सत्यमेव जयते

Report On
BENCHMARKING OF IRRIGATION SYSTEMS IN MAHARASHTRA STATE
2009-10

WATER RESOURCES DEPARTMENT
Government of Maharashtra, India
March 2011

Details of photographs on cover page.

1. Siddheshwar dam
2. Photographs from group farming (*Gatsheti*) in Jalna District.

REPORT ON
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WATER RESOURCES DEPARTMENT
GOVERNMENT OF MAHARASHTRA, INDIA
MARCH 2011

Name	Designation
Shri H.L. Kulkarni	Executive Engineer
Shri G.V.Vyawahare	Executive Engineer
Shri S.P.Bhargodeo	Executive Engineer
Sow. S. A. Sulakhe	Assistant Engineer Grade-I
Smt. R. S. Patil	Assistant Engineer Grade-I
Shri O. B. Bhoyar	Sub-divisional Engineer
Shri. S. G. Deshpande	Sub divisional Officer
Shri S. D. Joshi	Sub divisional Engineer
Shri. B. A. Chivate	Assistant Engineer Grade –II
Shri S. M. Bhosle	Sectional Engineer
Shri K. K. Barbind	Sectional Engineer
Shri P. R. Bahalaskar	Sectional Engineer
Shri S.M. Kedare	Dafter Karkoon
Shri A.B. Naybal	Dafter Karkoon
Sow A.B. Wakpanjar	Dafter Karkoon
Shri. N.A. Bansode	Dafter Karkoon
Shri R. R. Kulkarni	Typist
Shri L. R. Jadhav	Typist
Smt. M. S. Tupe	Typist

ABBREVIATIONS

Avg Per	Average performance
BCM	Billion Cubic Metre
CADA	Command Area Development Authority
CBIP	Central Board of Irrigation & Power
CCA	Culturable Command Area
CRT	Converted Regular Temporary
CWC	Central Water Commission
DIRD	Directorate of Irrigation Research & Development
FAO	Food & Agriculture Organisation
FY Avg	Five year average
GCA	Gross Command Area
GOI	Government of India
GOM	Government of Maharashtra
ha	Hectare
HW	Hot weather
ICID	International Commission on Irrigation & Drainage
IMD	Indian Meteorological Department
INCID	Indian National Committee on Irrigation & Drainage
IPTRID	International Programme for Technology and Research in Irrigation and Drainage
ISP	Irrigation system performance
IWMI	International Water Management Institute
LY	Last Year
m	Metre
M cum/ Mm^3	Million Cubic metre
Mha	Million Hectare
MKVDC	Maharashtra Krishna Valley Development Corporation
mm	Millimetre
MMISF ACT	Maharashtra Management of Irrigation System by farmers Act 2005.
MWIC	Maharashtra Water & Irrigation Commission
MWRDC	Maharashtra Water Resources Development Centre
MWSIP	Maharashtra Water Sector Improvement programme
NLBC	Neera Left Bank Canal
NRBC	Neera Right Bank Canal
O & M	Operation & Maintenance
Past Max	Maximum value observed in Past

Past Min	Minimum value observed in Past
PIM	Participatory Irrigation Management
PIP	Preliminary Irrigation Programme
PLBC	Paithan Left Bank Canal
PRBC	Paithan Right Bank Canal
PWD	Public Works Department
Sq km	Square Kilometre
State Tar	State target
TY	This Year
WALMI	Water and Land Management Institute, Aurangabad
WRD	Water Resources Department
WUA	Water Users' Association
AIC Akola	Akola Irrigation Circle, Akola
AIC Aurangabad	Aurangabad Irrigation Circle, Aurangabad.
BIPC Buldhana	Buldhana Irrigation Project Circle, Buldhana
CADA	Command Area Development Authority
CIPC Chandrapur	Chandrapur Irrigation Project Circle, Chandrapur
JIPC Jalgaon	Jalgaon Irrigation Project circle, Jalgaon
KIC Kolhapur	Kolhapur Irrigation Circle, Kolhapur
KIC Ratnagiri	Konkan Irrigation Circle, Ratnagiri
NIC Nagpur	Nagpur Irrigation Circle, Nagpur
NIC Nanded	Nanded Irrigation Circle, Nanded
NIPC Dhule	Nashik Irrigation Project Circle, Dhule
NKIPC Thane	North Konkan Irrigation Project Circle, Thane
PIC Pune	Pune Irrigation Circle, Pune
SIC Sangli	Sangli Irrigation Circle, Sangli
TIC Thane	Thane Irrigation Circle, Thane
UWPC Amravati	Upper Wardha Project Circle, Amravati
WIC Washim	Washim Irrigation Circle Washim
YIC Yavatmal	Yavatmal Irrigation Circle, Yeotmal

C O N T E N T S

Executive Summary

The methodology and main performance Indicators for Benchmarking are adopted as per the guidelines issued by Indian National Committee on Irrigation & Drainage (INCID) in 2002.

Benchmarking of Irrigation projects was initiated in the year 2001-02. Initially, the exercise was conducted for 84 projects in 2001-02 with 10 indicators. The number of projects increased to 254 in 2002-03 with 11 indicators. Instead of presenting the data of all these projects individually, an irrigation circle was considered as a unit for evaluation of performance. Here also, it was observed that some of the characteristics of projects under a circle are not identical and to make the comparison still on better grounds, projects under a circle in a plan group are grouped together and comparison is made with other projects in that plan group. Project wise performance is also included this year for major and medium projects.

In carrying out the Benchmarking exercise, following categorization of irrigation schemes into similar types have been done for comparison.

Sr. No.	Category	As per INCID	Adopted in the State
A	Type of control for Supply of water	Fixed proportional division, manual control, automatic control	Manual control,
B	Type of management	Government agency, farmer managed	Government agency and WUA
C	Method of allocation and distribution of water.	Supply-oriented arranged-demand, on demand	On demand
D	Water Availability	Abundant, Scarce	Highly deficit to Abundant
E	Water Source	Surface water, groundwater or both.	Surface water
F	Size	Major, Medium, Minor	All sizes

This is the ninth consecutive report of benchmarking of irrigation projects in the State with 1268 projects and 11 indicators. The plan group wise number of projects selected for benchmarking during 2009--10 is as follows.

Sr. No.	Plan Group	Major	Medium	Minor	Total
1	Highly Deficit	1	29	141	171
2	Deficit	13	63	244	320
3	Normal	23	38	295	356
4	Surplus	3	23	149	175
5	Abundant	10	13	223	246
	Total :	50	166	1052	1268

Methodology

The data presented in this report is based on information collected from each of the circle in-charge of the project.

The following process was used in development of this report.

- The data about water use and area irrigated is correlated with water accounts (2009-10) of relevant projects.
- The presentation for every indicator is done with past-past (5 year average), recent past (2008-09) and present year (2009-10) in order to compare the performance with predecessors as well as own performance of last year.

  Based on performance for 2009-10, indicator wise average performance is found out for the plan group of circles under consideration, setting aside the exceptionally high/low values.

For financial indicator of output per unit irrigated area and output per unit irrigation water supply, prices of 1998-99 are considered to obviate effect of price rise.

Benchmarking of WUA

Till June 2009, potential to the tune of 4.634 Mha has been created on State level projects.

By the end of April 2010 in all 2815 WUA were in full operation with operational area of 11.02 lac Ha. Besides this the number of WUA which have been registered during 2009-10 was 1421 covering an area of 5.17 lac Ha.

During this year 12 WUA on 7 major projects are selected for Benchmarking with 9 indicators.

The details about objectives of Benchmarking of WUA, proformae used for calling the data along with indicator wise, WUA wise analysis has been given as a case study in a separate chapter (Chapter 6) in this report.

Observations:

- The annual irrigation water supply per hectare in major projects is improved over last year. The medium projects have attained the State target, for minor projects it is near the State target.
- The potential utilisation in respect of major projects increased from 0.80 to 1.07 as compared to last year. In minor projects also there is improvement over last year.
- The output per unit irrigated area enhanced in both major and medium categories in 2009-10.
- The output per unit water supplied increased in major as well as medium projects as compared to 2008-09.
- The cost recovery ratio has improved and crossed the State target in major projects.
- The O & M cost per unit irrigated area in major & medium projects is reduced over last year.
- Revenue per unit water supply improved in all categories of projects.
- There is improvement in assessment recovery ratio (both irrigation and non irrigation) in major and medium projects.

Chapter - 1
INTRODUCTION

1.0.0 Benchmarking is a very powerful management tool for analysing and improving the performance of water resources projects. It is widely accepted all over the World. IPTRID, IWMI, ICID, World Bank & FAO advocate use of benchmarking – since 2000.

For evaluation and improvement in performance of water resources projects, Government of Maharashtra has undertaken the benchmarking exercise in the State since 2000-01.

Benchmarking of selected 12 WUA on 7 major projects under different irrigation circles has been done in this year. Objectives, indicators proformae for data collection and indicator values are given in detail in chapter 6 of this report. This will be helpful for improving the performances of WUA.

Maharashtra is the first State in India, which has introduced the Benchmarking technique for Irrigation Projects & now with our experience and Central Water Commission's follow-up other States are also adopting it.

The methodology and main performance indicators for Benchmarking are adopted as per the guidelines issued by Indian National Committee on Irrigation & Drainage (INCID) in 2002.

The year wise indicators selected for benchmarking since 2001-02 along with their Domain are enlisted below:-

Year	Domain	Performance Indicator
2001-02	1. System Performance	i) Annual irrigation water supply per unit irrigated area
	2. Agricultural Productivity	i) Output per unit irrigated area, ii) Output per unit irrigation supply
	3. Financial Aspects	i) Cost Recovery Ratio ii) Total O&M cost per unit area iii) Revenue per unit volume of water supplied iv) Maintenance cost to revenue ratio v) Mandays for O&M per unit area vi) Total O&M cost per unit volume of water supplied
	4. Environmental Aspects	i) Land damage index
2002-03	System Performance	i) Potential Created and Utilised ii) Potential Created and Utilised
2003-04	Financial Aspects	Assessment Recovery Ratio a. Irrigation Non-irrigation
2008-09	System Performance	I (a) Annual area irrigated per unit water supplied.

Some indicators are added/deleted during course of time. The changes are as follows.

2002-03	One Indicator deleted	Maintenance Cost to Revenue Ratio
	Two Indicators added	1. Potential Created and Utilised 2. Equity Performance
2003-04		Assessment Recovery Ratio I. Irrigation II. Non-irrigation
2006-07	One Indicator deleted	Mandays per unit area
2008-09	One Indicator added	I (a) Annual area irrigated per unit water supplied.

Initially, the exercise was conducted for 84 projects in with 10 indicators. The number of projects was increased to 254 in 2002-03 with 11 indicators. Instead of presenting the data of all these projects individually, an irrigation circle was considered as a unit for evaluation of performance. Here also, it was observed that some of the characteristics of projects under a circle are not identical and to make the comparison still on better grounds, from the year 2003-04, projects under a circle in a plan group are grouped together and comparison is made with other projects in that plan group.

Project wise performance is also included this year for major & medium projects. Details of year wise number of projects selected for Benchmarking is as follows.

Year:	**No. of Projects.**				**No. of Indicators**	**Year of publication**
	Major	**Medium**	**Minor**	**Total**		
2001-02	30	26	28	84	10	March 2003
2002-03	49	142	63	254	11	March 2004
2003-04	49	143	69	261	12	March 2005
2004-05	49	144	69	262	12	February 2006
2005-06	49	144	69	262	12	March 2007
2006-07	49	144	69	262	11	March 2008
2007-08	48	145	69	262	11	March 2009
2008-09	48	145	69	262	11	March 2010
2009-10	50	166	1052	1268	11	November 2010

1.1.0 Maharashtra at a glance

Map of India showing location of Maharashtra State

Maharashtra occupies main portion of the Indian Sub-continent. The geographical location of the State is bounded between latitude 16.4^{o} to 22.1^{o} N and longitude 72.6^{o} to 80.9^{o} E and has an area of 307.71 thousand sq km, which is about 9.4 percent of the total geographical area of India. The State has 720 Km long coastline along Arabian Sea. The western hill ranges are almost parallel to this coastline. The State is divided into two physiographic regions of Konkan and rest of the State (Deccan Plateau). The Deccan Plateau spread over on the

east side of *Ghat* has west-east slope. In general, the altitude of the plateau varies between 300 to 600 m. Maharashtra is bounded by Gujarat on north-west, Madhya Pradesh on north, Chhattisgadh on east and Andhra Pradesh, Karnataka and Goa on south.

1.2.0 Physiography

The State is divided into five major regions physiographically:

i) Konkan strip on western side (ii) Sahyadri ranges iii) Plateau on eastern side (iv) Hilly ranges of Satpuda and adjacent area on north and (v) Hilly and forest region of north-south Wainganga basin to the east of State.

1) Konkan Strip

The narrow strip of land extending from Damanganga basin in north to the border of Goa State in south is the Konkan. It has Sahyadri ranges on east and Arabian Sea on west. The Konkan strip is about 53 to 60 km wide and 500 km long along north-south. The widest stretch is about 100 km. Width decreases as one proceeds towards south. The region becomes hilly and altitude increases from the coastline towards east.

2) Sahyadri Ranges

These continuous mountain ranges extend almost parallel to the western coastline. It is known as Western *Ghat*. The average height of Sahyadri in Maharashtra is 900 m. It is more in the north and decreases towards south.

3) Eastern Plateau Region (Deccan Plateau)

The height of this plateau goes on decreasing from 600 m on western side to 300 m in the Wainganga basin on east. This region is formed from lava of igneous rocks. All the districts of Khandesh[1], Marathwada[2], Western Maharashtra and the western districts of Vidarbha[3] fall in this region.

4) Satpuda Ranges and Tapi – Purna basin on North

Satpuda hill ranges lie on the northern boundary of the State. This region is spread over in the districts of Amravati, Akola, Jalgaon and Dhule.

5) Eastern Region Consisting of Wainganga basin

Eastern region comprises of eastern side of the State and flat paddy field region lies along both the banks of the river at an elevation of about 300 m. On the eastern side of this flat region along the Maharashtra - Chhattisgadh boundary are the hills of different geological formations other than the Deccan Trap. Many eastern tributaries of Wainganga originate from this hill range. The height of this hilly plateau is around 800 m.

Detailed information with regard to river basins, availability of water resources, climate, rainfall, agro climatic zones, etc of Maharashtra is given in Appendix-IV

[1] Khandesh includes Dhule, Nandurbar & Jalgaon districts
[2] Marathwada includes Aurangabad, Jalna, Parbhani, Nanded, Osmanabad, Latur, Hingoli & Beed districts
[3] Vidarbha includes Akola, Washim, Amravati, Yeotmal, Wardha, Nagpur, Bhandara, Gondia, Chandrapur, Buldhana & Gadchiroli districts.

1.3.0 Rainfall during 2009-10

In the State on average the Rainfall starts from 7th June by South West monsoon. In the year 2009 the rainfall started on 6h June 2009 and got spread throughout the State.

In monsoon there was an average rainfall of 80%. Out of total 355 talukas in the State, 7 talukas received less than 40% rainfall, 178 talukas had 41 to 80% rainfall, 134 talukas had 81 to 120% rainfall & 36 talukas had more than 120% rainfall.

1.4.0 Irrigation Development during Post-independence Period

Maharashtra State as of today came into existence in 1960. The increasing population was facing shortage of food grains. This has led to the need of increasing agricultural production. By giving priority to agricultural development, attempt has been made to achieve irrigation development in a planned manner.

Hardly, 0.274 Mha, irrigation potential was created in the State during pre-plan period i.e. before 1950. Agriculture has been the prominent occupation to provide food and fiber to the growing population of the State. Adequate, timely and guaranteed water supply is of paramount importance in agriculture production and irrigation development plays a key role in alleviating rural poverty. The State has created 4.634 Mha irrigation potential using surface water resources by June 2009 through 79 major, 249 medium and state sector 3004 minor irrigation projects. The ultimate irrigation potential, through surface water and ground water resources, has been estimated as 12.6 Mha.

1.4.1 Supply System

Generally supply of water for irrigation is through distribution network of canals off-taking either from dam or from pick-up-weir. The distribution network consists of main canal, branch canal, distributory, minor and field channels. The open canals are either lined or unlined, but mostly the systems are unlined. Recently water is also supplied for irrigation through piped distribution network in some projects.

Water is supplied to irrigators, individuals as well as WUA via distribution network through outlets. In addition, there are individual, co-operative, Govt. owned lifts on reservoirs, rivers and canals. Normally there is major area under gravity irrigation and small part under lift irrigation in most of the projects. Some projects are specially lift irrigation projects with storage reservoir or storage reservoirs in the form of series of Kolhapur type weirs downstream of reservoir. In most of the major & medium irrigation projects, water reserved for non irrigation (domestic and industrial) use varies from 15 % to 25 %.

The supply of water for domestic and industrial purpose is mostly made through pipeline either from reservoir, main canal or from river.

The projects selected for Benchmarking are having major area under flow irrigation with small percent under lift irrigation. The lifts are on main canals as well as reservoirs. Most of the medium projects supply irrigation water for eight monthly cropping pattern i.e., Kharif & Rabbi and very small quantum for Hot Weather or perennial crops. There is a tendency amongst farmers to use the water saved in Kharif and Rabbi season for Hot Weather or Perennial crops.

1.4.2 Present Organisational Set up

The organisational set up for irrigation management comprises of section office at the lowest level looking for an area of about 3000 to 4000 ha. The section office is headed by a sectional officer having staff for O&M of the area. The subdivision dealing with four to five sections is headed by AE-I, Sub divisional Officer/Engineer and works under the control of division. Thus the division is looking after four to five subdivisions with sixteen to twenty five sections and headed by the Executive Engineer in charge of the irrigation projects. The management circle headed by the Superintending Engineer controls three to four divisions. The regional head of the Superintending Engineers (four to five circles) is either Chief Engineer or the Chief Administrator in case of CAD projects.

The Superintending Engineers in-charge of irrigation circles are responsible for full utilisation of the water stored in reservoir and maintenance of public utilisation system, as well as recovery of water charges through their subordinate offices. The organisation chart of department is enclosed.

1.4.3 Crops Irrigated

There is significant variation in crops within the regions as well as in projects under a region. Details of principal crops grown in different regions and plan group wise are as below.

Region	Plan group	Principal crops grown
Eastern Vidarbha	Abundant & Surplus	Kharif Paddy, HW Paddy
Western Vidarbha	Normal	Cotton, Wheat, Gram, Sunflower, Orange
Marathwada	Normal & Deficit	Cotton, Wheat, Rabi Jawar Gram, Sunflower, Soybean, Groundnut, Sugarcane, Banana
Central Maharashtra	Normal	Rabi Jawar, Maize, Wheat, Bajara, Cotton, Vegetables Grapes, Sugarcane, Banana
Western Maharashtra	Normal & Abundant	Maize, Wheat, Vegetables, Pomegranates, Sugarcane
Konkan	Abundant	Paddy, Vegetables, Mango

1.4.4 Management of Systems

The irrigation systems are constructed and mostly managed by the GOM. Operation and maintenance of irrigation projects is looked after by irrigation divisions, which are administratively controlled by circle office. GOM has taken a policy decision to supply water for irrigation through Water Users' Associations only. Accordingly the MMISF Act was passed by the Government in year 2005. Formation of Water Users' Associations in command areas of irrigation projects is in progress. Irrigation management of area under their jurisdiction is being transferred to them. Recently, a major project Waghad in North Maharashtra region is handed over to Federation of WUA for irrigation management.

The National Productivity Council, New Delhi under Ministry of Commerce and Industries, GOI has awarded National Productivity Award to Waghad, Katepurna, Pench & Shekdari projects for 2000-01, 2001-02, 2002-03 & 2003-04

respectively. Waghad received this award for 2006-07 also. Waghad also received prestigious ICID and WATSAVE awards for innovative water management.

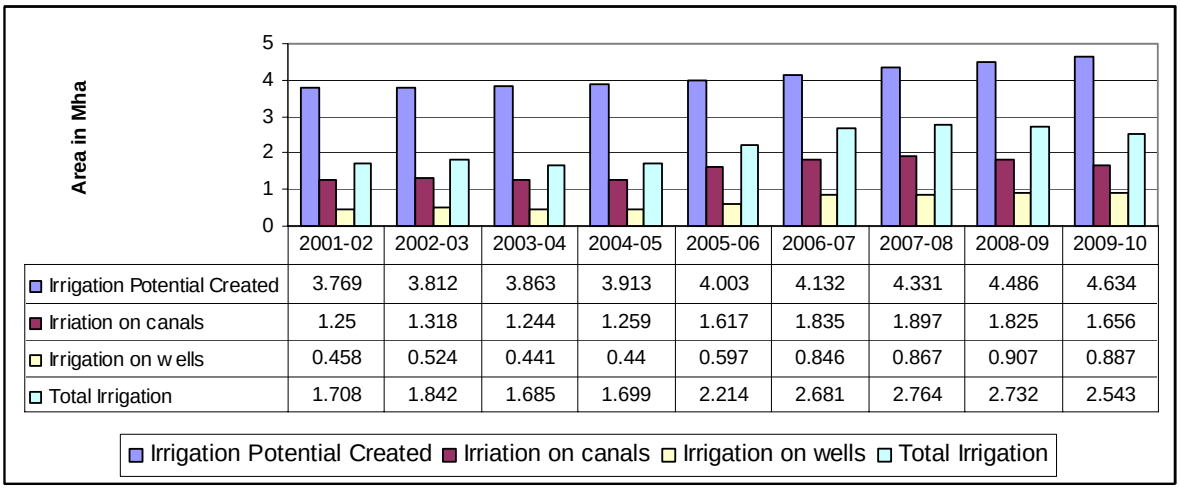
To corroborate the process of handing over the culturable command area (6,68,850 Ha) of selected 286 projects to the WUA within stipulated time frame, Maharashtra Water Sector Improvement Project has been taken up with the help of World Bank.

1.4.5 Area under modern irrigation methods

Area under drip irrigation in the State by March 2010 was 5.41 lakh Ha. The region wise area under drip irrigation is as follows:

Sr. No.	Region	Area under Drip irrigation in ha. (up to March 2010)	Percentage
1	Konkan	12783	2.37
2	Nashik	210437	38.90
3	Pune	134385	24.84
4	Aurangabad	96782	17.89
5	Amravati	71017	13.13
6	Nagpur	15516	2.87
Maharashtra State		**540920**	**100**

1.5.0 Present Status of Irrigation Utilization



	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Irrigation Potential Created	3.769	3.812	3.863	3.913	4.003	4.132	4.331	4.486	4.634
Irriation on canals	1.25	1.318	1.244	1.259	1.617	1.835	1.897	1.825	1.656
Irrigation on wells	0.458	0.524	0.441	0.44	0.597	0.846	0.867	0.907	0.887
Total Irrigation	1.708	1.842	1.685	1.699	2.214	2.681	2.764	2.732	2.543

(Ref: Irrigation Status report 2009-10 page 17)

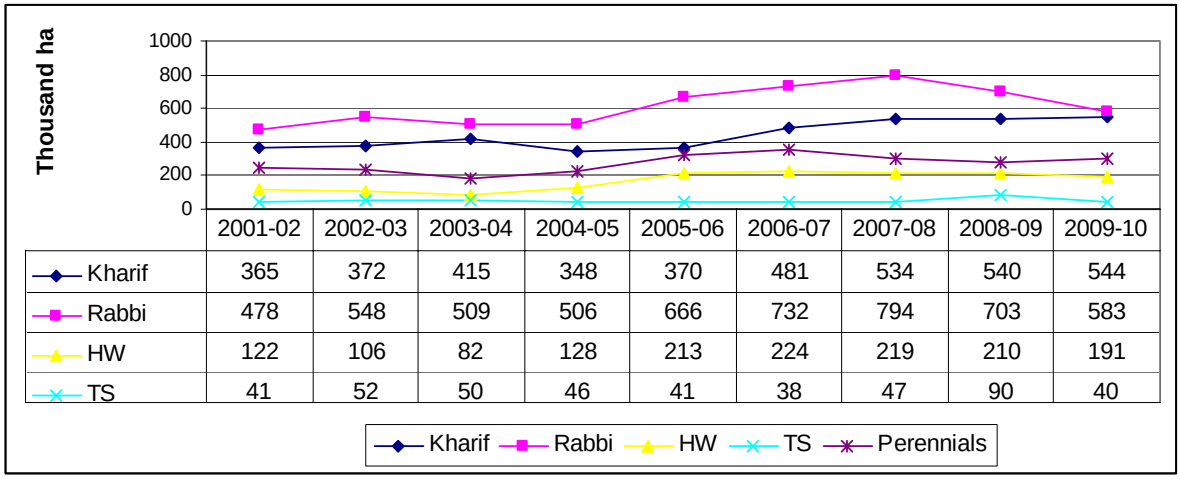
In spite of various measures taken so far, there is a gap between potential created and utilized.

The overall reasons for less utilization are as follows

i) Low water yield in the reservoirs ii) Diversion of irrigation water to non-irrigation uses iii) Tendency of farmers to grow highly water intensive cash crops like sugarcane, banana iv) Reduction in storage capacity due to silting v) Lapses in assessment of the irrigated area in the command vi) Non accounting of irrigated area outside the command (influence area) vii) Poor maintenance of the infrastructure due to financial constraints viii) Non participation of beneficiaries in irrigation management. ix) Absentee landlords x) Lack of infrastructure for transportation, storage & marketing.

Year wise data of potential created and actual utilisation is exhibited in graphical form above. From this information, it is clear that till the year 2004-05, actual maximum utilisation (canal + wells) was 48% of the potential created. Under utilisation has always remained a point of concern. Therefore, based on past experience, circle wise targets are fixed from 2006-07. In the year 2009-10 utilization is 55% of created irrigation potential.

Details of year wise, Season wise area irrigated are given below.



	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Kharif	365	372	415	348	370	481	534	540	544
Rabbi	478	548	509	506	666	732	794	703	583
HW	122	106	82	128	213	224	219	210	191
TS	41	52	50	46	41	38	47	90	40

(Ref: Irrigation Status report 2009-10 page 20)

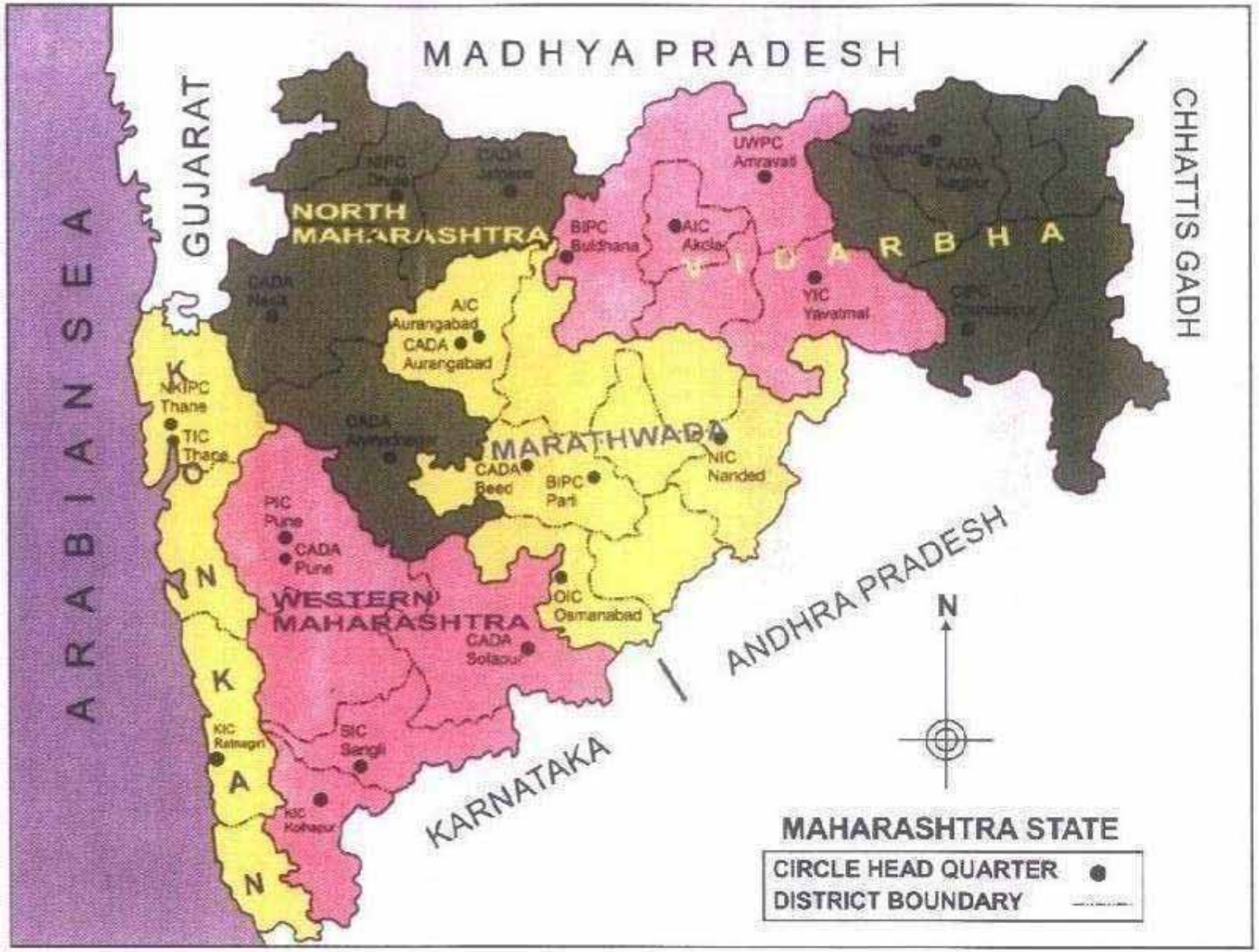
It is observed that the area irrigated in rabbi, hot weather and two seasonal decreased but there is slight increase in perennial crops.

1.6.0 Participation of Beneficiaries in Water Resources Management

National Water Policy 2002 and Maharashtra State Water Policy 2003 advocate Participatory Irrigation Management. In view of these, water users associations are being setup in command areas of various projects in different parts of the State. By the end of April 2009-10 in all 2815 WUA were in full operation with operational area of 11.02 lakh Ha. Besides this the number of WUAs which have been registered during 2009-10 was 1421 covering an area of about 5.17lakh Ha.

Looking at the slow pace of PIM in last decade and to bridge the gap between irrigation potential created and its actual utilization and to optimise the benefits by ensuring proper use of surface & ground water by increased efficiency in distribution, delivery, application and drainage of irrigation systems and for achieving this objective, to give statutory recognition to the constitution & operation of WUA, an act has been passed by the State legislature. The act is known as "Maharashtra Management of Irrigation Systems by Farmers Act, 2005".As per this act, all the beneficiaries in the command of distributaries / minor will become the members of WUA, once the area is notified under the act.

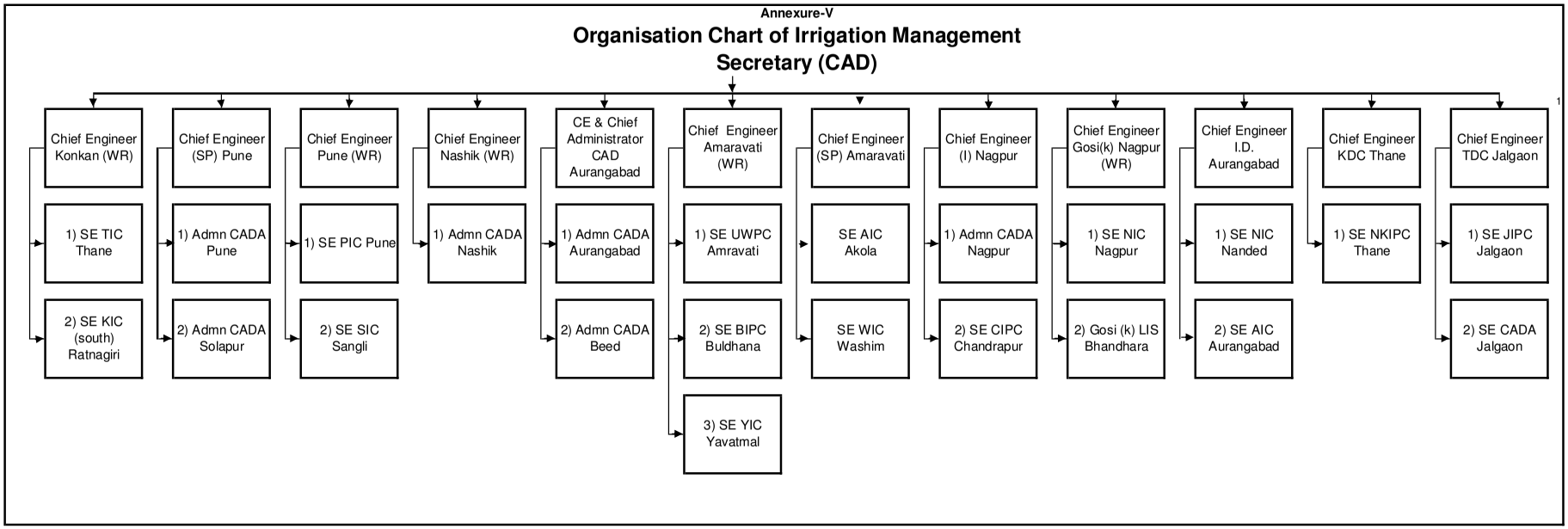
MAP SHOWING LOCATION OF IRRIGATION CIRCLES



Annexure-V

Organisation Chart of Irrigation Management

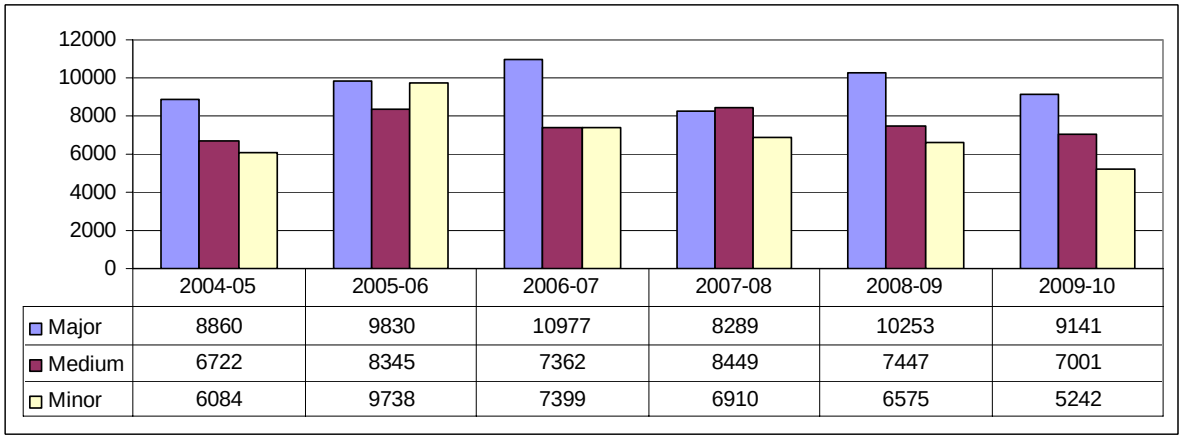
Secretary (CAD)



Chapter 2

Overall Status of Performance of State

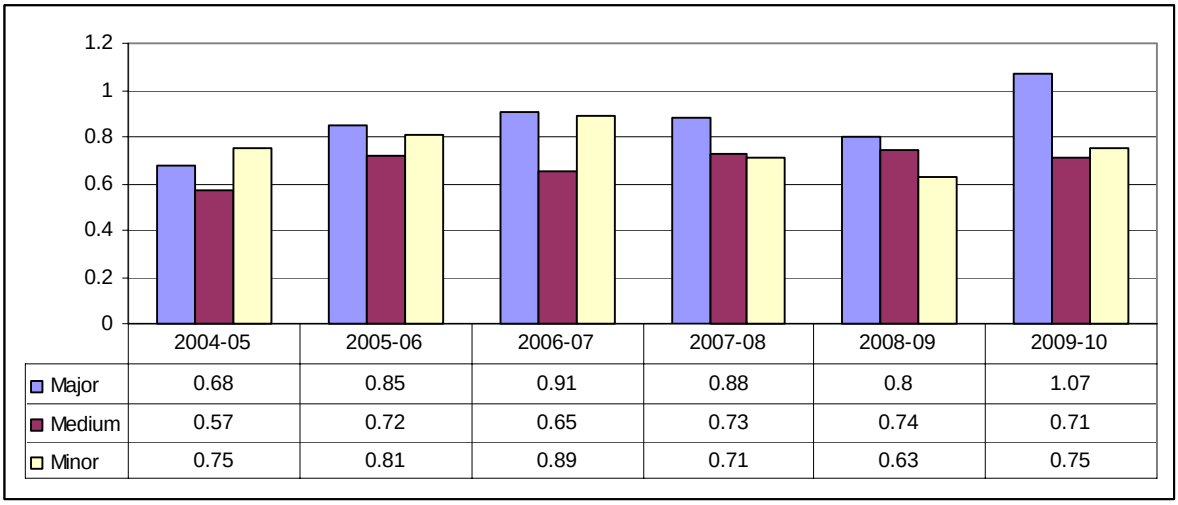
Indicator–I: Annual Irrigation Water Supply per Unit Irrigation Unit: Cum/Ha



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	8860	9830	10977	8289	10253	9141
Medium	6722	8345	7362	8449	7447	7001
Minor	6084	9738	7399	6910	6575	5242

Irrigation water supplied for major projects in the State is low in 2009-10 as compared to 2008-09. However, it is 20 percent on higher side of the State target. Medium projects have attained the State target. For minor projects it is near the State target.

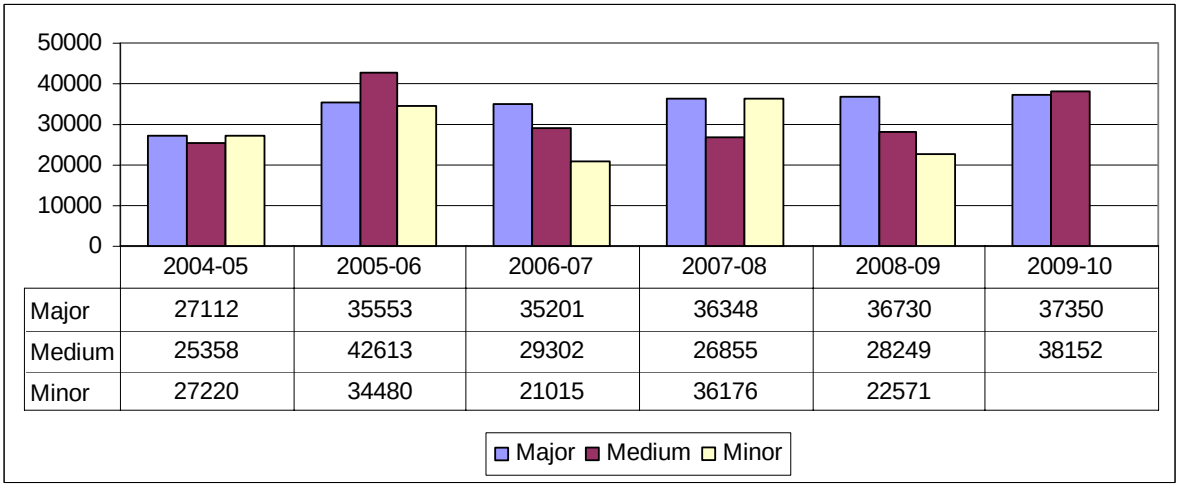
Indicator –II: Potential created and Utilised: unit: Ratio



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	0.68	0.85	0.91	0.88	0.8	1.07
Medium	0.57	0.72	0.65	0.73	0.74	0.71
Minor	0.75	0.81	0.89	0.71	0.63	0.75

The indicator value in respect of major projects increased from 0.80 to 1.07 as compared to last year. Utilisation of potential in medium projects has slightly reduced from 0.74 to 0.71 this year. However, in minor projects there is improvement over last year from 63% to 75%.

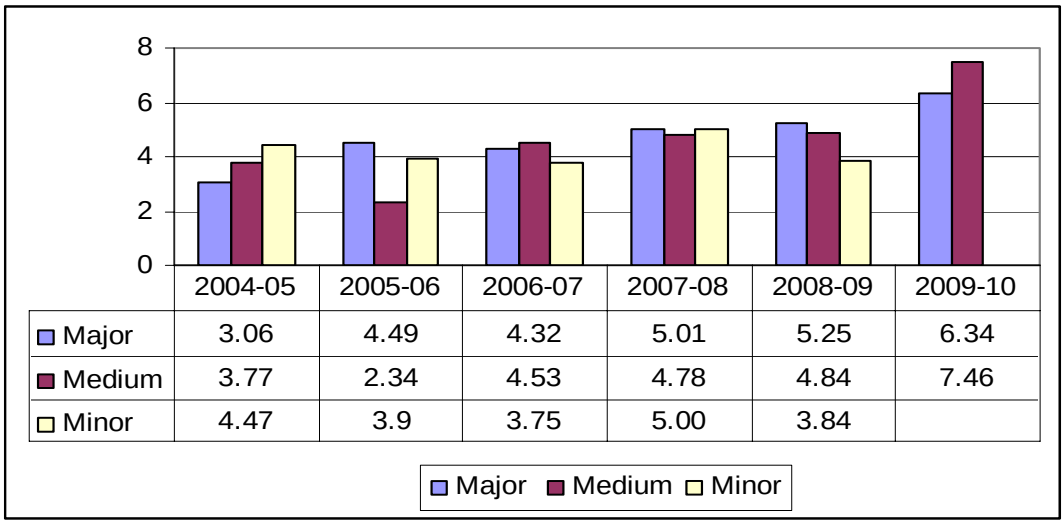
Indicator-III: Output per Unit Irrigated Area: Unit: Rs/Ha



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	27112	35553	35201	36348	36730	37350
Medium	25358	42613	29302	26855	28249	38152
Minor	27220	34480	21015	36176	22571	

The output per unit irrigated area enhanced in both major and medium categories in 2009-10. In major projects the output is 43% more than State target. However, in case of medium projects the output is 53% more than State target. The Indicator is not considered for minor projects this year.

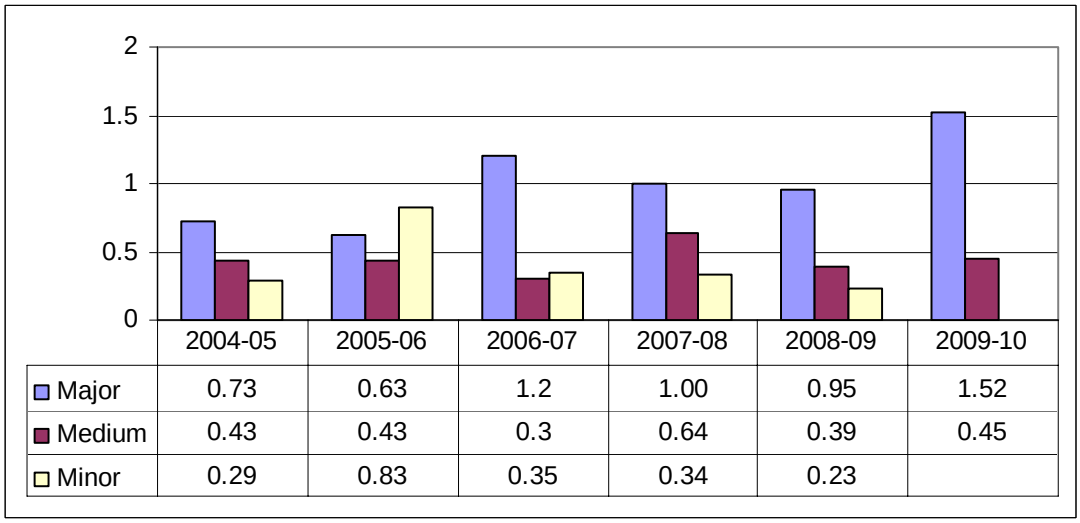
Indicator – IV: Output per Unit Irrigation Water Supply: Unit: Rs/Cum



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	3.06	4.49	4.32	5.01	5.25	6.34
Medium	3.77	2.34	4.53	4.78	4.84	7.46
Minor	4.47	3.9	3.75	5.00	3.84	

The output per unit water supplied increased in major as well as medium projects as compared to 2008-09. The output is 88% and 136% more than the State target for major and medium projects respectively. The Indicator is not considered for minor projects this year.

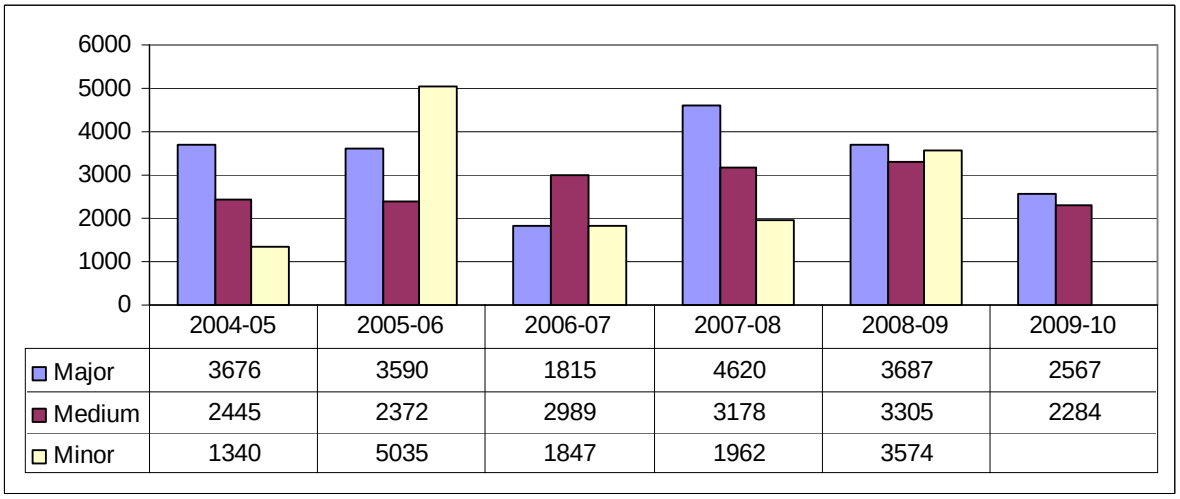
Indicator –V: Cost Recovery Ratio: **Unit: Ratio**



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	0.73	0.63	1.2	1.00	0.95	1.52
Medium	0.43	0.43	0.3	0.64	0.39	0.45
Minor	0.29	0.83	0.35	0.34	0.23	

The recovery of water charges improved over last year in case of major projects and it is above State target. In case of medium projects, though the cost recovery ratio increased from 0.39 to 0.45, still it is below State target. The Indicator is not considered for minor projects this year.

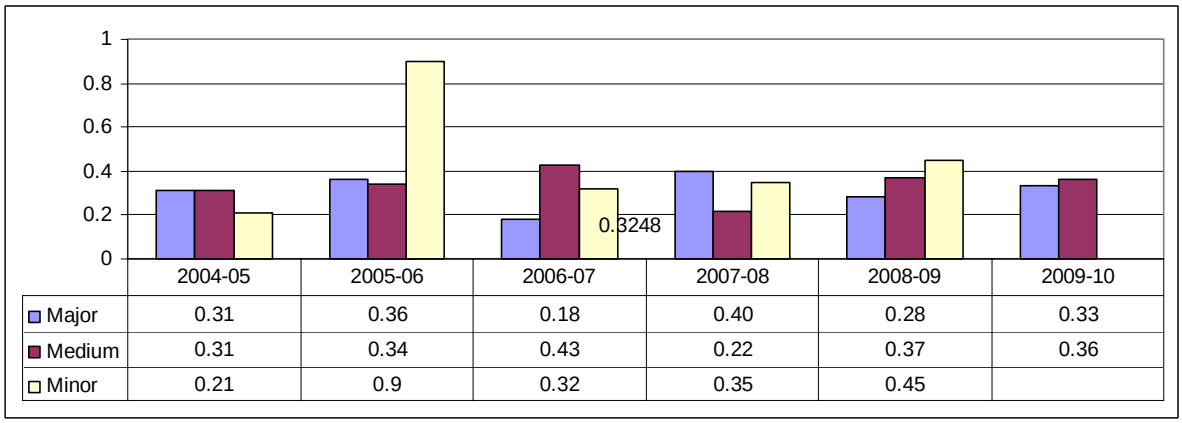
Indicator-VI: O&M Cost Per Unit Irrigated Area: **Unit: Rs/ha**



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	3676	3590	1815	4620	3687	2567
Medium	2445	2372	2989	3178	3305	2284
Minor	1340	5035	1847	1962	3574	

Though the O&M cost per unit irrigated area reduced over past year's value for both major and medium projects still it is on higher side of State norm. In case of major projects the indicator value is twice the State target. However, in case of medium projects the indicator value is 1.9 times higher than State target. The Indicator is not considered for minor projects this year.

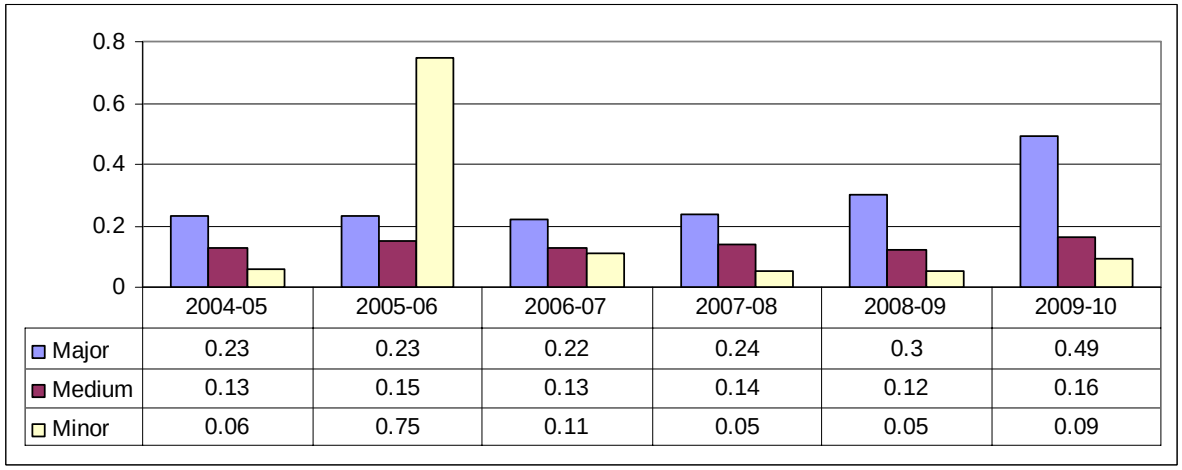
Indicator – VII: O&M Cost Per Unit Water Supply: Unit: Rs/Cum



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	0.31	0.36	0.18	0.40	0.28	0.33
Medium	0.31	0.34	0.43	0.22	0.37	0.36
Minor	0.21	0.9	0.32	0.35	0.45	

The performance has declined over last year for major projects and still it is more than twice the State target. Though the O&M cost per unit water supplied is reduced from Rs.0.37/cum to Rs.0.36/cum still it is 200% on higher side of State target. The Indicator is not considered for minor projects this year.

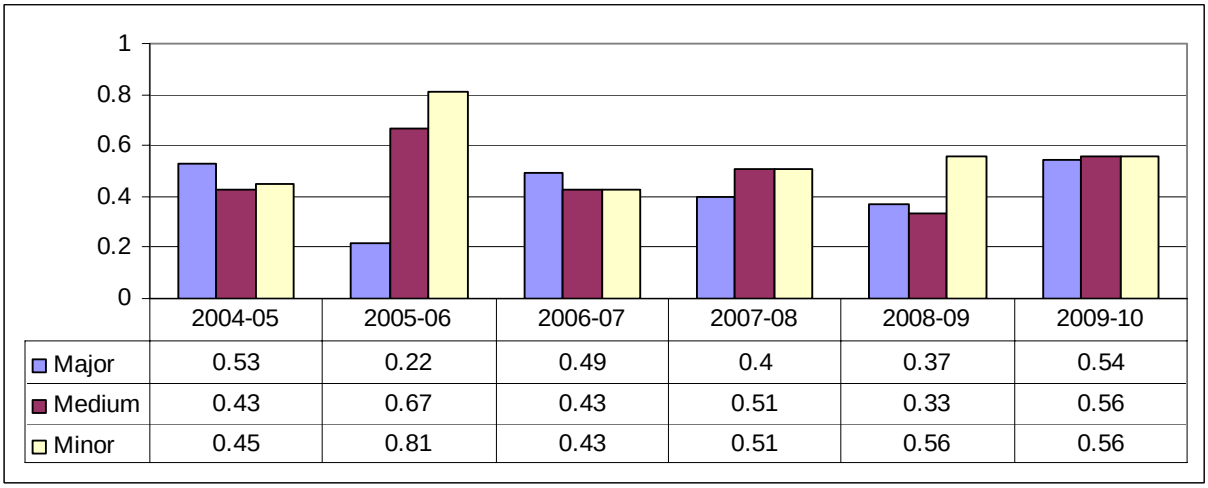
Indicator – VIII: Revenue Per Unit Water Supply: Unit: Rs/cum



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	0.23	0.23	0.22	0.24	0.3	0.49
Medium	0.13	0.15	0.13	0.14	0.12	0.16
Minor	0.06	0.75	0.11	0.05	0.05	0.09

There is improvement in the performance of major, medium and minor projects for current year. In major projects the revenue is 2.72 times higher than the State target. For medium projects, though there is slight improvement over last year's performance, the indicator value is just below State target. In case of minor projects there is slight improvement in the performance as compared to last year. Still, it is far below 50% of the State target.

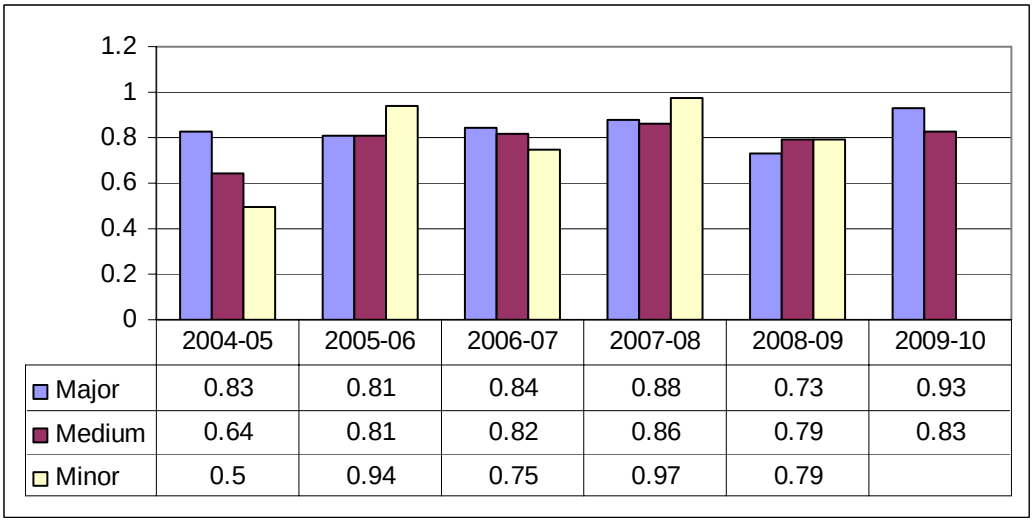
Indicator – XII: Assessment Recovery Ratio (Irrigation): Unit: Ratio



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	0.53	0.22	0.49	0.4	0.37	0.54
Medium	0.43	0.67	0.43	0.51	0.33	0.56
Minor	0.45	0.81	0.43	0.51	0.56	0.56

Though there is improvement in the performance of major and medium projects, it is below 60% of the State target. In case of minor projects the achievement is 56% of the State target and the indicator value is for Irrigation and non irrigation combined.

Indicator – XII: Assessment Recovery Ratio (Non Irrigation): Unit: Ratio



	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Major	0.83	0.81	0.84	0.88	0.73	0.93
Medium	0.64	0.81	0.82	0.86	0.79	0.83
Minor	0.5	0.94	0.75	0.97	0.79	

Though there is improvement in the performance in major and medium projects for current year, it is below the State target.

Chapter - 3

Benchmarking of Irrigation Projects

Benchmarking can be defined as a systematic process for securing continual improvement through comparison with relevant and achievable internal or external norms and standards.

3.1.0 Background

This is the Ninth consecutive report of benchmarking of irrigation projects in the State with 1268 projects and 11 indicators. The plan group wise number of projects selected for Benchmarking during 2009-10 is as follows.

Plan group	Major	Medium	Minor	Total
Highly Deficit	01	29	141	171
Deficit	13	63	244	320
Normal	23	38	295	356
Surplus	03	23	149	175
Abundant	10	13	223	246
Total	**50**	**166**	**1052**	**1268**

3.2. 0 About this report

Following 11 indicators are selected for benchmarking in 2009-10.

Sr. No.	Indicator No	Title of Indicator
		System Performance
1	I	Annual Irrigation Water Supply Per Unit Irrigated Area
2	I a	Annual Area Irrigated per unit of water Supplied
3	II	Potential Created and Utilised
		Agricultural Productivity
4	III	Output (Agricultural Production) Per Unit Irrigated Area
5	IV	Output (Agricultural Production) Per Unit Irrigation Water Supply
		Financial Aspects
6	V	Cost Recovery Ratio
7	VI	Total O&M Cost Per Unit Area
8	VII	Total O&M Cost Per Unit Volume Of Water Supplied
9	VIII	Revenue Per Unit Volume Of Water Supplied
10	XII(I)	Assessment Recovery Ratio Irrigation
	XII (NI)	Assessment Recovery Ratio Non Irrigation
		Environmental Aspects
11	X	Land Damage
		Social Aspects
12	XI	Equity Performance

The report is available on websites **www.mahawrd.org & www.mwrdc.org**

Indicator values for “Last year LY” in this report may be different from values for “This year TY” in the report for 2008-09 due to addition or transfer of projects amongst circles.

3.3.0 Methodology

The data presented in this report is based on information collected from each of the circle in-charge of the project.

Following process was used in developing the report.

- All Irrigation projects of different categories viz. major (CCA more than 10000 Ha), medium (CCA more than 2000 Ha and below 10000 Ha) and minor (CCA less than 2000 Ha) are considered.
- Data is collected in template files from the concerned project authorities and analysed in MWRDC office. An explanatory note containing detailed instructions about working out the figures of different indicators was issued to field officers.
- The data about water use and area irrigated is co-related with water accounts (2009-10) of relevant projects.
- The presentation for every indicator is done with past-past (5 year average), recent past (2008-09) and present year (2009-10) in order to compare the performance with predecessors as well as own performance of last year.
- The draft report is scrutinised in MWRDC, Aurangabad & Mantralaya, Mumbai.
- Reasons for deviation from last year’s performance and State norm are called from each circle.
- Based on performance during the year 2009-10, indicator wise average performance is evaluated for the plan group of circles under consideration, setting aside the exceptionally high/low values (**Appendix III**).
- State targets for indicator No III & IV are set as per plan group. However, for other Indicators, State target value is common for all plan groups. The targets are different for major, medium & minor projects for indicator no I, I a, VI, VII, & VIII.
- For financial indicator of output per unit irrigated area and output per unit irrigation water supply, prices of year 1998-99 are considered to obviate effect of price rise.
- Some circles are not having all types of projects i.e., major, medium or minor projects; therefore, only relevant circles are shown in graphs of each indicator. Thus total of circles may not tally in relevant graphs, for example for major projects category, there are only 17 circles.
- Indicator wise performance of the State is given in chapter 4.

3.4.0 Overview of Irrigation Projects

An overview showing details such as sub basin, designed storage, command area, crops grown, etc. is enclosed as **Appendix IV**

3.5.0 Benchmarking of WUA

Till June 2009, potential to the tune of 4.634 Mha has been created at State level. By April 2010, in all 2815 WUA are formed for an area of 11.02 lac Ha. Out of these, 1545 WUA are formed as per MMISF Act 2005, with an area of 6.69 lac Ha and remaining 1270 WUA are formed as per Maharashtra Co-operative Act of 1960 with an area of 4.33 lac Ha. Benchmarking of 12 WUA with 9 indicators is carried out.

Chapter - 4

Performance Indicators

4.0.0 As stated earlier, Chapter 3 of this report provides an idea about indicators relevant with the five domains, mentioned below.

a. System Performance

b. Agricultural Productivity

c. Financial Aspects

d. Environmental Aspects

e. Social Aspects

4.1.0 System Performance

Providing facility of water for irrigation and other purposes is the main function of the project authorities. The water distribution system is influenced by physical, climatic, economic and other factors. In particular, the prevailing climatic conditions largely determine both, the available water resources and the crop water requirements in any season. The main task of the project in-charge is to manage the system so as to optimise the use of available resources in order to meet sanctioned quota in an effective and efficient manner.

4.1.1 Annual Irrigation Water Supply per Unit Irrigated Area

Annual irrigation water supply per unit irrigated area is the total quantity of water supplied for irrigation in all the seasons of a year compared to the total area irrigated in Kharif, Rabi & HW on canal, reservoir and river during irrigation year.

Annual irrigation water supply per unit irrigated area varies with water availability, cropping pattern, climate, soil type, system conditions, system management etc.

As a measure of efficiency of irrigation system, State target of 7692 m^3/Ha is set for major and medium projects and 6667 m^3/Ha for minor projects.

4.1.1 a Annual Area irrigated per unit of water supplied (Ha./Mm^3)

Area irrigated per unit of water supplied during Rabbi season as Ha/Mm^3 and during H/W season is 110 Ha/M m^3 is set as target.

4.1.2 Potential Utilised & Created

This is the ratio of potential utilised (crop area measured) to created irrigation potential of the project. Crop area irrigated on canal, reservoir, wells, river in the command area is considered as potential utilisation.

The irrigation potential created through large investments should be fully utilised. However, the utilisation is governed by the availability of water in the reservoirs. Therefore, calculation of effective irrigation potential is made proportionate to availability of water for irrigation in that year.

4.2.0 Agricultural Productivity

In Maharashtra, more than 55% population depends on agriculture, thus production per unit area as well as per unit water is vital for State's economy.

For this domain the indicators chosen are

1) Output per unit irrigated area.

2) Output per unit irrigation water supply.

4.2.1 Output per Unit Irrigated Area

Output per unit irrigated area is the output in rupees of agricultural production from irrigated area. Here the area irrigated means potential utilised.

As the population grows, the land holding per capita goes on reducing. Secondly, there are some constraints to bring additional lands under irrigation. Thus it is important that the output per unit area has to be increased with efficient water and land management, improved seeds and adoption of latest Agriculture technology.

The efforts have to be made to increase output by diversification of cropping pattern, better farm practices and judging the market needs. However, water is the only input in agriculture on which service provider has control. Therefore to have an idea about trend of production in the command, which depends upon timely supply of water in adequate quantity, this indicator has been adopted. The yield data for the year of various crops is collected from agriculture department. The market prices are obtained from Agricultural Produce Market Committees located in each taluka. In respect of sugarcane, prices are obtained from sugar factories in the command area and for cotton, from Cotton Federation. The prices of 1998-99 are considered as base prices for all the remaining years & output is worked out accordingly. The plan group wise targets set for different categories of projects are given in **Appendix-II.**

4.2.2 Output per Unit Irrigation Water Supply

Output per unit irrigation water supply is value in Rupees of agricultural production from irrigated area compared to total quantity of water supplied for irrigation. The output per unit irrigation water supply is an indicator of optimal use of water.

4.3 Financial Performance

Any system is to be termed as economically self-sustainable if the yearly O&M expenditure incurred on the project is met from its own revenue.

In Maharashtra, the water charges are recovered for all uses to encourage efficient water use. Presently, the practice of volumetric supply is in use for WUA, Domestic and Industrial water supply.

The indicators chosen for financial performance are given below.

1) Cost Recovery Ratio

2) Total O&M Cost per unit area

3) Total O&M Cost per unit Volume of Water Supplied

4) Revenue per unit water supplied

5) Assessment Recovery Ratio (Irrigation & Non Irrigation)

4.3.1 Cost Recovery Ratio

It is the ratio of recovery of water charges to the cost of providing the service. Recovery of water charges and O&M cost incurred during the period of irrigation year i.e. 1st July 2009 to 30th June 2010 is considered. Secondly the operation cost

includes the salary of technical & ministerial staff working on irrigation management irrespective of its establishment type (i.e. Regular Temporary/Converted Regular Temporary/Work Charged/Daily rated). It is imperative to devise water rates and mechanism for recovery of water charges for irrigation use in such a manner to meet, at least, annual cost of management, O&M of system and recovery of some portion of capital investment on the projects in order to make the system self sustainable. Theoretically the cost recovery ratio should be at least equal to one.

Due to the efforts taken at all levels the recovery of water charges has improved and the O&M cost is comparatively low. This has resulted in enhancing the cost recovery ratio more than one.

4.3.2 Total O&M Cost per Unit Area

Total O&M cost per unit area is the ratio of total O&M cost incurred for management of the system and area irrigated (potential utilised) during the irrigation year. The total O&M cost includes cost of maintenance as well as all types of establishment charges. The annual maintenance cost incurred does not include cost of modernisation and special repairs. Establishment charges include salary paid to staff working up to a management section.

The O&M cost per unit area should be as minimum as possible.

GOM has prescribed yearly O&M norms per hectare excluding establishment cost. The O&M cost per unit area is more in projects where there is less irrigation compared to created potential.

4.3.3 Total O&M Cost per Unit Water Supplied

Total O&M cost per unit water supplied is obtained by dividing total O&M cost by total quantity of water supplied for irrigation and non-irrigation use during the year.

Total O&M cost per unit volume of water supplied should be as minimum as possible to achieve economy in supply.

3.3.4 Revenue per Unit Water Supplied

It is the ratio of total revenue and quantity of water supplied for irrigation & non irrigation use during the irrigation year.

Revenue per unit volume of water supplied is very important measure as every drop of water is to be used efficiently and economically. The ratio also gives an idea about revenue realised against actual water supplied. The indicator will have more importance once the water is supplied on volumetric basis.

4.3.5 Assessment Recovery Ratio

This indicator is split up into two components viz

a) Irrigation

b) Non Irrigation

In case of both the uses, there are arrears of water charges in many projects due to some or other reasons, one of the reasons being postponement of recovery during draught years.

It is the ratio of recovery of water charges during the irrigation year 2009-10 and assessment of charges for Kharif & Rabbi of 2009-10 for irrigation and for Hot

Weather of 2008-09. For non-irrigation purpose assessment for water used during the year 2009-10 is considered.

The purpose of introducing this indicator is to check whether the water charges assessed during the irrigation year (1 July to 30 June) are totally recovered or not. For this indicator, recovery of arrears is not considered.

4.4 Environmental Aspects

4.4.1 Land Damage Index

Land damage index is expressed as percentage of land damaged to irrigable command area of the project.

The lands under irrigation become saline or waterlogged due to excessive use of water resulting in low productivity. This problem is faced in areas where high water intensive crops are grown year after year with unscientific methods of irrigation like flooding. Water logging and salinity occur in soils with poor drainability. In Maharashtra, black cotton soil, which is highly impervious, is found on extensive area. Directorate Irrigation Research & Development, Pune is regularly monitoring & taking remedial measures for reclamation of damaged lands in commands of projects.

4.5 Social Aspects

4.5.1 Equity Performance

Most of the schemes are gravity systems with canals and distribution system. The command area is divided equally as head, middle & tail reaches. Equity performance means ratio of sum of actual area irrigated in all three seasons (canal flow and lifts on canal) to projected irrigable command area in head, middle and tail reaches. It is expressed as percentage. This indicator gives clear picture as to whether or not the irrigation facility is provided equitably to head; middle & tail reach farmers in command area.

The benefit of irrigation should be given to the beneficiaries in head, middle & tail reach equitably. Ideally for equity, this ratio should be equal to one for head, middle as well as tail reaches.

Observations
Major Projects

Benchmarking Observations

Major Project

Indicator I: - Annual Irrigation Water Supply Per Unit Irrigated Area

Highly Deficit plan group:-

CADA Solapur: - In Bhima (Ujjani) project, water is utilised for irrigation at the rate of 8015 cum/Ha. Overall performance is good, However, it is slightly more than the State norm of 7692 cum/Ha & last year's water use of 7906 cum/Ha.

Deficit plan group:-

BIPC Buldhana: In Wan project annual irrigation water supply per unit irrigated area is increased over last year and it is above the State norm.

CADA Aurangabad: In Jayakwadi project Stage-I (PLBC) the water use per unit irrigated area is decreased from 13238 to 10630 cum/ha for the current year 2009-10. As the availability of water was only 24%, single protective rotation in Rabi was possible, rest of water being reserved for NI use.

CADA Jalgaon: In Girna project, the water use per unit irrigated area is reduced from 14553 cum/ha (2008-09) to 8696 cum/ha (2009-10) which in still 1.13 times higher than the state target. The field officers are required to take efforts for improvement in the performance so that water use per ha should be as per state norm.

CADA Beed: In Majalgaon project though the water use is decreased from 15227 to 11199 cum/ha compared to last year, it is still higher than State norms. Most of the water is utilized in HW season through canal for irrigation. The perennial crops under this project are 84% of the total irrigated area.

In Manjra project the water use per ha is slightly decreased from 9552 to 9221 cum/ha as compared to last year still it is higher than State norms. Area under perennial crops has increased from 67 to 74% in this year. Most of the water is utilized in HW season.

In Lower Terna project the water use has decreased from 7186 to 4018 Cum /ha, this may due to lesser availability in the project causing only one rotation by canal in Rabi season & due to water level of reservoir goes down in HW causing lesser utilization by reservoir lift.

In Jayakwadi project Stage-I (PRBC) the water use per unit irrigated area have decreased from 20119 to 4353 cum/ha in 2009-10, this is due to single rotation given in Rabi for standing crops in view of lesser availability.

AIC Akola: Annual irrigation water supply per unit irrigated area is decreased over last year and it is within the State norms in Nalganga project.

NIC Nanded: Manar project had no water utilization due to very less availability of water.

In Vishnupuri project water use has increased slightly from 7803 to 7826cum/ha.as compared to last year though it is nearby state target because of total utilization for irrigation is through reservoir lift only. In Purna project the water use has drastically decreased from 10835 to 6011 Cum/ha (nearly by 45%) as compared to last year and this due to single protective rotation in Rabi & HW season.

CADA Nashik: In Chankapur project, though the annual water use per unit irrigated area is just increased from 5799Cum/ha (2008-09) to 5960 Cum/ha (2009-10) it has not exceeded the state norm. (7692 Cum/ha)

Normal plan group :

CIPC Chandrapur: Actual water use per unit area irrigated on Bor project is 16579 cum/Ha, which is less than last five year average and last year value. But it is more than plan group average and state target.

CADA Nagpur: In Lower Wunna Project complex water use is 11823 cum/Ha during the current irrigation year. It is more than last five year average, last years value, plan group average and state target.

UWPC Amrawati: In Upper Wardha project, water use per unit irrigated area is more than two times in last year. It is more than State norm also

AIC Aurangabad: In NMC express canal water use is increased from 10604 (2008-09) to 17261 cum/ha in this year, it is higher than the state norm, project authorities are required to pay proper attention to utilize available water judiciously**.**

CADA Pune: In Kukadi Project, the annual irrigation water supply per unit area is 10355 cum/Ha. The water utilization is more this year as compared to State norms. In Ghod Project the water utilization is 8520 cum/Ha. There is slight decrease in value as compared to last year's value of 9512 cum/Ha.

CADA Jalgaon: In Hatnur project, the water use per unit irrigated area is increased from 8499Cum/ha (2008-09) to 9581Cum/ha (2009-10) which is 1.25 times more than the state target. The field officers are required to take efforts for improvement in the performance.

CADA Nashik: In Bhandardara project, the water use per unit irrigated area is reduced from 13055Cum/ha (2008-09) to 11552Cum/ha (2009-10) which is still 1.5 times higher than the state target. Efforts should be taken by the field officers to reduce water use per ha duly taking necessary remedial measures i.e. desilting of canal, increasing height of banks, minimizing leakages in dissent system and supply of water by volumetric basis duly forming water users associations.

In Kadawa project, the water use is consistently more than the state target. As compared to last year it is again increased from 20459Cum/ha to 23541Cum/ha which is 3 times more than the state norm. As per field officers, more water use/ha is due to more conveyance losses in the canal system. Remedial measures are being taken in hand i.e. selective lining, pitching etc to improve the performance.

In Mula project, though the water use/ha is reduced from 13428 cum/ha (2008-09) to 9032 Cum/ha (2009-10) it is still 1.2 times higher than the state norm. As the water is supplied to irrigation by volumetric basis over all the command area of mula project, proper care should be taken by the field officers to have the economical use of water so that the indicator value should not exceed the state norm.

In Waghad project, the water use/ha is reduced from 10230 cum/ha (2008-09) to 6393 Cum/ha (2009-10) which is below the state norm. As water is supplied fully on volumetric basis on this project, care should be taken by the field officers that the indicator value should not exceed the state norm in future also.

In Gangapur project, the water use per unit area is reduced from 6997Cum/ha (2008-09) to 2730Cum/ha (2009-10). Efforts should be taken by the field officers to increase utilisation of water for irrigation.

In Darna project, the water use per unit irrigated area is reduced from 5639 cum/ha (2008-09) to 3766- cum/ha (2009-10). Efforts should be taken by the field officers to increase utilisation of water for irrigation.

PIC Pune: In Khadakwasla Project, the water utilization is 7345 cum /Ha. This is better than the last year's 7989 cum/ha. & State target performance in N.L.B.C. improved over last year (9261cum/Ha). As per field officers, the water use is more due to heavy leakages through masonry structures on canals. In NRBC the performance has improved over last year. The improvement is achieved because of repairs of canal system. In Pawana Project the water utilization is 6515 cum/Ha., which is better than last year's performance and State target. In Chaskaman Project the water utilisation is 7668 cum/Ha. Thus it has attained the State target.

AIC Akola: Annual irrigation water supply per unit irrigated area is decreased over last year and it is within the State norms in Pus project.

NIC Nanded: In Upper Penganga Project the water use per unit irrigated area has decreased from to 13064 to 5320 cum/ha. as compared to last year, There was very low availability of water i.e. 6% and hence one protective rotation in HW is given as per demand & very less utilisation through reservoir lift in Rabi season.

YIC Yavatmal: In Arunavati project annual irrigation water supply per unit area is decreased over last year and it is very much less than State norm.

Surplus plan group :

CADA Nagpur: Performance of Pench project is poor as compared to Itiadoh and Bagh projects under this circle. Water use in Pench project is more than state target and plan group average. In Itiadoh project Water use is less than state target and plan group average. In Bagh project Water use is slightly higher than state target but less than plan group average.

Abundant plan group:-

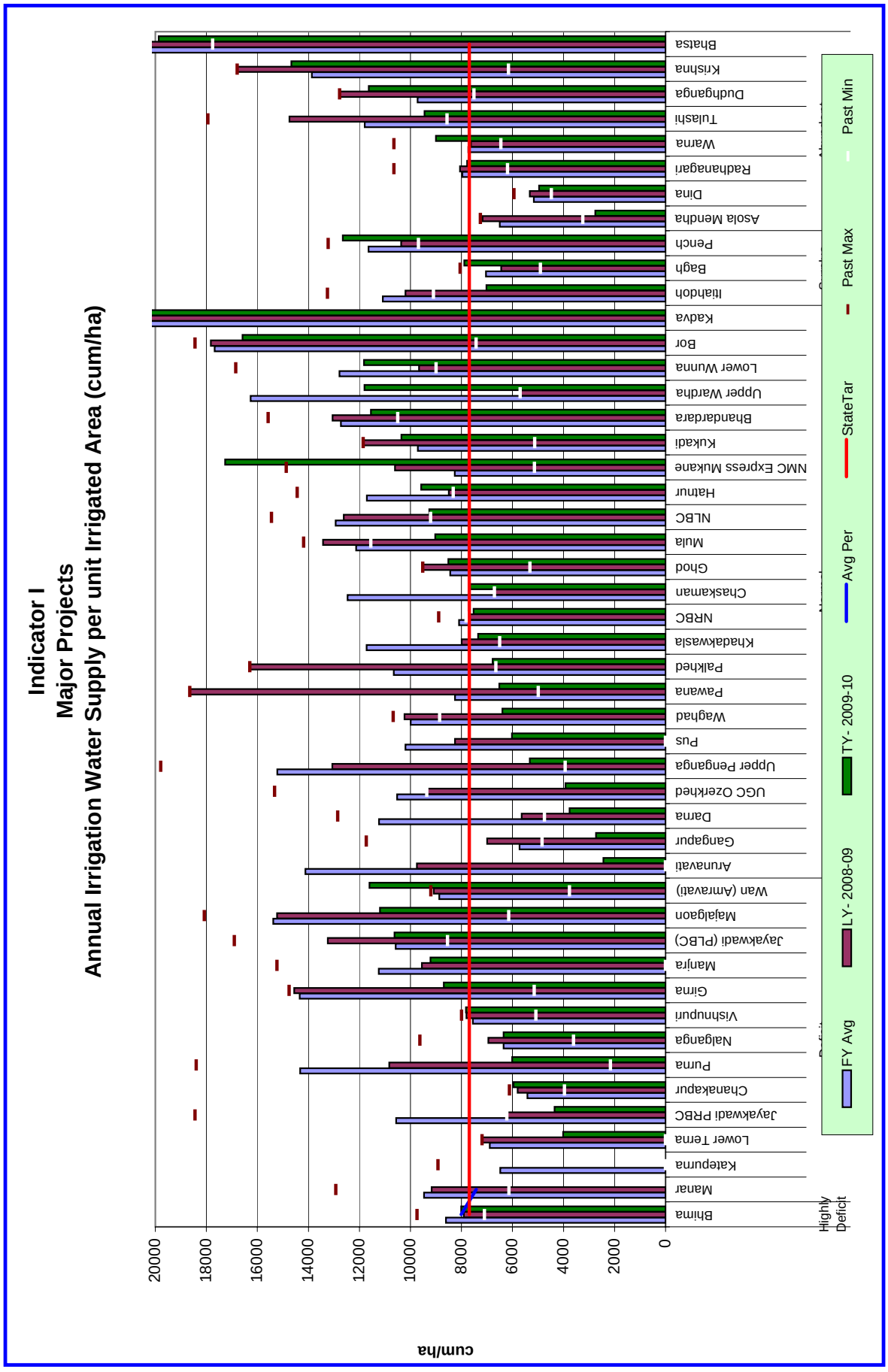
TIC Thane: - Water use for irrigation in Bhatsa, Kal-Amba & Surya is 19867, 31514 & 30452 cum/Ha. respectively. In Kal-Amba & Surya project steep Geographical topography, the water use is more that that in last year.

CADA Pune: In Krishna Project the water utilization for irrigation is 14669 cum/Ha. It is decreased over last year's value of 16784 cum/Ha. The water utilization is more than State norms. The field officers are advised to do needful to reduce the water utilization per unit area.

SIC Sangli: - Water use for irrigation four major projects under this circle is, Radhanagri 7776, Tulshi 9446, Warna 8999 & Dhudhganga 11638cum/Ha. In Tulshi & Warna, the water use per Ha has increased over last year.

CIPC Chandrapur: Ninety percent of total water use in Asolamendha & Dina projects is for kharif paddy crop. These projects lie in assured rainfall zone, obviously irrigation is in the form of protective irrigation.

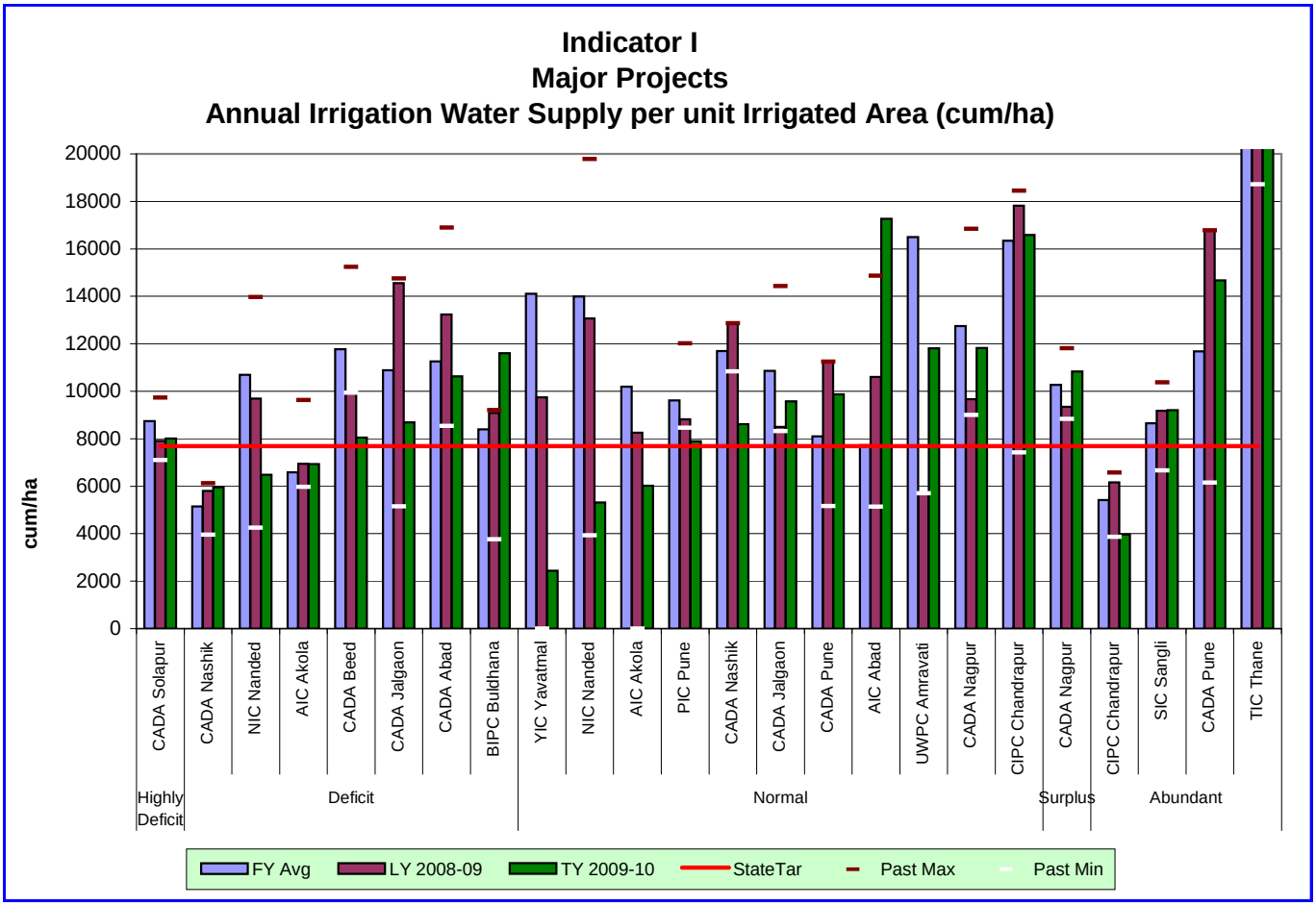
In Asolamendha & Dina projects water use is minimum as only two and four rotations are given that to in kharif season only.


Indicator I
Major Projects
Annual Irrigation Water Supply per unit Irrigated Area (cum/ha)
cum/ha
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Highly Deficit
FY Avg
LY- 2008-09
TY- 2009-10
Avg Per
StateTar
Past Max
Past Min
Bhima
Manar
Katepurna
Lower Terna
Jayakwadi PRBC
Chanakapur
Purna
Nalganga
Vishnupuri
Girna
Manjra
Jayakwadi (PLBC)
Majalgaon
Wan (Amravati)
Arunavati
Gangapur
Darna
UGC Ozerkhed
Upper Penganga
Pus
Waghad
Pawana
Palkhed
Khadakwasla
NRBC
Chaskaman
Ghod
Mula
NLBC
Hatnur
NMC Express Mulkane
Kukadi
Bhandardara
Upper Wardha
Lower Wunna
Bor
Kadva
Itiahdoh
Bagh
Pench
Asola Mendha
Dina
Radhanagari
Warna
Tulashi
Dudhganga
Krishna
Bhatsa

Indicator I
Major Projects
Annual Irrigation Water Supply Per Unit Area (cum/ha)

Circle	Plan-group	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	8608	7906	8014	9734	7094	8014	7692
NIC Nanded	Deficit	Manar	9472	9169	0	12921	6132	7426	7692
AIC Akola		Katepurna	6478	0	0	8919	0		7692
CADA Beed		Lower Terna	6888	7186	4018	7186	0		7692
CADA Beed		Jayakwadi PRBC	10560	6222	4353	18439	6222		7692
CADA Nashik		Chanakapur	5419	5799	5960	6119	3960		7692
NIC Nanded		Purna	14325	10835	6011	18390	2155		7692
AIC Akola		Nalganga	6353	6946	6351	9622	3605		7692
NIC Nanded		Vishnupuri	7553	7803	7826	7996	5077		7692
CADA Jalgaon		Girna	14342	14553	8696	14749	5146		7692
CADA Beed		Manjra	11245	9552	9217	15227	0		7692
CADA Abad		Jayakwadi (PLBC)	10579	13238	10630	16899	8541		7692
CADA Beed		Majalgaon	15375	15227	11199	18074	6146		7692
BIPC Buldhana		Wan (Amravati)	8869	9087	11610	9199	3759		7692
YIC Yavatmal	Normal	Arunavati	14114	9749	2440	24600	0	7953	7692
CADA Nashik		Gangapur	5728	6997	2730	11730	4833		7692
CADA Nashik		Darna	11237	5639	3766	12850	4741		7692
CADA Nashik		UGC Ozerkhed	10527	9355	3922	15323	9355		7692
NIC Nanded		Upper Penganga	15219	13064	5320	19785	3927		7692
AIC Akola		Pus	10194	8251	6026	21110	0		7692
CADA Nashik		Waghad	9995	10230	6393	10675	8854		7692
PIC Pune		Pawana	8255	18647	6515	18647	4986		7692
CADA Nashik		Palkhed	10649	16291	6781	16291	6652		7692
PIC Pune		Khadakwasla	11718	7989	7345	21588	6498		7692
PIC Pune		NRBC	8092	7844	7524	8893	7817		7692
PIC Pune		Chaskaman	12466	6701	7668	34308	6701		7692
CADA Pune		Ghod	8438	9512	8520	9512	5310		7692
CADA Nashik		Mula	12128	13428	9032	14184	11554		7692
PIC Pune		NLBC	12934	12615	9261	15448	9205		7692
CADA Jalgaon		Hatnur	11713	8499	9581	14433	8315		7692
AIC Abad		NMC Express Mukane	8265	10604	17261	14862	5133		7692
CADA Pune		Kukadi	9707	11850	10355	11850	5125		7692
CADA Nashik		Bhandardara	12728	13055	11552	15574	10494		7692
UWPC Amravati		Upper Wardha	16263	5696	11804	20665	5696		7692
CADA Nagpur		Lower Wunna	12785	9663	11823	16840	8996		7692
CIPC Chandrapur		Bor	17673	17824	16579	18444	7422		7692
CADA Nashik		Kadva	24139	20459	23541	29907	20459		7692
CADA Nagpur	Surplus	Itiahdoh	11084	10196	7019	13254	9096	9186	7692
CADA Nagpur		Bagh	7043	6445	7891	8044	4902		7692
CADA Nagpur		Pench	11643	10364	12649	13219	9686		7692
CIPC Chandrapur	Abundant	Asola Mendha	6500	7172	2755	7254	3235	10014	7692
CIPC Chandrapur		Dina	5168	5320	4961	5943	4474		7692
SIC Sangli		Radhanagari	7963	8061	7776	10640	6190		7692
SIC Sangli		Warna	7735	7625	8999	10649	6453		7692
SIC Sangli		Tulashi	11791	14744	9446	17935	8559		7692
SIC Sangli		Dudhganga	9718	12777	11638	12777	7503		7692
CADA Pune		Krishna	13870	16784	14669	16784	6155		7692
TIC Thane		Bhatsa	22307	23559	19867	26493	17751		7692
TIC Thane		Surya	24189	25406	30452	43329	17556		7692
TIC Thane		Kal	27520	30442	31514	30871	6667		7692
									7692

Note:-Figures in red are not considered for calculating average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	8748	7906	8015	9734	7094	8015	7692
Deficit	CADA Nashik	5150	5799	5960	6119	3960	8329	7692
	NIC Nanded	10689	9690	6479	13970	4250		
	AIC Akola	6582	6946	6929	9622	5972		
	CADA Beed	11767	9939	7998	15240	9939		
	CADA Jalgaon	10888	14553	8696	14749	5146		
	CADA Abad	11252	13238	10630	16899	8541		
	BIPC Buldhana	8391	9087	11610	9199	3759		
Normal	YIC Yavatmal	14114	9749	2440	24600	0	9747	7692
	NIC Nanded	13986	13064	5320	19785	3927		
	AIC Akola	10194	8251	6026	21110	0		
	PIC Pune	9611	8821	7898	12010	8456		
	CADA Nashik	11693	12868	8614	12868	10837		
	CADA Jalgaon	10865	8499	9581	14433	8315		
	CADA Pune	8100	11244	9873	11244	5158		
	AIC Abad	7724	10604	17261	14862	5133		
	UWPC Amravati	16493	5696	11804	20665	5696		
	CADA Nagpur	12741	9663	11823	16840	8996		
	CIPC Chandrapur	16346	17824	16579	18444	7422		
Surplus	CADA Nagpur	10264	9349	10837	11806	8833	10837	7692
Abundant	CIPC Chandrapur	5420	6167	3965	6578	3870	9278	7692
	SIC Sangli	8654	9173	9200	10367	6662		
	CADA Pune	11684	16784	14669	16784	6155		
	TIC Thane	25279	26657	27331	30443	18712		

Note:-Figures in red are not considered for calculating average performance.

Indicator I(a): - Annual Area irrigated per unit of water supplied

Highly Deficit plan group :

CADA Solapur : Bhima project has Annual Area irrigated per unit of water supplied of 125 ha/M/cum which is retains last year's performance

Deficit plan group:

CADA Beed : Lower Terna has the maximum value ratio of 249 ha/Mm^3 under this circle, PRBC has 230 ha/Mm^3.Manjra 108 ha/Mm^3. There is an overall improvement of performance from 101 to 124 ha/M/cum for current year in comparison with past year.

BIPC Buldana : The performance has declined from 110 ha/Mm^3 to 86 Mm^3 for the current current year.

CADA Aurangabd: The performance of Jayakwadi (PLBC) has improved from 76 ha/Mm^3 to 94 ha/Mm^3 as compared to last year.

CADA Jalgaon: The performance of Girna has improved from 69 ha/Mm^3(2008-09) to 115 ha/Mm^3 for current year.

AIC Akola: The performance of Nalganga has improved from 144 ha/Mm^3.(2008-09) to 157 ha/Mm^3 for current year. Where as there is no irrigation in Katepurna project.

NIC Nanded: Purna project project has attained maximum value for this indicator i.e.166 ha/M/cum, it has increased in performance over past year(92 ha/M/cum)

Vishnupuri has retained its past years value, where as Manar has no irrigation in current year.

CADA Nashik: The performance of Chankapur has slightly declined from 172 ha/Mm^3 (2008-09) to 168 ha/Mm^3 for current year, though it is well above state norms.

Normal plan group:

CIPC Chandrapur: The performance of Bor project has slightly improved from 56 ha/Mm^3 (2008-09) to 60 ha/Mm^3 for current year.

CADA Nagpur: The performance of Lower Wunna has declined over last year i.e.from 103 ha/Mm^3 to 85 ha/Mm^3 for current year.

UWPC Amrawati: The performance of Upper Wardha has declined over last year 174 ha/Mm^3 to 85 ha/Mm^3 for current year.

AIC Aurangabad: The performance of NMC express canal has declined over last year from 94 ha/Mm^3 to 58 ha/Mm^3 for current year.

CADA Pune: In both the projects namely Kukdi & Ghod performance is improved over last year resulting overall increase in indicator value of this circle from 89 to 101 ha/M/cum as compared to last year.

CADA Jalgaon: Hatnur project has slightly declined performance for the current year i.e. from 108 ha/Mm^3 to 104 ha/Mm^3.

CADA Nashik: Gangapur project has attained maximum value of indicator under this circle with 366 ha/Mm3 for current year. Darna has 266 ha/Mm^3 UGC Ozerkhed has 255 ha/Mm^3 Waghad has 156ha/Mm^3 Palkhed has 147 ha/Mm^3, Mula has 111 ha/Mm^3,and Bhandardara has 87 ha/Mm^3 where as Kadva has minimum value of 42 ha/Mm^3, The over all performance of this circle it 116 ha/Mm^3.

PIC Pune: Pawana has attained maximum value for 153 ha/Mm^3, under this circle, where as Khadkwasla, NRBC and Chaskaman has average value in between 130 to 136 ha/Mm^3 . The average performance for this circle is 127 ha/Mm^3 in this year as against 113 ha/Mm^3 in last year.

AIC Akola: Pus project has improved performance from 121 ha/Mm^3 to 166 ha/Mm^3 as compared to last year.

NIC Nanded: Upper Penganga project has improved performance over last year from 77 ha/Mm^3 (2008-09) to 188 ha/Mm^3 in this year as single protective rotation being applied due to very less availability of water in this year.

YIC Yavatmal: Arunavati project has attained the value of 410 ha/Mm^3 for current year. It had 103 ha/Mm^3, for the year 2008-09.

Surplus plan group:

CADA Nagpur: Itiadoh has attained maximum value of 142 ha/Mm^3 under this circle where as in Bagh and Pench it is 127 & 79 ha/Mm^3 respectively.

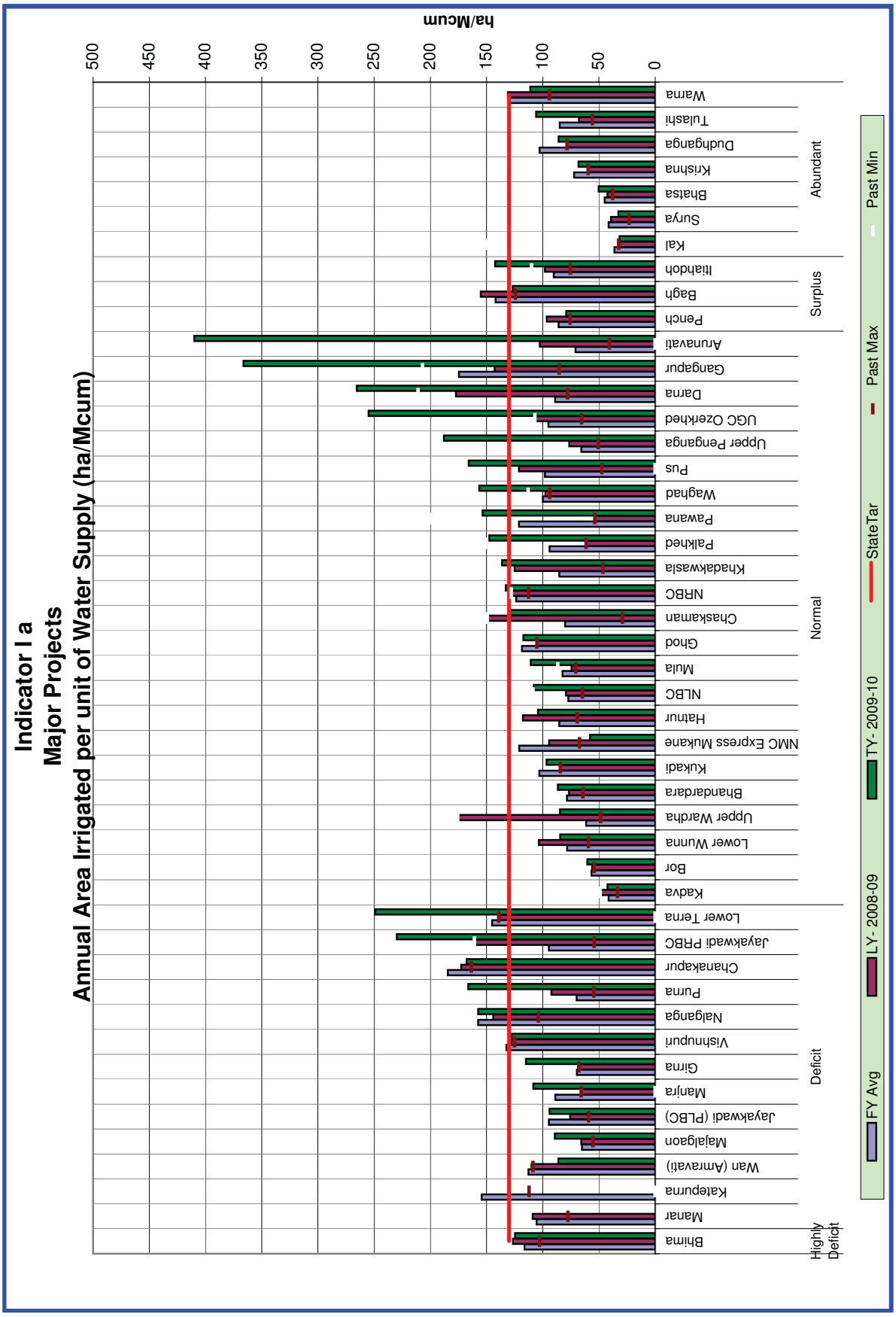
Abundant plan group:

TIC Thane: Bhatsa project has attained maximum value of 50 ha/Mm^3 whereas Surya and Kal have attained 33 & 32 ha/Mm^3 . The overall performance is 37 ha/Mm^3 retained its last year value.

CADA Pune: Krishna project has slightly improved over last years performance from 60 ha/Mm^3 to 68 ha/Mm^3 for current year.

SIC Sangli: Radhanagri project has attained maximum value under this circle i.e. 129 ha/Mm^3, Warna has 111 ha/Mm^3 and Tulsi has 106 ha/Mm^3. The over all performance has retained past years value. (109 ha/Mm^3).

CIPC Chandrapur: Asolamendha project has attained maximum value of 363 ha/Mm^3 for current year and Dina project ha 202 ha/Mm^3 . The over all performance of circle has improved from 162 to 252 ha/Mm^3 as compared to last year.


Indicator I a
Major Projects
Annual Area Irrigated per unit of Water Supply (ha/Mcum)
ha/Mcum
500
450
400
350
300
250
200
150
100
50
0
FY Avg
LY- 2008-09
TY- 2009-10
StateTar
Past Max
Past Min
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Manar
Kalepurna
Wan (Amravati)
Majalgaon
Jayakwadi (PLBC)
Manjra
Girna
Vishnupuri
Nalganga
Purna
Chanakapur
Jayakwadi PRBC
Lower Terna
Kadva
Bor
Lower Wunna
Upper Wardha
Bhandardara
Kukadi
NMC Express Mukane
Hatnur
NLBC
Mula
Ghod
Chaskaman
NRBC
Khadakwasla
Palkhed
Pawana
Waghad
Pus
Upper Penganga
UGC Ozerkhed
Darna
Gangapur
Arunavati
Pench
Bagh
Iliahdoh
Kal
Surya
Bhatsa
Krishna
Dudhganga
Tulashi
Warna

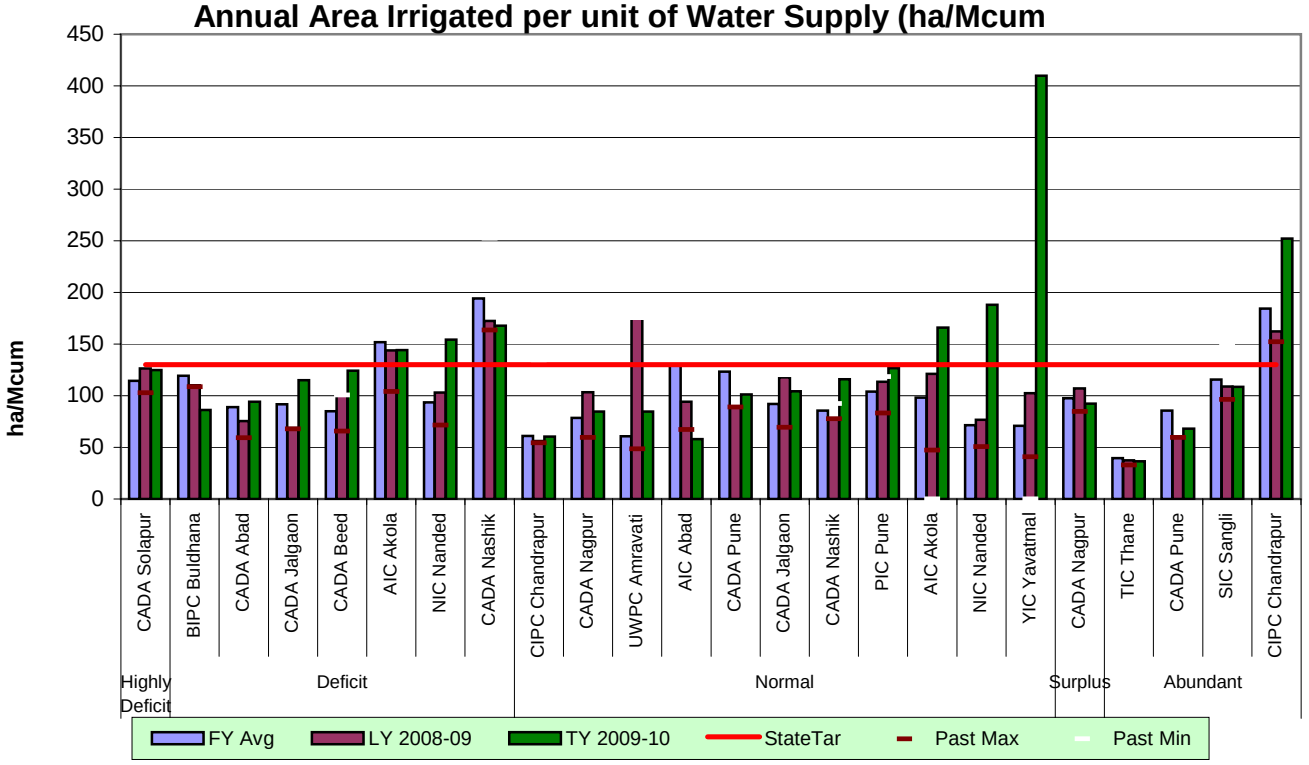
Indicator I a
Major Projects
Annual Area Irrigated per unit of Water Supplied (ha/Mm3)

Circle	Plan-group	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	116	126	125	141	103	141	130
AIC Akola	Deficit	Katepurna	154	0	0	174	0	103	130
NIC Nanded		Manar	106	109	0	163	77		130
BIPC Buldhana		Wan (Amravati)	113	110	86	266	109		130
CADA Beed		Majalgaon	65	66	89	163	55		130
CADA Abad		Jayakwadi (PLBC)	95	76	94	117	59		130
CADA Beed		Manjra	89	66	108	122	0		130
CADA Jalgaon		Girna	70	69	115	194	68		130
NIC Nanded		Vishnupuri	132	128	128	197	125		130
AIC Akola		Nalganga	157	144	157	277	104		130
NIC Nanded		Purna	70	92	166	464	54		130
CADA Nashik		Chanakapur	185	172	168	253	163		130
CADA Beed		Jayakwadi PRBC	95	161	230	161	54		130
CADA Beed		Lower Terna	145	139	249	161	0		130
CADA Nashik	Normal	Kadva	41	49	42	49	33	94	130
AIC Abad		NMC Express Mukane	121	94	58	195	67		130
CIPC Chandrapur		Bor	57	56	60	135	54		130
UWPC Amravati		Upper Wardha	61	176	85	176	48		130
CADA Nagpur		Lower Wunna	78	103	85	111	59		130
CADA Nashik		Bhandardara	79	77	87	95	64		130
CADA Pune		Kukadi	103	84	97	195	84		130
CADA Jalgaon		Hatnur	85	118	104	120	69		130
PIC Pune		NLBC	77	79	108	109	65		130
CADA Nashik		Mula	82	74	111	87	71		130
CADA Pune		Ghod	119	105	117	188	105		130
PIC Pune		Chaskaman	80	149	130	149	29		130
PIC Pune		NRBC	124	127	133	128	112		130
PIC Pune		Khadakwasla	85	125	136	154	46		130
CADA Nashik		Palkhed	94	61	147	150	61		130
PIC Pune		Pawana	121	54	153	201	54		130
CADA Nashik		Waghad	100	98	156	113	94		130
AIC Akola		Pus	98	121	166	126	0		130
NIC Nanded		Upper Penganga	66	77	188	255	51		130
CADA Nashik		UGC Ozerkhed	95	107	255	107	65		130
CADA Nashik		Darna	89	177	266	211	78		130
CADA Nashik		Gangapur	175	143	366	207	85		130
YIC Yavatmal		Arunavati	71	103	410	103	0		130
CADA Nagpur	Surplus	Pench	86	96	79	103	76	103	130
CADA Nagpur		Bagh	142	155	127	204	124		130
CADA Nagpur		Itiahdoh	90	98	142	110	75		130
TIC Thane	Abundant	Kal	36	33	32	150	32	77	130
TIC Thane		Surya	41	39	33	57	23		130
TIC Thane		Bhatsa	45	42	50	56	38		130
CADA Pune		Krishna	72	60	68	162	60		130
SIC Sangli		Dudhganga	103	78	86	133	78		130
SIC Sangli		Tulashi	85	68	106	117	56		130
SIC Sangli		Warna	129	131	111	155	94		130
SIC Sangli		Radhanagari	126	124	129	162	94		130
CIPC Chandrapur		Dina	194	188	202	224	168		130
CIPC Chandrapur		Asola Mendha	154	139	363	309	138		130

Note:-Figures in red are not considered for calculating average performance.

Indicator I a

Major Projects
Annual Area Irrigated per unit of Water Supply (ha/Mcum



Plan-group	Circle	FY Avg	LY	TY2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	114	126	125	103	141	125	130
Deficit	BIPC Buldhana	119	110	86	109	266	105	130
	CADA Abad	89	76	94	59	117		
	CADA Jalgaon	92	69	115	68	194		
	CADA Beed	85	101	124	66	101		
	AIC Akola	152	144	144	104	167		
	NIC Nanded	94	103	154	72	235		
	CADA Nashik	194	172	168	163	253		
Normal	CIPC Chandrapur	61	56	60	54	135	97	130
	CADA Nagpur	78	103	85	59	111		
	UWPC Amravati	61	176	85	48	176		
	AIC Abad	129	94	58	67	195		
	CADA Pune	123	89	101	89	194		
	CADA Jalgaon	92	118	104	69	120		
	CADA Nashik	86	78	116	78	92		
	PIC Pune	104	113	127	83	118		
	AIC Akola	98	121	166	47	0		
	NIC Nanded	72	77	188	51	255		
	YIC Yavatmal	71	103	410	41	0		
Surplus	CADA Nagpur	97	107	92	85	113	92	130
Abundant	TIC Thane	40	38	37	33	53	71	130
	CADA Pune	86	60	68	60	162		
	SIC Sangli	116	109	109	96	150		
	CIPC Chandrapur	185	162	252	152	258		

Note:-Figures in red are not considered for calculating average performance.

Indicator II: Potential Created & Utilised

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) Project, utilized irrigation potential is 55%. Large percentage of the potential utilized, is from river, and reservoir lifts.

Deficit plan group

BIPC Buldhana: In Wan Project, due to less availability, only 10% potential is utilized.

AIC Akola: In Nalganga project 75% of created potential is utilized.

CADA Beed: In all major projects (Majalgaon, Manjra, Lower Terna & PRBC), the overall ratio is below State norms. The average value of indicator is 0.62 which has decreased over last year's value 0.72; this is due to lesser availability of water in the reservoirs.

NIC Nanded: In Purna, the ratio is 1.59 because of irrigated area through reservoir & river lifts.

In Manar, due to lesser availability, no irrigation was possible whereas in Vishnupuri, the ratio has decreased to 0.18 though there was 100% availability in the reservoir. Lack of irrigation planning affected the ratio. Overall average performance of circle decreased from 1.50 to 0.61 due to lesser availability of water in two out of three projects.

CADA Jalgaon: In Girna project, 75% of effective potential was utilised last year. However, full effective potential is utilised this year.

CADA Nashik: In Chankapur project, there is consistency in full utilization of effective potential since last year.

CADA Aurangabad: In Jayakwadi project (PLBC), the ratio increased from 1.10 to 1.99 and this is due to area irrigated on reservoir lifts is 45% of canal irrigation which is not included in created potential on project.

Normal plan group

NIC Nanded: In Upper Penganga Project, the availability is very low and that too reserved for NI use, hence effective potential is nil resulting into ratio as zero.

AIC Aurangabad: In Nandur Madhmeshwar express canal the ratio decreased by 25% i.e. 0.24 (2008-09) to 0.18 this year. Project authorities are required to take efforts to utilize created irrigation potential fully.

YIC Yavatmal: In Arunawati project, 27% of potential is utilized with 10% available storage.

CIPC Chandrapur: Bor project was expected to irrigate at least 80% of the created potential as storage was 80%. But utilized irrigation potential is 50% of expected utilization.

UWPC Amaravati: In Upper Wardha project only 42% of potential is utilized in spite of 93% storage.

AIC Akola: In Pus project, potential utilization is less than State target.

CADA Nagpur: In Lower Wunna Project complex, utilization of irrigation potential is only 0.69 even though the storage availability was 90%.

CADA Jalgaon: In Hatnur project, the utilisation improved from 0.58 to 0.97 as compared to last year.

CADA Pune: In Kukadi Project, the utilized potential is 1.06%, which shows improvement in performance over last year.

In Ghod Project, the ratio is 1.46 due to inclusion of area under well irrigation also.

CADA Nashik: All major projects except Darna and Kadava have achieved the State norm.

PIC Pune: In Khadakwasla Project, the ratio comes to 1.00.

In N.R.B.C & N.L.B.C. the ratio comes to 1.25 as compared to 1.00 last year.

In Pawana Project, the ratio slightly improved from 0.37 last year to 0.39 this year; still it is far below the State norms. The field officers are advised to take efforts to improve the performance.

In Chaskaman project, the ratio comes to 0.94 which is better than last year's performance of 0.85.

Surplus plan group

CADA Nagpur: Utilisation of created potential in Pench, Bagh and Itiadoh projects is satisfactory.

Abundant plan group

TIC Thane: The ratio in Bhatsa, Kal-Amba & Surya is 0.31, 0.40 & 021 respectively. The performance of all the three projects is low as compared to last year.

SIC Sangli: The ratio of utilized irrigation potential to effective created potential in projects under this circle is as under;

Radhanagri 0.96, Tulshi 0.64, Warna 0.77 & Dhudhganga 1.89. In Dhudhganga project, the utilization is more due to lifts on river.

CADA Pune: In Krishna Project, the ratio comes to 1.04 this year similar to last year.

CIPC Chandrapur: Utilisation of created potential in Asolamendha and Dina projects is 1.61 and 1.60 respectively.

Review of silent features of Asolamendha project shows that CCA is 37945Ha and ICA is 5594Ha. Utilisation is 8894Ha. It seems that irrigation is done over the entire CCA of the project. Updating of created potential is necessary in this project.

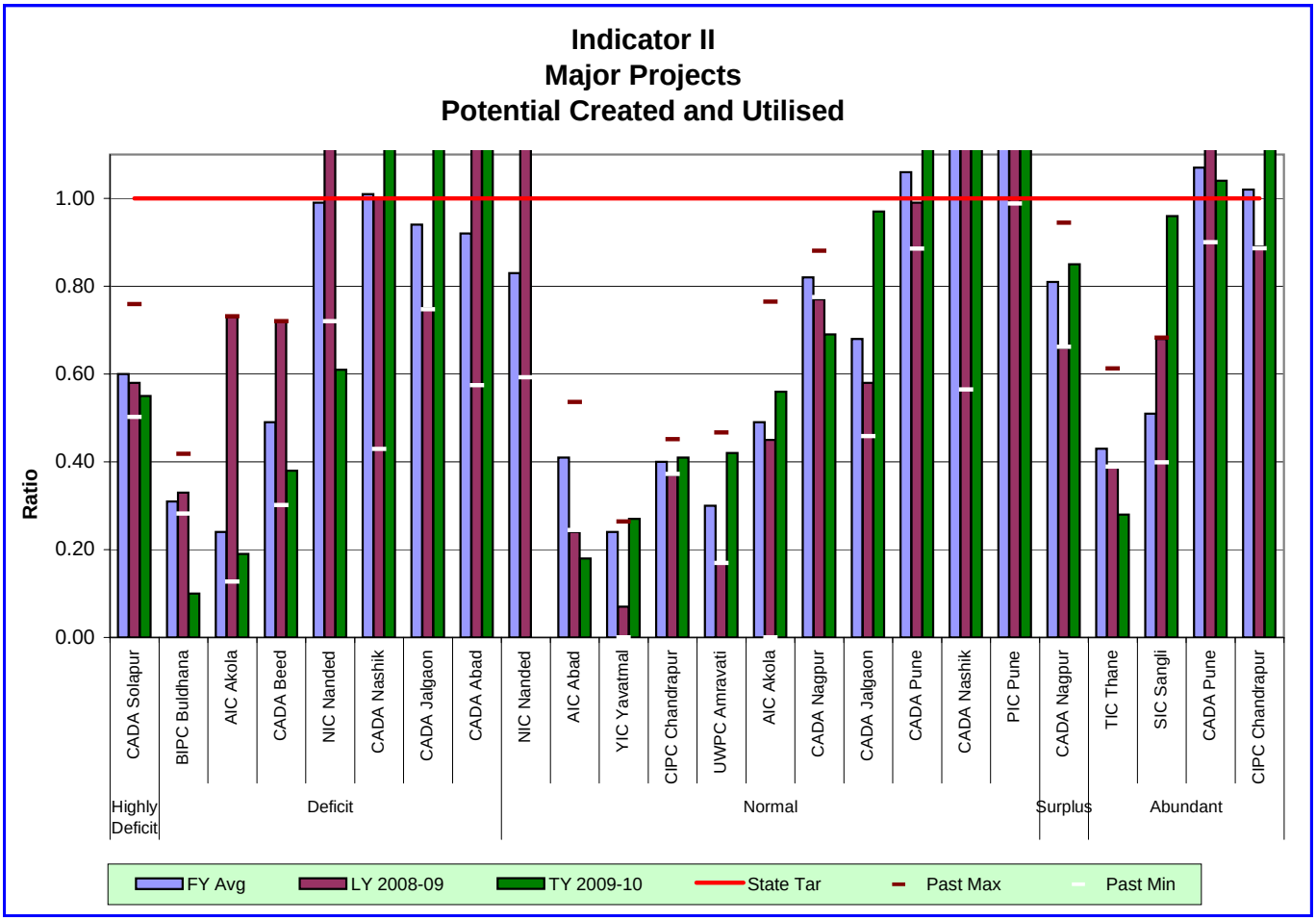
In Dina project, effective irrigation potential is calculated based on storage on 15th October. Maximum storage available was 89%. Therefore ratio of utilization based on 15th October storage appears to be high.

Indicator II
Major Projects
Potential Created and Utilised
Ratio
1.00
0.80
0.60
0.40
0.20
0.00
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Manar
Katepurna
Wan (Amravati)
Majalgaon
Vishnupuri
Jayakwadi PRBC
Nalganga
Lower Terna
Manjra
Chanakapur
Purna
Girna
Jayakwadi (PLBC)
Upper Penganga
NMC Express Mulkane
Arunavati
Pawana
Bor
Upper Wardha
Pus
Lower Wunna
Darna
Kadva
Chaskaman
Hatnur
Kukadi
Khadakwasla
Mula
Palkhed
Ghod
Waghad
Gangapur
NLBC
UGC Ozerkhed
Bhandardara
NRBC
Pench
Bagh
Itiadoh
Surya
Bhatsa
Kal
Tulashi
Warna
Radhanagari
Krishna
Dina
Asola Mendha
Dudhganga
Fy Avg
LY- 2008-09
TY- 2009-10
State Tar
Past Max
Past Min

Indicator II
Major Projects
Potential Created and Utilized

Circle	Plan-Group	Project	Fy Avg	LY- 2008-(	TY- 2009-1	Past Max	Past Min	Avg Per	State Tar
CADA Solapur	Highly Deficit	Bhima	0.60	0.58	0.55	0.76	0.50	0.55	1
NIC Nanded	Deficit	Manar	0.73	0.22	0.00	0.85	0.22	0.68	1
AIC Akola		Katepurna	0.47	0.00	0.00	0.59	0.00		1
BIPC Buldhana		Wan (Amravati)	0.30	0.33	0.10	0.42	0.28		1
CADA Beed		Majalgaon	0.55	0.60	0.15	0.95	0.36		1
NIC Nanded		Vishnupuri	0.96	1.34	0.18	1.34	0.74		1
CADA Beed		Jayakwadi PRBC	0.48	0.96	0.63	3.24	0.23		1
AIC Akola		Nalganga	0.14	0.73	0.75	0.73	0.00		1
CADA Beed		Lower Terna	0.34	0.40	0.85	0.44	0.00		1
CADA Beed		Manjra	0.61	0.74	0.87	0.76	0.00		1
CADA Nashik		Chanakapur	1.14	1.00	1.25	6.14	0.43		1
NIC Nanded		Purna	1.03	2.30	1.59	8.29	0.68		1
CADA Jalgaon		Girna	0.95	0.75	1.81	1.19	0.75		1
CADA Abad		Jayakwadi (PLBC)	0.95	1.12	2.12	1.27	0.57		1
NIC Nanded	Normal	Upper Penganga	0.79	1.45	0.00	4.00	0.59	0.78	1
AIC Abad		NMC Express Mukane	0.38	0.24	0.18	0.54	0.24		1
YIC Yavatmal		Arunavati	0.24	0.07	0.27	0.26	0.00		1
PIC Pune		Pawana	0.51	0.37	0.39	1.00	0.00		1
CIPC Chandrapur		Bor	0.40	0.37	0.41	0.45	0.37		1
UWPC Amravati		Upper Wardha	0.31	0.17	0.42	0.47	0.17		1
AIC Akola		Pus	0.49	0.45	0.56	0.76	0.00		1
CADA Nagpur		Lower Wunna	0.82	0.77	0.69	0.88	0.77		1
CADA Nashik		Darna	0.84	0.18	0.71	1.37	0.00		1
CADA Nashik		Kadva	1.09	1.11	0.75	1.20	0.25		1
PIC Pune		Chaskaman	0.68	0.85	0.94	0.85	0.45		1
CADA Jalgaon		Hatnur	0.67	0.58	0.97	1.77	0.46		1
CADA Pune		Kukadi	0.95	0.77	1.06	1.46	0.77		1
PIC Pune		Khadakwasla	0.82	1.10	1.25	1.10	0.48		1
CADA Nashik		Mula	1.21	1.21	1.30	1.36	0.51		1
CADA Nashik		Palkhed	1.48	1.78	1.39	1.78	0.25		1
CADA Pune		Ghod	1.92	2.41	1.46	2.41	1.11		1
CADA Nashik		Waghad	1.68	2.16	1.94	2.16	1.06		1
CADA Nashik		Gangapur	1.81	1.64	2.07	2.87	0.17		1
PIC Pune		NLBC	2.11	2.44	2.60	2.44	0.78		1
CADA Nashik		UGC Ozerkhed	1.88	2.56	2.99	2.56	0.22		1
CADA Nashik		Bhandardara	2.92	3.31	3.19	3.82	1.39		1
PIC Pune		NRBC	1.78	1.19	3.44	2.72	1.19		1
CADA Nagpur	Surplus	Pench	0.75	0.53	0.80	0.91	0.53	0.93	1
CADA Nagpur		Bagh	0.94	1.00	1.00	1.14	0.81		1
CADA Nagpur		Itiahdoh	1.00	1.00	1.00	1.12	0.99		1
TIC Thane	Abundant	Surya	0.35	0.29	0.21	0.68	0.29	0.73	1
TIC Thane		Bhatsa	0.36	0.36	0.31	0.47	0.26		1
TIC Thane		Kal	0.82	0.66	0.40	1.00	0.52		1
SIC Sangli		Tulashi	0.69	0.63	0.64	1.56	0.52		1
SIC Sangli		Warna	0.43	0.95	0.77	0.95	0.20		1
SIC Sangli		Radhanagari	0.97	0.97	0.96	1.01	0.77		1
CADA Pune		Krishna	1.11	1.26	1.04	1.29	0.90		1
CIPC Chandrapur		Dina	1.00	1.02	1.60	1.35	0.97		1
CIPC Chandrapur		Asola Mendha	0.90	0.77	1.61	1.53	0.77		1
SIC Sangli		Dudhganga	0.39	0.37	1.89	1.77	0.31		1

Note:- Zero is excluded & Figures exceeding one are considered as one only for calcuting average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	0.60	0.58	0.55	0.76	0.50	0.55	1
Deficit	BIPC Buldhana	0.31	0.33	0.10	0.42	0.28	0.66	1
	AIC Akola	0.24	0.73	0.19	0.73	0.13		
	CADA Beed	0.49	0.72	0.38	0.72	0.30		
	NIC Nanded	0.99	1.50	0.61	1.50	0.72		
	CADA Nashik	1.01	1.00	1.25	6.14	0.43		
	CADA Jalgaon	0.94	0.75	1.81	1.19	0.75		
	CADA Abad	0.92	1.12	2.12	1.27	0.57		
Normal	NIC Nanded	0.83	1.45	0.00	4.00	0.59	0.65	1
	AIC Abad	0.41	0.24	0.18	0.54	0.24		
	YIC Yavatmal	0.24	0.07	0.27	0.26	0.00		
	CIPC Chandrapur	0.40	0.37	0.41	0.45	0.37		
	UWPC Amravati	0.30	0.17	0.42	0.47	0.17		
	AIC Akola	0.49	0.45	0.56	0.76	0.00		
	CADA Nagpur	0.82	0.77	0.69	0.88	0.77		
	CADA Jalgaon	0.68	0.58	0.97	1.77	0.46		
	CADA Pune	1.06	0.99	1.14	1.55	0.89		
	CADA Nashik	1.25	1.53	1.67	1.56	0.56		
	PIC Pune	1.36	1.29	2.16	1.78	0.99		
Surplus	CADA Nagpur	0.81	0.66	0.85	0.94	0.66	0.85	1
Abundant	TIC Thane	0.43	0.39	0.28	0.61	0.39	0.81	1
	SIC Sangli	0.51	0.68	0.96	0.68	0.40		
	CADA Pune	1.07	1.26	1.04	1.29	0.90		
	CIPC Chandrapur	1.02	0.89	1.60	1.44	0.89		

Note:- Zero is excluded & Figures exeeeding one are considered as one only for calcuting average performance.

39**Indicator III: Output per unit irrigated area (Rs/Ha)**

Highly deficit Plan group

CADA Solapur: In Bhima project, the agricultural output is Rs.43063/Ha. It is double the State norm consecutively for last five years.

Deficit plan group

CADA Jalgaon: In Girna project, output per hectare is reduced from Rs. 16454 (2008-09) to Rs. 15219 (2009-10), which is about 65% of the State norm. The reduction in output is due to reduction in Rabi, two seasonal and perennial crops.

BIPC Buldhana: Due to 80% Rabi crops in Wan project, the output per unit irrigated area is less than the State target.

NIC Nanded: In Vishnupuri, the agricultural output is reduced from Rs.22847 (2008-09) to Rs.19126 whereas it increased in Purna Project from Rs.17635 (2008-09) to Rs. 20948/ha, both the projects are below State norms. In Manar, there is no irrigation by any source as reported by the project authorities. Hence the output is nil.

CADA Nashik: In Chankapur project, the output per hectare slightly reduced from Rs.21952 to Rs. 21647, which is just near the State norm. The reduction in output is due to reduction in total irrigated area from 8065 to 7922 hectares as compared to last year.

CADA Aurangabad: In Jayakwadi Project (PLBC), the agricultural output increased from Rs. 24170 (2008-09) to Rs. 36429 per hectare due to increase in perennial crops.

CADA Beed: In Majalgaon project, the output improved to Rs. 42640 per hectare as compared last year. This is due to 84% perennial crops as against 35% last year.

In Manjra, it is Rs. 47528/ha as against Rs 41240/ha last year. This is due to increase in perennial crops by 6 % over last year.

In Lower Terna, the output is Rs. 27978/ha as compared Rs. 25052/ha last year, due to 6% increase in perennial crops over last year.

In Jayakwadi Project (PRBC) the agricultural output increased from Rs. 9280/ha (2008-09) to Rs. 33219/ha, due to increase in perennial crops.

AIC Akola: In Nalganga Project, output per unit area is more than the State target due to 60% cash crops over the assessed area.

Normal plan group

CADA Nagpur: In case of Lower Wunna project, output per unit area irrigated is very much more than last year and last five year average. But it is less than State target and plan group average.

AIC Aurangabad: In Nandur Madhmeshwar express canal, the output decreased from Rs. 25191 (2008-09) to Rs.17968/ha, this year because of no area under HW groundnut, which was 87 hectares last year.

CIPC Chandrapur: Output per unit area in Bor Project is less than last year, last five year average, State target and plan group average.

YIC Yeotmal: In Arunavati Project, output per unit irrigated area is slightly more than the State target but reduced over last year.

AIC Akola: In Pus project, the output per unit irrigated area is just above the State target but comparatively less than previous year.

4**NIC Nanded:** In Upper Penganga Project, the output increased from Rs. 21749/ha in 2008-09 to Rs. 30010/ha in 2009-10, because of 10% increase in perennial crops.

UWPC Amaravati: Output per unit area in Upper Wardha project is above State target & last year, indicating the progressive performance.

PIC Pune: In Khadakwasla Project, the output is Rs. 43711/ha. Last year it was Rs. 43990.

In Neera Right Bank Canal, the output is Rs. 26963 per hectare, which is just above the State target.

In Neera Left Bank Canal, the output is Rs. 43194/Ha. It increased over last year and is above the State norm. The output in NLBC is 1.6 times that of NRBC, mainly because of Sugarcane & Kharif cash crops over more area in NLBC.

In Pawana Project, the output is Rs. 94443 per hectare. It increased compared to last year, due to increase in area under cash crops like sugarcane & vegetables.

In Chaskaman, output decreased from Rs.17192 to Rs.14380 this year and it is below the State target.

CADA Pune: In Kukadi Project, the output is Rs. 36106 per hectare. The improvement over last year is mainly due to increase in hot weather cash crops.

In Ghod Project, the output increased from 24483/Ha to 29126/Ha this year and it is better than the State norms.

CADA Jalgaon: In Hatnur project, though the output per hectare reduced from Rs. 53560 (2008-09) to Rs. 41818 (2009-10) it is on higher side of the State norm.

CADA Nashik: In all the projects, the output per hectare is above the State norm. There is consistency in higher output since last two years.

Surplus plan group

CADA Nagpur: The output per unit irrigated area in Bagh, Itiadoh & Pench projects has reduced drastically.

Abundant plan group

CIPC Chandrapur: Output per unit irrigated area in Asolamendha and Dina projects has reduced drastically.

CADA Pune: In Krishna Project, there is slight increase from Rs. 25026 to Rs. 26705 per hectare, this year.

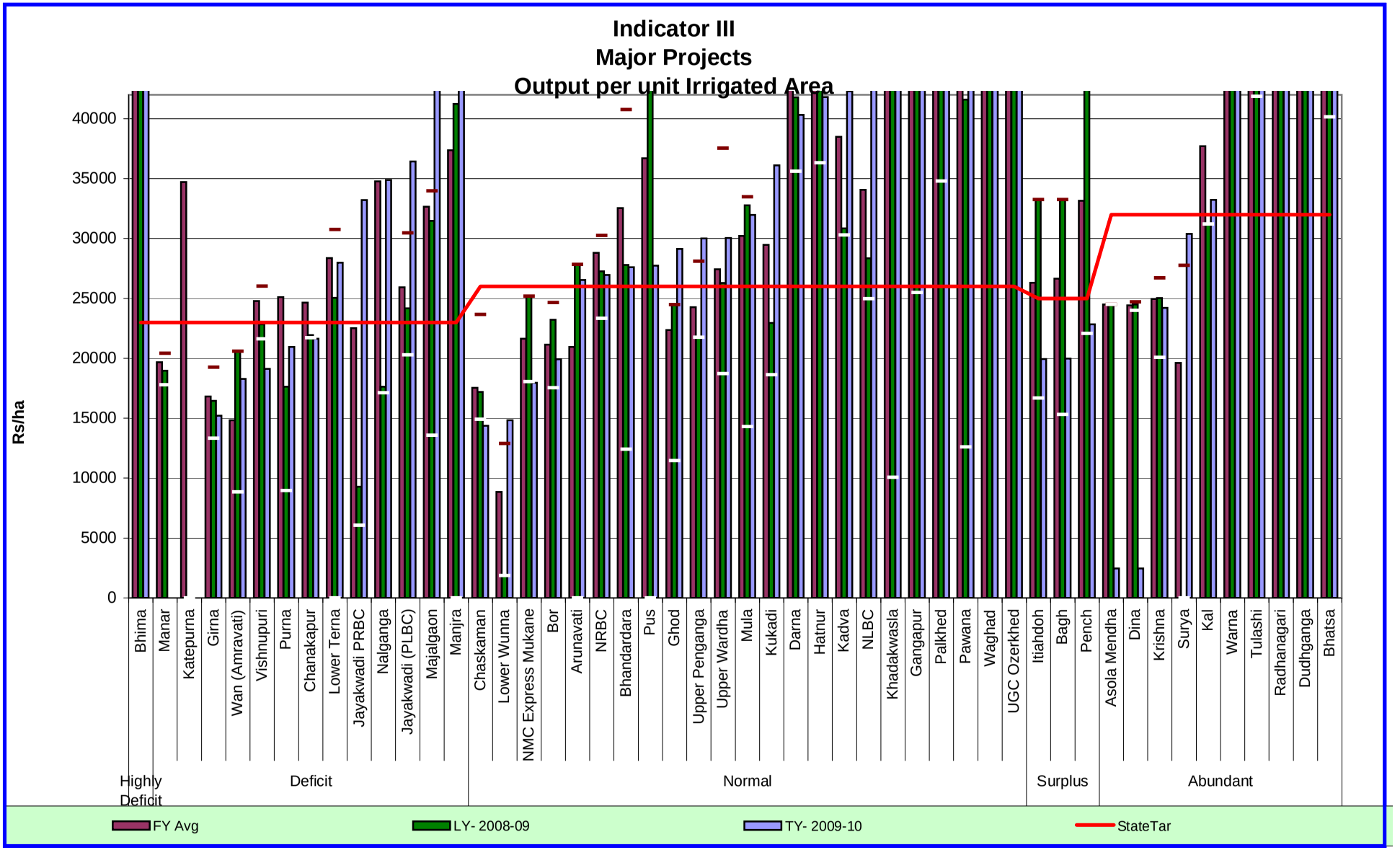
SIC Sangli:-The agricultural output per unit area in different projects is as under;

Radhanagri Rs. 58668, Tulsi Rs. 54257, Warna Rs. 49379 & Dhudhganga Rs. 71699. In Dhudhganga, the output increased by more than 20% over last year. The output in all the projects is quite high compared to State norm due to cash crops on large area.

TIC Thane: The agricultural output per unit area in different projects under this circle is as under;

Bhatsa - Rs. 201272, Kal-Amba - Rs. 33226 & Surya - Rs. 30387.

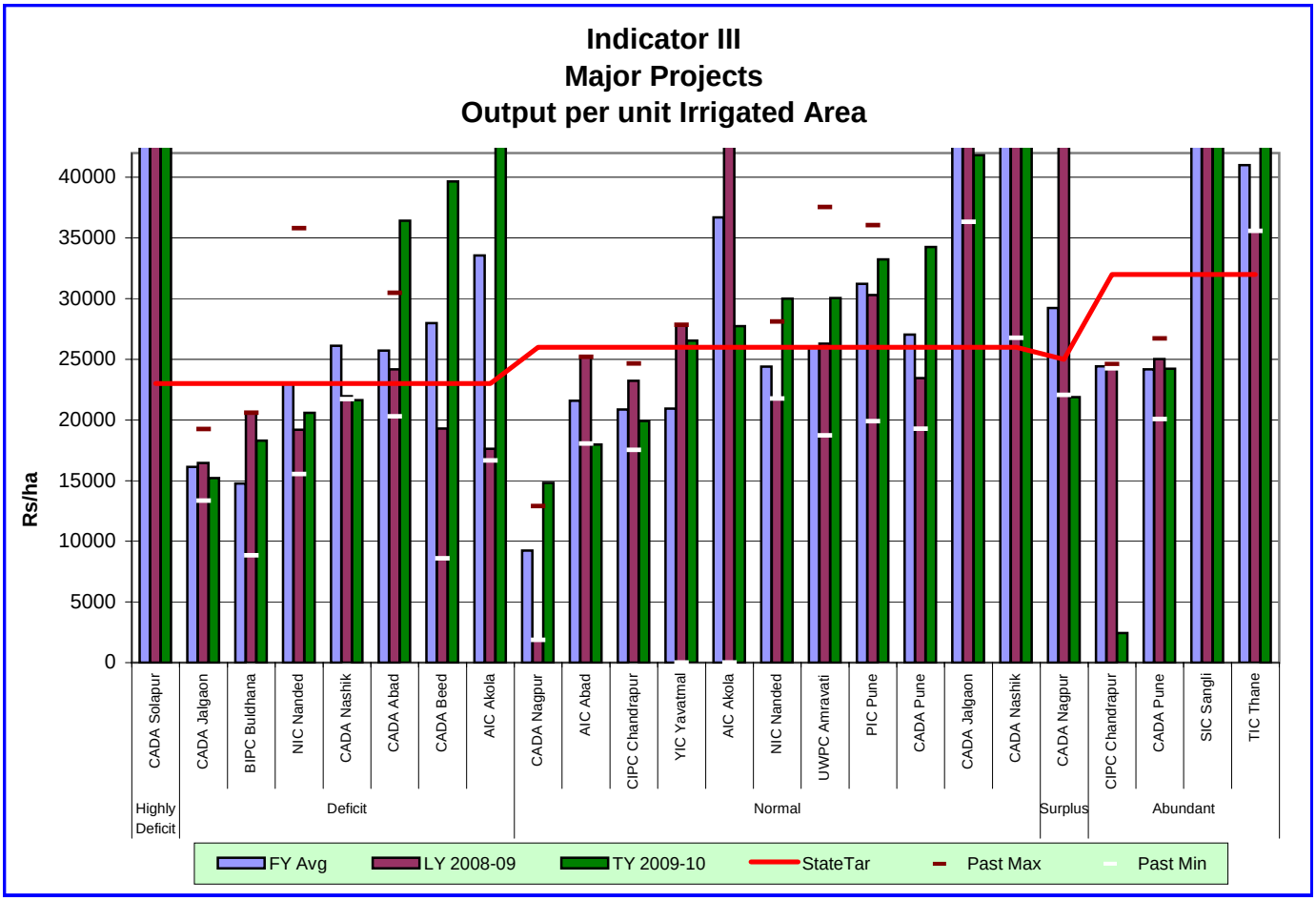
The output in Bhatsa mainly increased due to change of 50 percent of area to Rabbi based crops.


Indicator III
Major Projects
Output per unit Irrigated Area
Rs/ha
40000
35000
30000
25000
20000
15000
10000
5000
0
Bhima
Manar
Katepurna
Gima
Wan (Amravati)
Vishnupuri
Purna
Chanakapur
Lower Terna
Jayakwadi PRBC
Nalganga
Jayakwadi (PLBC)
Majalgaon
Manjra
Chaskaman
Lower Wunna
NMC Express Mukane
Bor
Arunavati
NRBC
Bhandardara
Pus
Ghod
Upper Penganga
Upper Wardha
Mula
Kukadi
Darna
Hatnur
Kadva
NLBC
Khadakwasla
Gangapur
Palkhed
Pawana
Waghad
UGC Ozerkhed
Itiahdoh
Bagh
Pench
Asola Mendha
Dina
Krishna
Surya
Kal
Warna
Tulashi
Radhanagari
Dudhganga
Bhatsa
Highly Deficit
Deficit
Normal
Surplus
Abundant
FY Avg
LY- 2008-09
TY- 2009-10
StateTar

Indicator III
Major Projects
Output per Unit Irrigated Area (Rs/ha)

Circle	Plan-group	Project	FY Avg	LY- 2008-(	TY- 2009-1	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	46642	43666	43063	52374	43666	43063	23000
NIC Nanded	Deficit	Manar	19683	18977	0	20424	17779	27039	23000
AIC Akola		Katepurna	34721	0	0	47049	0		23000
CADA Jalgaon		Girna	16809	16454	15219	19250	13334		23000
BIPC Buldhana		Wan (Amravati)	14824	20593	18289	20593	8850		23000
NIC Nanded		Vishnupuri	24789	22847	19126	26031	21613		23000
NIC Nanded		Purna	25106	17635	20948	42361	8955		23000
CADA Nashik		Chanakapur	24645	21952	21647	43133	21710		23000
CADA Beed		Lower Terna	28366	25052	27978	30760	0		23000
CADA Beed		Jayakwadi PRBC	22507	9280	33219	49897	6067		23000
AIC Akola		Nalganga	34777	17633	34896	45215	17113		23000
CADA Abad		Jayakwadi (PLBC)	25921	24170	36429	30463	20282		23000
CADA Beed		Majalgaon	32660	31467	42640	33976	13568		23000
CADA Beed		Manjra	37358	41240	47528	64528	0		23000
PIC Pune	Normal	Chaskaman	17538	17192	14380	23664	14918	31172	26000
CADA Nagpur		Lower Wunna	8849	1871	14823	12892	1871		26000
AIC Abad		NMC Express Mukane	21633	25191	17968	25191	18049		26000
CIPC Chandrapur		Bor	21134	23228	19921	24650	17535		26000
YIC Yavatmal		Arunavati	20949	27839	26531	27839	0		26000
PIC Pune		NRBC	28804	27262	26963	30249	23330		26000
CADA Nashik		Bhandardara	32536	27791	27603	40756	12414		26000
AIC Akola		Pus	36700	52858	27734	60864	0		26000
CADA Pune		Ghod	22361	24483	29126	24483	11460		26000
NIC Nanded		Upper Penganga	24265	21749	30010	28108	21749		26000
UWPC Amravati		Upper Wardha	27434	26294	30047	37535	18719		26000
CADA Nashik		Mula	30224	32781	31971	33478	14292		26000
CADA Pune		Kukadi	29482	22957	36106	53569	18625		26000
CADA Nashik		Darna	45927	41794	40330	46334	35618		26000
CADA Jalgaon		Hatnur	48871	53560	41818	77415	36315		26000
CADA Nashik		Kadva	38492	30856	42292	55917	30303		26000
PIC Pune		NLBC	34068	28355	43194	42197	24972		26000
PIC Pune		Khadakwasla	47216	43990	43711	58000	10075		26000
CADA Nashik		Gangapur	44359	65707	47745	96174	25485		26000
CADA Nashik		Palkhed	89440	100473	83563	123845	34791		26000
PIC Pune		Pawana	52191	41597	94443	57065	12610		26000
CADA Nashik		Waghad	150361	156772	144696	190886	88552		26000
CADA Nashik		UGC Ozerkhed	142870	180509	183389	185460	53408		26000
CADA Nagpur	Surplus	Itiahdoh	26317	33250	19950	33250	16685	20926	25000
CADA Nagpur		Bagh	26658	33250	19987	33250	15314		25000
CADA Nagpur		Pench	33156	56908	22841	56908	22072		25000
CIPC Chandrapur	Abundant	Asola Mendha	24500	24500	2450	24500	24500	31880	32000
CIPC Chandrapur		Dina	24427	24500	2450	24700	24000		32000
CADA Pune		Krishna	24960	25026	24219	26705	20076		32000
TIC Thane		Surya	19613	0	30387	27767	0		32000
TIC Thane		Kal	37717	31214	33226	100000	31214		32000
SIC Sangli		Warna	55247	49896	49379	64638	49896		32000
SIC Sangli		Tulashi	57157	52399	54257	72396	41868		32000
SIC Sangli		Radhanagari	56983	59680	58668	67344	44974		32000
SIC Sangli		Dudhganga	58228	58644	71699	59807	46083		32000
TIC Thane		Bhatsa	70991	90286	201272	90286	40143		32000

Note:-Figures in red are not considered for calculating average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	46179	43666	43061	52374	43666	43061	23000
Deficit	CADA Jalgaon	16131	16454	15219	19250	13334	25306	23000
	BIPC Buldhana	14760	20593	18289	20593	8850		
	NIC Nanded	23064	19187	20598	35801	15545		
	CADA Nashik	26116	21952	21647	43133	21710		
	CADA Abad	25725	24170	36429	30463	20282		
	CADA Beed	27978	19300	39656	47369	8580		
	AIC Akola	33562	17633	71193	42150	16658		
Normal	CADA Nagpur	9232	1871	14823	12892	1871	27636	26000
	AIC Abad	21592	25191	17968	25191	18049		
	CIPC Chandrapur	20864	23228	19921	24650	17535		
	YIC Yavatmal	20949	27839	26531	27839	0		
	AIC Akola	36700	52858	27734	60864	0		
	NIC Nanded	24403	21749	30010	28108	21749		
	UWPC Amravati	26066	26294	30047	37535	18719		
	PIC Pune	31228	30298	33248	36048	19903		
	CADA Pune	27047	23447	34259	45757	19262		
	CADA Jalgaon	51782	53560	41818	77415	36315		
	CADA Nashik	52319	66420	57006	68973	26755		
Surplus	CADA Nagpur	29228	46835	21896	46835	22058	21896	25000
Abundant	CIPC Chandrapur	24422	24500	2450	24602	24261	28237	32000
	CADA Pune	24179	25026	24219	26705	20076		
	SIC Sangli	55628	55495	58042	64516	50324		
	TIC Thane	41009	35582	86826	48919	35582		

Note:-Figures in red are not considered for calculating average performance.

Indicator IV: Output per unit irrigation water supply

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) project, output per unit water supply for is Rs.4.69 per cum. Overall performance is very good.

Deficit plan group

BIPC Buldhana: Output realized per unit of irrigation water supply in Wan project (Rs 2.80/cum) is better than previous year but is just lower than State norm of Rs2.99/cum.

NIC Nanded: In Manar project, the value was Rs. 3.31 per cum in 2008-09, but due to non availability of water this year, there was no irrigation and hence output is nil. In Vishnupuri, the value decreased from Rs. 2.97 (2008-09) to 1.95 per cum (2009-10), due to less area under perennial crops, whereas in Purna project, the output increased from Rs. 2.30 to Rs. 4.06 per cum as compared to last year, this is due to single protective rotation applied both in Rabbi & Hot Weather season in view of lesser availability of water.

CADA Beed: In Majalgaon project, the indicator increased from Rs. 2.06 in 2008-09 to Rs 4.55 per cum this year due to protective rotation applied, whereas in Jayakwadi Project (PRBC), the value increased from Rs. 1.49 (2008-09) to Rs. 19.82 per cum because of 60% utilized potential being on wells in command and consisting of 55% perennial crops. In Manjra & Lower Terna, the values increased from Rs. 4.82 to Rs. 5.51 per cum & Rs. 3.95 to 6.05 per cum respectively, mainly due to protective rotation applied as well as increase in area under perennial crops. Indicator value is more than State norm. Overall average output per cum of water supplied has increased for this circle.

CADA Aurangabad: In Jayakwadi project (PLBC), indicator value increased from Rs. 2.94 to Rs. 9.32 per cum. This is due to single protective rotation applied.

CADA Jalgaon: In Girna project, the output per unit irrigation water supply increased from Rs. 2.31 to Rs 9.46 per cum, which is 2.4 times higher than the State norm.

AIC Akola: In Nalganga project, the ratio is above the State target and last year value, due to cash crops.

CADA Nashik: In Chankapur project, the output per unit irrigation water supplied is on higher side (Rs. 12.64 per cum) as the water use per unit irrigated area has not exceeded the State norm i.e. water is utilised for irrigation precisely.

Normal plan group

CIPC Chandrapur: In Bor Project, output per unit irrigation water supply decreased from Rs.1.82 to Rs.1.62.

AIC Aurangabad: In Nandur Madhmeshwar express canal, output reduced from Rs. 2.38 in 2008-09 to Rs. 1.04 per cum because of reduction in area under Hot Weather Groundnut.

CADA Nagpur: In Lower Wunna Project, the output per unit irrigation water supply increased from Rs.0.28 to Rs.1.90.

UWPC Amarawati: In Upper Wardha project, the output is at par with the State target value but decreased over last year.

AIC Akola: In Pus project, water use is on reservoir, river & wells only which is the reason for increasing the output per unit irrigation water supply.

CADA Pune: In Kukadi Project, the output works out to Rs. 7.04 per cum. Though the increase in output per unit area is only 1.6 times, the output per unit water supply is doubled; this indicates economical water use during 2009-10. In Ghod Project output is slightly less (Rs.6.99/cum) than last year (Rs. 7.16/cum).

PIC Pune: In Khadakwasla Project, the output is as high as Rs. 14.03 per cum. The improvement is due to about 30% less water use. In NLBC, the output increased from Rs. 6.32 to Rs. 9.80 per cum this year. In NRBC, the output increased from Rs. 6.84 to 8.07 per cum this year because of repairs to canal system and rainfall during rotation period causing less utilisation of water. In Pawana the output increased from Rs. 2.23 last year to Rs. 10.57 per cum this year, because of 50% saving in water use. In Chaskaman project, output increased from Rs. 2.38 to 3.83 per cum this year. The overall performance of projects under this circle is above the State target.

YIC Yevatmal: In Arunawati project, less use of water for irrigation has increased the ratio of output to irrigation water supply over State target & previous year value.

CADA Nashik: In all the projects, the output per unit irrigation water supply is quite high as compared to the State norm due to cash crops in the command.

CADA Jalgaon: In Hatnur project, the output per unit irrigation water supply increased from Rs.13.48 in 2008-09 to Rs. 13.74 per cum in 2009-10, which is on higher side of the State norm, due to cash crops (Banana & Sugarcane) in the command.

NIC Nanded: In Upper Penganga project, the value of indicator increased from Rs 3.09 to 308.30 per cum this year, mainly due to 13736 hectares being irrigated on wells in command out of 13992 hectare utilised potential.

Surplus plan group

CADA Nagpur: Output per unit irrigation water supply of Pench, Bagh and Itiadoh Projects is less than the output of previous year and State target.

Abundant plan group

CIPC Chandrapur: Output per unit irrigation water supply of Asolamendha and Dina Projects is very less compared to output of previous year and State target as paddy is dominant. Perennial cash crops like sugarcane, banana are not grown in this area.

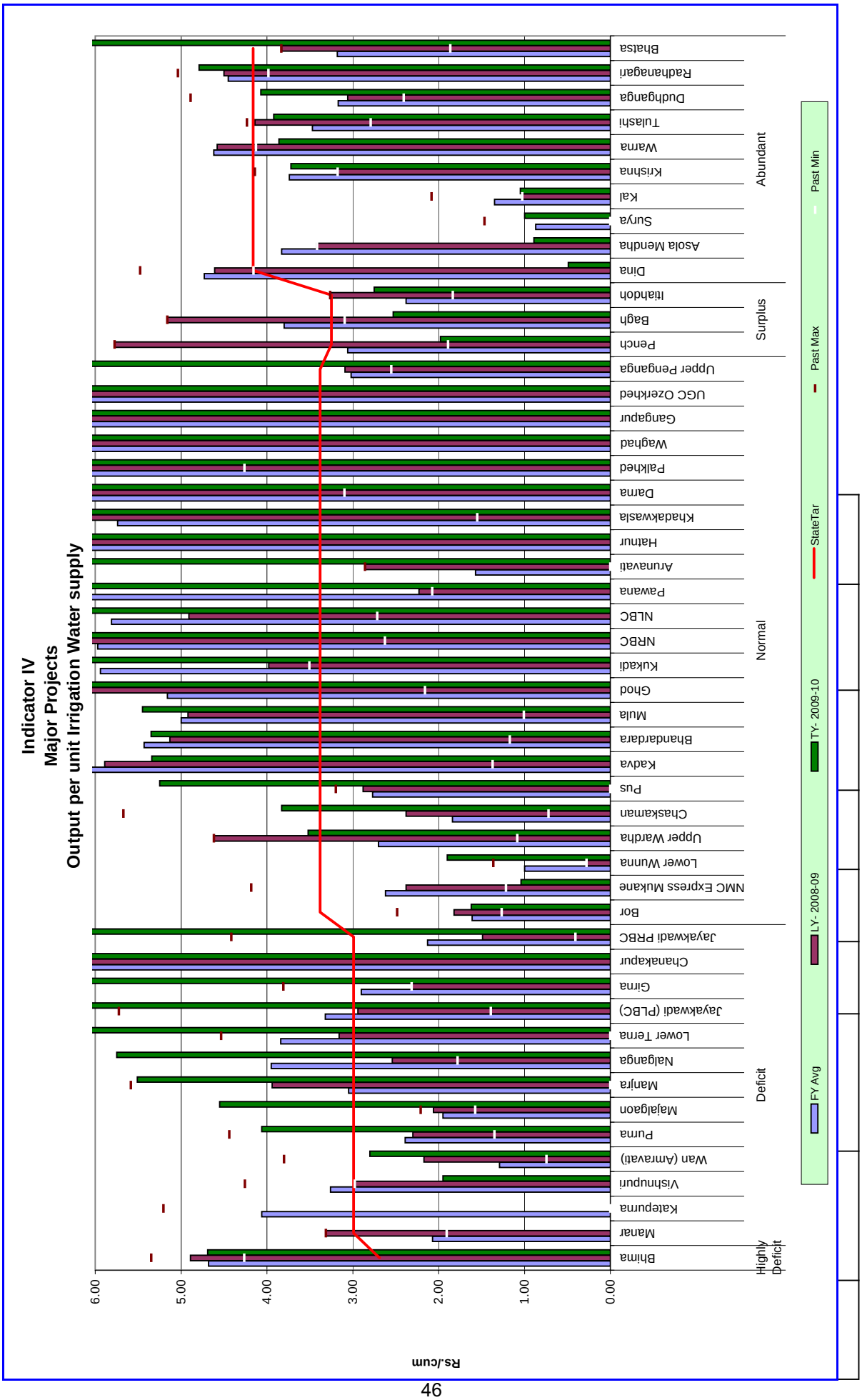
TIC Thane: The output per unit water supply in different projects under this circle is as under;

Bhatsa 10.13, Kal-Amba 1.05 & Surya 1.00. Compared with last year, overall performance is improved, only the performance of Bhatsa project is above the State norm.

CADA Pune: In Krishna Project, there is slight improvement in the output from Rs.3.18 to Rs. 3.72 per cum, but it is still below State target.

SIC Sangli: The output per unit water supply in different projects under this circle is as under;

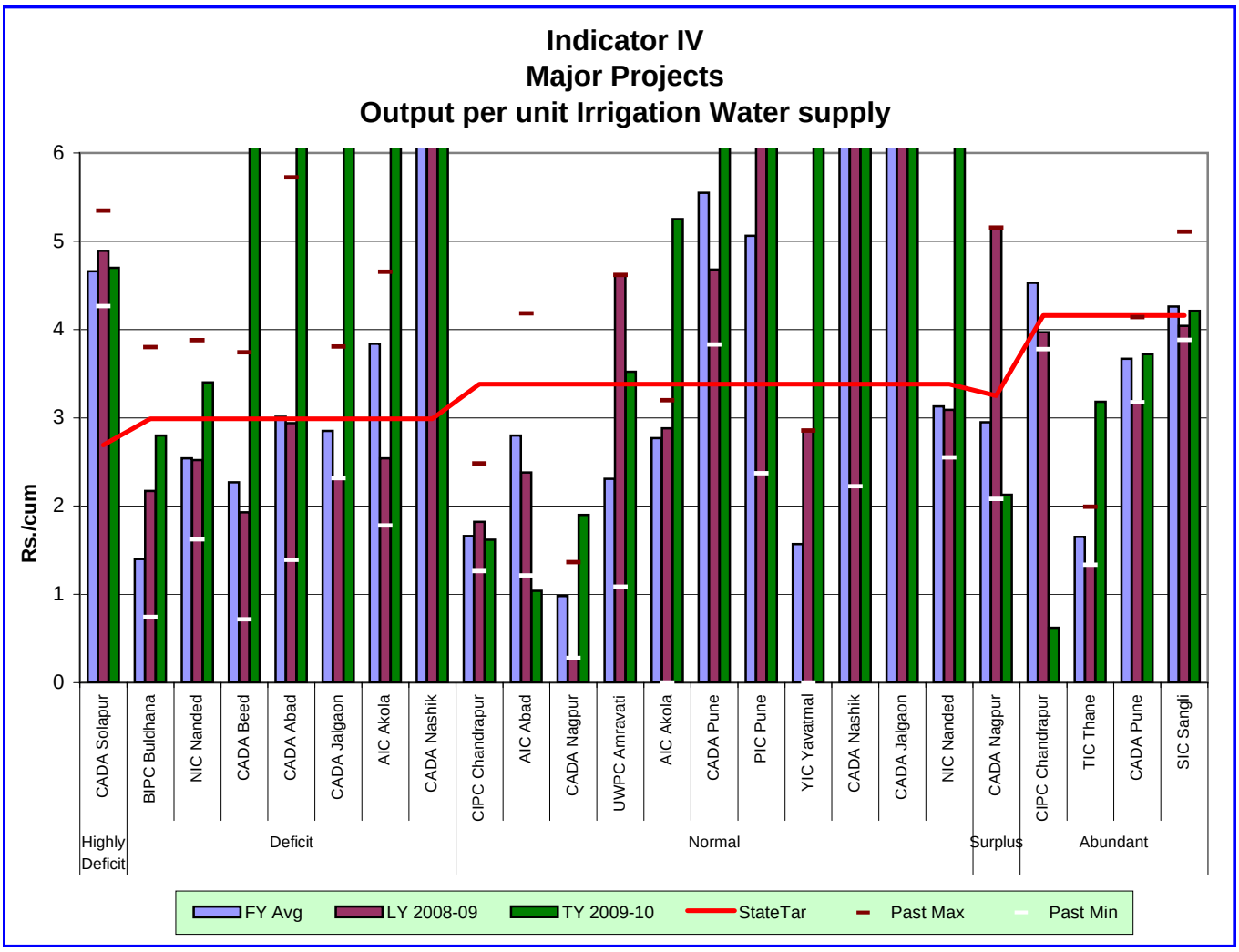
Radhanagri - 4.79, Tulshi - 3.92, Warna - 3.86 & Dudhganga - 4.07. In Tulshi & Warna, it decreased as compared to last year.


Indicator IV
Major Projects
Output per unit Irrigation Water supply
Rs./cum
6.00
5.00
4.00
3.00
2.00
1.00
0.00
FY Avg
LY- 2008-09
TY- 2009-10
StateTar
Past Max
Past Min
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Manar
Katepurna
Vishnupuri
Wan (Amravati)
Purna
Majalgaon
Manjra
Nalganga
Lower Terna
Jayakwadi (PLBC)
Girna
Chanakapur
Jayakwadi PRBC
Bor
NMC Express Mukane
Lower Wunna
Upper Wardha
Chaskaman
Pus
Kadva
Bhandardara
Mula
Ghod
Kukadi
NRBC
NLBC
Pawana
Arunavati
Hatnur
Khadakwasla
Darna
Palkhed
Waghad
Gangapur
UGC Ozerkhed
Upper Pengnga
Pench
Bagh
Itiadoh
Dina
Asola Mendha
Surya
Kal
Krishna
Warna
Tulashi
Dudhganga
Radhanagari
Bhatsa

Indicator IV
Major Projects
Output per unit Irrigation Water Supply (Rs./Cum)

Circle	Plan-Group	Project	FY Avg	LY- 2008-	TY- 2009-1	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	4.68	4.89	4.69	5.35	4.26	4.69	2.69
NIC Nanded	Deficit	Manar	2.07	3.31	0.00	3.31	1.90	4.10	2.99
AIC Akola		Katepurna	4.06	0.00	0.00	5.20	0.00		2.99
NIC Nanded		Vishnupuri	3.26	2.97	1.95	4.26	2.97		2.99
BIPC Buldhana		Wan (Amravati)	1.29	2.17	2.80	3.80	0.74		2.99
NIC Nanded		Purna	2.39	2.30	4.06	4.44	1.35		2.99
CADA Beed		Majalgaon	1.95	2.06	4.55	2.21	1.57		2.99
CADA Beed		Manjra	3.05	3.94	5.51	5.58	0.00		2.99
AIC Akola		Nalganga	3.95	2.54	5.75	7.30	1.78		2.99
CADA Beed		Lower Terna	3.84	3.16	6.05	4.53	0.00		2.99
CADA Abad		Jayakwadi (PLBC)	3.32	2.94	8.28	5.72	1.39		2.99
CADA Jalgaon		Girna	2.90	2.31	9.46	3.81	2.31		2.99
CADA Nashik		Chanakapur	11.91	12.45	12.64	12.83	10.89		2.99
CADA Beed		Jayakwadi PRBC	2.13	1.49	19.82	4.41	0.41		2.99
CIPC Chandrapur	Normal	Bor	1.61	1.82	1.62	2.48	1.26	3.78	3.38
AIC Abad		NMC Express Mukane	2.62	2.38	1.04	4.18	1.21		3.38
CADA Nagpur		Lower Wunna	1.00	0.28	1.90	1.36	0.28		3.38
UWPC Amravati		Upper Wardha	2.70	4.62	3.52	4.62	1.08		3.38
PIC Pune		Chaskaman	1.84	2.38	3.83	5.67	0.72		3.38
AIC Akola		Pus	2.77	2.88	5.25	3.20	0.00		3.38
CADA Nashik		Kadva	6.86	5.89	5.34	8.57	1.37		3.38
CADA Nashik		Bhandardara	5.43	5.13	5.35	7.65	1.17		3.38
CADA Nashik		Mula	5.00	4.92	5.45	7.40	1.01		3.38
CADA Pune		Ghod	5.16	7.16	6.99	7.16	2.16		3.38
CADA Pune		Kukadi	5.94	3.98	7.04	14.03	3.50		3.38
PIC Pune		NRBC	5.97	6.85	8.07	6.85	2.62		3.38
PIC Pune		NLBC	5.81	4.91	9.80	6.34	2.71		3.38
PIC Pune		Pawana	6.84	2.23	10.57	12.24	2.07		3.38
YIC Yavatmal		Arunavati	1.57	2.86	10.87	2.86	0.00		3.38
CADA Jalgaon		Hatnur	9.80	13.48	13.74	13.48	6.72		3.38
PIC Pune		Khadakwasla	5.74	8.30	14.03	8.30	1.55		3.38
CADA Nashik		Darna	15.89	17.74	23.67	176.24	3.10		3.38
CADA Nashik		Palkhed	28.05	33.38	40.65	37.04	4.26		3.38
CADA Nashik		Waghad	38.27	46.08	42.93	52.15	11.44		3.38
CADA Nashik		Gangapur	12.09	14.73	46.46	16.37	8.19		3.38
CADA Nashik		UGC Ozerkhed	64.11	92.53	120.46	92.53	7.41		3.38
NIC Nanded		Upper Penganga	3.02	3.09	308.30	6.76	2.55		3.38
CADA Nagpur	Surplus	Pench	3.06	5.77	1.98	5.77	1.89	2.42	3.25
CADA Nagpur		Bagh	3.80	5.16	2.53	5.16	3.09		3.25
CADA Nagpur		Itiahdoh	2.38	3.26	2.75	3.26	1.83		3.25
CIPC Chandrapur	Abundant	Dina	4.73	4.61	0.49	5.48	4.16	2.64	4.16
CIPC Chandrapur		Asola Mendha	3.83	3.42	0.89	7.57	3.42		4.16
TIC Thane		Surya	0.87	0.00	1.00	1.46	0.00		4.16
TIC Thane		Kal	1.35	1.03	1.05	2.08	1.03		4.16
CADA Pune		Krishna	3.74	3.18	3.72	4.14	3.18		4.16
SIC Sangli		Warna	4.62	4.58	3.86	6.20	4.13		4.16
SIC Sangli		Tulashi	3.47	4.14	3.92	4.23	2.79		4.16
SIC Sangli		Dudhganga	3.17	3.06	4.07	4.89	2.41		4.16
SIC Sangli		Radhanagari	4.45	4.5	4.79	5.03	3.98		4.16
TIC Thane		Bhatsa	3.18	3.83	10.13	3.83	1.86		4.16

Note:-Figures in red are not considered for calculating average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	4.66	4.89	4.70	5.35	4.26	4.70	2.69
Deficit	BIPC Buldhana	1.40	2.17	2.80	3.80	0.74	3.10	2.99
	NIC Nanded	2.54	2.52	3.40	3.88	1.62		
	CADA Beed	2.27	1.93	6.30	3.74	0.72		
	CADA Abad	3.01	2.94	8.28	5.72	1.39		
	CADA Jalgaon	2.85	2.31	9.46	3.81	2.31		
	AIC Akola	3.84	2.54	10.72	4.65	1.78		
	CADA Nashik	11.77	12.45	12.64	12.83	10.89		
Normal	CIPC Chandrapur	1.66	1.82	1.62	2.48	1.26	3.52	3.38
	AIC Abad	2.80	2.38	1.04	4.18	1.21		
	CADA Nagpur	0.98	0.28	1.90	1.36	0.28		
	UWPC Amravati	2.31	4.62	3.52	4.62	1.08		
	AIC Akola	2.77	2.88	5.25	3.20	0.00		
	CADA Pune	5.55	4.68	7.03	11.38	3.83		
	PIC Pune	5.06	6.31	9.26	6.78	2.37		
	YIC Yavatmal	1.57	2.86	10.87	2.86	0.00		
	CADA Nashik	9.44	13.87	13.69	13.87	2.22		
	CADA Jalgaon	9.59	13.48	13.74	13.48	6.72		
	NIC Nanded	3.13	3.09	308.30	6.76	2.55		
Surplus	CADA Nagpur	2.95	5.15	2.13	5.15	2.08	2.13	3.25
Abundant	CIPC Chandrapur	4.53	3.97	0.62	6.27	3.78	2.93	4.16
	TIC Thane	1.65	1.33	3.18	1.99	1.33		
	CADA Pune	3.67	3.18	3.72	4.14	3.18		
	SIC Sangli	4.26	4.04	4.21	5.11	3.88		

Note:-Figures in red are not considered for calculating average performance.

Indicator V: Cost Recovery Ratio

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) project, cost recovery ratio is 0.56. It is less than the State norm. The lower performance this year is, due to increase in O&M cost from Rs. 2679 lakh to Rs. 3841 lakh in 2009-10.

Deficit plan group

NIC Nanded: In Vishnupuri project, the cost recovery ratio increased from 0.14 to 0.22 this year.

In Purna project, lesser availability resulted into slight decrease in the ratio from 0.09 to 0.08 this year.

In Manar project, the ratio decreased from 0.05 to 0.01 this year due to lesser availability of water. Project authorities are required to take efforts for recovery of irrigation & non irrigation water charges including arrears to achieve State target.

AIC Akola: In Nalganga project, cost recovery ratio is 0.06. Recovery is very poor. Operation cost is Rs.132.40 lakh in spite of large number of WUA.

In Katepurna project, recovery is very less and operation and maintenance cost is Rs.180.80 lakh. Due to less storage, irrigation is not done in Katepurna. This has limited the cost recovery ratio to 0.21.

CADA Jalgaon: In Girna project, the ratio lowered from 0.44 (2008-09) to 0.16 (2009-10). This is mainly due to reduction in revenue by 55% and increase in O&M cost by 150%. The field officers are required to be vigilant to minimize O&M cost and increase the irrigation revenue to have better performance of the indicator.

CADA Beed: Overall decrease in recovery & increase in O&M cost effected in lowering down the ratio compared to last year. In Majalgaon project, the ratio slightly increased from 0.12 to 0.17 this year, as recovery of non irrigation increased from Rs. 25.39 lakh to Rs. 32.3 lakh. In Manjra project, there is increase in ratio from 0.55 to 0.62 this year, as the non irrigation recovery increased from Rs. 96 lakh to Rs. 162 lakh. In Lower Terna, the ratio slightly increased from 0.13 to 0.20 this year, due to increase in recoveries. In Jayakwadi Project (PRBC), the ratio increased over the last year from Rs 0.14 to 0.42 this year.

BIPC Buldhana: In Wan Project, cost recovery ratio is slightly more than that of last year.

CADA Nashik: In Chankapur project, though the ratio lowered from 3.04 (2008-09) to 1.28 (2009-10), it is on higher side of the State norm.

CADA Aurangabad: The ratio in Jayakwadi Project (PLBC) slightly increased from 2.6 to 2.7 this year, as there is increase in NI revenue from Rs 4767.19 lakh to Rs 6694.94 lakh this year, there is also increase in operation cost (Irrigation) from Rs1136.66 lakhs to 1836.98 lakhs, which did not affect much the indicator value.

Normal plan group

NIC Nanded: The ratio in Upper Penganga project decreased from 0.20 to 0.09 as compared to last year, as there is recovery of Rs.16.59 lakh only against assessment of Rs. 531.34 lakh for non irrigation use. Project authorities are advised to be more vigilant to reduce the maintenance cost and take efforts in revenue collection especially for non irrigation uses to achieve State norm.

CIPC Chandrapur: In Bor Project, Rabbi seasonals are predominant with nominal perennial crops. As the water charges for Rabbi seasonals are lesser than perennial crops, recovery is appreciably low as compared to cost.

AIC Akola: In Pus project, the ratio is too low (0.18) as compared to past & State target, due to low recovery.

CADA Pune: In Kukadi Project, though the recovery increased by 75 lakhs, the O&M cost is doubled over last year bringing the ratio down to 0.12 from 0.18 last year. In Ghod Project, the ratio decreased from 0.88 to 0.50 this year. The performance is lowered due to less recovery and excess expenditure on maintenance.

UWPC Amrawati: In Upper Wardha Project, the cost recovery ratio is lowered (0.28) compared to last year. This is because of less recovery as compared to cost.

PIC Pune: In Khadakwasla, NLBC and Pawana Projects, the cost recovery ratio is 1.76, 1.23 and 8.05 respectively. All the three projects show decrease in the ratio. However, the performance is above the State target.

In Pawana Project, the O&M cost is doubled over last year causing reduction from 18.49 to 8.05 this year.

CADA Jalgaon: In Hatnur project, the ratio is above State norm (3.25). This is due to high recovery of non irrigation water use.

CADA Nashik: In Bhandardara project, the ratio lowered from 0.71 to 0.45. This is due to reduction in annual revenue from Rs. 583.10 lakh to Rs. 506.34 lakh and increase in annual O&M cost from Rs. 818.44 lakh to Rs. 1124.35 lakh as compared to last year.

In Mula project, the ratio just lowered from 0.28 to 0.22.

In Ozerkhed project, the ratio just lowered from 0.13 to 0.12. In Palkhed project, the ratio lowered from 1.09 to 0.56. This is due to reduction in annual revenue from Rs. 709 lakh to Rs. 540.75 and increase in annual O&M cost from Rs. 652.32 lakh to Rs. 957.97 lakh as compared to last year.

In Waghad project, the ratio reduced from 0.26 to 0.15. This is due to reduction in revenue from Rs. 38.42 lakh to Rs. 30.71 lakh and increase in annual O&M cost from Rs. 149.99 lakh to Rs. 199.62 lakh as compared to last year. In Darna project, the ratio is above State norm since last four years. In Gangapur project, though the ratio reduced from 11.47 to 3.77, it is on higher side of the State norm. In Kadwa project, due to high O&M cost, the ratio is below the State norm (0.03). Field officers are required to take necessary efforts to improve the performance in the projects where the ratio is below the State norm.

CADA Nagpur: In Lower Wunna Project, recovery is Rs. 995 lakh, cost recovery ratio is more than State norm.

AIC Aurangabad: In Nandur Madhmeshwar express canal, the ratio improved from 4.45 to 9.77, as revenue collection increased from 4.09 to Rs 10.75 lakh with slight increase in O&M cost from 0.92 to Rs 1.10 lakh as compared to last year.

Surplus plan group

CADA Nagpur: In Bagh and Itiadoh Projects, Kharif seasonals are predominant without any perennial crops. As the water charges for Kharif seasonals are lower than perennial crops, recovery is appreciably low as compared to cost.

In Pench project, performance seems to be very good as compared to State norm due to considerable non irrigation water use and recovery on that part. Further, there is no expenditure on maintenance of the system.

Abundant plan group

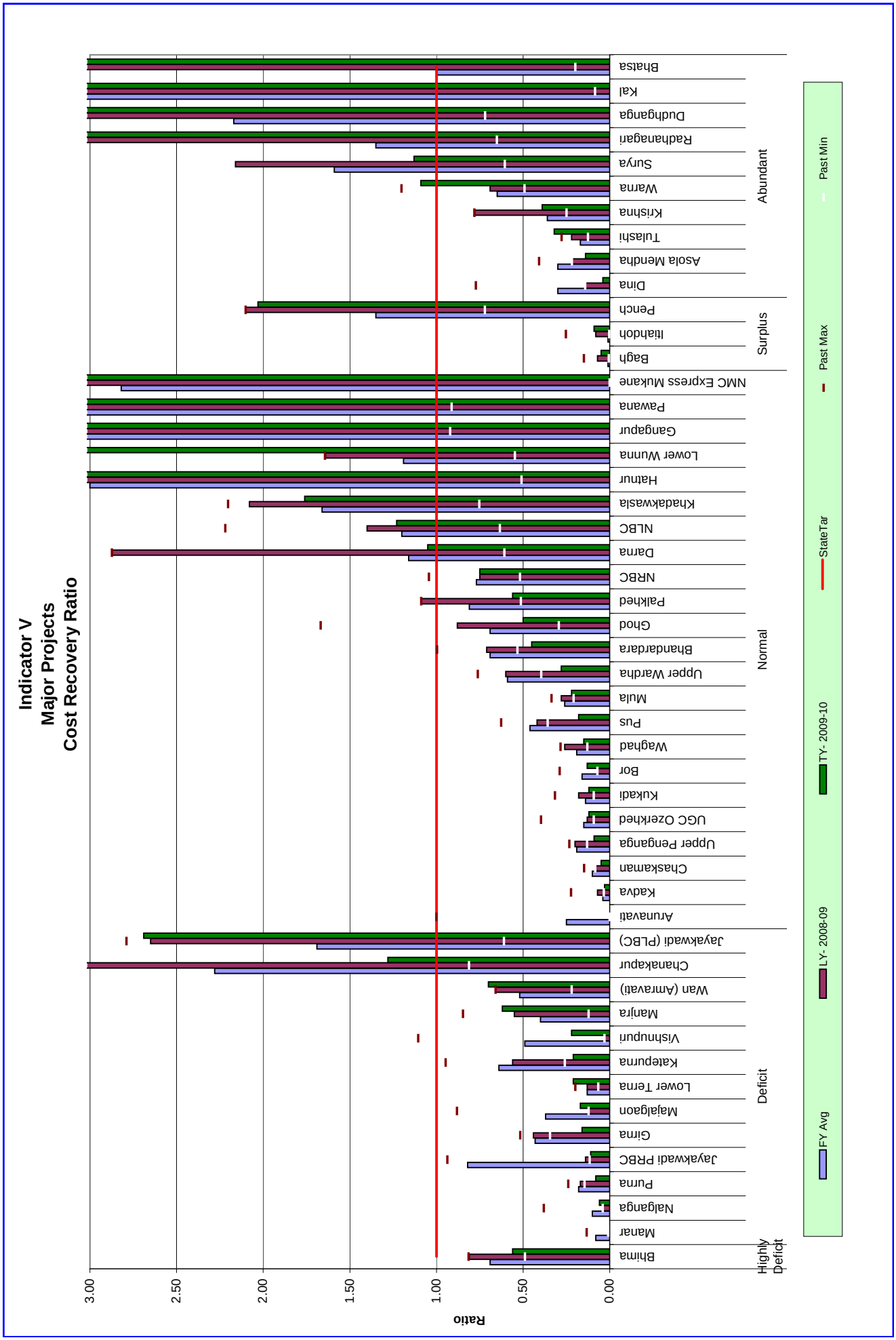
CIPC Chandrapur: In Dina project, expenditure on maintenance of the system is Rs. 136 lakh and recovery of water charges is only 7 lakh. Therefore, the cost recovery ratio has come down to 0.04.

In Asolamendha project, expenditure on maintenance of the system is Rs. 53.59 lakh and recovery of water charges is only 7.64 lakh. Therefore, the cost recovery ratio has come down to 0.14.

CADA Pune: In Krishna Project, the recovery lowered from Rs. 904 lakh to Rs.741 lakh and O&M cost increased from 1158 to 1922 lakh, lowering the cost recovery ratio.

SIC Sangli: Cost recovery ratios in different projects under this circle are as under Radhanagri-5.11, Tulsi-0.32, Warna-1.09 & Dudhaganga-6.76. Substantial rise in the ratio in Dhudhganga this year is due to increase in recovery from Rs.723 lakh to Rs.876 lac in spite of decrease in O&M cost from Rs. 205 lakh to Rs. 229 lakh this year.

TIC Thane: In Bhatsa project, the ratio is 67.74. There is 30% increase in the ratio, as the revenue is doubled and O&M cost has increased by 50% compared with last year. In Surya project the ratio is 1.13.


Indicator V
Major Projects
Cost Recovery Ratio
Ratio
3.00
2.50
2.00
1.50
1.00
0.50
0.00
FY Avg
LY- 2008-09
TY- 2009-10
StateTar
Past Max
Past Min
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Manar
Nalganga
Purna
Jayakwadi PRBC
Girna
Majalgaon
Lower Terna
Katepurna
Vishnupuri
Manjra
Wan (Amravati)
Chanakapur
Jayakwadi (PLBC)
Arunavati
Kadva
Chaskaman
Upper Penganga
UGC Ozerkhed
Kukadi
Bor
Waghad
Pus
Mula
Upper Wardha
Bhandardara
Ghod
Palkhed
NRBC
Darna
NLBC
Khadakwasla
Hatnur
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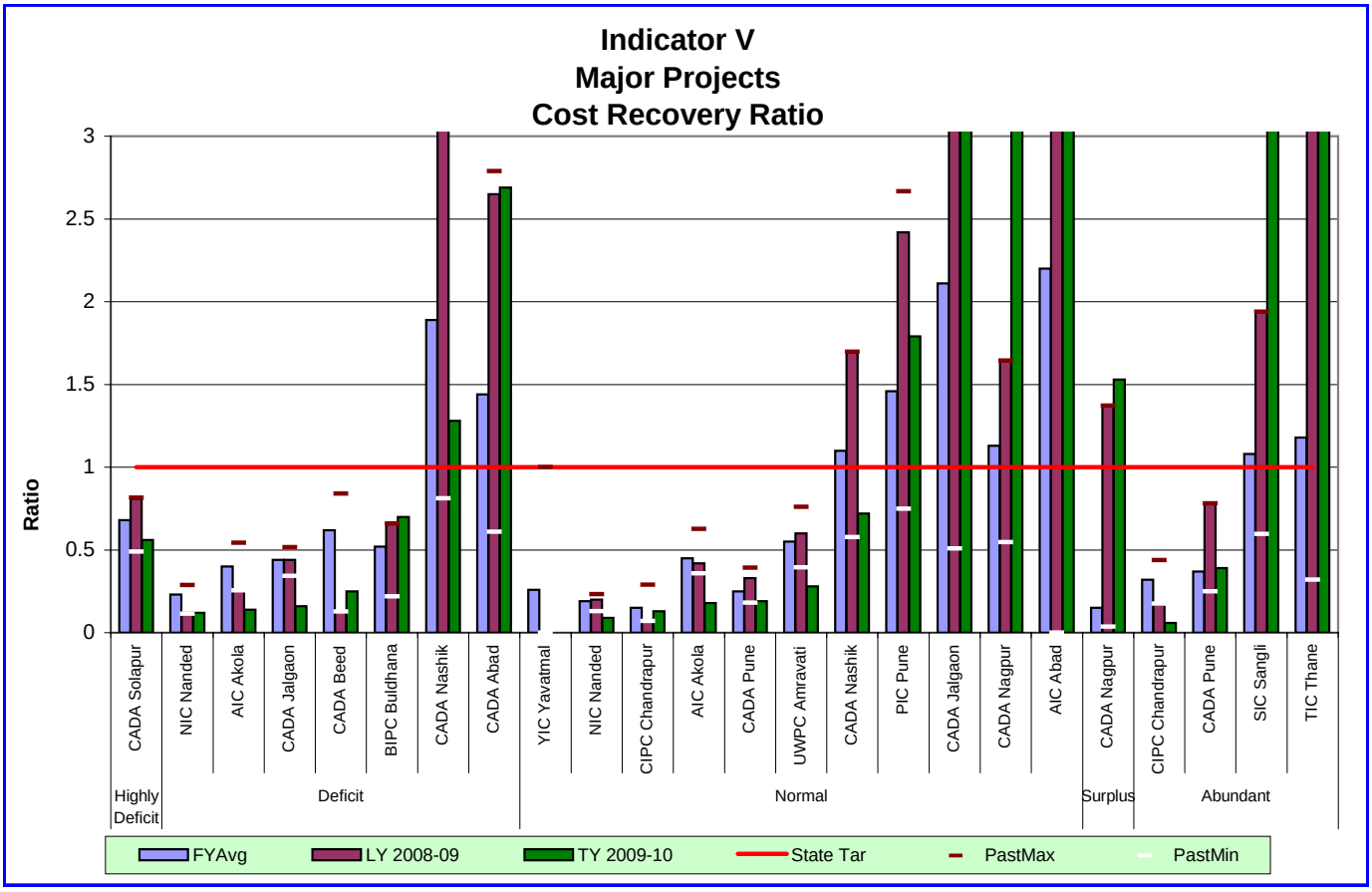
Itiahdoh
Pench
Dina
Asola Mendha
Tulashi
Krishna
Warna
Surya
Radhanagari
Dudhganga
Kal
Bhatsa

Indicator V
Major Projects
Cost Recovery Ratio

Circle	Plan-Group		FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	0.69	0.81	0.56	0.81	0.49	0.56	1.00
NIC Nanded	Deficit	Manar	0.08	0.01	0.00	0.13	0.01	0.32	1.00
AIC Akola		Nalganga	0.10	0.04	0.06	0.38	0.04		1.00
NIC Nanded		Purna	0.18	0.17	0.08	0.24	0.14		1.00
CADA Beed		Jayakwadi PRBC	0.82	0.14	0.11	0.94	0.12		1.00
CADA Jalgaon		Girna	0.43	0.44	0.16	0.52	0.34		1.00
CADA Beed		Majalgaon	0.37	0.12	0.17	0.88	0.12		1.00
CADA Beed		Lower Terna	0.13	0.13	0.21	0.20	0.07		1.00
AIC Akola		Katepurna	0.64	0.56	0.21	0.95	0.26		1.00
NIC Nanded		Vishnupuri	0.49	0.03	0.22	1.11	0.03		1.00
CADA Beed		Manjra	0.40	0.55	0.62	0.85	0.12		1.00
BIPC Buldhana		Wan (Amravati)	0.52	0.66	0.70	0.66	0.22		1.00
CADA Nashik		Chanakapur	2.28	3.04	1.28	4.08	0.81		1.00
CADA Abad		Jayakwadi (PLBC)	1.69	2.65	2.69	2.79	0.61		1.00
YIC Yavatmal	Normal	Arunavati	0.25	0.00	0.00	1.00	0.00	0.45	1.00
CADA Nashik		Kadva	0.04	0.07	0.03	0.22	0.03		1.00
PIC Pune		Chaskaman	0.10	0.08	0.05	0.15	0.08		1.00
NIC Nanded		Upper Penganga	0.19	0.20	0.09	0.23	0.13		1.00
CADA Nashik		UGC Ozerkhed	0.15	0.13	0.12	0.40	0.09		1.00
CADA Pune		Kukadi	0.14	0.18	0.12	0.31	0.09		1.00
CIPC Chandrapur		Bor	0.16	0.07	0.13	0.29	0.07		1.00
CADA Nashik		Waghad	0.19	0.26	0.15	0.28	0.13		1.00
AIC Akola		Pus	0.46	0.42	0.18	0.63	0.36		1.00
CADA Nashik		Mula	0.26	0.28	0.22	0.34	0.21		1.00
UWPC Amravati		Upper Wardha	0.59	0.60	0.28	0.76	0.39		1.00
CADA Nashik		Bhandardara	0.69	0.71	0.45	1.00	0.53		1.00
CADA Pune		Ghod	0.69	0.88	0.50	1.67	0.29		1.00
CADA Nashik		Palkhed	0.81	1.09	0.56	1.09	0.51		1.00
PIC Pune		NRBC	0.77	0.75	0.75	1.04	0.52		1.00
CADA Nashik		Darna	1.16	2.87	1.05	2.87	0.61		1.00
PIC Pune		NLBC	1.20	1.40	1.23	2.22	0.63		1.00
PIC Pune		Khadakwasla	1.66	2.08	1.76	2.20	0.75		1.00
CADA Jalgaon		Hatnur	3.00	5.11	3.25	5.11	0.51		1.00
CADA Nagpur		Lower Wunna	1.19	1.64	3.42	1.64	0.55		1.00
CADA Nashik		Gangapur	4.44	11.47	3.77	19.78	0.92		1.00
PIC Pune		Pawana	4.57	18.49	8.05	24.22	0.91		1.00
AIC Abad		NMC Express Mukane	2.82	4.45	9.77	5.21	0.00		1.00
CADA Nagpur	Surplus	Bagh	0.01	0.07	0.05	0.15	0.00	0.07	1.00
CADA Nagpur		Itiahdoh	0.01	0.08	0.09	0.25	0.00		1.00
CADA Nagpur		Pench	1.35	2.10	2.03	2.10	0.72		1.00
CIPC Chandrapur	Abundant	Dina	0.30	0.14	0.04	0.77	0.14	0.52	1.00
CIPC Chandrapur		Asola Mendha	0.30	0.22	0.14	0.41	0.22		1.00
SIC Sangli		Tulashi	0.17	0.22	0.32	0.28	0.12		1.00
CADA Pune		Krishna	0.36	0.78	0.39	0.78	0.25		1.00
SIC Sangli		Warna	0.65	0.69	1.09	1.20	0.49		1.00
TIC Thane		Surya	1.59	2.16	1.13	4.00	0.60		1.00
SIC Sangli		Radhanagari	1.35	4.29	5.11	4.29	0.65		1.00
SIC Sangli		Dudhganga	2.17	3.53	6.76	10.38	0.72		1.00
TIC Thane		Kal	4.79	17.54	18.61	17.54	0.08		1.00
TIC Thane		Bhatsa	1	51.98	67.74	51.98	0.20		1.00

Note:-Figures in red are not considered for calculating average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	0.68	0.81	0.56	0.81	0.49	0.56	1
Deficit	NIC Nanded	0.23	0.12	0.12	0.29	0.12	0.44	1
	AIC Akola	0.40	0.26	0.14	0.54	0.26		
	CADA Jalgaon	0.44	0.44	0.16	0.52	0.34		
	CADA Beed	0.62	0.13	0.25	0.84	0.13		
	BIPC Buldhana	0.52	0.66	0.70	0.66	0.22		
	CADA Nashik	1.89	3.04	1.28	4.08	0.81		
	CADA Abad	1.44	2.65	2.69	2.79	0.61		
Normal	YIC Yavatmal	0.26	0.00	0.00	1.00	0.00	0.48	1
	NIC Nanded	0.19	0.20	0.09	0.23	0.13		
	CIPC Chandrapur	0.15	0.07	0.13	0.29	0.07		
	AIC Akola	0.45	0.42	0.18	0.63	0.36		
	CADA Pune	0.25	0.33	0.19	0.39	0.18		
	UWPC Amravati	0.55	0.60	0.28	0.76	0.39		
	CADA Nashik	1.10	1.70	0.72	1.70	0.58		
	PIC Pune	1.46	2.42	1.79	2.67	0.75		
	CADA Jalgaon	2.11	5.11	3.25	5.11	0.51		
	CADA Nagpur	1.13	1.64	3.42	1.64	0.55		
	AIC Abad	2.20	4.45	9.77	5.21	0.00		
Surplus	CADA Nagpur	0.15	1.37	1.53	1.37	0.04	1.53	1
Abundant	CIPC Chandrapur	0.32	0.17	0.06	0.44	0.17	0.23	1
	CADA Pune	0.37	0.78	0.39	0.78	0.25		
	SIC Sangli	1.08	1.94	3.11	1.94	0.60		
	TIC Thane	1.18	11.44	9.97	11.44	0.32		

Note:-Figures in red are not considered for calculating average performance.

Indicator VI: - Annual O&M Cost per unit area

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) project, O&M cost per unit area is Rs.2189, which increased over last year mainly due to 43% increase in O&M cost and decrease in irrigated area by 9517 Ha.

Deficit plan group

CADA Nashik: In Chankapur project, though the O&M cost per unit irrigated area increased from Rs. 832 to Rs. 1191 it has not exceeded the State norm.

CADA Jalgaon: In Girna project, the O&M cost per unit irrigated area increased from Rs. 1852 to Rs. 2801, which is on higher side of the State norm.

CADA Aurangabad: In Jayakwadi project (PLBC), the O&M cost per unit area has increased from Rs. 1291 to Rs.3433, this is due to increase in O&M cost by 23% and decrease in area by 54% as compared to last year.

CADA Beed: In Majalgaon project, the indicator value increased from Rs. 5721 to Rs.10444 as compared to last year, which is very high, nearly 9 times of State norms. This is mainly due to decrease in area irrigated by 64% over last year even though there is decrease in O&M cost by 37%.

In Manjra project, the indicator value increased from Rs. 4104 to Rs. 5081 as compared to last year. This is mainly due to decrease in area irrigated by 33% over last year even though there is decrease in O&M cost by 18%. It is nearly 4 times more than State norms.

In Lower Terna, though the indicator value increased from Rs. 4740 to Rs.8069, because of 36% decrease in area irrigated keeping nearly same O&M cost as compared to last year, it is very high in comparison to State norms.

In Jayakwadi project (PRBC), the ratio increased from Rs. 1088 to Rs. 7504. This is due to decrease in area by 80% and just 13% increase in O&M cost as compared to last year.

BIPC Buldhana: In Wan Project, O&M cost per unit irrigated area is very much above the State target. As storage was only 35%, irrigated area is very less, resulting in to high value of indicator.

NIC Nanded: .In Vishnupuri project, the indicator value substantially increased from Rs. 2049 to Rs. 25905, because of much decrease (73%) in area irrigated & increase in O&M cost by 2.25 times as compared to last year.

In Purna project, the indicator value increased from Rs. 3551 to Rs. 7971, due to decrease in irrigated area nearly by 50% & slight increase in O&M cost as compared to last year

AIC Akola: The potential utilization is very less in Nalganga project, so the indicator value rose to as high as Rs.9697.

Normal plan group

AIC Aurangabad: In Nandur Madhmeshwar express canal, the indicator value increased from Rs. 64 to Rs. 136, though it is well within the State norm, it is an ongoing project.

PIC Pune: In Khadakwasla Project, the O&M cost per unit area is Rs. 3030. It increased from Rs. 2474 (last year's value) due to increase in expenditure as compared to last year. In NLBC, the O&M cost per unit area is Rs. 759, slightly higher than last year's Rs. 615, due to more expenditure on establishment. In NRBC, cost per unit area is Rs. 639, which is on higher side of last year's value of Rs. 497.

In Pawana, the value increased from Rs.12018 to Rs. 25145. Increase in indicator value is due to increase in expenditure on maintenance cost.

In Chaskaman project, the value increased from Rs. 2687 to Rs. 2836.

UWPC Amravati: In Upper Wardha project, the ratio is lower than previous year but higher than State target.

CADA Nashik: In all the projects (Ozerkhed, Waghad, Kadwa, Palkhed, Mula, Darna, Gangapur & Bhandardara) the O&M cost per unit irrigated area is on higher side of State norm. As such the field officers are required to take remedial measures to improve the performance.

CADA Pune: In Kukadi Project, the O&M cost per unit area is Rs. 3098, which increased from Rs. 1202 of last year. In Ghod Project, the O&M cost per unit area considerably increased from Rs. 691 to Rs. 1982 over last year.

CADA Jalgaon: In Hatnur project, though the O&M cost per unit irrigated area reduced from Rs.3844 to Rs. 3108, still it is on higher side (2.5 times) of State norm. The field officers are required to take remedial measures to improve the performance.

CADA Nagpur: In Lower Wunna project, the expenditure incurred on maintenance of the system is Rs.152 lakh. The irrigable command area of the project is only 19500 Ha, for which the expenditure of Rs.152 lakh is very high. Therefore the O&M cost per unit area comes to 3298.This is more than the previous year value.

CIPC Chandrapur: In Bor project O&M cost per unit area is Rs.3831. This is so because establishment cost per unit area is Rs.1336. Due to more expenditure on establishment, indicator value is more than State norm.

NIC Nanded: In Upper Penganga project, the indicator value increased from Rs. 2810 to Rs. 9741. Increase in O&M cost (13%) and decrease in area irrigated (67%) affected indicator value to overtake the State norm as compared to last year.

AIC Akola: In Pus project, as irrigated area is only 477 Ha. Cost per unit irrigated area is very much high compared to State target.

Surplus plan group

CADA Nagpur: In Bagh, Itiadoh and Pench projects, expenditure on maintenance works out to Rs. 677, Rs.1385 and Rs.370 per Ha respectively. Due to heavy expenditure on maintenance along with similar expenditure on establishment leads to higher values of O&M cost per unit area.

Abundant plan group

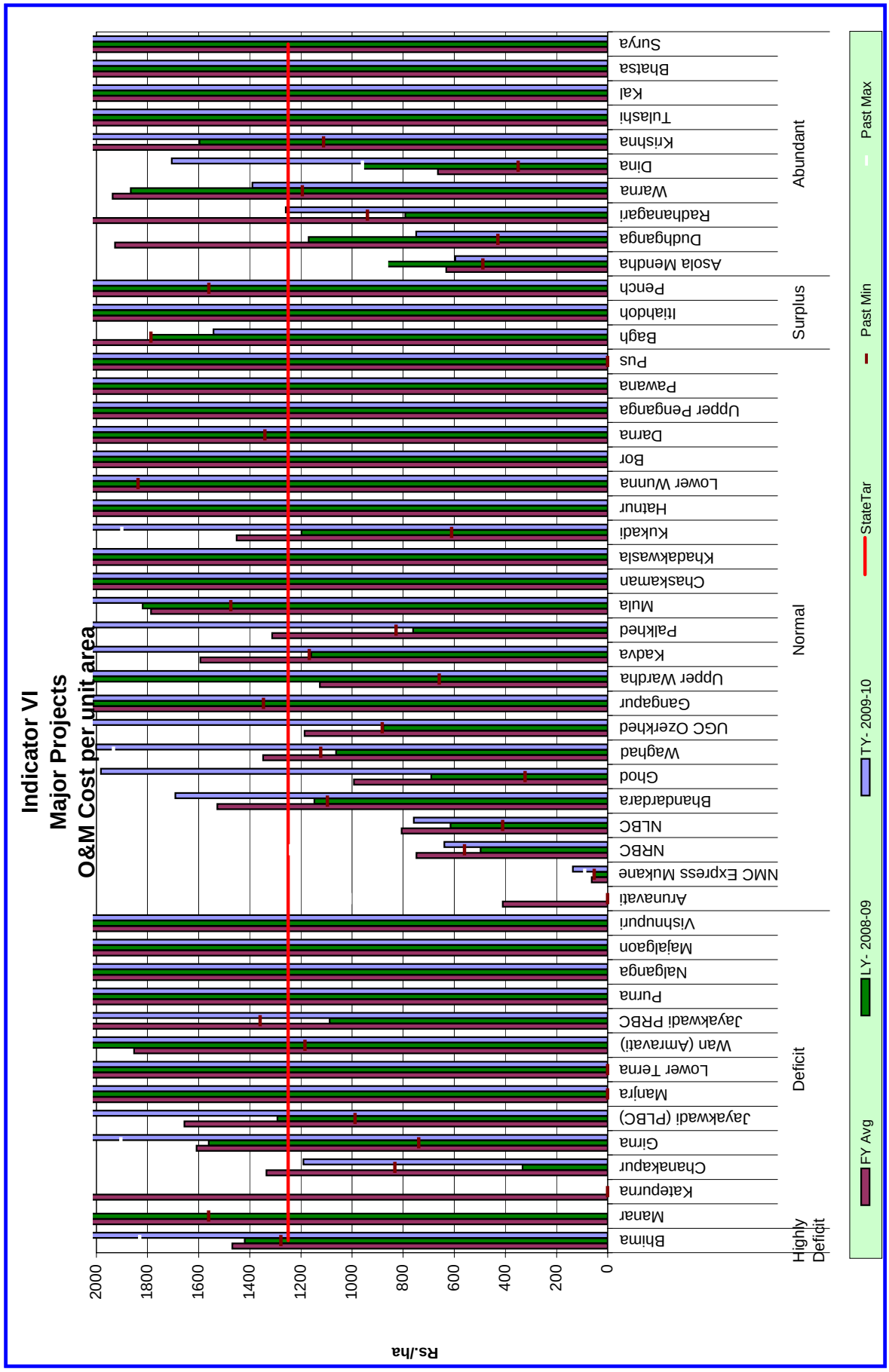
CIPC Chandrapur: In Asolamendha project, irrigated area is more than its ICA. Its irrigated area is 8894 Ha. and ICA is 5594 Ha. Therefore cost per unit irrigated area works out to Rs.596. It is less than the state norm.

In Dina project, 10925 hectares are irrigated and expenditure on maintenance and establishment is Rs.1644 per hectare of ICA. As the expenditure itself is more, cost per unit irrigated area is more than the State norm.

SIC Sangli: The O&M cost per unit area in different projects under this circle are; Radhanagri - 1259, Tulshi - 3914, Warna - 1390 & Dudhganga - 749. In Tulshi, the ratio increased over last year & it is more than 3 times the State target.

CADA Pune: In Krishna Project, the O&M cost per unit area increased from Rs. 1602 to Rs. 2543. The reason for poor performance is increase in expenditure on maintenance and establishment cost.

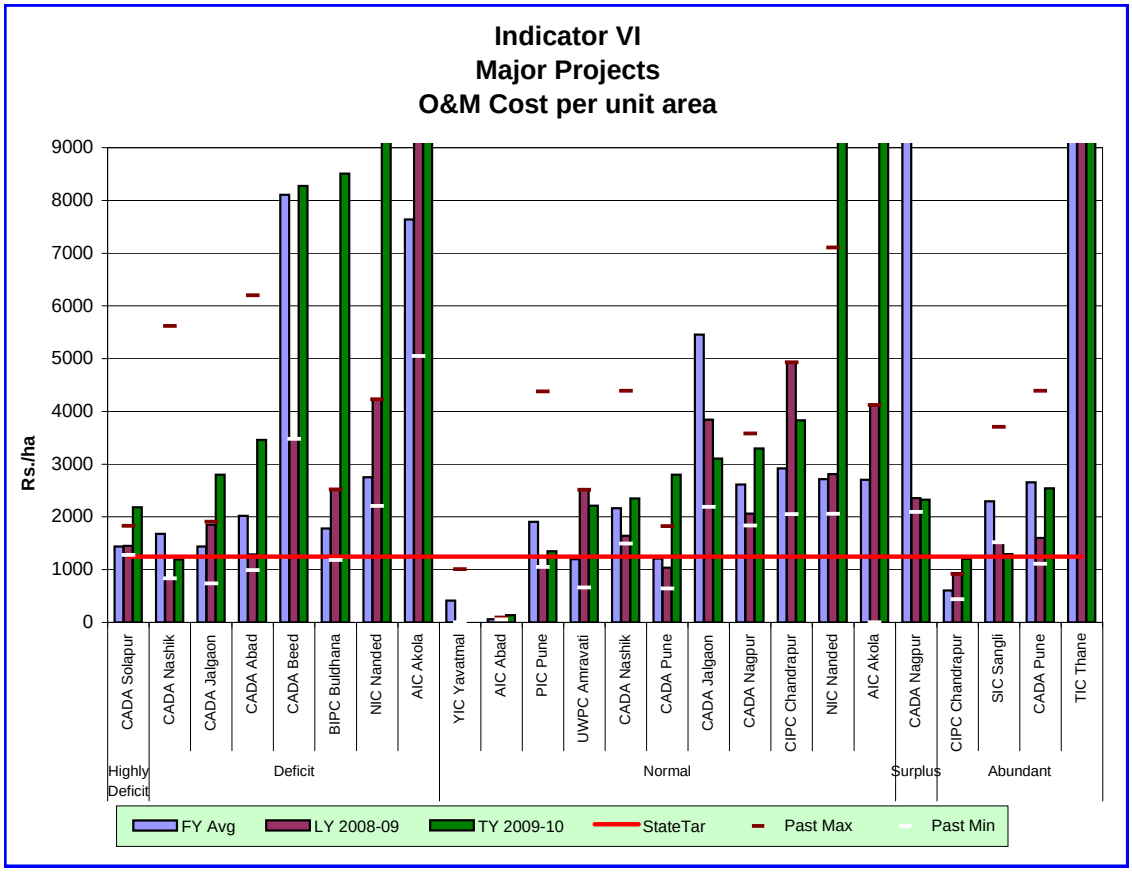
TIC Thane: The O&M cost per unit area in different projects under this circle are; Bhatsa - 10514, Kal-Amba - 9322 & Surya - 67421. Increase compared with last year is mainly due to increase in O&M cost.


Indicator VI
Major Projects
O&M Cost per unit area
Rs./ha
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Manar
Katepurna
Chanakapur
Girna
Jayakwadi (PLBC)
Manjra
Lower Terna
Wan (Amravati)
Jayakwadi PRBC
Purna
Nalganga
Majalgaon
Vishnupuri
Arunavati
NMC Express Mulkane
NRBC
NLBC
Bhandardara
Ghod
Waghad
UGC Ozerkhed
Gangapur
Upper Wardha
Kadva
Palkhed
Mula
Chaskaman
Khadakwasla
Kukadi
Hatnur
Lower Wunna
Bor
Darna
Upper Pengnga
Pawana
Pus
Bagh
Itiahdoh
Pench
Asola Mendha
Dudhganga
Radhanagari
Warna
Dina
Krishna
Tulashi
Kal
Bhatsa
Surya
FY Avg
LY- 2008-09
TY- 2009-10
StateTar
Past Min
Past Max

Indicator VI
Major Projects
O & M Cost per unit Area (Rs./ha)

Circle	Plan-Group	Project	FY Avg	LY- 2008-0	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	1468	1420	2190	1830	1278	2190	1250
NIC Nanded	Deficit	Manar	2971	17207	0	19966	1561	8615	1250
AIC Akola		Katepurna	7065	0	0	6539	0		1250
CADA Nashik		Chanakapur	1335	333	1191	5617	832		1250
CADA Jalgaon		Girna	1608	1560	2801	1904	739		1250
CADA Abad		Jayakwadi (PLBC)	1656	1292	3460	6202	988		1250
CADA Beed		Manjra	4812	4444	5244	6825	0		1250
CADA Beed		Lower Terna	5402	4740	8069	7324	0		1250
BIPC Buldhana		Wan (Amravati)	1852	2521	8510	2521	1183		1250
CADA Beed		Jayakwadi PRBC	11727	1088	9192	81008	1359		1250
NIC Nanded		Purna	2806	3551	9262	3910	2333		1250
AIC Akola		Nalganga	7152	14250	9697	15619	2780		1250
CADA Beed		Majalgaon	5907	5721	11434	8836	2713		1250
NIC Nanded		Vishnupuri	2808	2049	25905	3490	2021		1250
YIC Yavatmal	Normal	Arunavati	410	0	0	1007	0	5504	1250
AIC Abad		NMC Express Mukane	62	56	136	89	52		1250
PIC Pune		NRBC	748	497	639	1240	560		1250
PIC Pune		NLBC	806	615	759	1591	410		1250
CADA Nashik		Bhandardara	1527	1148	1691	3128	1096		1250
CADA Pune		Ghod	992	691	1982	2806	323		1250
CADA Nashik		Waghad	1348	1062	2001	1933	1122		1250
CADA Nashik		UGC Ozerkhed	1185	877	2126	3264	882		1250
CADA Nashik		Gangapur	6018	2754	2134	130431	1346		1250
UWPC Amravati		Upper Wardha	1126	2266	2210	2515	658		1250
CADA Nashik		Kadva	1593	1159	2374	9215	1167		1250
CADA Nashik		Palkhed	1313	761	2590	4513	827		1250
CADA Nashik		Mula	1786	1819	2624	2018	1474		1250
PIC Pune		Chaskaman	3300	2418	2836	3842	2687		1250
PIC Pune		Khadakwasla	3296	2103	3030	6792	2392		1250
CADA Pune		Kukadi	1452	1198	3098	1900	610		1250
CADA Jalgaon		Hatnur	3616	3235	3108	18471	2189		1250
CADA Nagpur		Lower Wunna	2536	2060	3298	3577	1837		1250
CIPC Chandrapur		Bor	2790	4927	3831	4927	2049		1250
CADA Nashik		Darna	2909	7518	7961	31855	1340		1250
NIC Nanded		Upper Penganga	2430	2224	9741	7103	2058		1250
PIC Pune		Pawana	29474	9804	25145	78106	7940		1250
AIC Akola		Pus	2270	3709	32403	4121	0		1250
CADA Nagpur	Surplus	Bagh	29434	1787	1542	103066	1787	2088	1250
CADA Nagpur		Itiahdoh	49158	2261	2132	167318	2261		1250
CADA Nagpur		Pench	2509	2625	2588	5501	1560		1250
CIPC Chandrapur	Abundant	Asola Mendha	632	864	596	864	488	10980	1250
SIC Sangli		Dudhganga	1927	1170	749	6866	429		1250
SIC Sangli		Radhanagari	2355	792	1259	3455	939		1250
SIC Sangli		Warna	1937	1866	1390	2385	1194		1250
CIPC Chandrapur		Dina	664	959	1706	959	350		1250
CADA Pune		Krishna	2951	1597	2543	4389	1111		1250
SIC Sangli		Tulashi	5012	3040	3914	7363	3097		1250
TIC Thane		Kal	5972	4237	9322	400000	4957		1250
TIC Thane		Bhatsa	147792.8	4913	10514	474677	2670		1250
TIC Thane		Surya	24424	22086	67421	59767	11621		1250

Note:-Figures in red are not considered for calculating average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	1440	1449	2184	1830	1278	2184	1250
Deficit	CADA Nashik	1676	832	1191	5617	832	8434	
	CADA Jalgaon	1439	1852	2801	1904	739		
	CADA Abad	2023	1292	3460	6202	988		
	CADA Beed	8105	3477	8274	32151	3477		
	BIPC Buldhana	1782	2521	8510	2521	1183		
	NIC Nanded	2750	4228	14444	4228	2209		
	AIC Akola	7641	27317	20359	27317	5046		
Normal	YIC Yavatmal	415	0	0	1007	0	6788	1250
	AIC Abad	60	64	136	89	52		
	PIC Pune	1907	1047	1350	4376	1047		
	UWPC Amravati	1197	2515	2210	2515	658		
	CADA Nashik	2164	1642	2350	4392	1493		
	CADA Pune	1212	1038	2803	1820	643		
	CADA Jalgaon	5459	3844	3108	18471	2189		
	CADA Nagpur	2615	2060	3298	3577	1837		
	CIPC Chandrapur	2921	4927	3831	4927	2049		
	NIC Nanded	2714	2810	9741	7103	2058		
	AIC Akola	2707	4122	32403	4121	0		
Surplus	CADA Nagpur	15242	2354	2327	56450	2094	2327	1250
Abundant	CIPC Chandrapur	605	916	1205	916	437	9095	1250
	SIC Sangli	2297	1517	1298	3703	1517		
	CADA Pune	2657	1602	2543	4389	1111		
	TIC Thane	56295	11885	31334	124990	9204		

Note:-Figures in red are not considered for calculating average performance.

Indicator VII: Annual total O&M cost per unit water supplied

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) project, the O&M cost is Rs. 0.23 per cum, the performance is very good.

Deficit plan group

CADA Nashik: In Chankapur project, the O&M cost per unit water supplied increased from Rs. 0.15 to Rs. 0.24 and it is 1.5 times more than the State norm.

CADA Aurangabad: In Jayakwadi project (PLBC), the value increased from Rs. 0.14 to Rs. 0.60. Less utilization of water in view of lesser availability resulted in to increase in indicator value as compared to last year.

BIPC Buldhana: In Wan Project, indictor value is higher than State norm & past five years' value.

CADA Beed: In Majalgaon, the indicator value increased from Rs. 0.38 to Rs. 0.84. In Manjra, it increased over last year's Rs. 0.35 to Rs. 0.43; In Lower Terna, it slightly increased from Rs. 0.59 to Rs. 1.33 this year. In Jayakwadi Project (PRBC), it increased from last year's value of Rs.0.20 to Rs. 1.78, which is very much higher than State norm.

NIC Nanded: In Purna & Vishnupuri projects, the ratio increased from Rs. 0.38 & Rs. 0.24 to Rs. 0.84 & Rs. 1.45 respectively. Whereas in Manar project, negligible (0.614 Mcum) water utilization in view of lesser availability & nearly Rs. 340 lakh O&M cost effected in increasing the cost from Rs. 1.14 to Rs. 55.37 as compared to last year.

CADA Jalgaon: In Girna project, the O&M cost per unit water supplied increased from Rs. 0.22 to Rs. 1.24, which is 7.75 times more than the State norm.

AIC Akola: O&M cost per unit water supplied in Katepurna & Nalganga Projects is very much higher than State norm on account of increase in maintenance expenditure and less water utilization.

Normal plan group

AIC Aurangabad: In Nandur Madhmeshwar express canal, O&M cost per unit of water supplied is 0.01. It is an ongoing project and management staff is very less.

UWPC Amravati: The ratio on Upper Wardha is more than State norm.

PIC Pune: In Khadakwasla, NLBC, NRBC, Pawana and Chaskaman Projects, O&M cost per unit water supply is Rs. 0.27, 0.16, 0.8, 0.31 and 0.72 respectively. The performance of all projects is up to satisfactorily level.

CIPC Chandrapur & CADA Nagpur: The ratio in Bor and Lower Wunna project was more than the State target.

CADA Nashik: In all the projects, the O&M cost per unit water supplied is above State norm. The indicator value ranges from Rs.0.30 to Rs. 1.26. Field officers are required to take necessary steps to improve the performance.

CADA Jalgaon: In Hatnur project, the O&M cost per unit water supplied increased from Rs. 0.31 to Rs.0.46 and it is 2.8 times more than the State norm.

CADA Pune: In Kukadi Project the O&M cost is Rs. 0.57 per cum which increased over last year's value of Rs. 0.21 per cum because of increase in expenditure on

maintenance. In Ghod Project, this year O&M cost is Rs. 0.45 per cum, which increased compared to last year. Reduction in performance of both the projects is due to high maintenance expenditure.

AIC Akola: The ratio in Pus is very high compared to State norm.

NIC Nanded: In Upper Penganga, the ratio increased from 0.31 to 2.03 because of lesser availability & utilization.

Surplus plan group

CADA Nagpur: Water supply per unit area in Bagh and Pench projects is more than State target so also expenditure per unit irrigated area is also more than State target. Therefore, O&M cost per unit water supply is also more than State target. In Itiadoh project, water supply per unit area is nearly equal to State target but cost per unit irrigated area is more than State norms, Therefore, cost per unit water supply works out to be more than State norm.

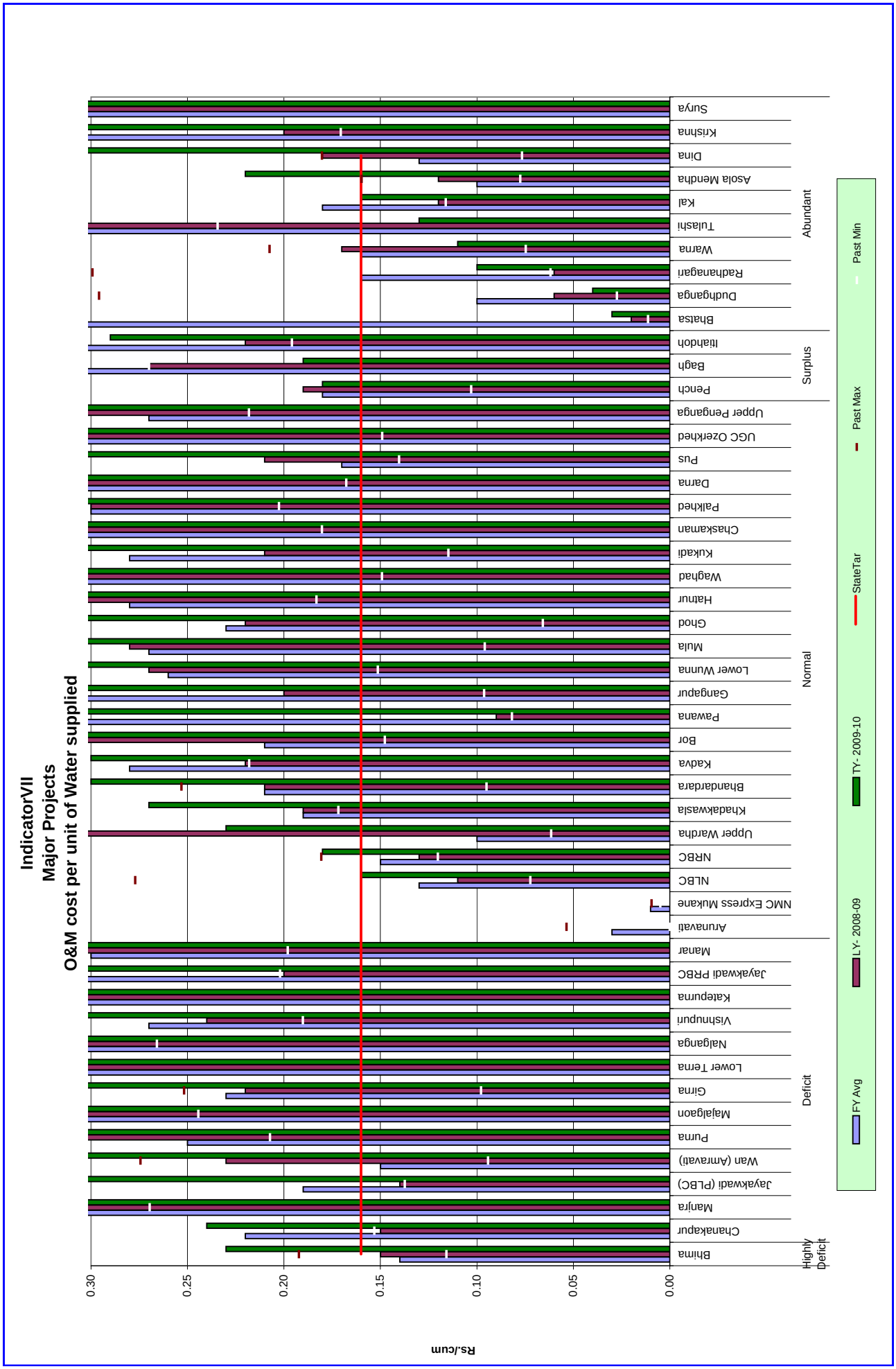
Abundant plan group

SIC Sangli: The O&M cost per unit of water supply for irrigation, in different projects under this circle are; Radhanagari – Rs. 0.10, Tulshi – Rs. 0.13, Warna –Rs. 0.11 & Dudhganga –Rs. 0.04. Performance of all the projects is very good.

TIC Thane: The O&M cost per unit of water supply in different projects under this circle are; Bhatsa – Rs. 0.03, Surya – Rs. 1.12 & Kal-Amba – Rs. 0.16. In Surya project, the increase is remarkable.

CIPC Chandrapur: In Asolamendha project, cost per unit water supply is more than State norm because water utilization is less than stipulated to be supplied per unit irrigated area. In Dina project, the cost per unit water supply is more than State norm as expenditure is more.

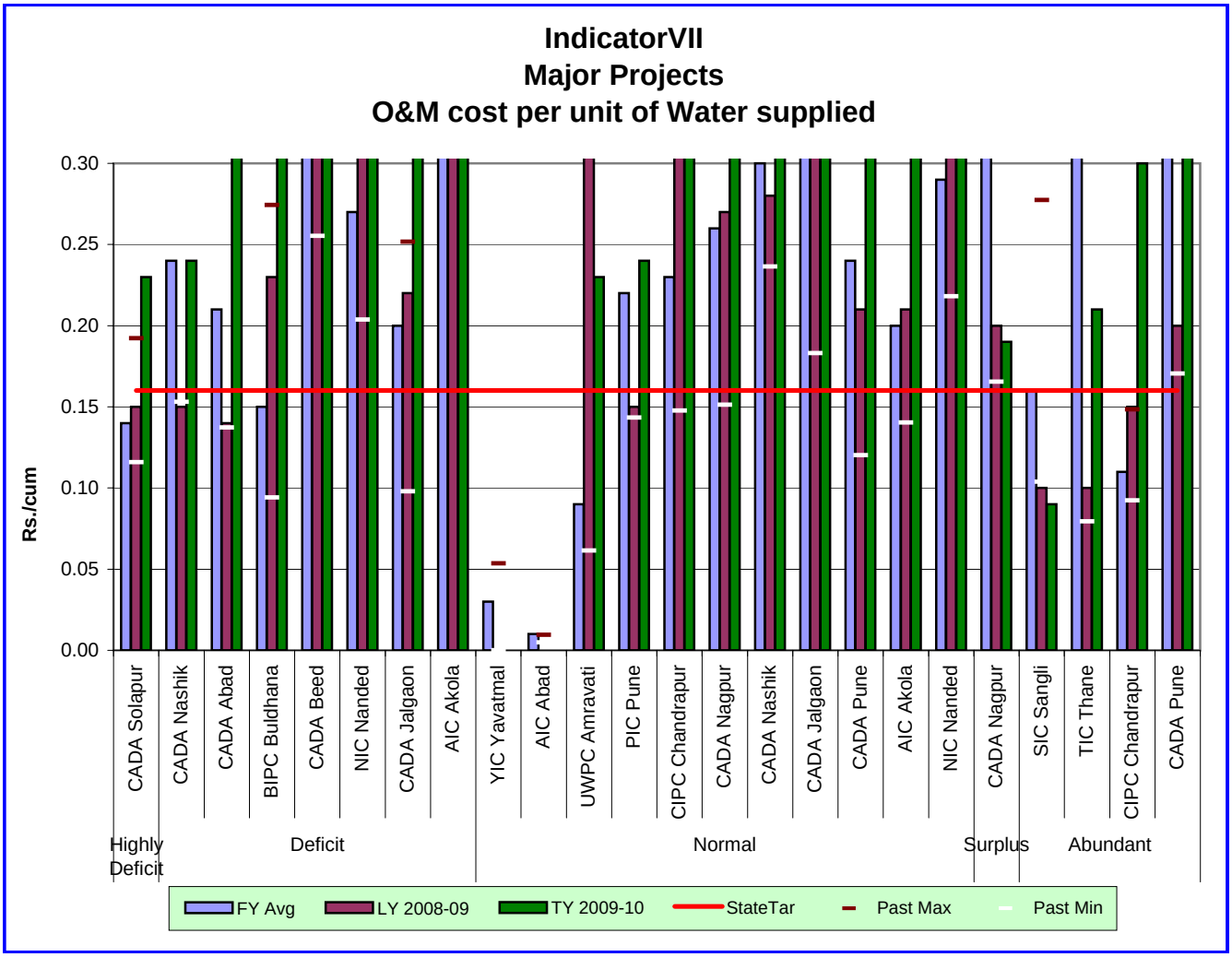
CADA Pune: In Krishna Project, the O&M cost is Rs. 0.33 per cum, which increased from Rs. 0.20 of last year, it is due to increase in expenditure on maintenance over last year.


IndicatorVII
Major Projects
O&M cost per unit of Water supplied
Rs./cum
0.30
0.25
0.20
0.15
0.10
0.05
0.00
FY Avg
LY- 2008-09
TY- 2009-10
StateTar
Past Max
Past Min
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Chanakapur
Manjra
Jayakwadi (PLBC)
Wan (Amravati)
Purna
Majalgaon
Girna
Lower Terna
Nalganga
Vishnupuri
Katepurna
Jayakwadi PRBC
Manar
Arunavati
NMC Express Mulkane
NLBC
NRBC
Upper Wardha
Khadakwasla
Bhandardara
Kadva
Bor
Pawana
Gangapur
Lower Wunna
Mula
Ghod
Hatnur
Waghad
Kukadi
Chaskaman
Palkhed
Darna
Pus
UGC Ozerkhed
Upper Penganga
Pench
Bagh
Itiahdoh
Bhatsa
Dudhganga
Radhanagari
Warna
Tulashi
Kal
Asola Mendha
Dina
Krishna
Surya

Indicator VII
Major Projects
O & M Cost per unit of Water supplied (Rs./Cum)

Circle	Plan-group	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	0.14	0.15	0.23	0.19	0.12	0.23	0.16
CADA Nashik	Deficit	Chanakapur	0.22	0.15	0.24	0.37	0.15	5.21	0.16
CADA Beed		Manjra	0.35	0.35	0.43	5.91	0.27		0.16
CADA Abad		Jayakwadi (PLBC)	0.19	0.14	0.60	0.31	0.14		0.16
BIPC Buldhana		Wan (Amravati)	0.15	0.23	0.77	0.27	0.09		0.16
NIC Nanded		Purna	0.25	0.38	0.84	0.59	0.21		0.16
CADA Beed		Majalgaon	0.34	0.38	0.84	0.41	0.24		0.16
CADA Jalgaon		Girna	0.23	0.22	1.24	0.25	0.10		0.16
CADA Beed		Lower Terna	0.66	0.59	1.33	10.19	0.59		0.16
AIC Akola		Nalganga	0.77	2.05	1.40	2.05	0.27		0.16
NIC Nanded		Vishnupuri	0.27	0.24	1.45	0.39	0.19		0.16
AIC Akola		Katepurna	0.44	1.23	1.49	2.85	0.32		0.16
CADA Beed		Jayakwadi PRBC	1.00	0.20	1.78	3.94	0.20		0.16
NIC Nanded		Manar	0.30	1.14	55.37	1.14	0.20		0.16
YIC Yavatmal	Normal	Arunavati	0.03	0.00	0.00	0.05	0.00	0.58	0.16
AIC Abad		NMC Express Mukane	0.01	0.00	0.00	0.01	0.00		0.16
PIC Pune		NLBC	0.13	0.11	0.16	0.28	0.07		0.16
PIC Pune		NRBC	0.15	0.13	0.18	0.18	0.12		0.16
UWPC Amravati		Upper Wardha	0.10	0.31	0.23	0.31	0.06		0.16
PIC Pune		Khadakwasla	0.19	0.19	0.27	0.43	0.17		0.16
CADA Nashik		Bhandardara	0.21	0.21	0.30	0.25	0.09		0.16
CADA Nashik		Kadva	0.28	0.22	0.30	0.37	0.22		0.16
CIPC Chandrapur		Bor	0.21	0.39	0.31	0.48	0.15		0.16
PIC Pune		Pawana	0.37	0.09	0.31	2.08	0.08		0.16
CADA Nashik		Gangapur	0.41	0.20	0.37	2.32	0.10		0.16
CADA Nagpur		Lower Wunna	0.26	0.27	0.38	0.48	0.15		0.16
CADA Nashik		Mula	0.27	0.28	0.41	0.34	0.10		0.16
CADA Pune		Ghod	0.23	0.22	0.45	0.41	0.07		0.16
CADA Jalgaon		Hatnur	0.28	0.31	0.46	0.85	0.18		0.16
CADA Nashik		Waghad	0.33	0.31	0.55	0.36	0.15		0.16
CADA Pune		Kukadi	0.28	0.21	0.57	0.35	0.11		0.16
PIC Pune		Chaskaman	0.33	0.37	0.72	0.71	0.18		0.16
CADA Nashik		Palkhed	0.30	0.30	0.80	0.48	0.20		0.16
CADA Nashik		Darna	0.70	1.02	1.03	3.06	0.17		0.16
AIC Akola		Pus	0.17	0.21	1.18	2.52	0.14		0.16
CADA Nashik		UGC Ozerkhed	0.52	0.46	1.26	0.60	0.15		0.16
NIC Nanded		Upper Penganga	0.27	0.32	2.03	0.64	0.22		0.16
CADA Nagpur	Surplus	Pench	0.18	0.19	0.18	0.37	0.10	0.22	0.16
CADA Nagpur		Bagh	4.76	0.27	0.19	21.20	0.27		0.16
CADA Nagpur		Itiahdoh	4.29	0.22	0.29	14.24	0.20		0.16
TIC Thane	Abundant	Bhatsa	0.48	0.02	0.03	1.50	0.01	0.32	0.16
SIC Sangli		Dudhganga	0.10	0.06	0.04	0.30	0.03		0.16
SIC Sangli		Radhanagari	0.16	0.06	0.10	0.30	0.06		0.16
SIC Sangli		Warna	0.16	0.17	0.11	0.21	0.07		0.16
SIC Sangli		Tulashi	0.36	0.38	0.13	0.48	0.23		0.16
TIC Thane		Kal	0.18	0.12	0.16	1.44	0.12		0.16
CIPC Chandrapur		Asola Mendha	0.10	0.12	0.22	0.16	0.08		0.16
CIPC Chandrapur		Dina	0.13	0.18	0.34	0.18	0.08		0.16
CADA Pune		Krishna	0.43	0.2	0.39	0.66	0.17		0.16
TIC Thane		Surya	0.66	0.54	1.12	1.30	0.38		0.16

Note:-Figures in red are not considered for calculating average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	0.14	0.15	0.23	0.19	0.12	0.23	0.16
Deficit	CADA Nashik	0.24	0.15	0.24	0.37	0.15	0.89	0.16
	CADA Abad	0.21	0.14	0.60	0.31	0.14		
	BIPC Buldhana	0.15	0.23	0.77	0.27	0.09		
	CADA Beed	0.60	0.33	0.85	1.79	0.26		
	NIC Nanded	0.27	0.38	1.16	0.38	0.20		
	CADA Jalgaon	0.20	0.22	1.24	0.25	0.10		
	AIC Akola	0.58	1.60	1.36	1.60	0.39		
Normal	YIC Yavatmal	0.03	0.00	0.00	0.05	0.00	0.65	0.16
	AIC Abad	0.01	0.00	0.00	0.01	0.00		
	UWPC Amravati	0.09	0.31	0.23	0.31	0.06		
	PIC Pune	0.22	0.15	0.24	0.37	0.14		
	CIPC Chandrapur	0.23	0.39	0.31	0.48	0.15		
	CADA Nagpur	0.26	0.27	0.38	0.48	0.15		
	CADA Nashik	0.30	0.28	0.44	0.46	0.24		
	CADA Jalgaon	0.39	0.31	0.46	0.85	0.18		
	CADA Pune	0.24	0.21	0.54	0.33	0.12		
	AIC Akola	0.20	0.21	1.18	2.52	0.14		
	NIC Nanded	0.29	0.32	2.03	0.64	0.22		
Surplus	CADA Nagpur	1.31	0.20	0.19	4.59	0.17	0.19	0.16
Abundant	SIC Sangli	0.16	0.10	0.09	0.28	0.10	0.25	0.16
	TIC Thane	0.52	0.10	0.21	1.25	0.08		
	CIPC Chandrapur	0.11	0.15	0.30	0.15	0.09		
	CADA Pune	0.39	0.20	0.39	0.66	0.17		

Note:-Figures in red are not considered for calculating average performance.

Indicator VIII: Revenue per unit of water supplied

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) project, the revenue is Rs. 0.13 per cum, which is 80% of the State target.

Deficit plan group

NIC Nanded: In Manar & Vishnupuri revenue per unit of water supply increased from 0.01 (2008-09) to 0.72 & 0.31(2009-10) respectively, whereas Purna has retained its last years value 0.07.

AIC Akola: Due to less recovery in Nalganga project, indicator value is lower than State norm. In Katepurna project it is more than State norm, because of non irrigation recovery.

CADA Jalgaon: In Girna project, the ratio was lower than the State norm since last three years. However, it has increased to Rs.0.20 in this year (2009-10) which in just on higher side of the State norm (Rs.0.18/cum).

CADA Beed: In Majalgaon & Lower Terna, revenue per unit of water supply is Rs. 0.14 (increased from Rs. 0.11) & Rs. 0.27 (decreased from Rs. 0.13) respectively as compared to last year, in Jayakwadi Project (PRBC), it has increased from Rs. 0.06 to Rs. 0.20 as revenue collection is better in spite of lesser utilisation of water as compared to last year, whereas in Manjra project, revenue is Rs. 0.26 (decreased from Rs. 0.23).

CADA Nashik: In Chankapur project, though the ratio is lowered from Rs. 0.47 to Rs. 0.31 the performance is much better as compared to State norm since last two years.

BIPC Buldhana: In Wan Project, revenue per unit water supply is more than State target due to non irrigation recovery.

CADA Aurangabad: In Jayakwadi project (PLBC), the revenue per unit of water supply increased from Rs. 0.40 to Rs. 1.5, mainly because of non irrigation recovery (Rs. 6695 lakh) this year.

Normal plan group

CIPC Chandrapur: In Bor project, recovery of water charges for irrigation is very less compared to assessment. Further, perennial crops are very less, resulting in lesser amount and water use per hectare is also more than norms. Therefore, revenue per unit water supply is very less compared to State norm.

AIC Aurangabad: In Nandur Madhmeshwar express canal, revenue per unit of water supply increased from Rs. 0.02 to Rs.0.04 this year.

UWPC Amrawati: In Upper Wardha project, the ratio is less than State target due to excessive use of water as compared to revenue.

CADA Pune: In Kukadi Project revenue is Rs. 0.07 per cum which shows slight increase over last year (Rs. 0.04 per cum.). It is far below the State norms. In Ghod project, revenue per unit water supply is Rs. 0.23, which shows slight increase from Rs. 0.19 of last year.

NIC Nanded: In Upper Penganga project, revenue per unit of water supply increased from last years value Rs. 0.06 to Rs. 0.18, as revenue collection is better in spite of lesser utilisation as compared to last year.

AIC Akola: The performance of Pus project is very good as the ratio is more than State norm.

CADA Nashik: The revenue per unit water supplied is above State norm in Gangapur, Darna, & Palkhed projects since last two years. However, the ratio is varying between 0.01 to 0.45 in Bhandardara, Kadwa, Ozerkhed, Mula and Waghad projects.

PIC Pune: In Khadakwasla, revenue is Rs. 0.48 per cum which increased from Rs. 0.39 of last year because of increase in recovery of irrigation and non irrigation water charges.

In NLBC, revenue is Rs. 0.20 per cum. In NRBC, the value is 0.14. In Pawna Project, the value increased from Rs. 1.67 to Rs. 2.48 per cum. The improvement in performance is due to increased recovery of water charges.

YIC Yavatmal: In Arunavati project, the ratio is more than State norm due to non irrigation recovery.

CADA Nagpur: In Lower Wunna project, as recovery is Rs. 995 lakh revenue per unit of water use is more than State norms.

CADA Jalgaon: In Hatnur project, though the ratio lowered from 1.58 in 2008-09 to 1.49 in 2009-10, it is above State norm.

Surplus plan group

CADA Nagpur: As non irrigation water supply and recovery on its part is considerably high in Pench project, revenue per unit water supply is more than State norm. Whereas in Bagh and Itiadoh projects there is less recovery resulting in lesser value of revenue per unit water supply.

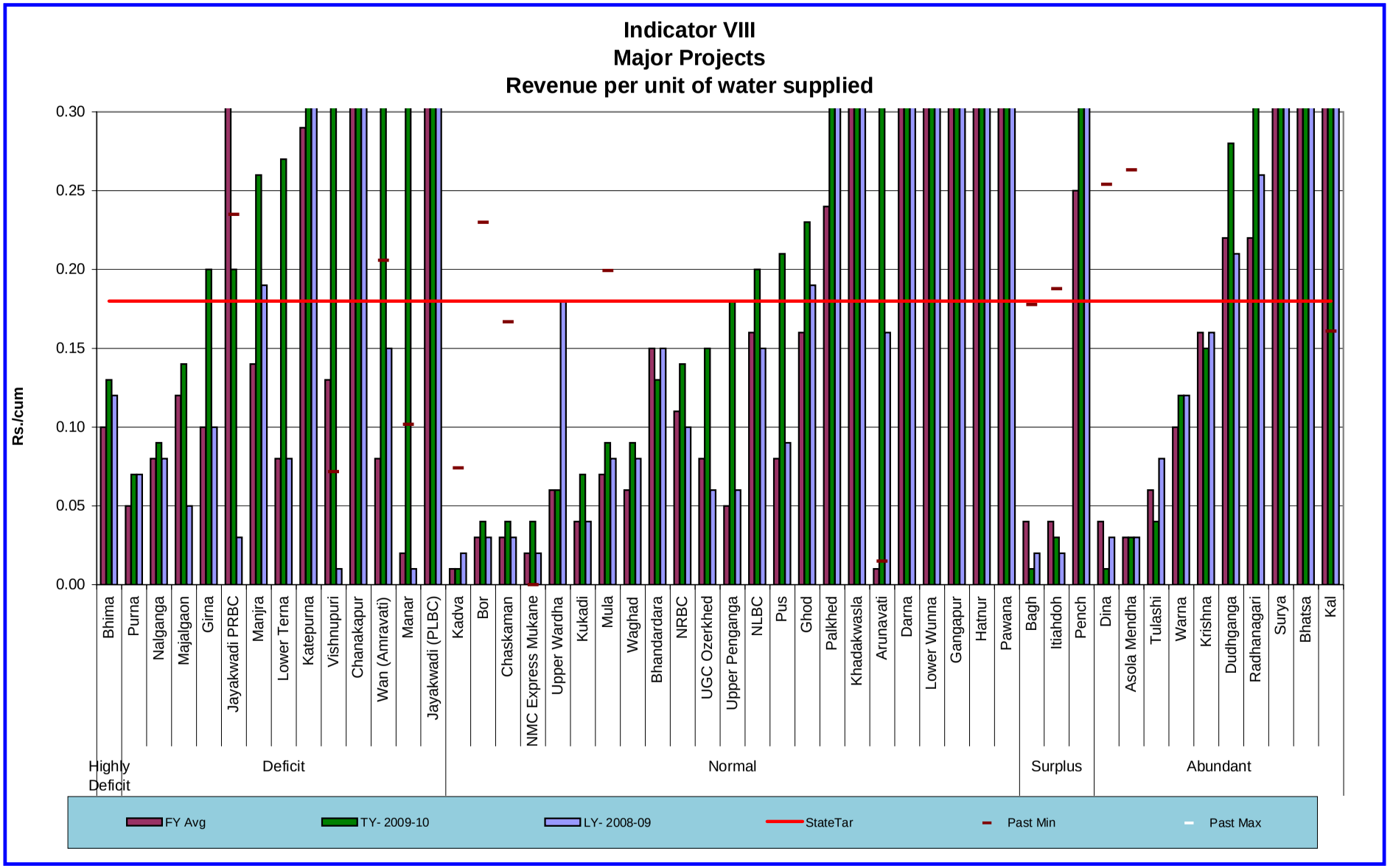
Abundant plan group

CIPC Chandrapur: In Asolamendha & Dina projects, less recovery for irrigation water supply resulted in lesser value of revenue per unit water supply.

CADA Pune: In Krishna Project, the performance is lowered from Rs. 0.16 of last year to Rs. 0.15 per cum this year.

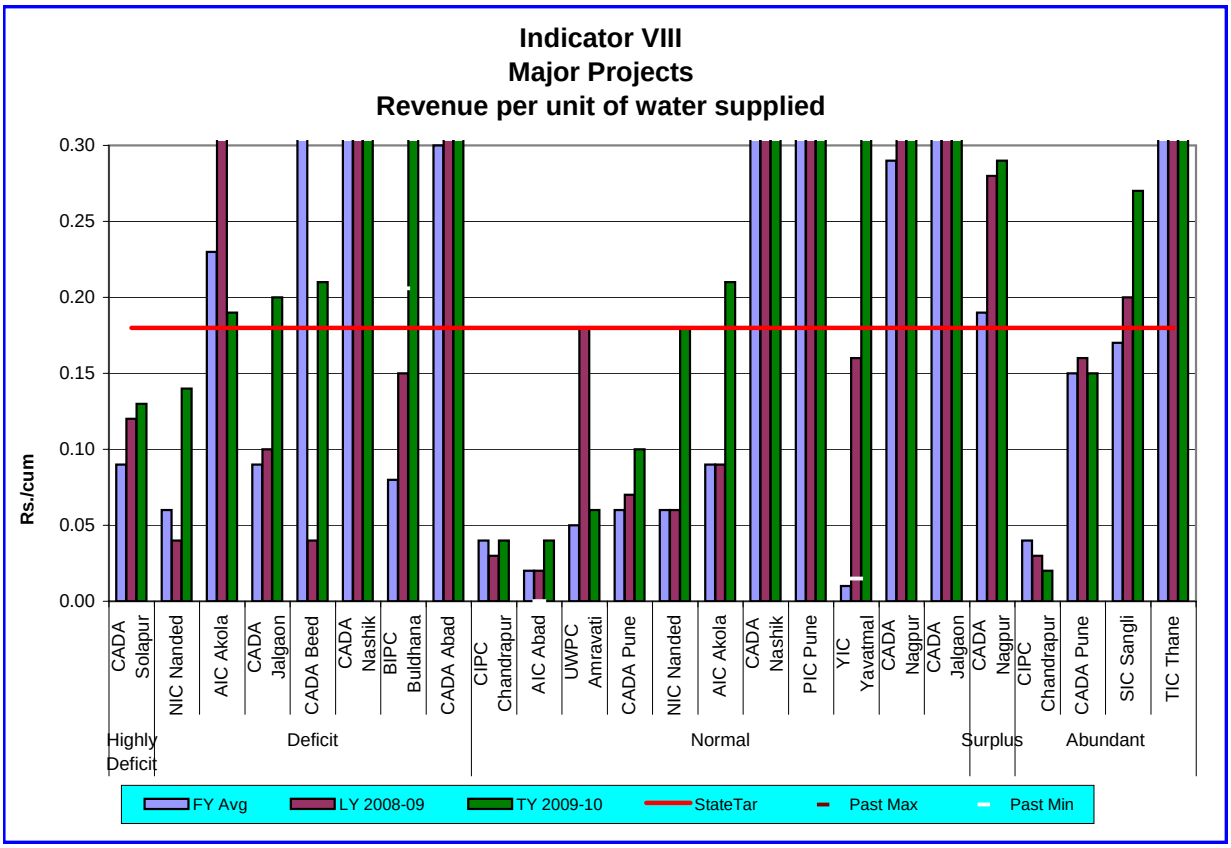
SIC Sangli: The revenue per cubic metre of water supply, in projects under this circle is; Radhanagri - Rs.0.50, Tulshi - Rs.0.04, Warna - Rs.0.12 & Dudhganga - Rs.0.04. Performance in Tulshi & Warna project is below the State norm.

TIC Thane: The ratio in different projects under this circle is; Bhatsa - Rs.2.08, Kal-Amba -Rs. 2.95 & Surya - Rs. 1.26 per cum. Overall performance is more than State target.


Indicator VIII
Major Projects
Revenue per unit of water supplied
Rs./cum
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Bhima
Purna
Nalganga
Majalgaon
Girna
Jayakwadi PRBC
Manjra
Lower Terna
Katepurna
Vishnupuri
Chanakapur
Wan (Amravati)
Manar
Jayakwadi (PLBC)
Kadva
Bor
Chaskaman
NMC Express Mukane
Upper Wardha
Kukadi
Mula
Waghad
Bhandardara
NRBC
UGC Ozerkhed
Upper Penganga
NLBC
Pus
Ghod
Palkhed
Khadakwasla
Arunavati
Darna
Lower Wunna
Gangapur
Hatnur
Pawana
Bagh
Itiahdoh
Pench
Dina
Asola Mendha
Tulashi
Warna
Krishna
Dudhganga
Radhanagari
Surya
Bhatsa
Kal
Highly Deficit
Deficit
Normal
Surplus
Abundant
FY Avg
TY- 2009-10
LY- 2008-09
StateTar
Past Min
Past Max

Indicator VIII
Major Projects
Revenue per unit of Water supplied (Rs./Cum)

Circle	Plan-group	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	0.10	0.12	0.13	1.23	0.79	0.13	0.18
NIC Nanded	Deficit	Purna	0.05	0.07	0.07	1.37	0.35	0.22	0.18
AIC Akola		Nalganga	0.08	0.08	0.09	1.55	0.58		0.18
CADA Beed		Majalgaon	0.12	0.05	0.14	2.83	0.45		0.18
CADA Jalgaon		Girna	0.10	0.10	0.20	1.07	0.49		0.18
CADA Beed		Jayakwadi PRBC	0.83	0.03	0.20	36.92	0.24		0.18
CADA Beed		Manjra	0.14	0.19	0.26	15.35	0.45		0.18
CADA Beed		Lower Terna	0.08	0.08	0.27	6.71	0.50		0.18
AIC Akola		Katepurna	0.29	0.69	0.31	11.76	1.22		0.18
NIC Nanded		Vishnupuri	0.13	0.01	0.31	2.10	0.07		0.18
CADA Nashik		Chanakapur	0.49	0.47	0.31	6.25	2.97		0.18
BIPC Buldhana		Wan (Amravati)	0.08	0.15	0.54	1.53	0.21		0.18
NIC Nanded		Manar	0.02	0.01	0.72	0.31	0.10		0.18
CADA Abad		Jayakwadi (PLBC)	0.31	0.36	1.60	4.35	1.55		0.18
CADA Nashik	Normal	Kadva	0.01	0.02	0.01	0.82	0.07	0.11	0.18
CIPC Chandrapur		Bor	0.03	0.03	0.04	0.59	0.23		0.18
PIC Pune		Chaskaman	0.03	0.03	0.04	0.73	0.17		0.18
AIC Abad		NMC Express Mukane	0.02	0.02	0.04	0.49	0.00		0.18
UWPC Amravati		Upper Wardha	0.06	0.18	0.06	1.83	0.33		0.18
CADA Pune		Kukadi	0.04	0.04	0.07	0.55	0.32		0.18
CADA Nashik		Mula	0.07	0.08	0.09	0.78	0.20		0.18
CADA Nashik		Waghad	0.06	0.08	0.09	0.80	0.42		0.18
CADA Nashik		Bhandardara	0.15	0.15	0.13	1.72	0.54		0.18
PIC Pune		NRBC	0.11	0.10	0.14	1.33	0.93		0.18
CADA Nashik		UGC Ozerkhed	0.08	0.06	0.15	0.98	0.55		0.18
NIC Nanded		Upper Penganga	0.05	0.06	0.18	1.14	0.35		0.18
PIC Pune		NLBC	0.16	0.15	0.20	1.75	0.95		0.18
AIC Akola		Pus	0.08	0.09	0.21	10.30	0.54		0.18
CADA Pune		Ghod	0.16	0.19	0.23	1.99	0.96		0.18
CADA Nashik		Palkhed	0.24	0.33	0.45	3.46	1.47		0.18
PIC Pune		Khadakwasla	0.32	0.39	0.48	3.90	1.88		0.18
YIC Yavatmal		Arunavati	0.01	0.16	0.89	1.63	0.01		0.18
CADA Nashik		Darna	0.81	2.93	1.09	29.25	1.14		0.18
CADA Nagpur		Lower Wunna	0.31	0.45	1.29	4.50	1.83		0.18
CADA Nashik		Gangapur	1.80	2.25	1.38	22.52	12.78		0.18
CADA Jalgaon		Hatnur	0.85	1.58	1.49	15.80	2.02		0.18
PIC Pune		Pawana	1.69	1.67	2.48	20.97	14.57		0.18
CADA Nagpur	Surplus	Bagh	0.04	0.02	0.01	0.92	0.18	0.13	0.18
CADA Nagpur		Itiahdoh	0.04	0.02	0.03	0.68	0.19		0.18
CADA Nagpur		Pench	0.25	0.39	0.36	3.89	1.89		0.18
CIPC Chandrapur	Abundant	Dina	0.04	0.03	0.01	0.59	0.25	0.11	0.18
CIPC Chandrapur		Asola Mendha	0.03	0.03	0.03	0.36	0.26		0.18
SIC Sangli		Tulashi	0.06	0.08	0.04	0.82	0.51		0.18
SIC Sangli		Warna	0.10	0.12	0.12	1.19	0.90		0.18
CADA Pune		Krishna	0.16	0.16	0.15	1.65	1.01		0.18
SIC Sangli		Dudhganga	0.22	0.21	0.28	2.85	1.49		0.18
SIC Sangli		Radhanagari	0.22	0.26	0.50	2.65	1.87		0.18
TIC Thane		Surya	1.04	1.16	1.26	15.04	7.16		0.18
TIC Thane		Bhatsa	0.48	0.98	2.08	9.81	2.57		0.18
TIC Thane		Kal	0.85	2.04	2.95	20.36	0.16		0.18
Note:-Figures in red are not considered for calculating average performance.									



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	0.09	0.12	0.13	1.23	0.79	0.13	0.18
Deficit	NIC Nanded	0.06	0.04	0.14	1.04	0.43	0.21	0.18
	AIC Akola	0.23	0.42	0.19	4.19	1.25		
	CADA Jalgaon	0.09	0.10	0.20	1.07	0.49		
	CADA Beed	0.37	0.04	0.21	15.00	0.42		
	CADA Nashik	0.46	0.47	0.31	6.25	2.97		
	BIPC Buldhana	0.08	0.15	0.54	1.53	0.21		
	CADA Abad	0.30	0.36	1.60	4.35	1.55		
Normal	CIPC Chandrapur	0.04	0.03	0.04	0.59	0.23	0.17	0.18
	AIC Abad	0.02	0.02	0.04	0.49	0.00		
	UWPC Amravati	0.05	0.18	0.06	1.83	0.33		
	CADA Pune	0.06	0.07	0.10	0.71	0.47		
	NIC Nanded	0.06	0.06	0.18	1.14	0.35		
	AIC Akola	0.09	0.09	0.21	10.30	0.54		
	CADA Nashik	0.33	0.47	0.32	4.69	2.04		
	PIC Pune	0.32	0.36	0.43	3.94	2.20		
	YIC Yavatmal	0.01	0.16	0.89	1.63	0.01		
	CADA Nagpur	0.29	0.45	1.29	4.50	1.83		
	CADA Jalgaon	0.83	1.58	1.49	15.80	2.02		
Surplus	CADA Nagpur	0.19	0.28	0.29	2.78	1.40	0.29	0.18
Abundant	CIPC Chandrapur	0.04	0.03	0.02	0.49	0.26	0.15.	0.18
	CADA Pune	0.15	0.16	0.15	1.65	1.01		
	SIC Sangli	0.17	0.20	0.27	2.01	1.52		
	TIC Thane	0.62	1.15	2.06	11.52	3.08		

Note:-Figures in red are not considered for calculating average performance.

Indicator X: Land Damage Index

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) project, percentage of land damage increased this year.

Deficit Plan group

NIC Nanded: In all the three projects the land damage index is nil.

CADA Beed: In Manjra & Jayakwadi Project (PRBC), the affected area has remained same as last year value i.e. 408 & 387 hectares respectively.

CADA Aurangabad: In Jayakwadi Project (PLBC), the land damage decreased from 2228 hectares in 2008-09 to 1228 hectares this year.

Normal plan group

AIC Aurangabad: In Nandur Madhmeshwar express canal, there is no land damage area observed as it is an ongoing project.

NIC Nanded: In Upper Penganga project, there is decrease in land damage area from 298 to 260 hectares this year.

CADA Pune: In Kukadi Project, land damage is 0.13 % this year.

CADA Nashik: In Mula, Kadawa, Gangapur, Darna & Ozerkhed projects, the indicator value is 0.49, 0.27, 0.12, 0.14 & 0.17 respectively.

PIC Pune: In NLBC, there is increase in damage of lands compared to past.

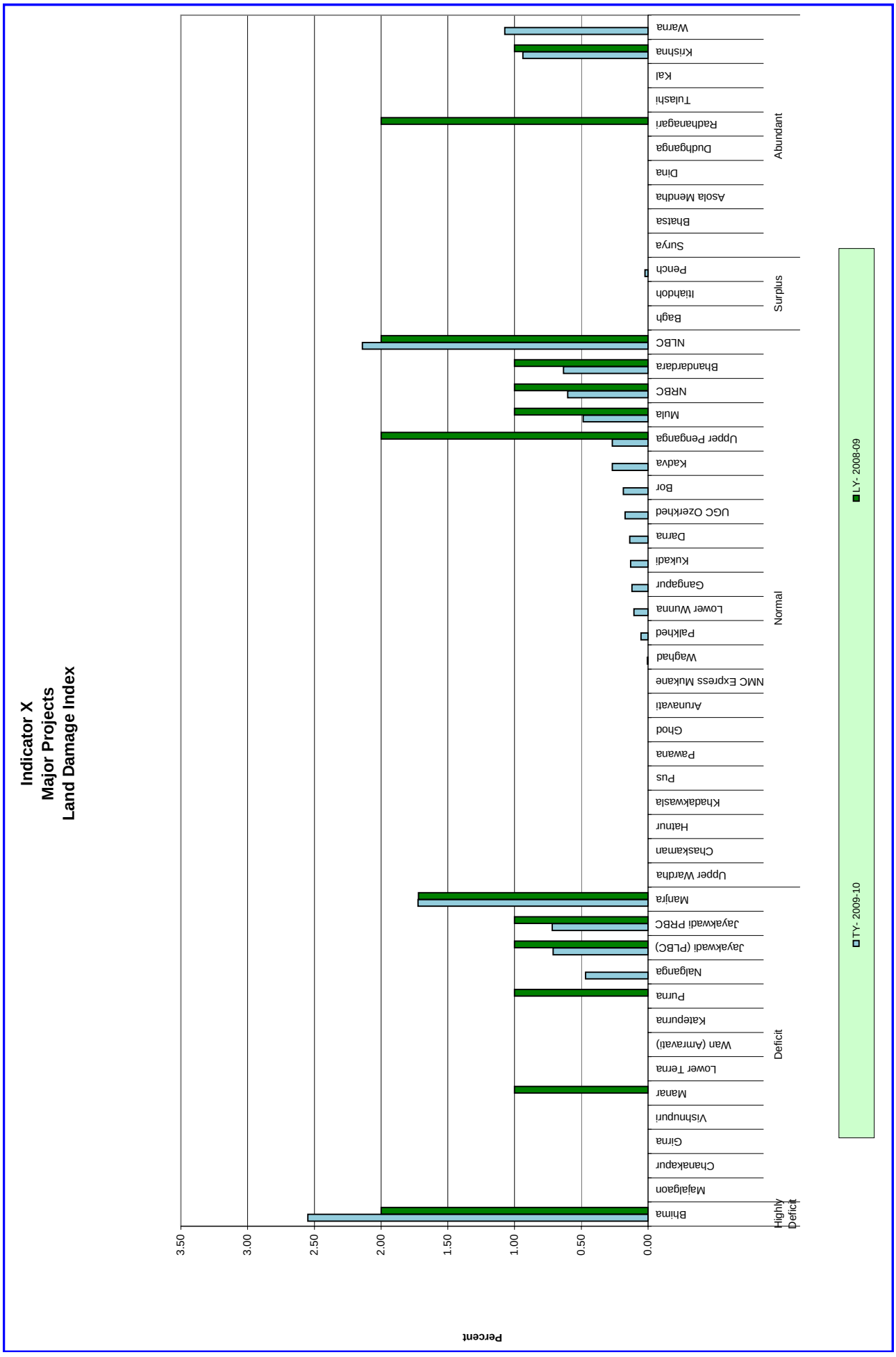
CADA Nagpur & CIPC Chandrapur: In Bor project 30 hectares were reported as damaged resulting in 0.19% as land damage index. In Lower Wunna project complex, 23 hectares were reported as damaged. So land damage index works out to 0.11%.

Surplus plan group

CADA Nagpur: In Pench project complex, 28.68 hectares were reported as damaged, resulting into 0.02% land damage index.

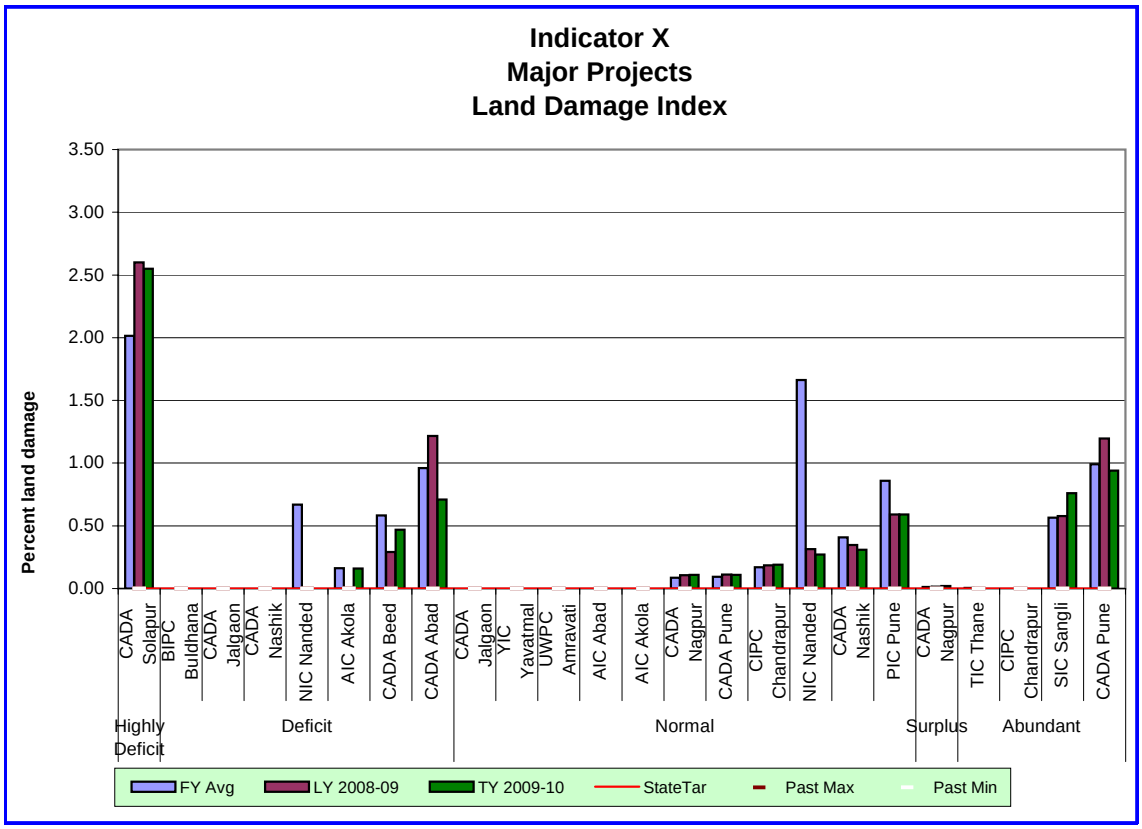
Abundant plan group

CADA Pune: In Krishna Project the land damaged ratio is 0.94% this year, which is reduced from 1% last year.


Indicator X
Major Projects
Land Damage Index
Percent
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Majalgaon
Chanakapur
Girna
Vishnupuri
Manar
Lower Terna
Wan (Amravati)
Katepurna
Purna
Nalganga
Jayakwadi (PLBC)
Jayakwadi PRBC
Manjra
Upper Wardha
Chaskaman
Hatnur
Khadakwasla
Pus
Pawana
Ghod
Arunavati
NMC Express Mukane
Waghad
Palkhed
Lower Wunna
Gangapur
Kukadi
Darna
UGC Ozerkhed
Bor
Kadva
Upper Pengnga
Mula
NRBC
Bhandardara
NLBC
Bagh
Itiahdoh
Pench
Surya
Bhatsa
Asola Mendha
Dina
Dudhganga
Radhanagari
Tulashi
Kal
Krishna
Warna
TY- 2009-10
LY- 2008-09

Indicator X
Major Projects

Circle	Plan-group	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	3.00	2.00	2.55	0.00	0.00	2.55	0.00
CADA Beed	Deficit	Majalgaon	0.00	0.00	0.00	0.00	0.00	0.28	0.00
CADA Nashik		Chanakapur	0.00	0.00	0.00	0.00	0.00		0.00
CADA Jalgaon		Girna	0.00	0.00	0.00	0.00	0.00		0.00
NIC Nanded		Vishnupuri	0.00	0.00	0.00	0.00	0.00		0.00
NIC Nanded		Manar	0.00	1.00	0.00	0.00	0.00		0.00
CADA Beed		Lower Terna	0.00	0.00	0.00	0.00	0.00		0.00
BIPC Buldhana		Wan (Amravati)	0.00	0.00	0.00	0.00	0.00		0.00
AIC Akola		Katepurna	0.00	0.00	0.00	0.00	0.00		0.00
NIC Nanded		Purna	0.00	1.00	0.00	0.00	0.00		0.00
AIC Akola		Nalganga	0.00	0.00	0.47	0.00	0.00		0.00
CADA Abad		Jayakwadi (PLBC)	1.00	1.00	0.71	0.00	0.00		0.00
CADA Beed		Jayakwadi PRBC	1.00	1.00	0.72	0.00	0.00		0.00
CADA Beed		Manjra	0.00	1.72	1.72	0.00	0.00		0.00
UWPC Amravati	Normal	Upper Wardha	0.00	0.00	0.00	0.00	0.00	0.23	0.00
PIC Pune		Chaskaman	0.00	0.00	0.00	0.00	0.00		0.00
CADA Jalgaon		Hatnur	0.00	0.00	0.00	0.00	0.00		0.00
PIC Pune		Khadakwasla	0.00	0.00	0.00	0.00	0.00		0.00
AIC Akola		Pus	0.00	0.00	0.00	0.00	0.00		0.00
PIC Pune		Pawana	0.00	0.00	0.00	0.00	0.00		0.00
CADA Pune		Ghod	0.00	0.00	0.00	0.00	0.00		0.00
YIC Yavatmal		Arunavati	0.00	0.00	0.00	0.00	0.00		0.00
AIC Abad		NMC Express Mukane	0.00	0.00	0.00	0.00	0.00		0.00
CADA Nashik		Waghad	0.00	0.00	0.01	0.00	0.00		0.00
CADA Nashik		Palkhed	0.00	0.00	0.05	0.00	0.00		0.00
CADA Nagpur		Lower Wunna	0.00	0.00	0.11	0.00	0.00		0.00
CADA Nashik		Gangapur	0.00	0.00	0.12	0.00	0.00		0.00
CADA Pune		Kukadi	0.00	0.00	0.13	0.00	0.00		0.00
CADA Nashik		Darna	0.00	0.00	0.14	0.00	0.00		0.00
CADA Nashik		UGC Ozerkhed	0.00	0.00	0.17	0.00	0.00		0.00
CIPC Chandrapur		Bor	0.00	0.00	0.19	0.00	0.00		0.00
CADA Nashik		Kadva	0.00	0.00	0.27	0.00	0.00		0.00
NIC Nanded		Upper Penganga	0.00	2.00	0.27	0.00	0.00		0.00
CADA Nashik		Mula	1.00	1.00	0.49	0.00	0.00		0.00
PIC Pune		NRBC	1.00	1.00	0.60	0.00	0.00		0.00
CADA Nashik		Bhandardara	1.00	1.00	0.63	0.00	0.00		0.00
PIC Pune		NLBC	2.00	2.00	2.14	0.00	0.00		0.00
CADA Nagpur	Surplus	Bagh	0.00	0.00	0.00	0.00	0.00	0.01	0.00
CADA Nagpur		Itiahdoh	0.00	0.00	0.00	0.00	0.00		0.00
CADA Nagpur		Pench	0.00	0.00	0.02	0.00	0.00		0.00
TIC Thane	Abundant	Surya	0.00	0.00	0.00	0.00	0.00	0.20	0.00
TIC Thane		Bhatsa	0.00	0.00	0.00	0.00	0.00		0.00
CIPC Chandrapur		Asola Mendha	0.00	0.00	0.00	0.00	0.00		0.00
CIPC Chandrapur		Dina	0.00	0.00	0.00	0.00	0.00		0.00
SIC Sangli		Dudhganga	0.00	0.00	0.00	0.00	0.00		0.00
SIC Sangli		Radhanagari	2.00	2.00	0.00	0.00	0.00		0.00
SIC Sangli		Tulashi	0.00	0.00	0.00	0.00	0.00		0.00
TIC Thane		Kal	0.00	0.00	0.00	0.00	0.00		0.00
CADA Pune		Krishna	1	1	0.94	0	0		0.00
SIC Sangli		Warna	0	0	1.07	0	0		0.00
Note:-Figures in red are not considered for calculating average									



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	2.02	2.60	2.55	0.00	0.00	2.55	0.00
Deficit	BIPC Buldhana	0.00	0.00	0.00	0.00	0.00	0.19	0.00
	CADA Jalgaon	0.00	0.00	0.00	0.00	0.00		
	CADA Nashik	0.00	0.00	0.00	0.00	0.00		
	NIC Nanded	0.67	0.00	0.00	0.00	0.00		
	AIC Akola	0.16	0.00	0.16	0.00	0.00		
	CADA Beed	0.58	0.29	0.47	0.00	0.00		
	CADA Abad	0.96	1.22	0.71	0.00	0.00		
Normal	CADA Jalgaon	0.00	0.00	0.00	0.00	0.00	0.14	0.00
	YIC Yavatmal	0.00	0.00	0.00	0.00	0.00		
	UWPC Amravati	0.00	0.00	0.00	0.00	0.00		
	AIC Abad	0.00	0.00	0.00	0.00	0.00		
	AIC Akola	0.00	0.00	0.00	0.00	0.00		
	CADA Nagpur	0.09	0.11	0.11	0.00	0.00		
	CADA Pune	0.09	0.11	0.11	0.00	0.00		
	CIPC Chandrapur	0.17	0.19	0.19	0.00	0.00		
	NIC Nanded	1.66	0.31	0.27	0.00	0.00		
	CADA Nashik	0.41	0.35	0.31	0.00	0.00		
	PIC Pune	0.86	0.59	0.59	0.00	0.00		
Surplus	CADA Nagpur	0.01	0.02	0.02	0.00	0.00	0.02	0.00
Abundant	TIC Thane	0.01	0.00	0.00	0.00	0.00	0.43	0.00
	CIPC Chandrapur	0.00	0.00	0.00	0.00	0.00		
	SIC Sangli	0.57	0.58	0.76	0.00	0.00		
	CADA Pune	0.99	1.20	0.94	0.00	0.00		
Note:-Figures in red are not considered for calculating average performance.								

Indicator XI: Equity performance

Highly Deficit plan group

CADA Solapur: In Bhima project, the performance is as under;

Head reach 0.55, Middle reach 0.49 & Tail reach 0.36

Deficit plan group

AIC Akola: In Nalganga project, irrigated area in head reach is more than 1.5 times the irrigated area in middle and tail reach.

CADA Aurangabad: In Jayakwadi project (PLBC), the potential utilization is more in the head reach similar to last year.

CADA Beed: In Majalgaon project, as the availability of water was low, the ratios of irrigated area to irrigation potential in head, middle & tail reaches each are 0.05. In Manjra project too, the water is distributed equally at 28% & in Lower Terna, the potential utilization is in head reach only. In Jayakwadi (PRBC), the potential utilization is concentrated in middle & tail reaches.

CADA Jalgaon: In Girna project, the values for head, middle & tail reach are 0.10, 0.07 & 0.07 respectively.

CADA Nashik: In Chankapur project, the value for head, middle & tail reach is 0.08.

NIC Nanded: In Vishnupuri & Manar projects, there was no water in reservoirs therefore, no irrigation was provided. In Purna, in spite of very low yield, equity in supplying water to head, middle and tail reaches is achieved.

Normal plan group

AIC Aurangabad: In Nandur Madhmeshwar express canal, the performance in middle is retained as 0.04, whereas it is reduced in head & tail reach as compared to last year.

AIC Akola: In Pus project, irrigation is done only in head reach.

CADA Jalgaon: In Hatnur project, the indicator values for head, middle & tail reach are 0.10, 0.10 &0.05 respectively.

CADA Nagpur: In Lower Wunna project complex, 23%, 39% and 17% area is irrigated at head and middle & tail reach.

CADA Nashik: The indicator values for head, middle & tail reach are 0.38, 0.48 & 0.44 respectively.

CADA Pune: In Kukadi Project, the potential utilization is 30% at head, middle and tail due to lesser availability. In Ghod Project, it is 86% & 76%, 53%.

CIPC Chandrapur: In Bor project, 19%, 30% and 24% area has been irrigated at head, middle & tail reach.

NIC Nanded: In Upper Penganga project, the availability was very low and no irrigation could be done by canal flow.

PIC Pune: In Khadakwasla, potential utilization is same (0.24) in all the three reaches of command area. In NLBC the ratio comes to 1.28 in three reaches. In NRBC utilization of irrigation potential is 1 for all reaches.

UWPC Amrawati: In Upper Wardha project, irrigated area in tail reach is 1/3rd of that in head reach and less than half of the area irrigated in middle reach.

YIC Yavatmal: Irrigation is done only in head reach.

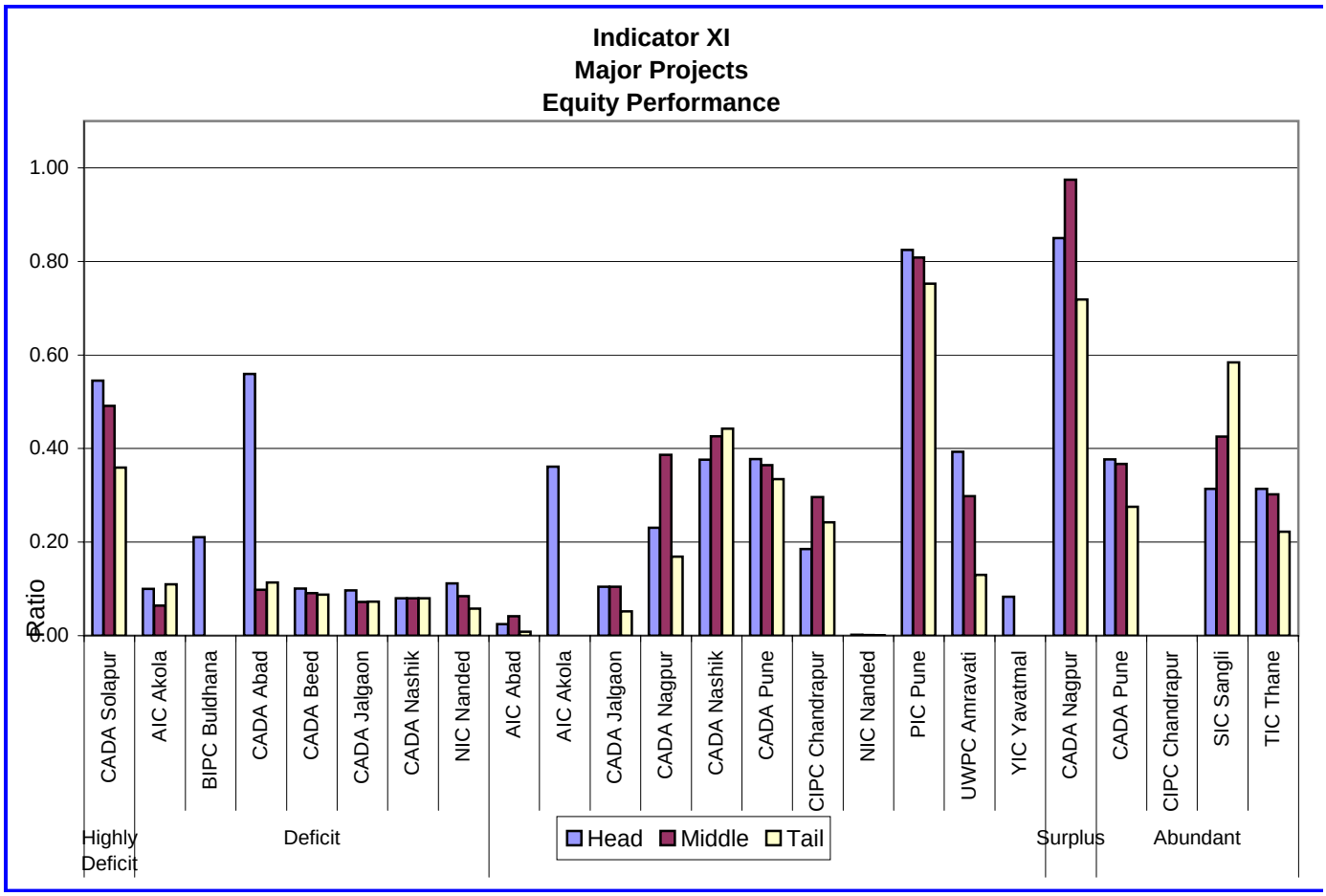
Surplus plan group

CADA Nagpur: In projects under this circle 85% & 97%, 72% area has been irrigated at head, middle & tail reach. In Bagh and Itiadoh projects, it seems that the area irrigated had been equally distributed amount head, middle & tail reach.

Indicator XI
Major Projects
Equity Performance
Ratio
1.00
0.80
0.60
0.40
0.20
0.00
Head
Middle
Tail
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Sina Kolegaon LIS
Katepurna
Nalganga
Sapan
Wan (Amravati)
Jayakwadi (PLBC)
Jayakwadi PRBC
Lower Terna
Majalgaon
Manjra
Girna
Chanakapur
Manar
Purna
Vishnupuri
NMC Express Mulkane
Pus
Hatnur
Lower Wunna
Bhandardara
Darna
Gangapur
Kadva
Mula
Palkhed
UGC (Kaeranjwan)
UGC Ozerkhed
UGC(Punegaon)
UGC(Tisgaon)
Waghad
Ghod
Kukadi
Bor
Upper Penganga
Chaskaman
Khadakwasla
NLBC
NRBC
Pawana
Upper Wardha
Arunavati
Bagh
Itiahdoh
Pench
Krishna
Asola Mendha
Dina
Dudhganga
Radhanagari
Tulashi
Warna
Bhatsa
Kal
Surya

Indicator XI
Major Projects
Equity Performance

Circle	Plan-group	Project	Head	Middle	Tail
CADA Solapur	Highly Deficit	Bhima	0.55	0.49	0.36
CADA Solapur		Sina Kolegaon LIS	0.00	0.00	0.00
AIC Akola	Deficit	Katepurna	0.00	0.00	0.00
AIC Akola		Nalganga	0.60	0.37	0.35
AIC Akola		Sapan	0.04	0.00	0.00
BIPC Buldhana		Wan (Amravati)	0.21	0.00	0.00
CADA Abad		Jayakwadi (PLBC)	0.56	0.10	0.11
CADA Beed		Jayakwadi PRBC	0.05	0.07	0.06
CADA Beed		Lower Terna	0.22	0.11	0.00
CADA Beed		Majalgaon	0.05	0.05	0.05
CADA Beed		Manjra	0.28	0.28	0.28
CADA Jalgaon		Girna	0.10	0.07	0.07
CADA Nashik		Chanakapur	0.08	0.08	0.08
NIC Nanded		Manar	0.00	0.00	0.00
NIC Nanded		Purna	0.19	0.14	0.10
NIC Nanded		Vishnupuri	0.00	0.00	0.00
AIC Abad	Normal	NMC Express Mukane	0.02	0.04	0.01
AIC Akola		Pus	0.36	0.00	0.00
CADA Jalgaon		Hatnur	0.10	0.10	0.05
CADA Nagpur		Lower Wunna	0.23	0.39	0.17
CADA Nashik		Bhandardara	1.00	0.93	0.89
CADA Nashik		Darna	0.00	0.00	0.00
CADA Nashik		Gangapur	0.11	0.15	0.44
SIC Sangli		Kadva	0.12	0.12	0.22
CADA Nashik		Mula	0.60	0.65	0.54
CADA Nashik		Palkhed	0.11	0.18	0.42
CADA Nashik		UGC (Kaeranjwan)	0.02	0.03	0.07
CADA Nashik		UGC Ozerkhed	0.23	0.58	0.44
CADA Nashik		UGC(Punegaon)	0.50	0.63	1.00
CADA Nashik		UGC(Tisgaon)	0.00	0.00	0.00
CADA Nashik		Waghad	0.35	0.60	0.44
CADA Pune		Ghod	0.86	0.76	0.53
CADA Pune		Kukadi	0.30	0.30	0.30
CIPC Chandrapur		Bor	0.19	0.30	0.24
NIC Nanded		Upper Penganga	0.00	0.00	0.00
PIC Pune		Chaskaman	0.21	0.21	0.21
PIC Pune		Khadakwasla	0.24	0.24	0.24
PIC Pune		NLBC	1.00	1.00	1.00
PIC Pune		NRBC	1.00	1.00	1.00
PIC Pune		Pawana	0.00	0.00	0.00
UWPC Amravati		Upper Wardha	0.39	0.30	0.13
YIC Yavatmal		Arunavati	0.08	0.00	0.00
CADA Nagpur	Surplus	Bagh	0.99	0.99	0.99
CADA Nagpur		Itiahdoh	0.97	0.97	0.97
CADA Nagpur		Pench	0.80	0.97	0.61
CADA Pune	Abundant	Krishna	0.38	0.37	0.28
CIPC Chandrapur		Asola Mendha	0.00	0.00	0.00
CIPC Chandrapur		Dina	0.00	0.00	0.00
SIC Sangli		Dudhganga	1.00	1.00	1.00
SIC Sangli		Radhanagari	0.00	0.00	0.00
SIC Sangli		Tulashi	0.64	0.64	0.64
SIC Sangli		Warna	0.07	0.14	0.04
TIC Thane		Bhatsa	0.61	0.27	0.18
TIC Thane		Kal	0.28	0.51	0.41
TIC Thane		Surya	0.22	0.24	0.17



Plan-group	Circle	2009-10		
		Head	Middle	Tail
Highly Deficit	CADA Solapur	0.55	0.49	0.36
Deficit	AIC Akola	0.10	0.06	0.11
	BIPC Buldhana	0.21	0.00	0.00
	CADA Abad	0.56	0.10	0.11
	CADA Beed	0.10	0.09	0.09
	CADA Jalgaon	0.10	0.07	0.07
	CADA Nashik	0.08	0.08	0.08
	NIC Nanded	0.11	0.08	0.06
Normal	AIC Abad	0.02	0.04	0.01
	AIC Akola	0.36	0.00	0.00
	CADA Jalgaon	0.10	0.10	0.05
	CADA Nagpur	0.23	0.39	0.17
	CADA Nashik	0.38	0.43	0.44
	CADA Pune	0.38	0.36	0.33
	CIPC Chandrapur	0.19	0.30	0.24
	NIC Nanded	0.00	0.00	0.00
	PIC Pune	0.82	0.81	0.75
	UWPC Amravati	0.39	0.30	0.13
	YIC Yavatmal	0.08	0.00	0.00
Surplus	CADA Nagpur	0.85	0.97	0.72
Abundant	CADA Pune	0.38	0.37	0.28
	CIPC Chandrapur	0.00	0.00	0.00
	SIC Sangli	0.31	0.43	0.58
	TIC Thane	0.31	0.30	0.22

Indicator XII (A): Assessment Recovery Ratio (Irrigation)

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) project, the ratio is 0.80. It improved by 28% over last year, but still it is below the State norm.

Deficit plan group

NIC Nanded: In Manar & Purna project, the ratio decreased from 0.04 to 0 and from 0.17 to 0.12 respectively, whereas in Vishnupuri, it has increased from 0.18 to 0.98.

CADA Aurangabad: In Jayakwadi project (PLBC), the ratio is as low as 0.10 like last year.

CADA Beed: In Majalgaon project, the ratio is nil as there was no irrigation. It was 0.69 last year. In Manjra project, the ratio increased from 0.10 to 0.14 over last year, in Lower Terna, the ratio increased from 0.65 to 0.93 as compared to last year. In Jayakwadi project (PRBC), the ratio decreased from 0.18 to 0.05, it is too low compared to State norm. Project authorities are required to give proper attention to recover 100% current assessment from the farmers & WUA.

CADA Jalgaon: In Girna project, the ratio lowered from 0.39 in 2008-09 to 0.13 in 2009-10, which is far below the State norm.

AIC Akola: In Katepurna project, as availability was only 16%, irrigation was not done, hence ratio is zero.

CADA Nashik: In Chankapur project, though the ratio improved from 0.64 (2008-09) to 0.76 (2009-10), still it is below State norm.

BIPC Buldhana: In Wan project, cent per cent recovery of water charges is done.

Normal plan group

YIC Yavatmal: In Arunawati project, recovery of current year's assessment is not done.

AIC Akola: In Pus Project, recovery is very poor.

CADA Jalgaon: In Hatnur project, though the ratio improved from 0.18 (2008-09) to 0.32 (2009-10), still it is far below State norm.

CADA Nashik: In all the projects except Bhandardara & Waghad, 23 to 77 % water charges have been recovered.

CIPC Chandrapur: In Bor project, assessment recovery ratio is 0.33 with an assessment of Rs.7.08 lakh. It seems that the assessment finalized in the irrigation year is taken as assessment value and ratio is calculated with current year recovery. The assessment may be of this year or previous years.

NIC Nanded: In Upper Penganga project, the ratio increased from 0.10 to 0.50, as there is very less area irrigated in view of lesser availability.

CADA Nagpur: In Lower Wunna project complex, assessment recovery ratio is 0.58 with an assessment of Rs.6.12 lakh. Assessment of 5890 Ha area becomes more than Rs.6.12 lac. It seems that the assessment finalized in the irrigation year is taken as assessment value and ratio is calculated with current year recovery. The assessment may be inclusive of previous years.

PIC Pune: In NLBC, the ratio decreased from 1.00 to 0.80. This is mainly due to increase in assessment from Rs. 365 lakh to Rs.611 lakh. The ratio decreased in spite of increase in recovery from Rs. 365 lakh to Rs. 489 lakh.

In NRBC, ratio is 0.55 this year as compared to 0.50 last year. The increase is due to more recovery of irrigation water charges. In Pawana project, 100% recovery is achieved like last year.

CADA Nashik: In all the projects except Bhandardara & Waghad, 23 to 77 % water charges are recovered.

CADA Pune: In Kukadi Project, the ratio increased from 0.95 last year to 0.99 this year. In Ghod Project, ratio increased from 0.51 to 0.69 this year. In Khadakwasla, the ratio decreased from 0.99 to 0.87. It is due to decrease in recovery from Rs. 218 lakh to Rs.195 lakh of irrigation water charges this year.

AIC Aurangabad: In Nandur Madhmeshwar express canal, the ratio increased from 0.40 to 1.00 as compared to last year.

UWPC Amravati: In Upper Wardha project, assessment recovery ratio appears to be 1.06, but the assessment done in current year may be of a certain season of this year or of some other year.

Surplus plan group

CADA Nagpur: Assessment recovery ratio is 0.69 for Pench project complex, Itiadoh project & Bagh project complex.

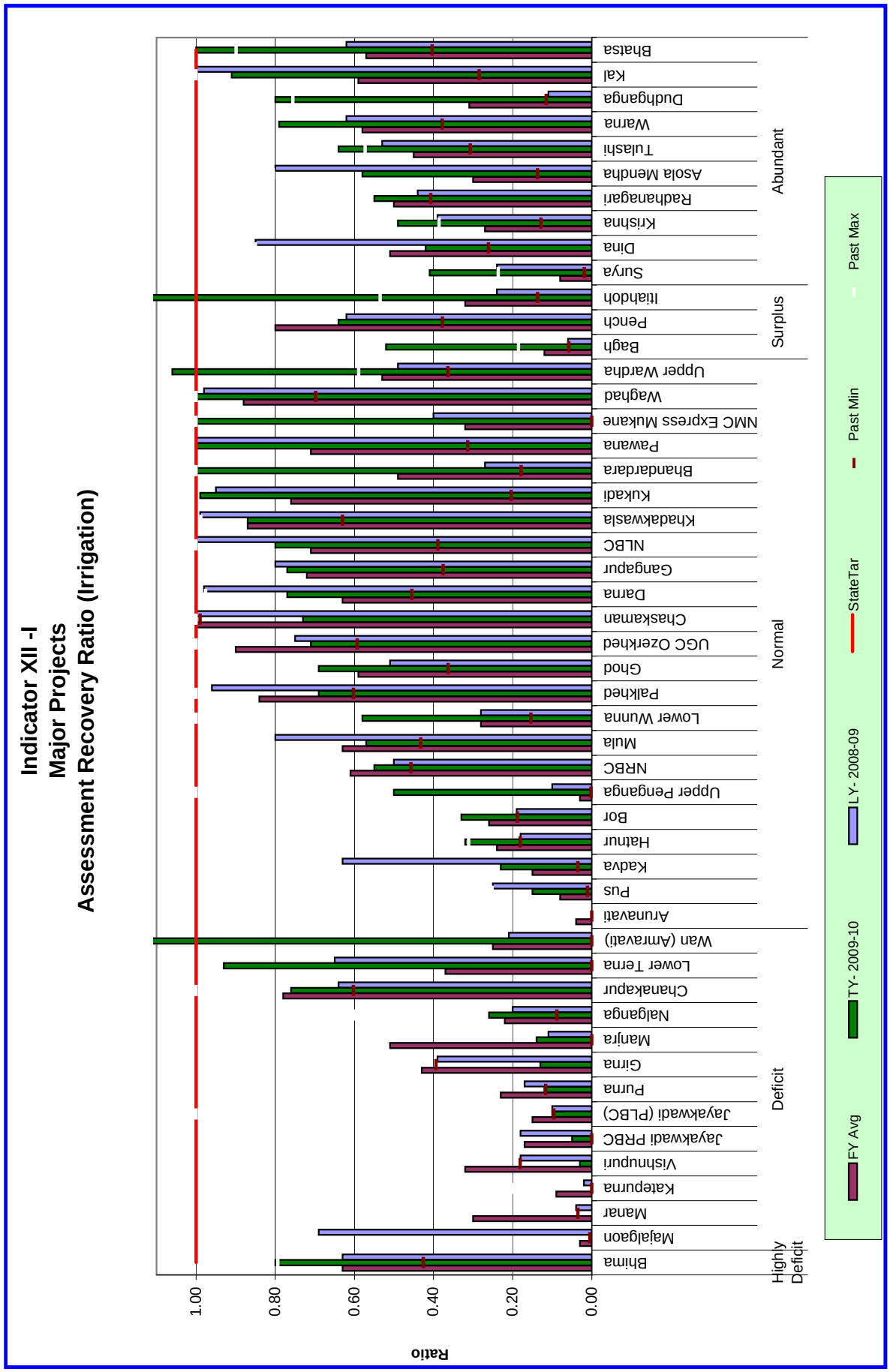
Abundant plan group

CADA Pune: In Krishna Project, the ratio increased to 0.49 as compared to 0.39 of last year. The increase is due to more recovery; however, the performance is below State target. Field officers are required to take more efforts to enhance the performance.

CIPC Chandrapur: For Asolamendha and Dina projects, the ratio decreased from 0.83 of last year to 0.49.

SIC Sangli: Assessment recovery ratio in the projects under this circle are as under; Radhanagari - 0.55, Tulshi - 0.64, Warna - 0.79 & Dhudhganga - 0.8.

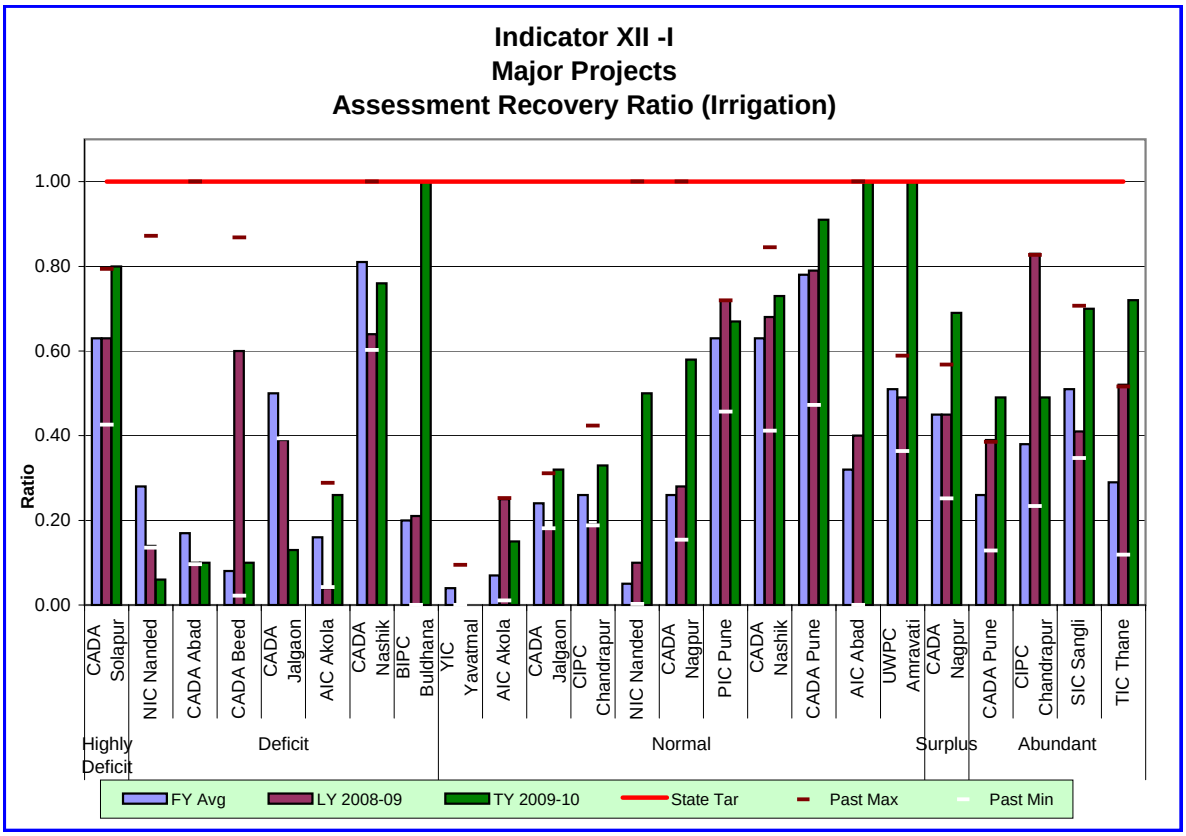
TIC Thane: The ratios in the projects under this circle are; Bhatsa - 1.00, Kal-Amba - 0.9 & Surya - 0.41.


Indicator XII -I
Major Projects
Assessment Recovery Ratio (Irrigation)
Ratio
1.00
0.80
0.60
0.40
0.20
0.00
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Majalgaon
Manar
Katepurna
Vishnupuri
Jayakwadi PRBC
Jayakwadi (PLBC)
Purna
Girna
Manjra
Nalganga
Chanakapur
Lower Terna
Wan (Amravati)
Arunavati
Pus
Kadva
Hatnur
Bor
Upper Penganga
NRBC
Mula
Lower Wunna
Palkhed
Ghod
UGC Ozerkhed
Chaskaman
Darna
Gangapur
NLBC
Khadakwasla
Kukadi
Bhandardara
Pawana
NMC Express Mulkane
Waghad
Upper Wardha
Bagh
Pench
Itiahdoh
Surya
Dina
Krishna
Radhanagari
Asola Mendha
Tilashi
Warna
Dudhganga
Kal
Bhatsa
FY Avg
TY- 2009-10
LY- 2008-09
StateTar
Past Min
Past Max

Indicator XII-I
Major Projects
Assessment Recovery Ratio (Irrigation)

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Defici	Bhima	0.63	0.63	0.80	0.79	0.43	0.80	1
CADA Beed	Deficit	Majalgaon	0.03	0.69	0.00	0.87	0.00	0.37	1
NIC Nanded		Manar	0.30	0.04	0.00	0.77	0.04		1
AIC Akola		Katepurna	0.09	0.02	0.00	0.20	0.00		1
NIC Nanded		Vishnupuri	0.32	0.18	0.03	1.83	0.18		1
CADA Beed		Jayakwadi PRBC	0.17	0.18	0.05	0.45	0.00		1
CADA Abad		Jayakwadi (PLBC)	0.15	0.10	0.10	1.00	0.10		1
NIC Nanded		Purna	0.23	0.17	0.12	0.99	0.12		1
CADA Jalgaon		Girna	0.43	0.39	0.13	3.61	0.39		1
CADA Beed		Manjra	0.51	0.11	0.14	2.00	0.00		1
AIC Akola		Nalganga	0.22	0.20	0.26	0.60	0.09		1
CADA Nashik		Chanakapur	0.78	0.64	0.76	1.00	0.60		1
CADA Beed		Lower Terna	0.37	0.65	0.93	2.55	0.00		1
BIPC Buldhana		Wan (Amravati)	0.25	0.21	1.13	1.36	0.00		1
YIC Yavatmal	Normal	Arunavati	0.04	0.00	0.00	0.09	0.00	0.70	1
AIC Akola		Pus	0.08	0.25	0.15	0.25	0.01		1
CADA Nashik		Kadva	0.15	0.63	0.23	0.92	0.04		1
CADA Jalgaon		Hatnur	0.24	0.18	0.32	0.31	0.18		1
CIPC Chandrapur		Bor	0.26	0.19	0.33	0.42	0.19		1
NIC Nanded		Upper Penganga	0.03	0.10	0.50	1.00	0.00		1
PIC Pune		NRBC	0.61	0.50	0.55	0.72	0.46		1
CADA Nashik		Mula	0.63	0.80	0.57	0.96	0.43		1
CADA Nagpur		Lower Wunna	0.28	0.28	0.58	1.00	0.15		1
CADA Nashik		Palkhed	0.84	0.96	0.69	1.00	0.60		1
CADA Pune		Ghod	0.59	0.51	0.69	2.79	0.36		1
CADA Nashik		UGC Ozerkhed	0.90	0.75	0.71	1.00	0.59		1
PIC Pune		Chaskaman	1.00	1.00	0.73	1.00	0.99		1
CADA Nashik		Darna	0.63	0.98	0.77	0.98	0.45		1
CADA Nashik		Gangapur	0.72	0.80	0.77	0.98	0.38		1
PIC Pune		NLBC	0.71	1.00	0.80	1.00	0.39		1
PIC Pune		Khadakwasla	0.87	0.99	0.87	0.99	0.63		1
CADA Pune		Kukadi	0.76	0.95	0.99	1.41	0.20		1
CADA Nashik		Bhandardara	0.49	0.27	1.00	1.00	0.18		1
PIC Pune		Pawana	0.71	1.00	1.00	1.13	0.31		1
AIC Abad		NMC Express Mukane	0.32	0.40	1.00	1.00	0.00		1
CADA Nashik		Waghad	0.88	0.98	1.00	1.00	0.70		1
UWPC Amravati		Upper Wardha	0.53	0.49	1.06	0.59	0.36		1
CADA Nagpur	Surplus	Bagh	0.12	0.06	0.52	0.18	0.06	0.78	1
CADA Nagpur		Pench	0.80	0.62	0.64	0.88	0.38		1
CADA Nagpur		Itiahdoh	0.32	0.24	1.18	0.53	0.14		1
TIC Thane	Abundant	Surya	0.08	0.24	0.41	0.24	0.02	0.66	1
CIPC Chandrapur		Dina	0.51	0.85	0.42	0.85	0.26		1
CADA Pune		Krishna	0.27	0.39	0.49	0.39	0.13		1
SIC Sangli		Radhanagari	0.50	0.44	0.55	0.68	0.41		1
CIPC Chandrapur		Asola Mendha	0.30	0.80	0.58	0.80	0.14		1
SIC Sangli		Tulashi	0.45	0.53	0.64	0.57	0.31		1
SIC Sangli		Warna	0.58	0.62	0.79	0.88	0.38		1
SIC Sangli		Dudhganga	0.31	0.11	0.80	0.76	0.11		1
TIC Thane		Kal	0.59	1.00	0.91	1.00	0.28		1
TIC Thane		Bhatsa	0.57	0.62	1	0.90	0.40		1

Note:- Zero is excluded & Figures exeeeding one are considered as one only for calcuting average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	0.63	0.63	0.80	0.79	0.43	0.80	1
Deficit	NIC Nanded	0.28	0.14	0.06	0.87	0.14	0.34	1
	CADA Abad	0.17	0.10	0.10	1.00	0.10		
	CADA Beed	0.08	0.60	0.10	0.87	0.02		
	CADA Jalgaon	0.50	0.39	0.13	3.61	0.39		
	AIC Akola	0.16	0.04	0.26	0.29	0.04		
	CADA Nashik	0.81	0.64	0.76	1.00	0.60		
	BIPC Buldhana	0.20	0.21	1.00	1.36	0.00		
Normal	YIC Yavatmal	0.04	0.00	0.00	0.09	0.00	0.62	1
	AIC Akola	0.07	0.25	0.15	0.25	0.01		
	CADA Jalgaon	0.24	0.18	0.32	0.31	0.18		
	CIPC Chandrapur	0.26	0.19	0.33	0.42	0.19		
	NIC Nanded	0.05	0.10	0.50	1.00	0.00		
	CADA Nagpur	0.26	0.28	0.58	1.00	0.15		
	PIC Pune	0.63	0.72	0.67	0.72	0.46		
	CADA Nashik	0.63	0.68	0.73	0.84	0.41		
	CADA Pune	0.78	0.79	0.91	1.22	0.47		
	AIC Abad	0.32	0.40	1.00	1.00	0.00		
	UWPC Amravati	0.51	0.49	1.00	0.59	0.36		
Surplus	CADA Nagpur	0.45	0.45	0.69	0.57	0.25	0.69	1
Abundant	CADA Pune	0.26	0.39	0.49	0.39	0.13	0.60	1
	CIPC Chandrapur	0.38	0.83	0.49	0.83	0.23		
	SIC Sangli	0.51	0.41	0.70	0.71	0.35		
	TIC Thane	0.29	0.52	0.72	0.52	0.12		

Note:-Figures in red are not considered for calculating average performance.

Indicator XII (B): Assessment Recovery Ratio (Non-Irrigation)

Highly Deficit plan group

CADA Solapur: In Bhima (Ujjani) project, the ratio is 0.85. It improved over last year.

Deficit plan group

CADA Beed: In Majalgaon project, the ratio slightly increased from 0.70 to 0.75 this year. In Manjra project, the ratio decreased from 0.36 to 0.24 as compared to last year. In Lower Terna, the ratio has retained 1.00 as per last year. In Jayakwadi Project (PRBC), the ratio slightly increased from 0.22 to 0.23 as compared to last year and is far below the State norm.

NIC Nanded: In Manar project, the ratio is retained as 1.0 this year also, whereas in Vishnupuri, slight increase in ratio from 0.96 to 0.98 is observed as compared to last year.

In Purna project, the ratio decreased from 0.29 to 0.17 as the recovery is 23 lakhs against assessment of Rs 138 lakh.

CADA Nashik: In Chankapur project, 100% water charges were recovered last year. However, the performance is lowered in 2009-10 as only 68% water charges have been recovered.

CADA Jalgaon: In Girna project, the ratio is lowered from 0.93 (2008-09) to 0.76 (2009-10).

BIPC Buldhana: In Wan project, there is 90% recovery of assessed water charges.

AIC Akola: In Nalganga project 90% recovery of assessed water charges is done.

In Katepurna project cent per cent recovery of assessed water charges is done.

CADA Aurangabad: In Jayakwadi Project (PLBC) 100 % recovery against assessed amount Rs. 6692 lakh. resulted in retaining the ratio 1.0 as per last two years ratio.

Normal plan group:

NIC Nanded: In Upper Penganga, the recovery is poor. An amount of only Rs.16.59 lakh is recovered against assessment of Rs. 531 lakh. This shows that the project authorities are not paying proper attention to recover the Government revenue.

AIC Akola: In Pus project, recovery is very poor.

YIC Yavatmal: In Arunawati project, 70% recovery is done.

CADA Jalgaon: In Hatnur project, 100% water charges were recovered last year. However, the performance is lowered in 2009-10 as only 75% water charges have been recovered.

UWPC Amrawati: In Upper Wardha project, 85% recovery is achieved.

CADA Nagpur: Assessment recovery ratio improved from 0.1 to 0.87 during this year.

CADA Nashik: In Bhandardara & Kadwa projects, the field authorities have achieved the State target. However, in Darna, Ozarkhed, Palkhed, Waghad, Gangapur & Mula Projects, about 60 to 94% water charges have been recovered.

PIC Pune: In Khadakwasla, 95% recovery is achieved this year. In NLBC & NRBC, the achievement is 100% to 95% respectively. In Pawana and Chaskaman projects, the ratio is 1.00.

CADA Pune: In Kukadi Project, the performance improved from 0.73 to 1.0. In Ghod the performance improved from 0.90 of last year to 0.97 this year due to less assessment.

AIC Aurangabad: In Nandur Madhmeshwar express canal, has retained its last year's value of 1.00.

CIPC Chandrapur: The 100% recovery has been achieved.

Surplus plan group

CADA Nagpur: The 96% recovery has been achieved as compared to last year's performance (91%).

Abundant plan group

CIPC Chandrapur: There is no non irrigation water supply under Asolemendha and Dina projects.

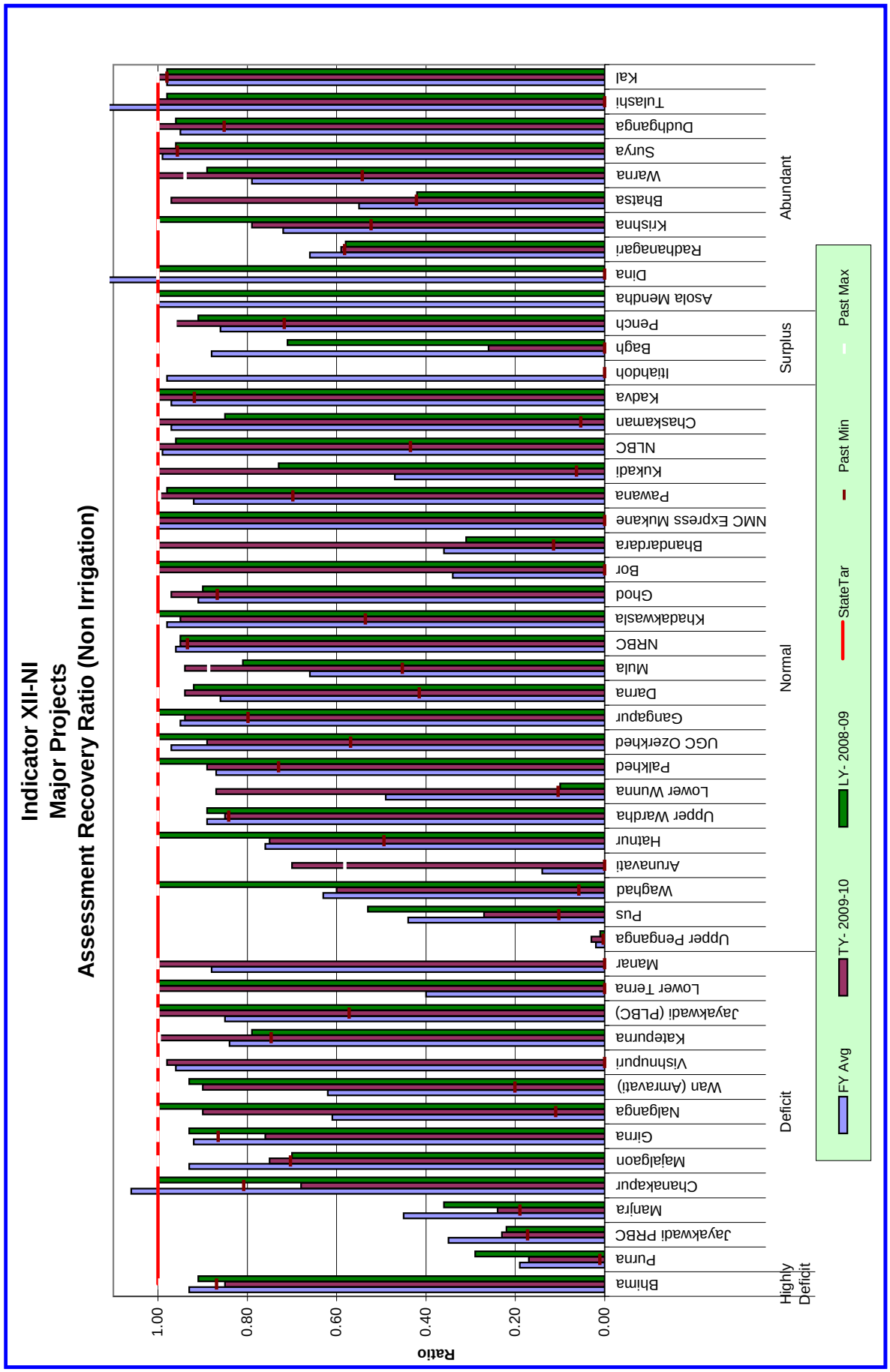
CADA Pune: In Krishna Project, the ratio decreased from 1.00 of last year to 0.79 this year due to increase in assessment.

SIC Sangli: The ratio in different projects under this circle is as under;

Radhanagri - 0.59, Tulsi - 1.00, Warna - 1.00 & Dudhganga - 1.18. Overall performance is marginally improved.

TIC Thane: Assessment recovery ratio values for non irrigation use in different projects under this circle are as under;

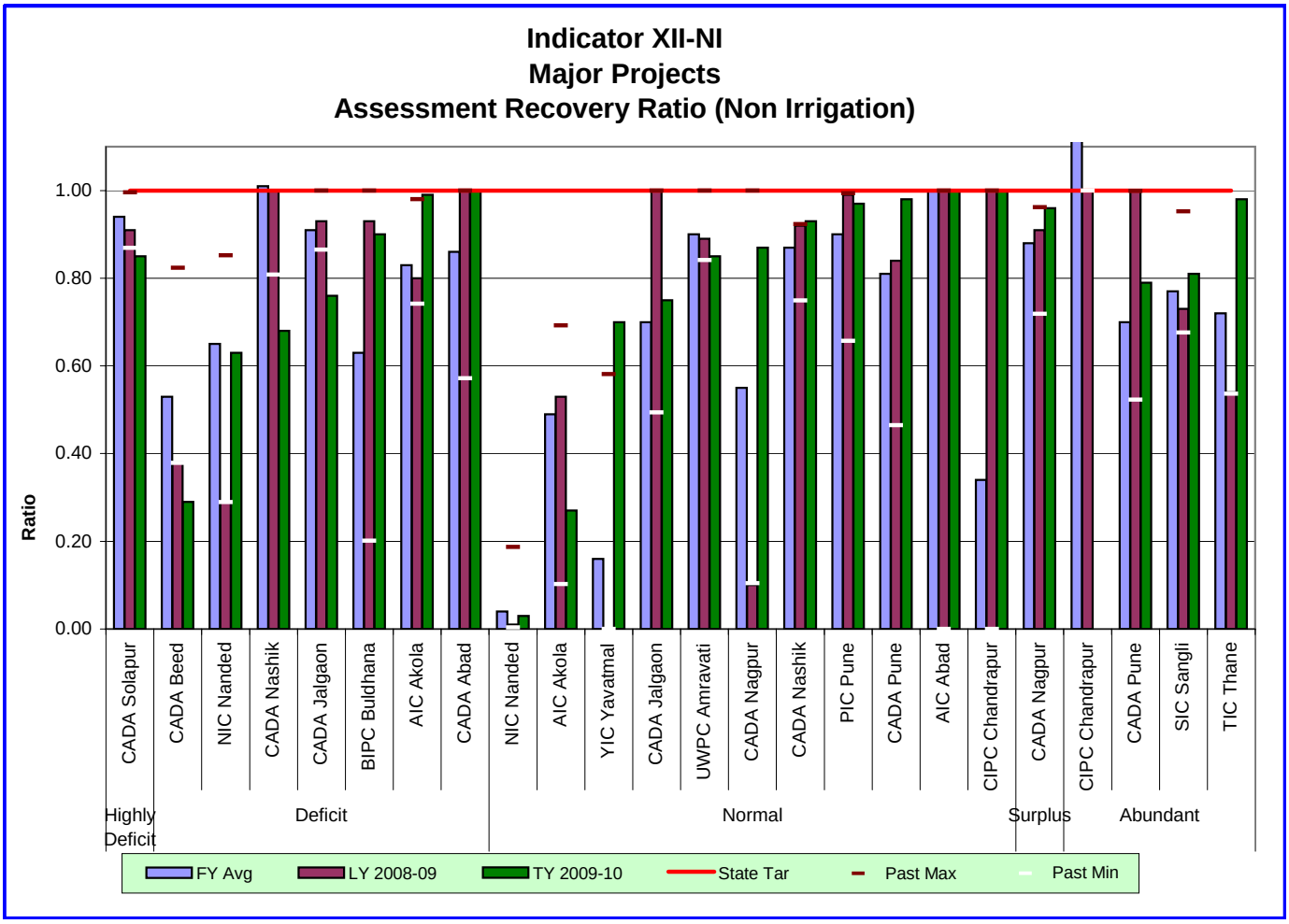
Bhatsa - 0.97, Kal-Amba - 1.02 & Surya - 1.0. Overall performance is very good.


Indicator XII-NI
Major Projects
Assessment Recovery Ratio (Non Irrigation)
Ratio
1.00
0.80
0.60
0.40
0.20
0.00
FY Avg
TY- 2009-10
LY- 2008-09
StateTar
Past Min
Past Max
Highly Deficit
Deficit
Normal
Surplus
Abundant
Bhima
Purna
Jayakwadi PRBC
Manjra
Chanakapur
Majalgaon
Girna
Nalganga
Wan (Amravati)
Vishnupuri
Katepurna
Jayakwadi (PLBC)
Lower Terna
Manar
Upper Penganga
Pus
Waghad
Arunavati
Hatnur
Upper Wardha
Lower Wunna
Palkhed
UGC Ozerkhed
Gangapur
Darna
Mula
NRBC
Khadakwasla
Ghod
Bor
Bhandardara
NMC Express Mulkane
Pawana
Kukadi
NLBC
Chaskaman
Kadva
Itiahdoh
Bagh
Pench
Asola Mendha
Dina
Radhanagari
Krishna
Bhatsa
Warna
Surya
Dudhganga
Tulashi
Kal

Indicator XII-NI
Major Projects
Assessment Recovery Ratio (Non-Irrigation)

Circle	Plan-group	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Solapur	Highly Deficit	Bhima	0.93	0.91	0.85	1.00	0.87	0.85	1
NIC Nanded	Deficit	Purna	0.19	0.29	0.17	0.66	0.01	0.77	1
CADA Beed		Jayakwadi PRBC	0.35	0.22	0.23	0.82	0.17		1
CADA Beed		Manjra	0.45	0.36	0.24	2.03	0.19		1
CADA Nashik		Chanakapur	1.06	1.00	0.68	1.39	0.81		1
CADA Beed		Majalgaon	0.93	0.70	0.75	1.00	0.70		1
CADA Jalgaon		Girna	0.92	0.93	0.76	1.00	0.87		1
AIC Akola		Nalganga	0.61	1.00	0.90	1.00	0.11		1
BIPC Buldhana		Wan (Amravati)	0.62	0.93	0.90	1.00	0.20		1
NIC Nanded		Vishnupuri	0.96	0.00	0.98	1.00	0.00		1
AIC Akola		Katepurna	0.84	0.79	1.00	1.00	0.75		1
CADA Abad		Jayakwadi (PLBC)	0.85	1.00	1.00	1.00	0.57		1
CADA Beed		Lower Terna	0.40	1.00	1.00	1.00	0.00		1
NIC Nanded		Manar	0.88	0.00	1.00	1.00	0.00		1
NIC Nanded	Normal	Upper Penganga	0.02	0.01	0.03	0.19	0.00	0.86	1
AIC Akola		Pus	0.44	0.53	0.27	0.69	0.10		1
CADA Nashik		Waghad	0.63	1.00	0.60	1.00	0.06		1
YIC Yavatmal		Arunavati	0.14	0.00	0.70	0.58	0.00		1
CADA Jalgaon		Hatnur	0.76	1.00	0.75	1.00	0.49		1
UWPC Amravati		Upper Wardha	0.89	0.89	0.85	1.00	0.84		1
CADA Nagpur		Lower Wunna	0.49	0.10	0.87	1.00	0.10		1
CADA Nashik		Palkhed	0.87	1.00	0.89	1.00	0.73		1
CADA Nashik		UGC Ozerkhed	0.97	1.00	0.89	1.00	0.57		1
CADA Nashik		Gangapur	0.95	1.00	0.94	1.00	0.80		1
CADA Nashik		Darna	0.86	0.92	0.94	1.00	0.42		1
CADA Nashik		Mula	0.66	0.81	0.94	0.89	0.45		1
PIC Pune		NRBC	0.96	0.95	0.95	1.32	0.93		1
PIC Pune		Khadakwasla	0.98	1.00	0.95	1.00	0.54		1
CADA Pune		Ghod	0.91	0.90	0.97	1.29	0.87		1
CIPC Chandrapur		Bor	0.34	1.00	1.00	1.00	0.00		1
CADA Nashik		Bhandardara	0.36	0.31	1.00	1.00	0.11		1
AIC Abad		NMC Express Mukane	1.00	1.00	1.00	1.00	0.00		1
PIC Pune		Pawana	0.92	0.98	1.00	1.00	0.70		1
CADA Pune		Kukadi	0.47	0.73	1.00	1.00	0.06		1
PIC Pune		NLBC	0.99	0.96	1.00	1.00	0.43		1
PIC Pune		Chaskaman	0.97	0.85	1.00	1.00	0.05		1
CADA Nashik		Kadva	0.97	1.00	1.00	1.00	0.92		1
CADA Nagpur	Surplus	Itiahdoh	0.98	0.00	0.00	1.00	0.00	0.61	1
CADA Nagpur		Bagh	0.88	0.71	0.26	1.00	0.00		1
CADA Nagpur		Pench	0.86	0.91	0.96	0.96	0.72		1
CIPC Chandrapur	Abundant	Asola Mendha	1.00	1.00	0.00	1.00	1.00	0.93	1
CIPC Chandrapur		Dina	2.09	1.00	0.00	1.00	0.00		1
SIC Sangli		Radhanagari	0.66	0.58	0.59	0.95	0.58		1
CADA Pune		Krishna	0.72	1.00	0.79	1.00	0.52		1
TIC Thane		Bhatsa	0.55	0.42	0.97	1.58	0.42		1
SIC Sangli		Warna	0.79	0.89	1.00	0.94	0.54		1
TIC Thane		Surya	0.99	0.96	1.00	1.02	0.96		1
SIC Sangli		Dudhganga	0.95	0.96	1.00	1.00	0.85		1
SIC Sangli		Tulashi	1.28	0.98	1.00	3.17	0.00		1
TIC Thane		Kal	0.98	0.98	1.00	1.00	0.98		1

Note:-Figures in red are not considered for calculating average performance.



Plan-group	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	0.94	0.91	0.85	1.00	0.87	0.85	1
Deficit	CADA Beed	0.53	0.38	0.29	0.82	0.38	0.75	1
	NIC Nanded	0.65	0.29	0.63	0.85	0.29		
	CADA Nashik	1.01	1.00	0.68	1.39	0.81		
	CADA Jalgaon	0.91	0.93	0.76	1.00	0.87		
	BIPC Buldhana	0.63	0.93	0.90	1.00	0.20		
	AIC Akola	0.83	0.80	0.99	0.98	0.74		
	CADA Abad	0.86	1.00	1.00	1.00	0.57		
Normal	NIC Nanded	0.04	0.01	0.03	0.19	0.00	0.76	1
	AIC Akola	0.49	0.53	0.27	0.69	0.10		
	YIC Yavatmal	0.16	0.00	0.70	0.58	0.00		
	CADA Jalgaon	0.70	1.00	0.75	1.00	0.49		
	UWPC Amravati	0.90	0.89	0.85	1.00	0.84		
	CADA Nagpur	0.55	0.10	0.87	1.00	0.10		
	CADA Nashik	0.87	0.92	0.93	0.92	0.75		
	PIC Pune	0.90	0.99	0.97	0.99	0.66		
	CADA Pune	0.81	0.84	0.98	1.22	0.46		
	AIC Abad	1.00	1.00	1.00	1.00	0.00		
	CIPC Chandrapur	0.34	1.00	1.00	1.00	0.00		
Surplus	CADA Nagpur	0.88	0.91	0.96	0.96	0.72	0.96	1
Abundant	CIPC Chandrapur	1.12	1.00	0.00	1.53	1.00	0.86	1
	CADA Pune	0.70	1.00	0.79	1.00	0.52		
	SIC Sangli	0.77	0.73	0.81	0.95	0.68		
	TIC Thane	0.72	0.54	0.98	1.18	0.54		
Note:-Figures in red are not considered for calculating average performance.								

Observations Medium Projects

Medium projects

Indicator I: Annual Irrigation Water Supply per unit Irrigated Area (cum/ha)

Highly deficit Plan group:

CADA Solapur: Average annual water supplied per unit irrigated area of Jawalgaon, Mangi, Hingni (P), Budhihal & Ekrukh medium projects in this circle is 6585 cum/Ha. It is more than last year's value. However, it is good compared to State target.

PIC Pune: Performance of all the seven projects is good.

CADA Beed: Average annual water supplied per unit irrigated area of projects under this circle has slightly increased from 8037 to 8093. cum/ha, this year. In Mehkari project the water used is maximum i.e.12189 cum/ha, whereas in Khandala project it is minimum i.e. 4760cum/ha, it was 1469 cum/ha. last year. Turori & Jakapur had no availability of water this year hence there was no irrigation.

Deficit Plan group:

NIC Nanded: The average performance of the projects under this circle has decreased from 7127 to 4432 cum/ha compared to last year. Except Kudala and kundrala, rest of the projects has no water use for irrigation due to low yield and NI reservation.

CADA Nashik: The water use is well within the state norm since last four years.

CADA Aurangabad: Average annual water supplied per unit irrigated area of projects under this circle has decreased from 6290 to 5187 cum/ha.

In Girija project the water use is maximum i.e. 8407 cum/ha being only reservoir lift and in Kalyan Girija the water use is minimum i.e. 1995 cum/Ha. This is due to area irrigated is maximum in Rabi season with two protective rotations.

BIPC Buldhana: Average water use per unit area is less than State norm and last year.

CADA Jalgaon: The water use per ha reduced from 7716 cum/ha (2008-09) to 7266 cum/ha (2009-10). However the field officers are required to improve the performance in case of Manyad (8112 cum/ha) and Hiwara (8261cum/ha) projects as the indicator values are exceeding the state norm..

CADA Beed: Average annual water supplied per unit irrigated area of projects under this plan group has slightly increased from 7089 to 8185 cum/ha this year. Belpara project has maximum utilization i.e. 17456cum/ha, as there is only 21ha area irrigated on canals in HW by utilizing 0.96 Mcum of water. Kundalika, Raigavan, Bindusara, Bodhegaon have 8000 to 9000 cum/ha. Most of the projects have no utilization of water for irrigation due to low availability and reservation for NI uses.

AIC Akola: Irrigation water use per unit irrigated area is nearly two times the State target and it increased over last year.

Normal Plan Group:

NIC Nanded: There was no live storage available in all the three projects this year, dead storage being reserved for NI use.

WIC Washim: Water use per unit area is less than half of the State norm.

PIC Pune: In all the three projects water use per unit irrigated area is less than the State target.

CADA Aurangabad: The average water use has increased from 5638 to 5935 cum/ha. The water use is well below the state target. Dheku project has maximum water utilization of 7192 cum/ha, in Narangi & Bor Dahegaon there is no irrigation water use because of any availability.

AIC Akola: Average water use per unit area is less than State norm and last year. **CADA Nashik:** The water use per ha is on higher side of the state norm since last three years. It is very much essential to use the water for irrigation more precisely specifically in Adhala (9210 cum/ha), Bhojapur (7942cum/ha) and Mandohol (14636cum/ha) projects to achieve the state target.

CADA Jalgaon: Though the water use per ha of irrigation is reduced from 11062 cum/ha (2008-09) to 9138cum/ha (2009-10) it is on higher side of the state norm. Specifically in Karwand (8415cum/ha), Panzra(8996cum/ha) & Suki(25830 cum/ha) projects, the water use per ha is 1.1 to 3.4 times more than the state norm. Necessary steps should be taken by the field officers to improve the performance.

CIPC Chandrapur: The water use per ha is 10618 cum; which is more than state target and past maximum value. Water use per ha of Panchdhara project complex is 17998 cum/Ha. Due to excessive water use in Panchdhara project complex average water use of the circle increased to 10618 cum/Ha.

AIC Aurangabad: In Shivana Takli the only project under this circle the annual irrigation water supply per unit irrigated area has reduced from 14004 (2008-09) to 12616 cum/ha, this year though it is very higher than state norm.

Surplus Plan Group:

CADA Nagpur: Water use in this circle increased as compared to last year. But it is less than state norm.

CIPC Chandrapur: Water use in this circle is within the state norm, further it is decreased as compared to last year's water use.

Abundant Plan Group:

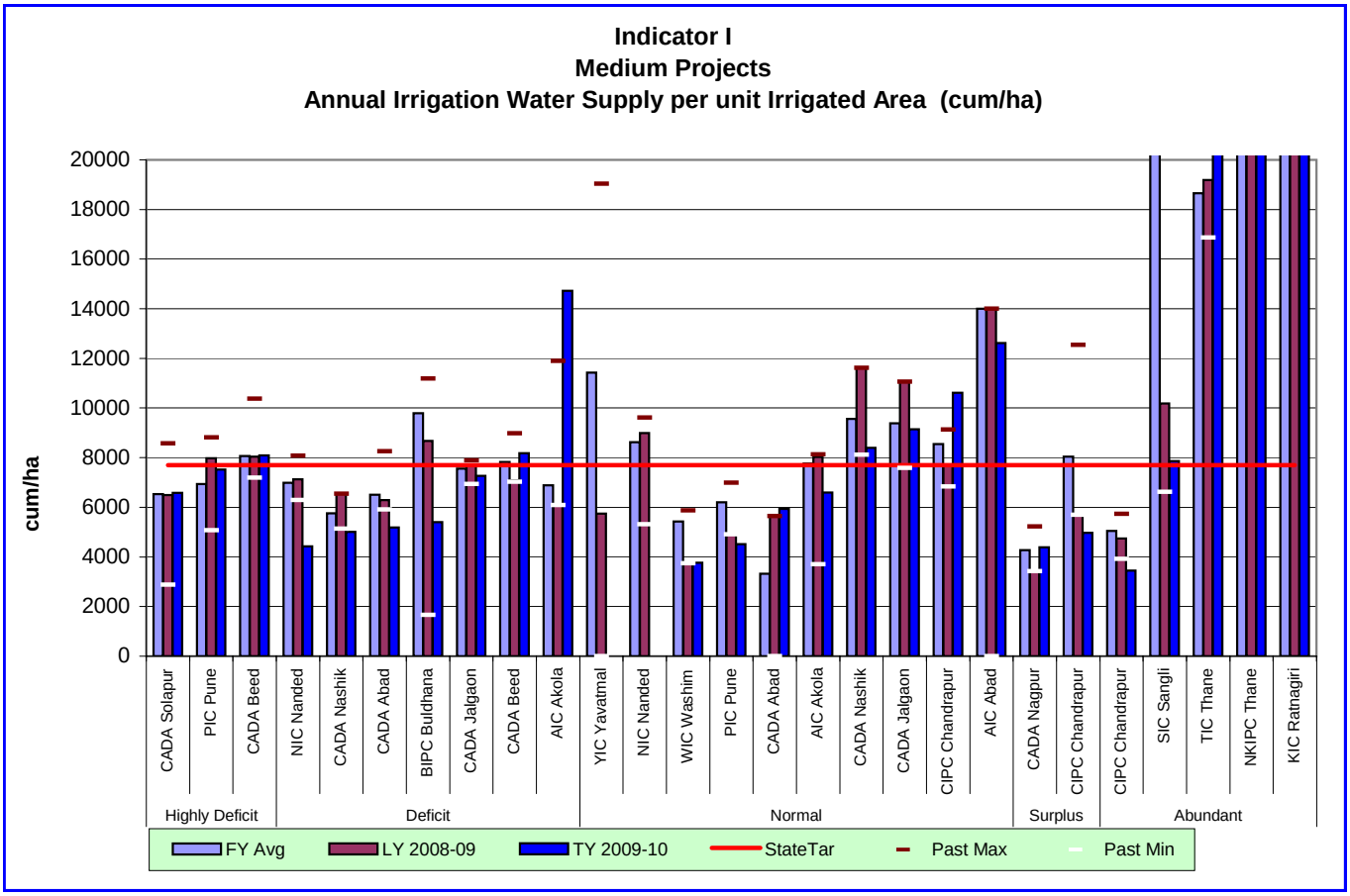
CIPC Chandrapur: Water use in this circle is 3451 cum/Ha. it is less than the state norm and previous year's water use. It is the minimum water use in last 6 years.

SIC Sangli: - The average ratios in Kadavi, Patgaon, Kumbhi, Kasari, Chikotra, Jangamhatti & Chitri projects is 7869 cum/Ha. It is improved over last year.

TIC Thane: The water use in Rajanalla Complex & Wandri combined is 21876cum/Ha. In Wandri project, water use is very high.

NKIPC Thane: In Hetwane project the annual water supply per unit area is 68136 cum/Ha. It is far more than State target. The field officers are required to take preventive measures.

KIC Ratnagiri: In Natuwadi project annual water supply per unit area alarmingly increased to 207588 cum/Ha. It is due to heavy leakages through the canal system. The field officers are required to take preventive measures to stop leakages through canal system.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	6533	6499	6585	8577	2884	7401	7692
	PIC Pune	6935	7974	7525	8810	5075		
	CADA Beed	8069	8037	8093	10374	7194		
Deficit	NIC Nanded	6983	7127	4432	8080	6285	7171	7692
	CADA Nashik	5762	6538	5007	6538	5137		
	CADA Abad	6505	6290	5187	8258	5909		
	BIPC Buldhana	9786	8677	5399	11181	1667		
	CADA Jalgaon	7555	7716	7266	7887	6935		
	CADA Beed	7820	7089	8185	8984	7030		
	AIC Akola	6885	6092	14719	11901	6092		
Normal	YIC Yavatmal	11429	5739	0	19042	0	7698	7692
	NIC Nanded	8628	8989	0	9614	5313		
	WIC Washim	5434	3745	3765	5878	3745		
	PIC Pune	6200	4907	4519	6989	4907		
	CADA Abad	3317	5638	5935	5638	0		
	AIC Akola	7763	8032	6590	8128	3698		
	CADA Nashik	9566	11621	8401	11621	8117		
	CADA Jalgaon	9390	11062	9138	11062	7587		
	CIPC Chandrapur	8553	7673	10618	9131	6833		
	AIC Abad	14004	14004	12616	14004	0	4679	7692
Surplus	CADA Nagpur	4270	3425	4389	5223	3425		
	CIPC Chandrapur	8044	5690	4968	12538	5690		
Abundant	CIPC Chandrapur	5048	4744	3451	5731	3915	11065	7692
	SIC Sangli	26722	10190	7868	97537	6620		
	TIC Thane	18657	19192	21876	21513	16871		
	NKIPC Thane	35283	35817	68136	48411	28707		
	KIC Ratnagiri	160913	304659	207588	304659	21429		

Note: Figures in red are not considered for calculating average performance.

Indicator I
Medium Projects
Annual Irrigation Water Supply per unit Irrigated Area (cum/ha)

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Beed	Highly Deficit	Jakapur	6996	0	0	8045	0	7613	7692
CADA Beed		Turori	5783	8000	0	11479	4500		7692
CADA Beed		Khandala	3866	1469	4760	11909	1469		7692
PIC Pune		Khairy	5728	7420	5035	7420	1779		7692
PIC Pune		Ranand	6641	5550	5394	9189	5340		7692
CADA Beed		Kada	9489	9558	5432	11000	6697		7692
CADA Solapur		Mangi	6972	7164	6133	7164	2864		7692
CADA Beed		Khandeshwar	5942	6372	6306	6372	5158		7692
CADA Beed		Banganga	7331	8881	6403	8881	2386		7692
CADA Solapur		Hingani (Pangaon)	7587	7646	6441	9787	7011		7692
PIC Pune		Andhali	8883	0	6478	16364	0		7692
CADA Beed		Khasapur	5268	5801	6508	14385	3886		7692
CADA Beed		Chandani	6633	11557	6613	11557	765		7692
CADA Solapur		Ekrukh	6522	6590	6627	6957	2095		7692
CADA Beed		Harni	9387	7389	6812	14977	7003		7692
CADA Beed		Ramganga	6381	3159	6860	7647	3159		7692
CADA Solapur		Jawalgaon	7792	7129	6876	10558	2863		7692
PIC Pune		Tisangi	8078	9626	6911	9626	6941		7692
CADA Beed		Sakat	5410	3057	7193	6835	3057		7692
PIC Pune		Nher	6567	0	7316	6999	0		7692
CADA Beed		Rooty	16520	6914	7463	28737	0		7692
PIC Pune		Mhaswad	5063	5642	7668	6762	2384		7692
PIC Pune		Sina	11049	10698	8923	12468	8308		7692
CADA Beed		Talwar	8749	9293	8953	14286	6316		7692
CADA Solapur		Budhihal	2315	2003	9354	3078	900		7692
CADA Beed		Kadi	12146	12996	10108	15362	0		7692
CADA Beed		Kurnoor	11704	11122	11016	18621	10396		7692
CADA Beed		Benitura	11745	11098	11687	15278	10429		7692
CADA Beed		Kambli	9520	8125	11698	11739	0		7692
CADA Beed		Mehakari	11963	10321	12189	13835	0		7692
CADA Beed	Deficit	Gharni	8336	7727	0	10478	7217	6566	7692
CADA Beed		Terna	6966	6662	0	8328	1161		7692
CADA Beed		Tiru	6502	5397	0	7707	5397		7692
CADA Abad		Dhamna	5511	3288	0	6363	0		7692
CADA Beed		Whati	8992	6371	0	11980	2595		7692
CADA Abad		Masoli	10105	9322	0	12885	6822		7692
AIC Akola		Dnyanganga	6389	6288	0	7072	0		7692
CADA Jalgaon		Tondapur	2567	0	0	3097	0		7692
CADA Beed		Devarjan	7917	5105	0	11930	5105		7692
NIC Nanded		Mahalingi	5458	6727	0	6727	0		7692
CADA Beed		Masalga	6518	5250	0	7877	0		7692
CADA Beed		Tawarja	8288	13160	0	13160	3382		7692
CADA Abad		Jivrekha	6121	7330	0	7330	4952		7692
CADA Beed		Sakol	5512	5003	0	7168	4766		7692
AIC Akola		Uma	6037	0	0	8875	0		7692
CADA Beed		Rui	5259	2592	0	7663	2024		7692
NIC Nanded		Karadkhed	7953	7928	0	9034	4664		7692
NIC Nanded		Pethwadaj	9522	6283	0	11250	6283		7692
CADA Abad		Pir Kalyan	4970	4979	0	6692	0		7692
BIPC Buldhana		Mun	10025	8555	1636	10995	645		7692
CADA Abad		Kalyan Girja	8065	10017	1965	10017	4872		7692
CADA Abad		Ajantha Andhari	5880	2367	2075	13158	0		7692
NIC Nanded		Kundrala	6029	5017	2128	7379	4447		7692
AIC Akola		Mas	6195	4681	2511	6904	0		7692
CADA Abad		Sukhna	6067	7396	2689	12778	4249		7692
CADA Abad		Lahuki	4890	2601	3103	7278	0		7692
CADA Jalgaon		Kanoli	8457	6863	3316	13205	5304		7692
BIPC Buldhana		Torna	10244	9080	3674	28140	1481		7692

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Abad		Gadadgad	5387	4202	3838	8125	4144		7692
CADA Abad		Khelna	4846	0	4363	9592	0		7692
CADA Nashik		Kelzar	4311	5651	4454	5651	3129		7692
CADA Nashik		Haranbari	5987	6186	4654	7004	5264		7692
CADA Abad		Anjana Palashi	2546	5742	5328	8833	1573		7692
CADA Beed		Sindphana	5887	4435	5607	8359	4350		7692
CADA Jalgaon		Agnawati	8015	8582	6183	8582	0		7692
CADA Jalgaon		Bhokarbari	11158	10667	6230	11735	3889		7692
AIC Akola		Paldhag	6372	7850	6441	7850	0		7692
CADA Abad		Karpara	8532	3218	6508	11856	3218		7692
CADA Nashik		Nagyasakya	6939	8418	6538	9200	5513		7692
CADA Jalgaon		Bori	8977	9074	6599	10000	6081		7692
CADA Beed		Mahasangvi	8397	7127	6780	9766	7127		7692
CADA Beed		Borna	9899	12672	6834	12672	6646		7692
CADA Abad		Purna Nevpur	2382	3903	6955	3903	1398		7692
NIC Nanded		Kudala	6180	7795	7027	7795	4584		7692
CADA Jalgaon		Burai	5938	5308	7400	7606	5242		7692
CADA Abad		Jui	5466	0	7667	6248	0		7692
CADA Beed		(Dokewadi)	7997	5707	7762	16194	5517		7692
CADA Jalgaon		Rangawali	6013	5790	7858	7652	4907		7692
CADA Jalgaon		Manyad	9175	10183	8112	10183	7714		7692
CADA Abad		Galhati	14225	14428	8122	19632	8899		7692
CADA Jalgaon		Hiwara	7347	7812	8261	7812	5573		7692
CADA Abad		Girja	6353	6833	8407	9485	5059		7692
CADA Beed		Bindusara	9553	10648	8480	13987	0		7692
CADA Beed		Bodhegaon	10145	6140	8592	14400	0		7692
AIC Akola		Morna (Akola)	7820	4545	8642	11392	0		7692
CADA Beed		Wan (Beed)	10000	12342	8835	12342	6680		7692
CADA Beed		Raigavan	6668	7208	9075	9058	291		7692
CADA Beed		Kundlika	9558	6921	9089	12636	6921		7692
CADA Beed		Saraswati	8033	7750	9286	11885	0		7692
CADA Beed		Renapur	9530	9507	10507	41299	7557		7692
AIC Akola		Nirguna	7423	6916	11356	13190	0		7692
CADA Beed		Belpara	18092	7565	17456	28655	7565		7692
AIC Akola		Shahanoor	6659	6008	25631	13025	5540		7692
CADA Abad	Normal	Narangi	3627	2474	0	4038	2474	7171	7692
AIC Akola		Saikheda	9947	10690	0	14274	0		7692
CADA Abad		Bor Dahegaon	2575	12304	0	12304	1429		7692
NIC Nanded		Nagzari	9211	10402	0	10402	3175		7692
NIC Nanded		Dongargaon (Nanded)	8781	7367	0	10179	0		7692
YIC Yavatmal		Adan	12075	4121	0	23218	0		7692
NIC Nanded		Loni	9519	10005	0	11247	7165		7692
CIPC Chandrapur		Amal Nala	6460	5645	0	7826	0		7692
YIC Yavatmal		Navargaon	7722	8030	0	8977	0		7692
AIC Akola		Koradi	4291	4388	1000	4507	3698		7692
AIC Akola		Borgaon	5634	2253	1558	7692	0		7692
CIPC Chandrapur		Chandai	5498	4154	3158	7724	4154		7692
WIC Washim		Ekburji	5848	3745	3673	6570	0		7692
PIC Pune		Vadiwale	6199	4856	3680	8707	4856		7692
CADA Abad		Kolhi	8155	10946	4089	10946	0		7692
CADA Nashik		Ghatshil Pargaon	6093	5885	4806	7620	0		7692
PIC Pune		Kasarsai	5977	4669	4849	7183	4669		7692

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Abad		Tembhapuri	1923	6904	5449	6904	1475		7692
CADA Jalgaon		Abhora	8636	9285	6047	10582	5875		7692
CADA Abad		Ambadi	5317	5361	6058	6235	0		7692
PIC Pune		Nazare	6182	5538	6611	7076	4308		7692
CADA Jalgaon		Aner	12114	15010	6622	15010	9050		7692
AIC Akola		Lowerpus	9146	7504	6667	11589	0		7692
CADA Abad		Dheku	3825	3958	7192	4528	0		7692
WIC Washim		Sonal	5243	0	7300	5818	0		7692
CADA Nashik		Alandi	9502	9674	7797	10418	8295		7692
CADA Jalgaon		Malangaon	6854	7988	7805	8023	5962		7692
CADA Nashik		Bhojapur	9606	16958	7942	16958	7973		7692
CIPC Chandrapur		Dongargaon (Chandrapur)	13755	10827	8282	17512	2037		7692
CADA Jalgaon		Karwand	5508	4728	8415	6865	4728		7692
CADA Jalgaon		Panzra	6212	7331	8996	7331	5099		7692
CADA Nashik		Adhala	10116	13683	9210	13683	6161		7692
CIPC Chandrapur		Pothra	10787	9409	11174	11840	7445		7692
AIC Abad		Shivna Takali	14004	14004	12616	14004	0		7692
CADA Nashik		Mand Ohol	16535	13200	14636	23499	11462		7692
CIPC Chandrapur		Panchadhara	16544	15644	17998	19163	7020		7692
CADA Jalgaon		Suki	21252	37327	25830	37327	8790		7692
CADA Nagpur	Surplus	Khairbanda	1922	1674	1531	2680	1674	4746	7692
CADA Nagpur		Bagheda	2131	1464	1545	3674	1421		7692
CADA Nagpur		Chandpur	1895	1897	1723	7692	1406		7692
CADA Nagpur		Chorakhmara	2663	2596	2213	3333	2319		7692
CADA Nagpur		Sorna	3662	3674	2398	5387	3298		7692
CADA Nagpur		Sangrampur	2831	2480	2807	3765	2480		7692
CADA Nagpur		Bodalkasa	2998	2499	2910	3712	2499		7692
CADA Nagpur		Betekar Bothali	3736	2003	3080	4653	2003		7692
CADA Nagpur		Wunna	11098	4068	3433	14708	2459		7692
CIPC Chandrapur		Labhansarad	5945	4333	3540	7172	4333		7692
CADA Nagpur		Rengepar	3293	3832	3592	3832	2751		7692
CADA Nagpur		Managadh	4896	6491	3754	6491	3010		7692
CADA Nagpur		Chulband	4815	4324	4058	5214	2777		7692
CADA Nagpur		Makardhokada-Saiki Complex	8273	5986	4800	9066	5603		7692
CIPC Chandrapur		Chargaon	9484	6377	5419	17915	6377		7692
CADA Nagpur		Umri	8572	7901	6461	12435	3667		7692
CADA Nagpur		Kanholibara	8677	7780	6469	10251	7012		7692
CADA Nagpur		Pandhrabodi	5378	0	6620	5588	0		7692
CADA Nagpur		Mordham	10092	6733	6738	10664	3338		7692
CADA Nagpur		Chandrabhaga (Nagpur)	10284	11356	10532	11356	3265		7692
CADA Nagpur		Kolar	7961	6498	16041	10804	1951		7692
CADA Nagpur		Khekranala	27423	12569	28096	42338	4068		7692
CADA Nagpur		Kesarnala	9576	8068	33035	10491	1471		7692
CIPC Chandrapur	Abundant	Naleshwar	5282	4130	2019	7000	4130	7009	7692
CIPC Chandrapur		Ghorazari	5431	5046	4148	8255	3379		7692
SIC Sangli		Chitri	6469	0	5337	21952	3982		7692
SIC Sangli		Jangamhatti	5136	0	5834	10440	4719		7692
SIC Sangli		Chikotra	8408	6929	5934	706579	6230		7692
SIC Sangli		Kasari	8137	9208	6763	9208	3583		7692
SIC Sangli		Kadavi	8788	9408	9182	11165	7761		7692
SIC Sangli		Patgaon	11380	13201	9659	18285	9932		7692
TIC Thane		Rajanala	13455	13358	10267	17882	9559		7692
SIC Sangli		Kumbhi	153246	11605	10948	624577	7988		7692
TIC Thane		Wandri	33695	37897	37838	42839	25361		7692
NKIPC Thane		Hetwane	36918	35817	68136	48411	28707		7692
KIC Ratnagiri		Natuwadi	174844	304659	207588	304659	21429		7692

Note: Figures in red are not considered for calculating average performance.

Indicator I a: Annual Area irrigated per unit of water supply (ha/ cum).

Highly Deficit Plan Group:

CADA Beed: Annual Area irrigated per unit of water supply, under this circle has retained its last years value 124 ha/Mm^3.Khandala project has attained maximum ratio of 210 ha/Mm^3 & Tukapur has no irrigation for current year.

PIC Pune: Annual Area irrigated per unit of water supply was increased from 125 ha/Mm^3 to 133 ha/Mm^3 compared to last year. Khairy has attained maximum value for current year i.e. 149 ha/Mm^3.

CADA Solapur : Manjra project has attained maximum value of ratio i.e. 169 ha/Mm^3 under this circle The overall performance has slightly declined for current year. But it is still above state norm.

Deficit Plan Group:

AIC Akola: Mas project has attained maximum ratio under this circle with 398 ha/Mm^3 and Uma & Dnyaganga have no irrigation. The average performance declined over past year from 164 ha/Mm^3 to 68 ha/Mm^3

CADA Beed: Mhasanvi project has attained maximum ratio under this circle with 147 ha/Mm^3. Almost Eight project under this circle have no irrigation for current year. The Average performance of this circle has declined over past year. from 141 ha/Mm^3 to 122 ha/Mm^3.

CADA Jalgaon: Kanoli project has attained maximum ratio under this circle with 302 ha/Mm^3. Tondapur project is the only project having no irrigation. The average performance of this circle has improved from 130 ha/Mm^3 to 138 ha/Mm^3 for two current year.

BIPC Buldhana: Mun project has attained maximum ratio of 611 ha/Mm^3 while. Torna project has a ratio of 272 ha/Mm^3. The overall ratio of the project has improved from 115 ha/Mm^3 to 185 ha/Mm^3

CADA Aurangabad: Kalyan Girja project has attained the maximum ratio of 509 ha/Mm^3 under this circle. Almost 4 project have no irrigation for current year. The average performance of the circle has improved for current year. i.e. from 159 to 193 ha/Mm^3.

CADA Nashik: Kelzar project has attained maximum ratio under this circle with 225 ha/Mm^3 and Haranbari has attained ratio of 215 ha/Mm^3. The average performance of this circle is 200 ha/Mm^3 for current year. It has improved over last year.

NIC Nanded: Kundrala project has attained maximum ratio of 470 ha/Mm^3. Kudala project has ratio of 142 ha/Mm^3. The average ratio of this circle has improved over past years performance.

Normal Plan Group:

YIC Yavatmal: Adan project under this circle has no irrigation for the current year.

NIC Nanded: All the projects under this circle have no irrigation for the current year.

AIC Aurangabad: The average performance of this circle has improved from 71 ha/Mm^3 to 79 ha/Mm^3 for the current year.

CIPC Chandrapur: Chandai project has the maximum ratio under this circle with 642 ha/Mm^3 Amalnala has no irrigation for this year. The average performance under this circle has declined for current year.

CADA Jalgaon: Abhora project under this circle has maximum ratio for the current year with 165 ha/Mm^3. Panzra has the least ratio with 111 ha/Mm^3. The overall performance of the circle has increased over last year.

CADA Nashik: Ghatshilpargaon project under this circle has attained maximum ratio of 208 ha/Mm^3, for the current year. Mand Ohal project has the least ratio with 68 ha/Mm^3 for the current year. The overall performance of this circle has increased from 36 to 119 ha/Mm^3.

AIC Akola: Koradi project has attained maximum value of ratio for this circle with 1000 ha/Mm^3. Saikheda project has no irrigation for current year. The overall Performance of this circle has improved from 125 ha/Mm^3 to 152 ha/Mm^3.

CADA Aurangabad: Kolhi project has attained maximum ratio under this circle with 245 ha/Mm^3. Bor Dahegaon project has no irrigation for current year. The average performance of this circle has slightly declined from 177 ha/Mm^3 to 168 ha/Mm^3.

PIC Pune: Vadiwale project under this circle has attained maximum ratio of 272 ha/Mm^3. The average performance of this circle has improved over past year.

WIC Washim: Ekburji project under this circle has attained maximum ratio of 272 ha/Mm^3 & it is the only project under this plan group for the circle.

Surplus plan group :

CIPC Chandrapur: Labansarad project has attained maximum ratio of 282 ha/Mm^3 for current year and chargaon project has attained 185 ha/Mm^3. The average performance of this circle has declined over last year.

CADA Nagpur: Khairbanda project has attained maximum ratio of 653 ha/Mm^3 for the current year. Kesarnala has the least ratio of 30 ha/Mm^3. The average performance of this circle has declined over last year though it is above the state norm.

Abundant plan group:

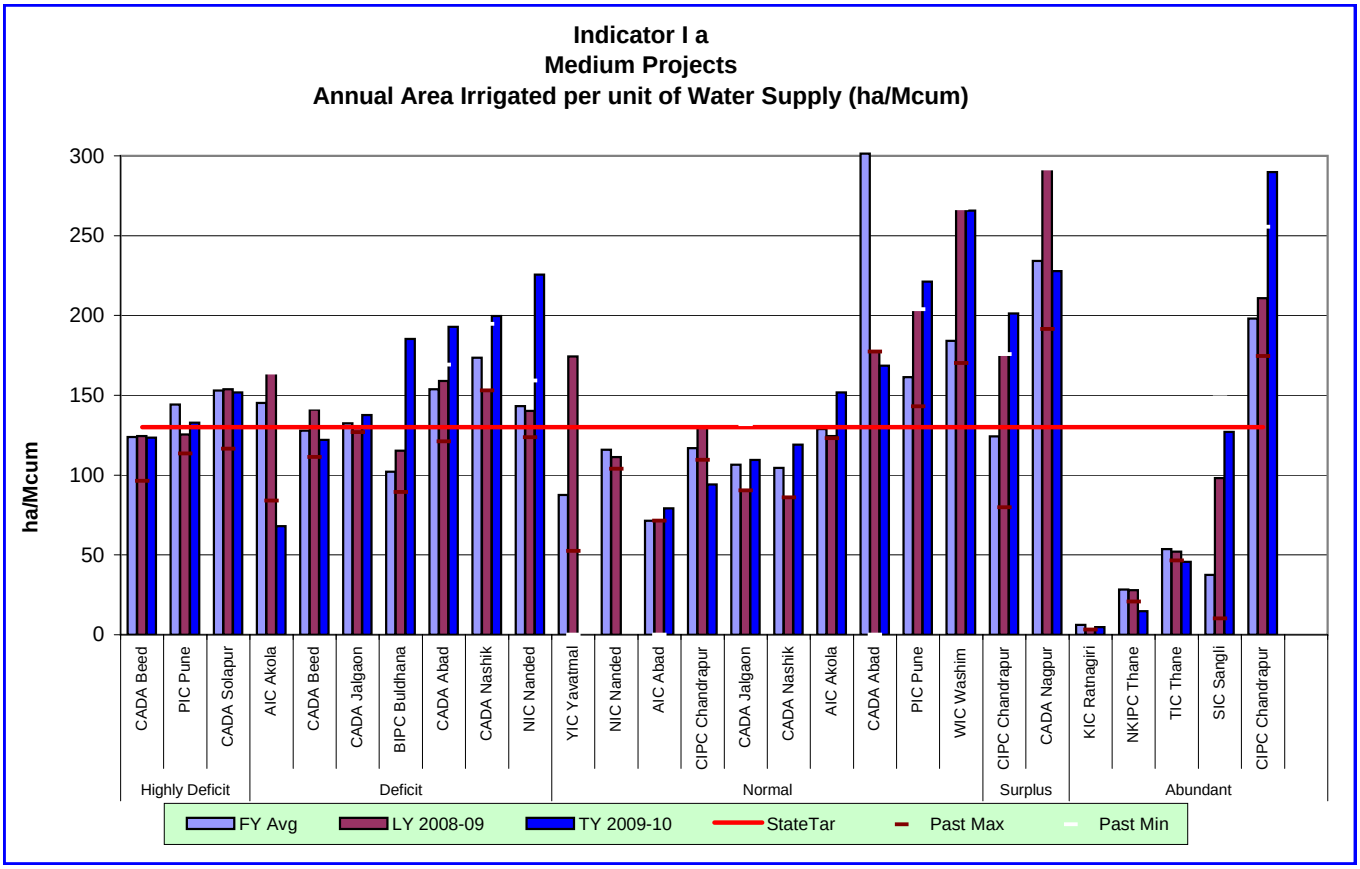
KIC Ratnagiri: Natuwadi project has attained very low ratio of 5 ha/Mm^3 though it has improved over last years 3 ha/Mm^3.

NKIPC Thane: Hetwane project attained a ratio of 95 ha/Mm^3 for the current year.

TIC Thane: Rajanala complex has ratio of 97 ha/Mm^3 and Wandri project has 26 ha/Mm^3. The overall performance of this circle has declined over last year.

SIC Sangli: Chitri project has attained maximum ratio of 187 ha/Mm^3 for the current year under this circle. Kumbi poject has the least value of 91 ha/Mm^3. The overall performance of this circle has increased for current year.

CIPC Chandrapur: Naleshwar project under this circle has attained maximum ratio of 495 ha/Mm^3 and Ghorazari project has ratio 0 to 241 ha/Mm^3 for the current year. The overall performance of the circle has improved for current year.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Beed	124	124	124	96	139	124	130
	PIC Pune	144	125	133	114	197		130
	CADA Solapur	153	154	152	117	347		130
Deficit	AIC Akola	145	164	68	84	164	95	130
	CADA Beed	128	141	122	111	142		130
	CADA Jalgaon	132	130	138	127	144		130
	BIPC Buldhana	102	115	185	89	600		130
	CADA Abad	154	159	193	121	169		130
	CADA Nashik	174	153	200	153	195		130
	NIC Nanded	143	140	226	124	159		130
Normal	YIC Yavatmal	87	174	0	53	0	100	130
	NIC Nanded	116	111	0	104	188		130
	AIC Abad	71	71	79	71	0		130
	CIPC Chandrapur	117	130	94	110	146		130
	CADA Jalgaon	106	90	109	90	132		130
	CADA Nashik	105	86	119	86	123		130
	AIC Akola	129	125	152	123	270		130
	CADA Abad	301	177	168	177	0		130
	PIC Pune	161	204	221	143	204		130
	WIC Washim	184	267	266	170	267		130
Surplus	CIPC Chandrapur	124	176	201	80	176	130	130
	CADA Nagpur	234	292	228	191	292		130
Abundant	KIC Ratnagiri	6	3	5	3	47	48	130
	NKIPC Thane	28	28	15	21	35		130
	TIC Thane	54	52	46	46	59		130
	SIC Sangli	37	98	127	10	151		130
	CIPC Chandrapur	198	211	290	174	255		130

Note: Figures in red are not considered for calculating average performance.

Indicator I a
Medium Projects
Annual Area Irrigated per unit of Water Supply (ha/Mcum)

Circle	Plangroup	Project	FY Avg	LY - 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed	Highly Deficit	Jakapur	143	0	0	124	0	140	130
CADA Beed		Turori	173	125	0	87	222		
CADA Beed		Mehakari	84	97	82	72	0		
CADA Beed		Kambli	105	123	85	85	0		
CADA Beed		Benitura	85	90	86	65	96		
CADA Beed		Kurnoor	85	90	91	54	96		
CADA Beed		Kadi	82	77	99	65	0		
CADA Solapur		Budhihal	432	499	107	325	1111		
CADA Beed		Talwar	114	108	112	70	158		
PIC Pune		Sina	91	93	112	80	120		
PIC Pune		Mhaswad	198	177	130	148	420		
CADA Beed		Rooty	61	145	134	35	0		
PIC Pune		Nher	152	0	137	143	0		
CADA Beed		Sakat	185	327	139	146	327		
PIC Pune		Tisangi	124	104	145	104	144		
CADA Solapur		Jawalgaon	128	140	145	95	349		
CADA Beed		Ramganga	157	317	146	131	317		
CADA Beed		Harni	107	135	147	67	143		
CADA Solapur		Ekrukh	153	152	151	144	477		
CADA Beed		Chandani	151	87	151	87	1308		
CADA Beed		Khasapur	190	172	154	70	257		
PIC Pune		Andhali	113	0	154	61	0		
CADA Solapur		Hingani (Pangaon)	132	131	155	102	143		
CADA Beed		Banganga	136	113	156	113	419		
CADA Beed		Khandeshwar	168	157	159	157	194		
CADA Solapur		Mangi	143	140	163	140	349		
CADA Beed		Kada	105	105	184	91	149		
PIC Pune		Ranand	151	180	185	109	187		
PIC Pune		Khairy	175	135	199	135	562		
CADA Beed		Khandala	259	681	210	84	681		
CADA Beed	Deficit	Whati	111	157	0	83	385	158	
CADA Beed		Tiru	154	185	0	130	185		
CADA Beed		Terna	144	150	0	120	861		
CADA Beed		Tawarja	121	76	0	76	296		
CADA Beed		Masalga	153	190	0	127	0		
AIC Akola		Uma	166	0	0	113	0		
AIC Akola		Dnyanganga	157	159	0	141	0		
CADA Abad		Dhamna	181	304	0	157	0		
CADA Abad		Pir Kalyan	201	201	0	149	0		
CADA Abad		Masoli	99	107	0	78	147		
CADA Abad		Jivrekha	163	136	0	136	202		
NIC Nanded		Karadkhed	126	126	0	111	214		
CADA Beed		Devarjan	126	196	0	84	196		
CADA Beed		Gharni	120	129	0	95	139		
NIC Nanded		Pethwadaj	105	159	0	89	159		
NIC Nanded		Mahalingi	183	149	0	149	0		
CADA Beed		Sakol	181	200	0	140	210		
CADA Jalgaon		Tondapur	390	0	0	323	0		
CADA Beed		Rui	190	386	0	130	494		
AIC Akola		Shahanoor	150	166	39	77	181		
CADA Beed		Belpara	55	132	57	35	132		
AIC Akola		Nirguna	135	145	88	76	0		
CADA Beed		Renapur	105	105	95	24	132		
CADA Beed		Saraswati	124	129	108	84	0		
CADA Beed		Kundlika	105	144	110	79	144		
CADA Beed		Raigavan	150	139	110	110	3435		

Circle	Plangroup	Project	FY Avg	LY - 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed		Wan (Beed)	100	81	113	81	150		130
AIC Akola		Morna (Akola)	128	220	116	88	0		
CADA Beed		Bodhegaon	99	163	116	69	0		
CADA Beed		Bindusara	105	94	118	71	0		
CADA Abad		Girja	157	146	119	105	198		
CADA Jalgaon		Hiwara	136	128	121	128	179		
CADA Abad		Galhati	70	69	123	51	112		
CADA Jalgaon		Manyad	109	98	123	98	130		
CADA Jalgaon		Rangawali	166	173	127	131	204		
CADA Beed		Sangameshwar (Dokewadi)	125	175	129	62	181		
CADA Abad		Jui	183	0	130	160	0		
CADA Jalgaon		Burai	168	188	135	131	191		
NIC Nanded		Kudala	162	128	142	128	218		
CADA Abad		Purna Nevpur	420	256	144	256	716		
CADA Beed		Borna	101	79	146	79	150		
CADA Beed		Mahasangvi	119	140	147	102	140		
CADA Jalgaon		Bori	111	110	152	100	164		
CADA Nashik		Nagyasakya	144	119	153	109	181		
CADA Abad		Karpara	117	311	154	84	311		
AIC Akola		Paldhag	157	127	155	127	0		
CADA Jalgaon		Bhokarbari	90	94	161	85	257		
CADA Jalgaon		Agnawati	125	117	162	117	0		
CADA Beed		Sindphana	170	225	178	120	230		
CADA Abad		Anjana Palashi	393	174	188	113	636		
CADA Nashik		Haranbari	167	162	215	143	190		
CADA Nashik		Kelzar	232	177	225	177	320		
CADA Abad		Khelna	206	0	229	104	0		
CADA Abad		Gadadgad	186	238	261	123	241		
BIPC Buldhana		Torna	98	110	272	36	675		
CADA Jalgaon		Kanoli	118	146	302	76	189		
CADA Abad		Lahuki	204	384	322	137	0		
CADA Abad		Sukhna	165	135	372	78	235		
AIC Akola		Mas	161	214	398	145	0		
NIC Nanded		Kundrala	166	199	470	136	225		
CADA Abad		Ajantha Andhari	170	422	482	76	0		
CADA Abad		Kalyan Girja	124	100	509	100	205		
BIPC Buldhana		Mun	100	117	611	91	1550		
CADA Abad	Normal	Narangi	276	404	0	248	404	151	
AIC Akola		Saikheda	101	94	0	70	0		
CADA Abad		Bor Dahegaon	388	81	0	81	700		
NIC Nanded		Loni	105	100	0	89	140		
NIC Nanded		Nagzari	109	96	0	96	315		
YIC Yavatmal		Adan	83	243	0	43	0		
NIC Nanded		Dongargaon (Nanded)	114	136	0	98	0		
YIC Yavatmal		Navargaon	130	125	0	111	0		
CIPC Chandrapur		Amal Nala	155	177	0	128	0		
CADA Jalgaon		Suki	47	27	39	27	114		
CIPC Chandrapur		Panchadhara	60	64	56	52	142		
CADA Nashik		Mand Ohol	60	76	68	43	87		
AIC Abad		Shivna Takali	71	71	79	71	0		
CIPC Chandrapur		Pothra	93	106	89	84	134		
CADA Nashik		Adhala	99	73	109	73	162		
CADA Jalgaon		Panzra	161	136	111	136	196		

Circle	Plangroup	Project	FY Avg	LY - 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Jalgaon		Karwand	182	212	119	146	211		130
CIPC Chandrapur		Dongargaon (Chandrapur)	73	92	121	57	491		
CADA Nashik		Bhojapur	104	59	126	59	125		
CADA Jalgaon		Malangaon	146	125	128	125	168		
CADA Nashik		Alandi	105	103	128	96	121		
WIC Washim		Sonal	191	0	137	172	0		
CADA Abad		Dheku	261	253	139	221	0		
AIC Akola		Lowerpus	109	133	150	86	0		
CADA Jalgaon		Aner	83	67	151	67	110		
PIC Pune		Nazare	162	181	151	141	232		
CADA Abad		Ambadi	188	187	165	160	0		
CADA Jalgaon		Abhora	116	108	165	95	170		
CADA Abad		Tembhapuri	520	145	184	145	678		
PIC Pune		Kasarsai	167	214	206	139	214		
CADA Nashik		Ghatshil Pargaon	164	170	208	131	0		
CADA Abad		Kolhi	123	91	245	91	0		
PIC Pune		Vadiwale	161	206	272	115	206		
WIC Washim		Ekburji	171	267	272	152	0		
CIPC Chandrapur		Chandai	182	241	317	129	241		
AIC Akola		Borgaon	177	444	642	130	0		
AIC Akola		Koradi	233	228	1000	222	270		
CADA Nagpur	Surplus	Kesarnala	104	124	30	95	680	201	
CADA Nagpur		Khekranala	36	80	36	24	246		
CADA Nagpur		Kolar	126	154	62	93	513		
CADA Nagpur		Chandrabhaga (Nagpur)	97	88	95	88	306		
CADA Nagpur		Mordham	99	149	148	94	300		
CADA Nagpur		Pandhrabodi	186	0	151	179	0		
CADA Nagpur		Kanholibara	115	129	155	98	143		
CADA Nagpur		Umri	117	127	155	80	273		
CIPC Chandrapur		Chargaon	105	157	185	56	157		
CADA Nagpur		Makardhokada-Saiki Complex	121	167	208	110	178		
CADA Nagpur		Chulband	208	231	246	192	360		
CADA Nagpur		Managadh	204	154	266	154	332		
CADA Nagpur		Rengepar	304	261	278	261	363		
CIPC Chandrapur		Labhansarad	168	231	282	139	231		
CADA Nagpur		Wunna	90	246	291	68	407		
CADA Nagpur		Betekar Bothali	268	499	325	215	499		
CADA Nagpur		Bodalkasa	334	400	344	269	400		
CADA Nagpur		Sangrampur	353	403	356	266	403		
CADA Nagpur		Sorna	273	272	417	186	303		
CADA Nagpur		Chorakhmara	376	385	452	300	431		
CADA Nagpur		Chandpur	528	527	580	130	711		
CADA Nagpur		Bagheda	469	683	647	272	704		
CADA Nagpur		Khairbanda	520	597	653	373	597		
KIC Ratnagiri	Abundant	Natuwadi	6	3	5	3	47	114	
NKIPC Thane		Hetwane	27	28	15	21	35		
TIC Thane		Wandri	30	26	26	23	39		
SIC Sangli		Kumbhi	7	86	91	2	125		
TIC Thane		Rajanala	74	75	97	56	105		
SIC Sangli		Patgaon	88	76	104	55	101		
SIC Sangli		Kadavi	114	106	109	90	129		
SIC Sangli		Kasari	123	109	148	109	279		
SIC Sangli		Chikotra	119	144	169	1	161		
SIC Sangli		Jangamhatti	195	0	171	96	212		
SIC Sangli		Chitri	155	0	187	46	251		
CIPC Chandrapur		Ghorazari	184	198	241	121	296		
CIPC Chandrapur		Naleshwar	189	242	495	143	242		

Note: Figures in red are not considered for calculating average performance.

Indicator II: Potential created and utilized

Highly Deficit Plan Group:

CADA Beed: Average ratio of projects under this circle has decreased from 0.47 to 0.35 this year. Chandani has maximum ratio of 0.67. Low availability this year affected the ratio.

PIC Pune: Average irrigation potential utilisation of seven projects is 0.98. It is improved from 0.88 of last year but it is below State norms. Moreover, the improvement is better in Sina & Ranand projects. In Andhali project, inspite of 100% availability, potential utilized was only 21%. In Ranand project there is improvement (0.58 to 1.14).

CADA Solapur: -The average value of, irrigation potential created & utilised of five medium projects in this circle is 1.24. Compared to last year, the improvement is quite good.

Deficit Plan group:

AIC Akola: Potential utilisation decreased over last year and is very much less than State norm.

BIPC Buldhana: Potential utilization is same as past five year average, but it is very much less than target.

NIC Nanded: The average performance decreased from 0.71 to 0.32. Only Kudala project has the ratio of 0.82 this year. The rest of the projects have no utilization.

CADA Beed: Average ratio of projects under this circle has slightly decreased from 0.41 to 0.34 compared to last year, this year low availability affected ratio to lower down, Kundalika having maximum ratio of 0.42 in this year.

CADA Nashik: Though the ratio increased from 0.42 (2008-09) to 0.50 (2009-10) still it is below state target. There is much scope to improve the performance in Haranbari (43%) & Kelzar (54%) projects.

CADA Aurangabad: The average performance of projects under this circle has decreased from 0.99 to 0.74. Kalyan Girija has maximum ratio of 1.5. Sukhana has 1.4; this shows that the irrigation on reservoir lifts & wells in command area is more than that of irrigation through canal flow.

CADA Jalgaon: In all the projects except Bhokarbari (66%) and Bori (75%) the potential was fully utilised since last four years. However, this year (2009-10), the potential is fully utilised in all the projects.

Normal Plan group:

NIC Nanded: The average performance of projects under this circle has declined from 0.60 to 0.02. Dongargaon has ratio of 0.02, rest of the projects have no irrigation.

AIC Aurangabad: The average performance slightly increased from 0.09 to 0.10 compared to last year.

WIC Washim: Potential utilization is continuously decreasing.

AIC Akola: Potential utilization is continuously decreasing.

CIPC Chandrapur: Utilisation of irrigation potential is very less in this circle and the value of the indicator is 0.30.

CADA Aurangabad: The average performance of projects under this circle has decreased from 0.60 to 0.35. Dheku project has the ratio 0.19 and Kolhi has 0.77.

PIC Pune: The performance of Nazare & Wadiwale is good. However, the performance of Kasari is slightly declined.

CADA Nashik: Hundred percent potential is utilised in all the projects except Bhojapur (72%) and Mandohol (37%).

CADA Jalgaon: The potential is fully utilised in all the projects except Aner(95%).

Surplus Plan Group:

CIPC Chandrapur: Utilisation of irrigation potential decreased as compared to last year.

CADA Nagpur: Utilisation of irrigation potential decreased as compared to last year but it is fairly good as compared to target.

Abundant Plan Group:

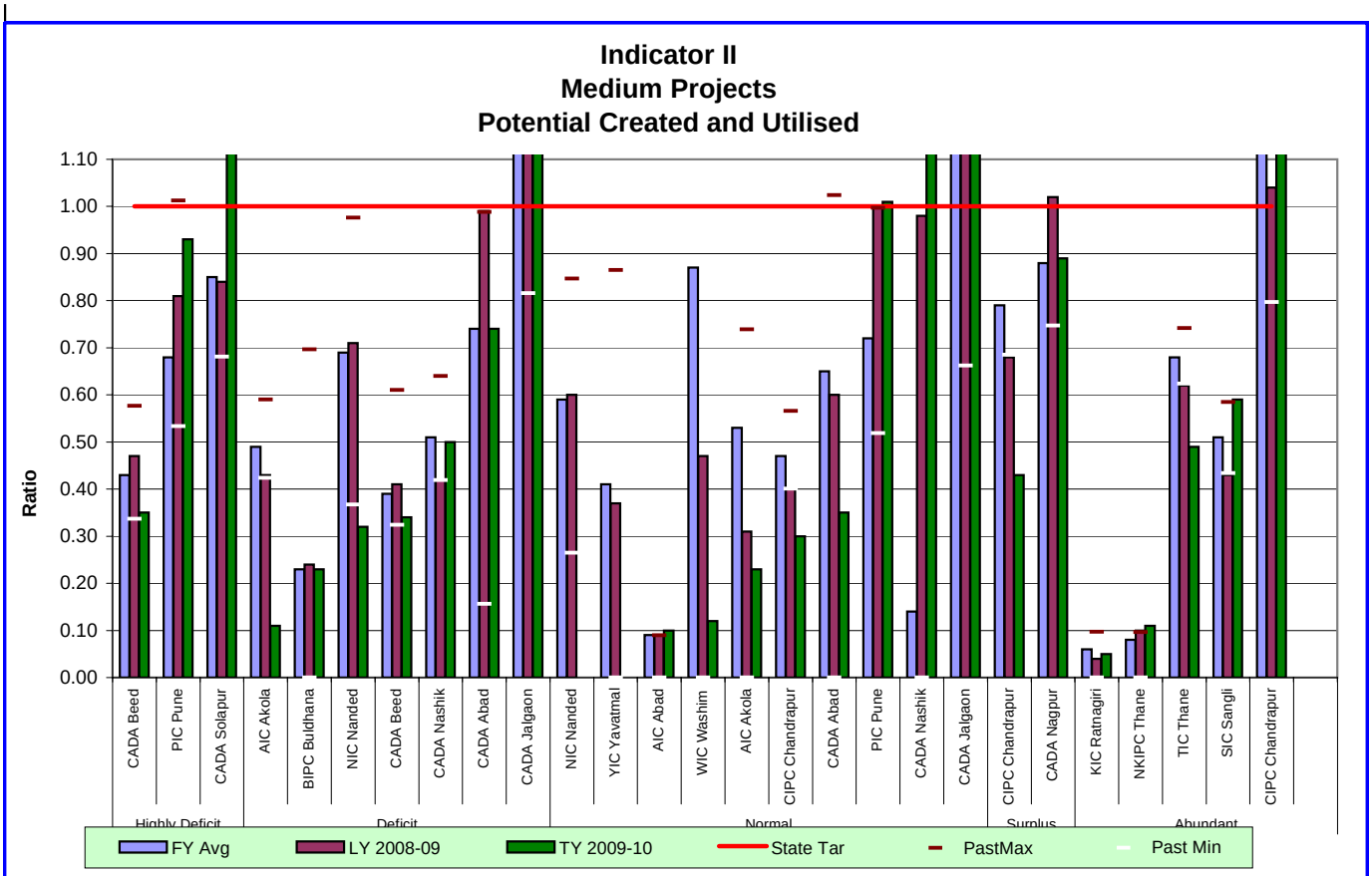
KIC Ratnagiri: Utilisation of potential in Natuwadi project increased from 0.04 to 0.05. It is very low compared to State norms. It is due to very less irrigated area and heavy leakages in the canal system.

NKIPC Thane: Utilisation of potential in Hetawane project increased from 0.10 of last year to 0.11 this year but it is far below the State target.

TIC Thane: The average value of ratio of irrigation potential created & utilised under this circle is 0.74, showing improvement over last year.

SIC Sangli: The average value of ratio of irrigation potential created & utilized of medium projects in this circle is 0.59 % similar to last year.

CIPC Chandrapur: Ratio of potential utilized to created appears to be 1.62. High value of ratio is attained because irrigation was done mainly in kharif season and while calculating the ratio, effective irrigation potential is taken without any logic. Even though the data provided for calculations is not proper, area irrigated by both the projects under this circle was nearly equal to ICA.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Beed	0.43	0.47	0.35	0.58	0.34	0.84	1
	PIC Pune	0.68	0.81	0.93	1.01	0.53		1
	CADA Solapur	0.85	0.84	1.24	2.13	0.68		1
Deficit	AIC Akola	0.49	0.43	0.11	0.59	0.42	0.53	1
	BIPC Buldhana	0.23	0.24	0.23	0.70	0.00		1
	NIC Nanded	0.69	0.71	0.32	0.98	0.37		1
	CADA Beed	0.39	0.41	0.34	0.61	0.32		1
	CADA Nashik	0.51	0.42	0.50	0.64	0.42		1
	CADA Abad	0.74	0.99	0.74	0.99	0.16		1
	CADA Jalgaon	1.18	1.29	1.47	1.39	0.82		1
Normal	NIC Nanded	0.59	0.60	0.00	0.85	0.26	0.61	1
	YIC Yavatmal	0.41	0.37	0.00	0.86	0.00		1
	AIC Abad	0.09	0.09	0.10	0.09	0.00		1
	WIC Washim	0.87	0.47	0.12	1.12	0.00		1
	AIC Akola	0.53	0.31	0.23	0.74	0.00		1
	CIPC Chandrapur	0.47	0.40	0.30	0.57	0.40		1
	CADA Abad	0.65	0.60	0.35	1.02	0.00		1
	PIC Pune	0.72	1.00	1.01	1.00	0.52		1
	CADA Nashik	0.14	0.98	1.17	1.14	0.00		1
	CADA Jalgaon	1.25	1.36	1.63	1.55	0.66		1
Surplus	CIPC Chandrapur	0.79	0.68	0.43	1.45	0.68	0.66	1
	CADA Nagpur	0.88	1.02	0.89	1.22	0.75		1
Abundant	KIC Ratnagiri	0.06	0.04	0.05	0.10	0.00	0.57	1
	NKIPC Thane	0.08	0.10	0.11	0.10	0.00		1
	TIC Thane	0.68	0.62	0.49	0.74	0.62		1
	SIC Sangli	0.51	0.43	0.59	0.59	0.43		1
	CIPC Chandrapur	1.14	1.04	1.62	2.18	0.80		1
Note: Figures in red are not considered for calculating average performance.								0

Indicator II
Medium Projects
Potential Created and Utilised

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed	Highly Deficit	Turori	0.47	0.77	0.00	0.77	0.34	0.45	1
CADA Beed		Jakapur	0.22	0.00	0.00	0.45	0.00		1
CADA Beed		Mehakari	0.13	0.23	0.06	0.53	0.00		1
CADA Beed		Khandala	0.57	0.38	0.07	2.17	0.23		1
CADA Beed		Kambli	0.14	0.28	0.11	0.28	0.00		1
CADA Beed		Rooty	0.08	0.10	0.12	0.10	0.00		1
PIC Pune		Andhali	0.13	0.00	0.21	0.31	0.00		1
CADA Beed		Kada	0.20	0.22	0.23	0.51	0.00		1
CADA Beed		Talwar	0.30	0.50	0.23	0.56	0.00		1
CADA Beed		Kadi	0.38	0.71	0.26	0.71	0.00		1
CADA Beed		Benitura	0.20	0.23	0.31	0.30	0.13		1
CADA Beed		Ramganga	0.55	0.50	0.34	1.40	0.47		1
CADA Beed		Banganga	0.48	0.44	0.41	2.25	0.43		1
CADA Beed		Sakat	0.51	2.50	0.47	2.50	0.34		1
CADA Beed		Kurnoor	0.55	0.64	0.52	0.64	0.46		1
CADA Beed		Khandeshwar	0.65	0.92	0.53	0.92	0.47		1
PIC Pune		Khairy	0.78	0.47	0.64	1.60	0.47		1
CADA Beed		Khasapur	0.77	0.78	0.66	0.82	0.29		1
CADA Beed		Chandani	0.97	0.63	0.67	1.91	0.32		1
CADA Beed		Harni	0.56	0.42	0.67	0.82	0.41		1
PIC Pune		Nher	0.50	0.00	0.69	0.56	0.00		1
CADA Solapur		Jawalgaon	0.44	0.45	0.89	2.90	0.33		1
PIC Pune		Tisangi	0.83	0.86	0.92	1.00	0.61		1
PIC Pune		Sina	0.58	0.66	0.93	1.90	0.38		1
PIC Pune		Ranand	0.52	0.58	1.14	0.64	0.00		1
CADA Solapur		Mangi	1.22	1.42	1.15	2.60	1.07		1
CADA Solapur		Hingani (Pangaon)	0.70	0.55	1.16	0.83	0.55		1
PIC Pune		Mhaswad	1.35	1.65	1.49	8.31	0.78		1
CADA Solapur		Budhihal	2.13	7.09	5.04	8.09	0.00		1
CADA Solapur		Ekrukh	1.64	1.82	11.57	37.63	0.95		1
CADA Beed	Deficit	Tawarja	0.35	0.35	0.00	1.52	0.31	0.45	1
CADA Beed		Sakol	0.49	0.68	0.00	0.89	0.36		1
AIC Akola		Dnyanganga	0.90	1.83	0.00	1.83	0.00		1
CADA Beed		Whati	0.33	0.41	0.00	1.86	0.20		1
CADA Beed		Terna	0.63	0.63	0.00	8.63	0.42		1
CADA Abad		Jui	0.50	0.70	0.00	0.70	0.00		1
CADA Abad		Jivrekha	0.68	0.77	0.00	0.77	0.37		1
CADA Abad		Dhamna	0.90	0.00	0.00	1.23	0.00		1
AIC Akola		Uma	0.75	0.00	0.00	1.01	0.00		1
CADA Beed		Tiru	0.48	0.78	0.00	0.78	0.30		1
CADA Abad		Pir Kalyan	0.57	0.49	0.00	0.70	0.00		1
CADA Beed		Rui	0.31	0.35	0.00	2.52	0.00		1
CADA Beed		Gharni	0.43	0.42	0.00	1.00	0.37		1
CADA Abad		Ajantha Andhari	0.62	0.00	0.00	0.74	0.00		1
CADA Beed		Masalga	0.09	0.31	0.00	0.31	0.00		1
CADA Beed		Raigavan	0.35	0.33	0.00	23.24	0.20		1
NIC Nanded		Pethwadaj	0.76	0.52	0.00	1.15	0.48		1
CADA Jalgaon		Tondapur	1.87	0.00	0.00	1.91	0.00		1
CADA Beed		Devarjan	0.38	0.84	0.00	0.84	0.16		1
NIC Nanded		Mahalingi	1.02	0.92	0.00	1.28	0.00		1
NIC Nanded		Karadkhed	0.56	0.57	0.00	0.90	0.42		1
CADA Abad		Masoli	0.52	0.20	0.00	1.50	0.20		1
AIC Akola		Shahanoor	0.28	0.27	0.06	0.55	0.24		1
CADA Beed		Belpara	0.18	0.18	0.13	0.39	0.14		1
AIC Akola		Mas	0.68	0.70	0.14	0.71	0.00		1
AIC Akola		Paldhag	0.83	0.79	0.16	0.95	0.00		1
AIC Akola		Morna (Akola)	0.42	0.77	0.18	0.77	0.00		1
CADA Beed		Wan (Beed)	0.23	0.31	0.22	0.37	0.16		1
BIPC Buldhana		Mun	0.20	0.22	0.22	0.82	0.00		1

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed		Mahasangvi	0.30	0.52	0.24	0.52	0.23		1
CADA Beed		Bodhegaon	0.12	0.22	0.24	0.22	0.00		1
CADA Beed		Saraswati	0.38	0.39	0.25	0.45	0.00		1
AIC Akola		Nirguna	0.43	0.48	0.26	0.48	0.00		1
CADA Beed		Renapur	0.42	0.22	0.28	0.67	0.22		1
CADA Beed		Borna	0.32	0.14	0.29	1.80	0.14		1
CADA Beed		Bindusara	0.33	0.31	0.29	0.56	0.00		1
BIPC Buldhana		Torna	0.27	0.40	0.35	0.40	0.00		1
CADA Beed		Kundlika	0.42	0.40	0.42	0.58	0.39		1
CADA Nashik		Haranbari	0.44	0.32	0.43	0.71	0.32		1
CADA Abad		Anjana Palashi	1.14	0.00	0.43	1.00	0.00		1
CADA Abad		Purna Nevpur	1.00	1.00	0.54	1.00	1.00		1
CADA Nashik		Kelzar	0.49	0.52	0.54	0.63	0.41		1
CADA Abad		Galhati	0.49	1.00	0.57	1.00	0.25		1
CADA Abad		Khelna	1.02	2.67	0.58	2.67	0.53		1
CADA Beed		Sangameshwar (Dokewadi)	0.26	0.36	0.60	0.47	0.12		1
CADA Abad		Gadadgad	0.83	0.76	0.62	1.18	0.49		1
CADA Nashik		Nagyasakya	0.86	0.71	0.73	1.01	0.51		1
CADA Abad		Lahuki	2.26	4.11	0.74	4.71	0.00		1
CADA Beed		Sindphana	0.54	0.90	0.82	0.90	0.36		1
NIC Nanded		Kudala	1.05	0.89	0.82	1.32	0.61		1
CADA Abad		Karpara	0.54	0.38	0.85	1.28	0.38		1
NIC Nanded		Kundrala	0.98	1.07	0.89	1.53	0.60		1
CADA Abad		Kalyan Girja	0.78	1.08	0.96	1.08	0.56		1
CADA Abad		Girja	1.21	1.32	1.09	1.38	0.00		1
CADA Jalgaon		Rangawali	1.06	1.41	1.11	1.41	0.50		1
CADA Jalgaon		Agnawati	1.43	1.09	1.29	4.57	0.00		1
CADA Jalgaon		Bori	0.95	0.75	1.39	4.24	0.49		1
CADA Abad		Sukhna	1.88	3.01	1.41	3.27	0.00		1
CADA Jalgaon		Manyad	1.36	1.13	1.41	2.03	0.84		1
CADA Jalgaon		Kanoli	1.21	1.72	1.54	1.72	0.74		1
CADA Jalgaon		Burai	1.49	1.93	1.54	1.98	0.80		1
CADA Jalgaon		Hiwara	1.38	1.59	1.68	1.59	0.61		1
CADA Jalgaon		Bhokarbari	0.88	0.66	1.87	1.45	0.15		1
CADA Abad	Normal	Narangi	0.96	1.00	0.00	1.00	0.92	0.41	1
AIC Akola		Koradi	1.11	0.00	0.00	1.82	0.00		1
AIC Akola		Saikheda	0.32	0.30	0.00	0.44	0.00		1
CADA Abad		Bor Dahegaon	1.00	1.00	0.00	1.00	1.00		1
NIC Nanded		Nagzari	0.92	0.92	0.00	1.68	0.68		1
NIC Nanded		Loni	0.53	0.38	0.00	0.80	0.26		1
WIC Washim		Sonal	1.05	0.00	0.00	1.16	0.00		1
YIC Yavatmal		Adan	0.51	1.31	0.00	1.31	0.00		1
YIC Yavatmal		Navargaon	0.26	0.18	0.00	0.39	0.00		1
CIPC Chandrapur		Amal Nala	0.59	0.38	0.00	0.75	0.00		1
NIC Nanded		Dongargaon (Nanded)	0.72	0.77	0.02	0.77	0.00		1
AIC Abad		Shivna Takali	0.09	0.09	0.10	0.09	0.00		1
AIC Akola		Lowerpus	0.47	0.31	0.15	0.84	0.00		1
CIPC Chandrapur		Pothra	0.45	0.46	0.18	1.02	0.41		1
AIC Akola		Borgaon	0.53	0.16	0.19	0.83	0.00		1
CADA Abad		Dheku	0.68	0.63	0.19	0.78	0.00		1
CIPC Chandrapur		Panchadhara	0.30	0.34	0.27	0.43	0.29		1
CADA Nashik		Mand Ohol	0.52	0.42	0.37	0.90	0.30		1
CIPC Chandrapur		Chandai	0.41	0.36	0.38	0.43	0.33		1
CADA Abad		Tembhapuri	1.00	1.00	0.40	1.00	1.00		1
CADA Abad		Ambadi	0.61	0.25	0.43	0.74	0.00		1
WIC Washim		Ekburji	0.57	0.47	0.45	0.70	0.00		1
PIC Pune		Kasarsai	0.53	0.73	0.68	1.00	0.29		1
CIPC Chandrapur		Dongargaon (Chandrapur)	0.52	0.56	0.72	1.88	0.47		1
CADA Nashik		Bhojapur	0.03	0.59	0.72	0.59	0.00		1
CADA Abad		Kolhi	1.58	1.69	0.77	1.69	0.00		1

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Jalgaon		Aner	1.48	1.17	0.95	2.10	1.03		1
CADA Jalgaon		Karwand	0.86	1.07	1.08	1.07	0.26		1
PIC Pune		Nazare	1.01	0.92	1.14	1.48	0.80		1
PIC Pune		Vadiwale	0.78	1.27	1.19	1.27	0.53		1
CADA Nashik		Ghatshil Pargaon	0.81	0.80	1.23	1.00	0.00		1
CADA Nashik		Adhala	1.47	1.05	1.34	2.13	1.05		1
CADA Nashik		Alandi	0.12	1.37	1.72	1.49	0.00		1
CADA Jalgaon		Abhora	1.37	1.12	2.04	2.24	0.27		1
CADA Jalgaon		Panzra	1.79	1.93	2.39	2.53	0.55		1
CADA Jalgaon		Malangaon	1.76	1.74	2.39	2.18	0.54		1
CADA Jalgaon		Suki	0.92	1.05	2.55	2.48	0.17		1
CADA Nagpur	Surplus	Kesarnala	0.53	0.32	0.13	27.20	0.32	0.39	1
CADA Nagpur		Khekranala	0.27	0.52	0.16	1.42	0.17		1
CADA Nagpur		Wunna	0.10	0.02	0.20	1.97	0.00		1
CADA Nagpur		Kolar	0.52	0.52	0.22	1.83	0.42		1
CADA Nagpur		Chandrabhaga (Nagpur)	0.42	0.20	0.28	1.17	0.20		1
CIPC Chandrapur		Labhansarad	0.53	0.47	0.29	0.56	0.30		1
CIPC Chandrapur		Chargaon	0.92	0.88	0.51	0.95	0.00		1
CADA Nagpur		Mordham	0.41	0.34	0.52	1.26	0.31		1
CADA Nagpur		Managadh	0.66	0.47	0.72	1.24	0.47		1
CADA Nagpur		Umri	0.57	0.55	0.88	1.47	0.51		1
CADA Nagpur		Bodalkasa	1.05	1.46	1.12	1.46	0.89		1
CADA Nagpur		Kanholibara	0.62	0.78	1.22	0.91	0.42		1
CADA Nagpur		Makardhokada-Saiki Complex	0.62	0.48	1.23	0.74	0.48		1
CADA Nagpur		Khairbanda	1.12	1.32	1.29	1.60	1.00		1
CADA Nagpur		Chulband	1.01	1.20	1.30	2.01	0.90		1
CADA Nagpur		Rengepar	1.01	1.30	1.31	1.40	0.82		1
CADA Nagpur		Chorakhmara	1.06	1.41	1.49	1.63	0.94		1
CADA Nagpur		Betekar Bothali	0.83	1.79	1.51	1.79	0.58		1
CADA Nagpur		Bagheda	1.01	7.61	1.68	7.61	0.66		1
CADA Nagpur		Sangrampur	1.13	1.98	1.71	1.98	0.77		1
CADA Nagpur		Chandpur	1.93	2.16	2.36	2.45	0.83		1
CADA Nagpur		Sorna	1.19	1.66	2.56	1.66	1.04		1
CADA Nagpur		Pandhrabodi	2.04	0.00	2.65	3.84	0.00		1
KIC Ratnagiri	Abundant	Natuwadi	0.05	0.04	0.05	0.10	0.00	0.42	1
NKIPC Thane		Hetwane	0.08	0.10	0.11	0.10	0.00		1
SIC Sangli		Kadavi	0.20	0.40	0.21	0.40	0.12		1
TIC Thane		Wandri	0.38	0.33	0.33	0.49	0.30		1
SIC Sangli		Patgaon	0.39	0.28	0.37	0.75	0.28		1
SIC Sangli		Kumbhi	0.38	0.37	0.38	1.05	0.27		1
SIC Sangli		Chikotra	0.59	0.53	0.56	1.26	0.31		1
SIC Sangli		Kasari	0.48	0.68	0.56	0.68	0.38		1
TIC Thane		Rajanala	0.89	0.86	0.74	1.11	0.86		1
SIC Sangli		Jangamhatti	1.19	0.00	0.88	1.32	0.93		1
SIC Sangli		Chitri	0.98	0.00	1.04	1.26	0.78		1
CIPC Chandrapur		Ghorazari	1.00	1.06	1.51	2.55	0.52		1
CIPC Chandrapur		Naleshwar	1.02	1.01	1.91	1.68	1.00		1
Note: Figures in red are not considered for calculating average performance.									

Indicator III: Out put per unit irrigated area

Highly Deficit Plan group:

PIC Pune: Average output per unit irrigated area of seven medium projects is Rs. 22050 Ha. this year. In Andhali, Khairy, Tisangi, Sina & Nher projects, the performance is good. In Ranand project, though the area irrigated is nearly double that of last year the output is nearly same resulting in decrease in output per hectare over last year.

CADA Beed: Average output per unit irrigated area of project under this circle has increased from Rs 12141 /ha to 28779. this year, which is above the state norms. Khandala project has out put per unit irrigated area of Rs 56983/ha,this is because of 51% perennial crops out of total area irrigated this year, which was just 11% last year, where as in Kada out put is minimum to Rs. 6117/ha. in this year against last years Rs.7309/ha.

CADA Solapur: Average output per unit irrigated area of six medium projects in this circle is Rs. 29928/- which declined over last year. However, it is above State target.

Deficit Plan group:

BIPC Buldhana: Output per unit area increased over last year, but less than State target.

NIC Nanded:

The average performance of the projects under this circle has decreased from Rs 28054 to 17507/ha. Kudala and Kundrala have maximum output of Rs17000/ha

CADA Jalgaon: Though the output/ha increased from Rs. 17373/ha (2008-09) to Rs.18706/ha (2009-10) still it is below state norm. Field officers are required to improve the performance in case of Manyad (Rs 9365/ha), Agnawati (Rs 18050/ha), Bhokarbari (Rs 10483/ha), Bori (Rs 10819/ha) & Burai (Rs 15383/ha projects as the performance of these projects is about 50% of the state norm only.

CADA Nashik: The output/ha in all the projects is at par with the state norm since last three years except Nagyasakya (Rs. 18688/ha) & Ghatshil Pargaon (Rs 10649/ha).

CADA Aurangabad: The average performance of the projects under this circle has increased marginally from Rs 20130 to 26484/ha. Gadadgad project has output Rs52603/ha. in this year against last year Rs. 39609/ha, due to increase in 11% of perennials over last year, Galhati has out put of Rs41725/ha. as against Rs.25949/ha. of last year due to increase in perennials.

AIC Akola: Average output per unit area is satisfactory.

CADA Beed: Average out put per unit irrigated area in projects under this circle has increased from Rs 26155 to 32658/ha.Raigavan has Rs112500/ha.this is due to irrigated area is of perennial crops only. Wan project has output of Rs 41361/ha, which is due to 52% perennial crops irrigated.

Normal Plan group:

NIC Nanded: Average output of projects under this circle has decreased from Rs 21436 to 10200/ ha. compared to last year. Dongargaon project has the highest

output in this plan group i.e., Rs. 10200/ha. which has crossed the State norms, rest of the projects have no irrigation.

CIPC Chandrapur: Average output per unit irrigated area for projects under this circle is less than state norm and nearly same as compared to last year.

WIC Washim: Output per unit area is decreased over last year and less than last year.

CADA Aurangabad: The Average output of projects under this circle has increased from Rs 15571 to 25798 this year. Tembhapuri project has the maximum output Rs.28953/ha.

AIC Aurangabad : Average output of this circle has increased from Rs 16635 to Rs. 27956/ ha. as compared to last year.

CADA Jalgaon: The output/ha in Karwand(Rs 14717/ha), Malangaon(Rs 11709/ha),Sonwad(Rs 14555/ha) & Panzara (Rs 10251/ha)projects is below state target since last two years. Field officers are required to improve the performance of these projects.

PIC Pune: The performance of all the three projects is good, similar to last year.

AIC Akola: Output per unit area decreased over last year, but more than State target.

CADA Nashik: The output/ha has exceeded the state target in all the projects except Mandohol (Rs. 19463/ha).

Surplus Plan Group:

CIPC Chandrapur: Average output per unit irrigated area is very much less than state target. It has been decreased from Rs.11949 /Ha. to Rs.2198 /Ha.

CADA Nagpur: Average output per unit irrigated area is improved over last year still it is less than 50% of State target.

Abundant Plan Group:

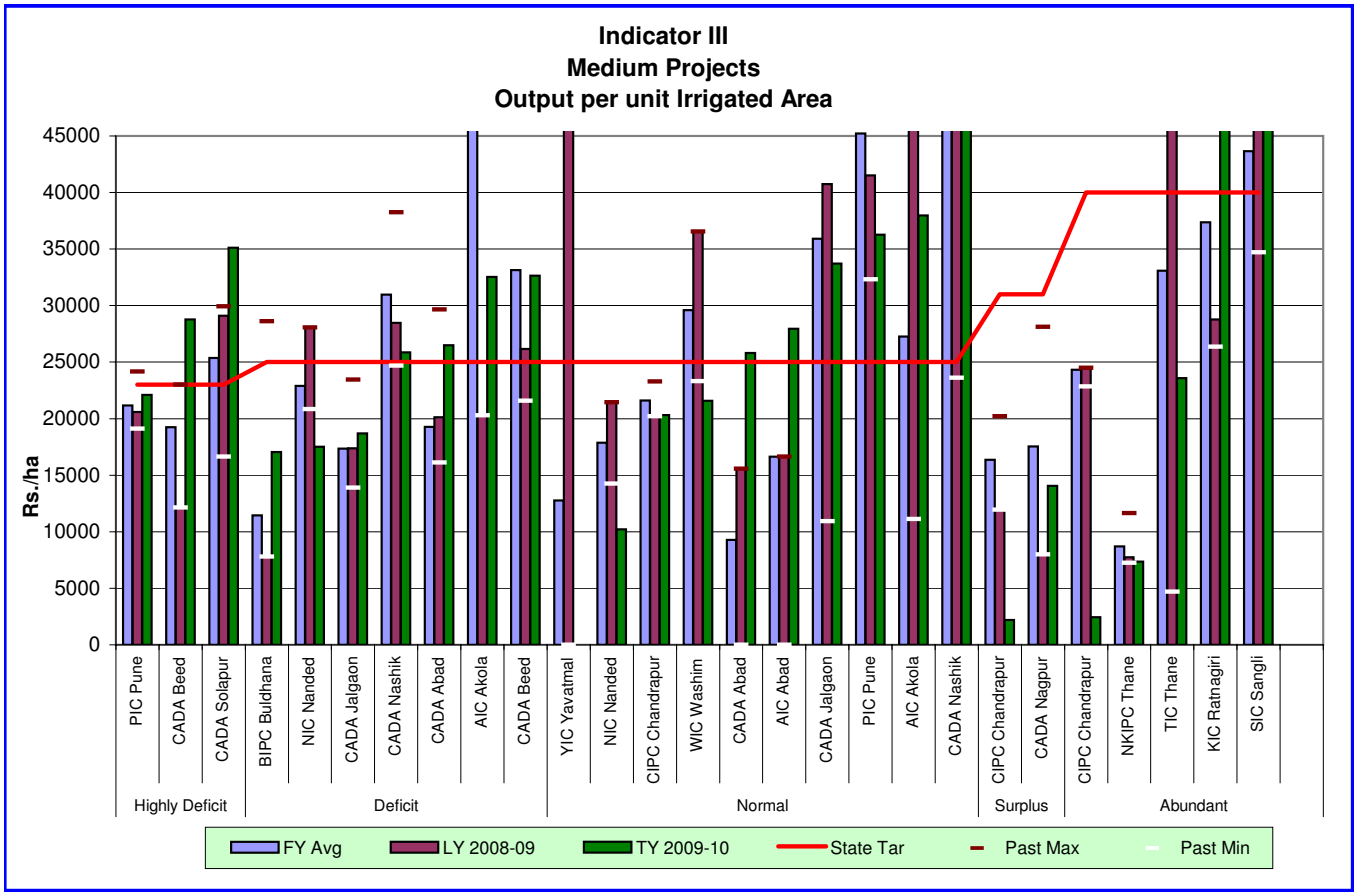
CIPC Chandrapur: Average output per unit irrigated area is very much less than state target even though the area irrigated is nearly equal to ICA of the projects.

NKIPC Thane: In Hetwane project the annual output slightly decreased from 7755 to Rs.7350 per hectare.

TIC Thane: In Rajnalla Complex & Wandri project, output per unit irrigated area in this circle is Rs. 54420/Ha which is more than double the value of last year.

KIC Ratnagiri: In Natuwadi Project, the annual output increased from Rs. 28771 to Rs. 46885 per Ha. The increase in performance is due to increase in yield of cash crops.

SIC Sangli: Average output per unit irrigated area of six medium projects in this circle is 53874/Ha, which is a good performance.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	PIC Pune	21181	20605	22097	24158	19102	28666	23000
	CADA Beed	19242	12141	28779	23016	12141		23000
	CADA Solapur	25372	29103	35123	29928	16630		23000
Deficit	BIPC Buldhana	11459	7785	17052	28611	7785	24401	25000
	NIC Nanded	22888	28054	17507	28054	20840		25000
	CADA Jalgaon	17342	17373	18706	23452	13885		25000
	CADA Nashik	30969	28459	25859	38234	24669		25000
	CADA Abad	19285	20130	26484	29653	16129		25000
	AIC Akola	54567	20302	32539	80568	20302		25000
	CADA Beed	33134	26155	32658	45653	21576		25000
Normal	YIC Yavatmal	12768	48325	0	48325	0	26723	25000
	NIC Nanded	17873	21436	10200	21436	14251		25000
	CIPC Chandrapur	21599	20199	20308	23292	20199		25000
	WIC Washim	29609	36543	21580	36543	23310		25000
	CADA Abad	9280	15571	25798	15571	0		25000
	AIC Abad	16635	16635	27956	16635	0		25000
	CADA Jalgaon	35913	40754	33712	59500	10923		25000
	PIC Pune	45206	41508	36257	58583	32314		25000
	AIC Akola	27265	55380	37976	55380	11128		25000
	CADA Nashik	83654	54692	52877	211074	23604		25000
Surplus	CIPC Chandrapur	16377	11949	2198	20221	11949	8131	31000
	CADA Nagpur	17555	7999	14063	28122	7999		31000
Abundant	CIPC Chandrapur	24322	24500	2450	24500	22842	27660	40000
	NKIPC Thane	8707	7755	7350	11635	7241		40000
	TIC Thane	33073	54111	23583	54420	4684		40000
	KIC Ratnagiri	37355	28771	46885	98571	26368		40000
	SIC Sangli	43650	53874	58033	53874	34700		40000

Note: Figures in red are not considered for calculating average performance.

Indicator III
Medium Projects
Output per unit Irrigated Area

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY - 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed	Highly Deficit	Turori	37586	19036	0	136095	19036		23000
CADA Beed		Jakapur	37290	0	0	44873	0	23623	23000
CADA Beed		Kada	11238	7309	6117	20659	890		23000
CADA Beed		Kambli	7664	6555	7132	19478	0		23000
CADA Beed		Talwar	7925	8342	9244	8342	392		23000
CADA Beed		Kadi	8162	6912	9294	15149	0		23000
CADA Solapur		Budhihal	8800	8896	10427	11963	5734		23000
PIC Pune		Mhaswad	19701	14822	13969	23689	14822		23000
CADA Beed		Rooty	10363	8230	17107	12391	0		23000
CADA Beed		Chandani	22248	16401	19807	27978	0		23000
CADA Beed		Mehakari	11772	8540	21556	19907	0		23000
CADA Beed		Banganga	12637	11873	22311	15081	8015		23000
PIC Pune		Khairy	18348	28819	22440	28819	5499		23000
PIC Pune		Tisangi	27657	29355	23898	37249	18713		23000
CADA Solapur		Mangi	23551	27844	24818	27844	16814		23000
PIC Pune		Andhali	15822	0	25456	31677	0		23000
PIC Pune		Ranand	35653	54316	25583	54316	14878		23000
PIC Pune		Sina	17996	17769	25671	22367	8742		23000
CADA Beed		Khasapur	19710	9743	26420	26977	0		23000
CADA Solapur		Jawalgaon	27549	28222	26508	39424	18821		23000
PIC Pune		Nher	19658	0	26579	65378	0		23000
CADA Beed		Sakat	17881	23726	28321	23726	0		23000
CADA Beed		Benitura	28151	19132	28581	37000	19132		23000
CADA Solapur		Hingani (Pangaon)	28299	37935	30527	37935	14534		23000
CADA Solapur		Ekrukh	30034	42060	33594	42060	19040		23000
CADA Beed		Khandeshwar	16416	10417	34271	21215	10417		23000
CADA Beed		Ramganga	14436	7983	35509	20000	7983		23000
CADA Beed		Kurnoor	17039	11853	40609	27972	11853		23000
CADA Beed		Harni	21324	9953	42076	49927	9953		23000
CADA Beed		Khandala	19259	17321	56983	33636	17321		23000
CADA Beed	Deficit	Masalga	135395	27421	0	451906	0	24278	25000
CADA Beed		Whati	37171	36048	0	56863	25832		25000
CADA Beed		Tiru	36044	33621	0	42657	28717		25000
CADA Beed		Tawarja	50515	27897	0	70475	26878		25000
CADA Beed		Gharni	40356	27554	0	51686	27554		25000
CADA Beed		Devarjan	58815	24302	0	77483	24302		25000
AIC Akola		Dnyanganga	26990	19522	0	40093	0		25000
CADA Abad		Dhamna	18886	24006	0	25844	0		25000
CADA Beed		Terna	35974	32018	0	41739	1823		25000
NIC Nanded		Mahalingi	13157	17277	0	17277	0		25000
CADA Abad		Jivrekha	12520	15691	0	27320	5349		25000
CADA Abad		Pir Kalyan	21543	29796	0	29796	0		25000
NIC Nanded		Pethwadaj	18240	16894	0	21968	15331		25000
CADA Beed		Rui	21273	19489	0	24842	2576		25000
NIC Nanded		Karadkhed	30937	29533	0	34690	25648		25000
CADA Beed		Sakol	41734	26854	0	56259	26854		25000
CADA Jalgaon		Manyad	20102	15964	9365	30480	9949		25000
CADA Jalgaon		Bhokarbari	11239	12159	10483	16239	4444		25000
CADA Jalgaon		Bori	15843	18738	10819	21251	9178		25000
CADA Abad		Ajantha Andhari	14104	23486	11248	23486	0		25000
CADA Beed		Mahasangvi	10351	8151	11278	15000	6433		25000
BIPC Buldhana		Mun	11214	7824	11518	27419	7824		25000
CADA Beed		Belpara	15195	16383	13114	25870	2872		25000
CADA Beed		Bindusara	10072	15000	14480	15000	0		25000
CADA Jalgaon		Burai	17361	15241	15383	33415	13529		25000
AIC Akola		Mas	24406	15762	16794	26787	0		25000
NIC Nanded		Kundrala	19065	19112	17224	23563	15928		25000

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY - 2009-10	Past Max	Past Min	Avg Per	State Tar
BIPC Buldhana		Torna	9203	7655	17264	93372	7655		25000
CADA Abad		Masoli	39753	29119	17370	67083	16056		25000
AIC Akola		Uma	29101	0	17769	34971	0		25000
NIC Nanded		Kudala	31772	40032	17950	40032	21804		25000
CADA Jalgaon		Agnawati	27111	24590	18050	42447	21116		25000
CADA Nashik		Nagyasakya	20865	24026	18688	41252	17065		25000
CADA Abad		Khelna	15659	13773	18917	26992	8922		25000
CADA Abad		Girja	18871	21701	18982	21701	4393		25000
CADA Beed		Sindphana	21518	25938	19005	25938	15000		25000
CADA Abad		Kalyan Girja	19403	22898	19384	22898	15219		25000
CADA Jalgaon		Tondapur	22981	31938	20184	31938	7070		25000
CADA Abad		Karpara	15242	17787	21430	23909	12061		25000
CADA Abad		Purna Nevpur	0	0	22155	0	0		25000
CADA Abad		Lahuki	17204	17143	23945	19491	0		25000
CADA Abad		Anjana Palashi	0	0	24780	0	0		25000
CADA Abad		Sukhna	20940	21951	26625	29167	15823		25000
CADA Abad		Jui	15523	11392	26883	16306	0		25000
CADA Jalgaon		Rangawali	18233	18493	27065	24002	17464		25000
AIC Akola		Paldhag	27697	14177	27233	39523	0		25000
CADA Nashik		Haranbari	30710	31169	27910	34725	28625		25000
CADA Nashik		Kelzar	34656	27618	28029	59287	22764		25000
AIC Akola		Morna (Akola)	29855	22279	28178	49417	0		25000
AIC Akola		Nirguna	44275	31938	31981	77719	0		25000
CADA Jalgaon		Kanoli	12510	15236	33604	16768	8149		25000
CADA Beed		Kundlika	30374	25378	33721	34223	12061		25000
CADA Beed		Borna	33729	29419	33760	41857	22482		25000
CADA Jalgaon		Hiwara	15691	17974	37283	17974	5798		25000
CADA Beed		Bodhegaon	26369	16566	38703	41871	0		25000
CADA Beed		Saraswati	26376	24875	40292	28914	0		25000
CADA Beed		Wan (Beed)	27765	5555	41361	57365	5555		25000
CADA Abad		Galhati	26794	25949	41725	32206	22918		25000
AIC Akola		Shahanoor	154546	15019	42531	362176	15019		25000
CADA Beed		Renapur	54281	36419	43414	64595	36419		25000
CADA Beed		Sangameshwar (Dokewadi)	32726	26002	44640	95458	17206		25000
CADA Abad		Gadadgad	31357	39609	52715	40341	20833		25000
CADA Beed		Raigavan	35812	50194	112500	58501	574		25000
CADA Abad	Normal	Bor Dahegaon	0	0	0	0	0	21750	25000
AIC Akola		Saikheda	42005	44652	0	45987	0		25000
CADA Abad		Narangi	0	0	0	0	0		25000
NIC Nanded		Nagzari	18543	27593	0	27593	8772		25000
NIC Nanded		Loni	17873	16930	0	22032	16867		25000
YIC Yavatmal		Adan	12017	61358	0	61358	0		25000
CIPC Chandrapur		Amal Nala	17015	13562	0	17971	0		25000
WIC Washim		Sonal	27109	0	0	31863	0		25000
YIC Yavatmal		Navargaon	17083	29865	0	29865	0		25000
CIPC Chandrapur		Chandai	23283	24500	2304	24547	21740		25000
NIC Nanded		Dongargaon (Nanded)	16731	19314	10200	20404	0		25000
CADA Jalgaon		Panzra	10853	11995	10251	41900	2277		25000
AIC Akola		Koradi	12010	11418	10273	22870	416		25000
CADA Nashik		Ghatshil Pargaon	16944	15202	10649	32007	0		25000
CADA Jalgaon		Malangaon	13623	12150	11709	24873	9123		25000
CADA Jalgaon		Karwand	15033	13884	14717	19771	11778		25000
CIPC Chandrapur		Pothra	24388	21458	16852	28279	21458		25000
CADA Abad		Ambadi	18454	18335	18764	19845	0		25000
CIPC Chandrapur		Panchadhara	21056	21348	18858	22916	17620		25000
CADA Nashik		Mand Ohol	23085	19697	19463	36922	11123		25000
WIC Washim		Ekburji	37015	36543	21325	40757	0		25000

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY - 2009-10	Past Max	Past Min	Avg Per	State Tar
CIPC Chandrapur		Dongargaon (Chandrapur)	26852	27621	23025	29989	21713		25000
CADA Abad		Kolhi	17207	20110	23052	20110	0		25000
PIC Pune		Nazare	33449	26179	23521	53533	19135		25000
CADA Nashik		Adhala	29852	17472	24857	54682	11099		25000
CADA Abad		Dheku	19055	20832	25742	20832	0		25000
AIC Akola		Borgaon	21484	75317	27106	75317	0		25000
AIC Abad		Shivna Takali	16635	16635	27956	16635	0		25000
AIC Akola		Lowerpus	32310	61585	28872	142459	0		25000
CADA Abad		Tembhapuri	0	0	28953	0	0		25000
CADA Nashik		Bhojapur	38508	27067	29018	56594	14019		25000
PIC Pune		Kasarsai	41153	34446	35495	59005	34446		25000
CADA Jalgaon		Aner	21482	31532	36185	31532	9255		25000
PIC Pune		Vadiwale	55860	52192	44591	75847	44978		25000
CADA Jalgaon		Suki	155063	137857	60701	830511	34749		25000
CADA Jalgaon		Abhora	62590	94725	71133	94725	15468		25000
CADA Nashik		Alandi	169838	85326	81810	375972	54485		25000
CIPC Chandrapur	Surplus	Labhansarad	12657	10543	1401	16400	10543	14285	31000
CIPC Chandrapur		Chargaon	17341	12662	2449	21201	12662		31000
CADA Nagpur		Khairbanda	7245	3190	4400	24395	3190		31000
CADA Nagpur		Chorakhmara	14295	9680	8800	22110	9680		31000
CADA Nagpur		Bodalkasa	11061	8800	8800	21888	6452		31000
CADA Nagpur		Mordham	9576	10155	9433	14133	5200		31000
CADA Nagpur		Chandrabhaga (Nagpur)	11455	10697	10151	14352	5889		31000
CADA Nagpur		Sangrampur	31156	3520	10560	94606	1448		31000
CADA Nagpur		Sorna	15677	7423	11254	22110	7423		31000
CADA Nagpur		Betekar Bothali	14708	7425	11254	22110	7425		31000
CADA Nagpur		Chandpur	47821	5183	11340	1240000	5183		31000
CADA Nagpur		Managadh	13687	9391	11440	24395	7245		31000
CADA Nagpur		Bagheda	16802	10508	11930	23450	10508		31000
CADA Nagpur		Rengepar	43945	5736	13200	139391	5736		31000
CADA Nagpur		Pandhrabodi	7706	0	13914	12586	0		31000
CADA Nagpur		Chulband	17053	15400	15400	26218	9912		31000
CADA Nagpur		Kolar	13769	11459	15537	18692	333		31000
CADA Nagpur		Umri	13438	16096	16025	17757	6715		31000
CADA Nagpur		Khekranala	9728	10485	19639	19118	2677		31000
CADA Nagpur		Wunna	31457	67500	20388	67500	18938		31000
CADA Nagpur		Makardhokada-Saiki Complex	8421	496	28878	13059	496		31000
CADA Nagpur		Kesarnala	12260	17019	58066	17019	6439		31000
CADA Nagpur		Kanholibara	12071	7296	2128045	22561	7296		31000
CIPC Chandrapur	Abundant	Naleshwar	24287	24500	2450	24500	23659	34027	40000
CIPC Chandrapur		Ghorazari	24262	24500	2450	24500	20946		40000
NKIPC Thane		Hetwane	9071	7755	7350	11635	7241		40000
TIC Thane		Wandri	14237	0	14559	18300	0		40000
TIC Thane		Rajanala	42575	70989	30145	70989	30		40000
SIC Sangli		Jangamhatti	44552	0	33379	59021	32604		40000
SIC Sangli		Chitri	40869	0	41510	43177	18659		40000
SIC Sangli		Kumbhi	55044	45624	45617	87593	42426		40000
KIC Ratnagiri		Natuwadi	34856	28771	46885	98571	26368		40000
SIC Sangli		Chikotra	52830	49190	49216	71274	42039		40000
SIC Sangli		Kadavi	42578	60662	51323	60662	28238		40000
SIC Sangli		Kasari	35932	59819	56177	59819	797		40000
SIC Sangli		Patgaon	58924	52821	61284	94776	44160		40000

Note: Figures in red are not considered for calculating average performance.

Indicator IV: Output per Unit Irrigation Water Supply Rs. /cum

Highly Deficit Plan Group:

CADA Beed: Average output/cum of water supply in projects under this circle has increased from to Rs1.69 (2008-09) to 3.68, which is above the State norms. Khandala project has the highest output Rs11.97/cum having 51% perennial crops.

PIC Pune: The output per unit water supplied is much better in all the seven projects under this circle & it is above State target. In Sina project, there is increase from Rs. 2.16 to Rs. 5.62/cum.

CADA Solapur: - The average output per unit of water supplied of medium projects in this circle is Rs 9.44/cum.

Deficit Plan group:

AIC Akola: Output per unit water supply is less than last year and state target.

NIC Nanded: The Average output/cum in projects under this circle has decreased from Rs 4.55 to 3.43 per cum still above the state norms. Kundrala project has the maximum output of Rs 8.09/cum. Kudala has output of Rs 1.84/cum.

CADA Beed: The Average output/cum of water supply in projects under this circle has increased from Rs 3.88 to 4.01/cum which is above the state norms. Raigavan have maximum output/cum i.e. Rs. 12.40/cum in this year as against Rs. 6.96/cum last year, this is due to 100% perennial crops irrigated (40ha. & 0.363 Mcum of water) with reservoir lift in HW season as protective water supply, as there is low availability in this year.

BIPC Buldhana: Output per unit water supply is increased over last year and it is above target.

CADA Nashik: The performance of all projects is above state target since last two years except Ghatshil Pargaon (Rs2.42 /cum).

CADA Aurangabad: The Average output/cum in projects under this circle has increased from Rs 5.81 to 6.73/cum which is above the state norms. Jui project has the max. output of Rs.19.05 /cum. Gadadgad has output of Rs17.72/cum. Girija has the lowest output i.e. 1.41/cum, Pir kalyan has no output for this year, where as in Masoli though there is out put of Rs.39.95lakh as this area being irrigated with wells & nallas in command.

CADA Jalgaon: Output per unit irrigation water supply is above state target since last two years except Manyad (Rs.2.76/cum).

Normal Plan Group:

NIC Nanded: The Average output/cum in projects under this circle has decreased from Rs.3.38 & comes to Zero, as there is no water supplied for irrigation due to low availability & being reserved for domestic purpose.

AIC Aurangabad: The average performance has increased from Rs1.19 to 2.22/cum.

CIPC Chandrapur: Average output per cum of water supply is less than state average and it is less than previous year value.

AIC Akola: Output per unit water supply increased over last year and it is above State target.

WIC Washim: Per unit water supply decreased over last year, but it is above the target.

CADA Aurangabad: The Average output/cum in projects under this circle has increased from Rs. 3.97 to 7.88/cum which is above state norms. Dheku has highest output of Rs 10.16/cum.

PIC Pune: Performance of all the three projects is above State target due to more area under cash crops.

CADA Nashik: All the projects expect Mandohol project (Rs 2.18/cum)) have achieved the state target. Over all output in this year is Rs.15.85/cum.

CADA Jalgaon: The overall performance is improved from Rs10.42/cum (2008-09) to Rs 17.35 /cum (2009-10) and it is above state norm.

Surplus Plan Group:

CIPC Chandrapur: Average output per cum of water supply very much less than the state norm and it is decreased over the last year value.

CADA Nagpur: Average output per cum of water supply is improved over last year value. It is about 75% of the state norm.

Abundant Plan Group:

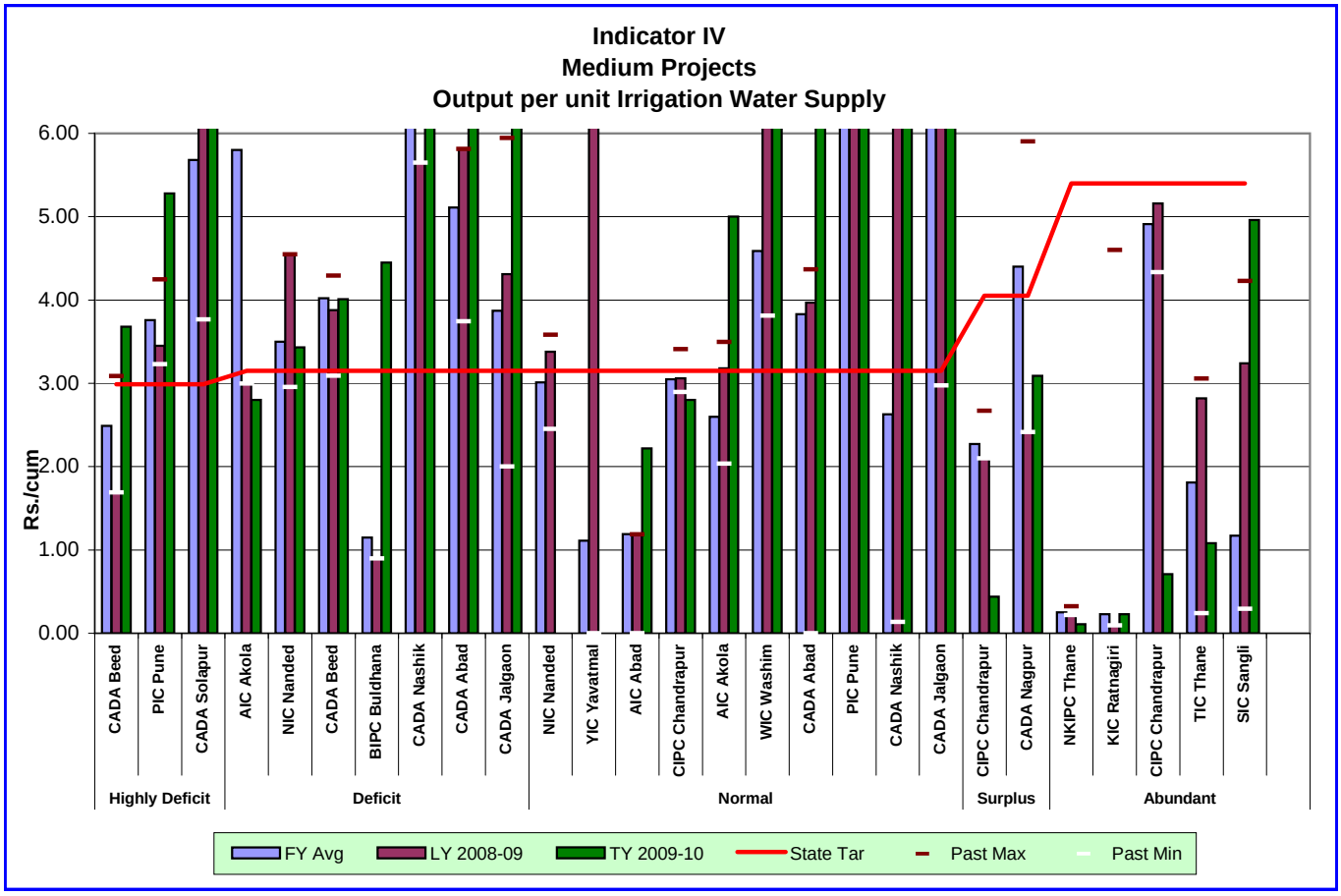
NKIPC Thane: In Hetawane project, the output reduced from Rs. 0.22 to Rs. 0.11/cum. It is far below the State target. It is due to exces quantity of water use and less production.

KIC Ratnagiri: In Natuwadi Project the output per unit water supply is very low i.e. Rs. 0.23/cum as compared to State norms. However, there is improvement over last year. It is due to excess quantity of water use and leakages through canal system.

CIPC Chandrapur: Average output per cum of water supply is very much less than the state norm and it decreased over the last year value.

TIC Thane: Output per unit irrigation water supplied in Rajnalla Complex & Wandri is Rs. 3.06 per cum. Though it improved over last year (Rs.2.82/cum), it is still lower than State target.

SIC Sangli: -The average output per unit irrigation water supplied of six medium projects in this circle is Rs.4.23/Cum. It is more than the last year's value & lower than State norm.



Plangroup	Circle	FY Avg	LY 2008-0	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Beed	2.49	1.69	3.68	3.09	1.69	4.48	2.99
	PIC Pune	3.76	3.45	5.28	4.25	3.23		2.99
	CADA Solapur	5.68	6.68	7.79	9.44	3.77		2.99
Deficit	AIC Akola	5.80	3.00	2.80	6.77	3.00	4.20	3.15
	NIC Nanded	3.50	4.55	3.43	4.55	2.95		3.15
	CADA Beed	4.02	3.88	4.01	4.29	3.09		3.15
	BIPC Buldhana	1.15	0.90	4.45	17.17	0.90		3.15
	CADA Nashik	6.55	5.65	6.33	7.88	5.65		3.15
	CADA Abad	5.11	5.81	6.73	5.81	3.74		3.15
	CADA Jalgaon	3.87	4.31	7.33	5.94	2.00		3.15
Normal	NIC Nanded	3.01	3.38	0.00	3.58	2.45	3.34	3.15
	YIC Yavatmal	1.11	8.42	0.00	8.42	0.00		3.15
	AIC Abad	1.19	1.19	2.22	1.19	0.00		3.15
	CIPC Chandrapur	3.05	3.06	2.80	3.41	2.90		3.15
	AIC Akola	2.60	3.18	5.00	3.50	2.03		3.15
	WIC Washim	4.59	9.76	7.05	9.76	3.81		3.15
	CADA Abad	3.83	3.97	7.88	4.37	0.00		3.15
	PIC Pune	7.91	9.47	8.10	9.47	6.02		3.15
	CADA Nashik	2.63	12.10	15.85	43.53	0.13		3.15
	CADA Jalgaon	8.94	10.42	17.35	15.85	2.97		3.15
Surplus	CIPC Chandrapur	2.27	2.10	0.44	2.67	2.10	1.77	4.05
	CADA Nagpur	4.40	2.41	3.09	5.90	2.41		4.05
Abundant	NKIPC Thane	0.25	0.22	0.11	0.32	0.22	1.44	5.40
	KIC Ratnagiri	0.23	0.09	0.23	4.60	0.09		5.40
	CIPC Chandrapur	4.91	5.16	0.71	6.26	4.33		5.40
	TIC Thane	1.81	2.82	1.08	3.06	0.24		5.40
	SIC Sangli	1.17	3.24	4.96	4.23	0.29		5.40

Note: Figures in red are not considered for calculating average performance.

Indicator IV
Medium Projects
Output per unit Irrigation Water Supply

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed	Highly Deficit	Turori	6.59	2.38	0.00	11.86	2.38	3.55	2.99
CADA Beed		Jakapur	5.60	0.00	0.00	6.64	0.00		2.99
CADA Beed		Kambli	0.81	0.81	0.61	1.66	0.00		2.99
CADA Beed		Kadi	1.12	1.42	0.95	1.42	0.00		2.99
CADA Beed		Talwar	1.33	2.05	1.03	2.05	0.05		2.99
CADA Beed		Kada	1.16	0.76	1.23	2.03	0.09		2.99
CADA Beed		Mehakari	1.34	2.37	1.77	2.37	0.00		2.99
CADA Beed		Benitura	2.44	1.59	2.45	4.38	1.59		2.99
PIC Pune		Mhaswad	4.68	3.21	3.11	10.76	3.21		2.99
CADA Beed		Chandani	3.01	1.27	3.15	19.48	0.00		2.99
CADA Beed		Kurnoor	1.57	1.13	3.55	2.35	1.13		2.99
CADA Beed		Rooty	0.62	1.19	3.68	1.19	0.00		2.99
CADA Beed		Sakat	3.26	7.76	3.94	7.76	0.00		2.99
CADA Beed		Khasapur	3.89	1.81	4.49	4.89	0.00		2.99
CADA Beed		Banganga	1.94	1.48	4.52	5.22	1.23		2.99
PIC Pune		Khairy	4.11	5.50	4.55	7.92	2.36		2.99
CADA Solapur		Mangi	4.00	4.90	4.92	8.09	3.02		2.99
CADA Beed		Ramganga	2.48	2.78	5.18	3.70	1.58		2.99
CADA Beed		Harni	2.59	1.35	5.20	4.00	1.35		2.99
CADA Beed		Khandeshwar	2.82	1.65	5.54	3.99	1.65		2.99
CADA Solapur		Budhihal	9.02	7.31	5.57	108.47	5.68		2.99
PIC Pune		Sina	2.03	2.16	5.62	2.49	1.01		2.99
PIC Pune		Tisangi	4.81	5.30	6.14	5.30	2.70		2.99
CADA Solapur		Jawalgaon	4.66	5.78	6.72	10.57	2.92		2.99
PIC Pune		Nher	5.23	0.00	7.98	18.94	0.00		2.99
PIC Pune		Andhali	3.35	0.00	9.23	5.14	0.00		2.99
CADA Solapur		Hingani (Pangaon)	6.37	10.66	9.36	10.66	1.95		2.99
CADA Beed		Khandala	4.74	10.97	11.97	10.97	2.82		2.99
PIC Pune		Ranand	8.07	14.64	13.34	14.64	3.69		2.99
CADA Solapur		Ekrukh	10.35	7.29	14.33	121.59	6.25		2.99
CADA Abad	Deficit	Pir Kalyan	6.97	6.38	0.00	11.99	0.00	3.23	3.15
CADA Abad		Dhamna	5.40	8.25	0.00	8.25	0.00		3.15
CADA Beed		Terna	4.80	4.33	0.00	6.45	1.57		3.15
CADA Beed		Tawarja	5.54	3.63	0.00	7.95	3.63		3.15
CADA Beed		Gharni	3.74	3.12	0.00	4.71	3.12		3.15
CADA Abad		Jivrekha	2.97	3.21	0.00	4.40	1.35		3.15
CADA Beed		Whati	3.74	5.94	0.00	19.42	2.90		3.15
CADA Beed		Rui	3.55	7.52	0.00	7.52	1.27		3.15
CADA Beed		Tiru	4.68	6.23	0.00	6.23	3.76		3.15
CADA Abad		Masoli	3.79	3.12	0.00	6.44	1.81		3.15
AIC Akola		Uma	4.04	0.00	0.00	5.11	0.00		3.15
CADA Beed		Masalga	18.02	5.22	0.00	52.74	0.00		3.15
AIC Akola		Dnyanganga	3.58	2.10	0.00	5.18	0.00		3.15
CADA Beed		Sakol	6.03	5.52	0.00	7.29	5.34		3.15
CADA Jalgaon		Tondapur	152.59	0.00	0.00	175.42	0.00		3.15
NIC Nanded		Pethwadaj	2.07	8.30	0.00	8.30	1.76		3.15
NIC Nanded		Mahalingi	2.48	2.85	0.00	2.85	0.00		3.15
CADA Beed		Devarjan	5.68	3.91	0.00	8.27	3.91		3.15
NIC Nanded		Karadkhed	4.98	5.08	0.00	6.58	3.96		3.15
CADA Beed		Belpara	0.94	2.17	0.75	2.17	0.13		3.15
AIC Akola		Shahanoor	16.85	2.50	1.66	21.78	2.50		3.15
CADA Beed		Bindusara	1.07	1.41	1.71	1.41	0.00		3.15
NIC Nanded		Kudala	4.60	4.58	1.84	6.08	3.08		3.15
CADA Beed		Mahasangvi	1.39	1.55	1.89	2.03	0.67		3.15
CADA Abad		Girja	7.85	6.00	2.26	11.02	0.53		3.15
CADA Beed		Renapur	5.70	3.83	2.61	6.36	1.47		3.15
CADA Jalgaon		Manyad	3.85	2.68	2.76	6.04	1.29		3.15

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed		Borna	3.46	2.32	2.89	6.30	2.08		3.15
CADA Jalgaon		Bori	2.89	3.40	3.28	21.31	0.92		3.15
CADA Beed		Sindphana	5.03	8.66	3.32	8.66	1.97		3.15
CADA Beed		Saraswati	3.55	3.21	3.35	4.73	0.00		3.15
CADA Beed		Wan (Beed)	2.29	0.45	3.57	4.27	0.45		3.15
CADA Beed		Bodhegaon	2.60	2.70	3.61	3.23	0.00		3.15
CADA Nashik		Nagyasakya	4.01	3.54	3.63	5.03	3.31		3.15
AIC Akola		Nirguna	3.89	4.62	4.09	6.06	0.00		3.15
CADA Abad		Khelna	11.14	0.00	4.15	43.33	0.00		3.15
CADA Abad		Purna Nevpur	0.00	0.00	4.36	0.00	0.00		3.15
CADA Beed		Kundlika	3.49	3.67	4.39	5.56	1.59		3.15
CADA Abad		Karpara	2.32	5.53	4.48	5.53	1.49		3.15
CADA Abad		Anjana Palashi	0.00	0.00	4.76	0.00	0.00		3.15
AIC Akola		Paldhag	3.07	1.53	5.75	3.80	0.00		3.15
AIC Akola		Mas	2.55	1.91	6.69	2.91	0.00		3.15
CADA Jalgaon		Burai	3.64	5.06	7.14	5.06	2.80		3.15
CADA Nashik		Haranbari	6.74	6.93	7.35	7.21	5.32		3.15
CADA Nashik		Kelzar	9.41	6.04	7.49	18.95	6.04		3.15
CADA Beed		Sangameshwar (Dokewadi)	4.03	4.56	7.69	5.50	2.71		3.15
CADA Abad		Lahuki	10.52	16.22	7.72	16.22	0.00		3.15
NIC Nanded		Kundrala	3.50	3.61	8.09	5.17	3.37		3.15
CADA Abad		Galhati	3.99	4.68	8.70	4.68	1.44		3.15
BIPC Buldhana		Torna	1.00	0.84	8.77	22.48	0.84		3.15
AIC Akola		Morna (Akola)	2.46	4.90	9.06	4.90	0.00		3.15
CADA Jalgaon		Rangawali	4.65	5.60	9.39	5.89	3.14		3.15
BIPC Buldhana		Mun	1.06	0.91	9.67	42.50	0.91		3.15
CADA Jalgaon		Bhokarbari	2.67	4.07	10.18	6.03	1.14		3.15
CADA Abad		Ajantha Andhari	3.90	23.82	10.33	23.82	0.00		3.15
CADA Abad		Sukhna	8.88	9.28	10.50	11.56	1.27		3.15
CADA Beed		Raigavan	5.19	6.96	12.40	16.67	0.47		3.15
CADA Jalgaon		Agnawati	20.28	8.76	14.17	53.31	0.00		3.15
CADA Abad		Kalyan Girja	5.39	5.69	15.59	7.33	3.31		3.15
CADA Abad		Gadadgad	11.20	15.78	18.08	15.78	4.87		3.15
CADA Abad		Jui	7.89	0.00	19.05	7.90	0.00		3.15
CADA Jalgaon		Kanoli	2.84	3.28	22.48	3.39	1.86		3.15
CADA Jalgaon		Hiwara	9.69	7.73	24.12	20.85	0.82		3.15
NIC Nanded	Normal	Nagzari	3.50	4.69	0.00	4.91	1.92	3.85	3.15
YIC Yavatmal		Navargaon	2.20	3.72	0.00	3.72	0.00		3.15
CIPC Chandrapur		Amal Nala	3.30	2.40	0.00	3.72	0.00		3.15
CADA Abad		Bor Dahegaon	0.00	0.00	0.00	0.00	0.00		3.15
CADA Abad		Narangi	0.00	0.00	0.00	0.00	0.00		3.15
AIC Akola		Saikheda	3.14	2.41	0.00	4.26	0.00		3.15
NIC Nanded		Loni	3.60	2.77	0.00	4.03	2.77		3.15
NIC Nanded		Dongargaon (Nanded)	2.05	2.72	0.00	2.72	0.00		3.15
YIC Yavatmal		Adan	0.99	14.89	0.00	14.89	0.00		3.15
CIPC Chandrapur		Chandai	4.36	5.90	0.73	5.90	2.92		3.15
CIPC Chandrapur		Panchadhara	2.01	2.15	1.67	2.51	1.79		3.15
WIC Washim		Sonal	4.76	0.00	1.70	6.35	0.00		3.15
CIPC Chandrapur		Pothra	2.72	2.81	1.76	3.16	2.45		3.15
CADA Nashik		Mand Ohol	1.88	1.97	2.18	2.72	0.85		3.15
AIC Abad		Shivna Takali	1.19	1.19	2.22	1.19	0.00		3.15
CADA Nashik		Ghatshil Pargaon	3.21	2.95	2.42	6.87	0.00		3.15
CADA Abad		Dheku	11.05	10.16	4.03	11.80	0.00		3.15
CADA Jalgaon		Karwand	5.45	4.25	4.28	10.84	1.72		3.15
AIC Akola		Lowerpus	2.48	3.44	4.33	3.44	0.00		3.15
CADA Abad		Ambadi	7.00	3.42	4.63	185.55	0.00		3.15
CADA Nashik		Adhala	6.17	2.58	4.70	12.31	1.80		3.15

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Jalgaon		Malangaon	5.10	4.42	5.27	8.83	1.40		3.15
CIPC Chandrapur		Dongargaon (Chandrapur)	3.54	4.74	5.35	10.66	2.59		3.15
CADA Abad		Kolhi	5.05	3.84	5.64	15.06	0.00		3.15
PIC Pune		Kasarsai	6.05	7.38	5.94	9.48	4.43		3.15
PIC Pune		Nazare	8.28	8.47	6.18	10.35	5.21		3.15
CADA Jalgaon		Panzra	5.51	5.80	6.22	7.41	1.48		3.15
WIC Washim		Ekburji	4.24	9.76	7.33	9.76	0.00		3.15
CADA Nashik		Bhojapur	0.28	3.94	9.06	9.38	0.07		3.15
AIC Akola		Koradi	2.11	2.60	10.27	3.85	0.04		3.15
PIC Pune		Vadiwale	8.70	10.75	10.70	10.75	6.14		3.15
CADA Abad		Tembhapuri	0.00	0.00	14.66	0.00	0.00		3.15
CADA Jalgaon		Aner	3.77	4.78	15.87	5.21	1.72		3.15
AIC Akola		Borgaon	3.79	11.57	23.49	11.57	0.00		3.15
CADA Jalgaon		Suki	23.76	22.49	32.54	48.03	1.37		3.15
CADA Nashik		Alandi	4.57	35.03	44.38	153.59	0.07		3.15
CADA Jalgaon		Abhora	33.23	41.18	90.30	60.79	2.19		3.15
CIPC Chandrapur	Surplus	Labhansarad	2.26	2.43	0.40	2.43	2.17	3.33	4.05
CIPC Chandrapur		Chargaon	2.17	1.99	0.45	2.76	1.99		4.05
CADA Nagpur		Khekranala	0.61	1.16	0.74	1.95	0.25		4.05
CADA Nagpur		Kolar	2.28	2.06	1.05	2.97	0.17		4.05
CADA Nagpur		Chandrabhaga (Nagpur)	1.92	0.94	1.15	2.30	0.94		4.05
CADA Nagpur		Mordham	1.51	1.73	1.61	1.73	1.32		4.05
CADA Nagpur		Kesarnala	1.69	2.11	1.91	4.67	1.17		4.05
CADA Nagpur		Pandhrabodi	1.70	0.00	2.10	3.63	0.00		4.05
CADA Nagpur		Umri	1.90	2.20	2.64	2.20	1.53		4.05
CADA Nagpur		Khairbanda	3.82	1.91	2.87	9.10	1.91		4.05
CADA Nagpur		Bodalkasa	3.69	3.52	3.02	5.90	1.78		4.05
CADA Nagpur		Managadh	2.80	1.45	3.05	6.55	1.45		4.05
CADA Nagpur		Betekar Bothali	3.94	3.71	3.65	5.06	3.28		4.05
CADA Nagpur		Rengepar	13.34	1.50	3.68	50.66	1.50		4.05
CADA Nagpur		Sangrampur	11.01	1.42	3.76	32.82	0.44		4.05
CADA Nagpur		Chulband	3.54	3.56	3.79	8.28	1.90		4.05
CADA Nagpur		Chorakhmara	5.37	3.73	3.98	6.63	3.73		4.05
CADA Nagpur		Kanholibara	1.76	1.12	4.40	3.22	1.12		4.05
CADA Nagpur		Sorna	4.28	2.02	4.69	6.70	2.02		4.05
CADA Nagpur		Wunna	3.73	16.59	5.94	17.26	3.08		4.05
CADA Nagpur		Chandpur	25.73	2.73	6.58	620.00	2.73		4.05
CADA Nagpur		MakardhokadaSaiki Complex	1.30	0.13	7.41	2.33	0.13		4.05
CADA Nagpur		Bagheda	7.89	7.18	7.72	16.50	5.35		4.05
NKIPC Thane	Abundant	Hetwane	0.25	0.22	0.11	0.32	0.22	2.77	5.40
KIC Ratnagiri		Natuwadi	0.20	0.09	0.23	4.60	0.09		5.40
TIC Thane		Wandri	0.42	0.00	0.38	0.66	0.00		5.40
CIPC Chandrapur		Ghorazari	4.59	4.86	0.59	7.25	4.17		5.40
CIPC Chandrapur		Naleshwar	4.70	5.93	1.21	5.93	3.50		5.40
SIC Sangli		Kumbhi	0.20	2.26	2.29	5.75	0.04		5.40
TIC Thane		Rajanala	3.27	5.31	2.94	5.32	0.00		5.40
SIC Sangli		Patgaon	3.06	2.29	3.63	4.95	2.29		5.40
SIC Sangli		Jangamhatti	5.44	0.00	3.97	6.88	3.42		5.40
SIC Sangli		Kadavi	3.24	4.61	4.17	4.61	2.19		5.40
SIC Sangli		Kasari	2.63	4.15	5.22	12.09	0.06		5.40
SIC Sangli		Chitri	5.43	0.00	5.53	6.51	3.04		5.40
SIC Sangli		Chikotra	4.99	4.35	5.70	6.96	2.69		5.40
Note: Figures in red are not considered for calculating average performance.									

Indicator V: Cost Recovery ratio

Highly Deficit Plan group:

PIC Pune: The performance of all projects except Tisangi improved over last year.

CADA Beed: The average ratio has increased from 0 to 0.23 compared to last year. The projects namely Turori, Kurnoor & Benitura having ratio 0.88, 0.66 & 0.51 respectively. The rest of the projects have very less recovery.

CADA Solapur: Cost recovery ratio is 0.32 it is below the State norm.

Deficit Plan group:

NIC Nanded: The average ratio has decreased from 0.15 to 0.08 compared to last year. Recovery is very low in all the projects, the maximum ratio seen in Karadkhed i.e.0.11.

CADA Aurangabad: The average ratio has decreased from 0.52 to 0.12 as compared to last year. There is very low performance in most of the projects this year. Karpara and Masoli has the maximum ratio of 0.42 & 0.38 respectively in this year.

AIC Akola: Due to heavy expenditure on Morna and Nirguna and very less recovery in Uma and Mas projects Cost Recovery Ratio is very much less than State norm.

CADA Jalgaon: The cost recovery ratio reduced from 0.34 (2008-09) to 0.22 (2009-10) and it is much below the state norm. More attention is required to be given by the field officers in case of all the projects to improve the performance.

CADA Beed: The average ratio has increased from 0.02 to 0.25. Rui & Borna project has maximum ratio of 1.33 & 1.12 due to Rs. 5.75 & 33.55 lakh NI recovery in this year with lesser expenditure on O & M cost.

CADA Nashik: The overall cost recovery ratio reduced from 0.41 (2008-09) to 0.38 (2009-10). Specifically in Ghatshil Pargaon & Nagyasakya projects, much improvement is required as the ratio is only 0.03 in both the projects.

BIPC Buldhana: Due to less recovery in Torna and more expenditure in Utawali project cost recovery ratio is less than norm.

Normal Plan group:

AIC Aurangabad: The average performance of this plan group is zero for this circle.

CADA Nashik: The ratio is just improved from 0.05 (2008-09) to 0.057 (2009-10). There is much scope to improve the performance in all the projects. Field officers are required to take necessary actions in this regard.

NIC Nanded: The average ratio has increased from 0.03 to0.05. Nagzari project having the maximum ratio of 0.13.

CADA Aurangabad: The average ratio has decreased from 0.38 to 0.16. Narangi project having the maximum ratio of 0.60 in this plan group though it is still below the state target.

CADA Jalgaon: Overall performance lowered from 0.18 (2008-09) to 0.17 (2009-10) which is much below the state target. Efforts are required to improve the performance of all the projects as the indicator values in case of Abhora, Aner,

Karwand, Malangaon, Panzra & Suki projects are 0.12, 0.24, 0.2, 0.08, 0.15 & 0.15 respectively.

AIC Akola: Due to very less recovery in Koradi and heavy expenditure in Lower Pus projects Cost recovery ratio is very much less than norm.

WIC Washim: Due to very less recovery in Sonal project, cost recovery ratio is less than target.

CIPC Chandrapur: Cost recovery ratio of projects under this circle is less than last year value and less than required value of one. This is so, because recovery of four projects out of five projects is very less.

PIC Pune: In Nazare & Wadiwale projects the value is more than the State target. In Kasarsai project, the performance is far below & declined over last year.

Surplus Plan Group:

CIPC Chandrapur: Cost recovery ratio is very much less than the state norm because recovery is very less.

CADA Nagpur: Cost recovery ratio of this circle is improved because of recovery in Wunna project to the tune of Rs. 515 lakh.

Abundant Plan Group:

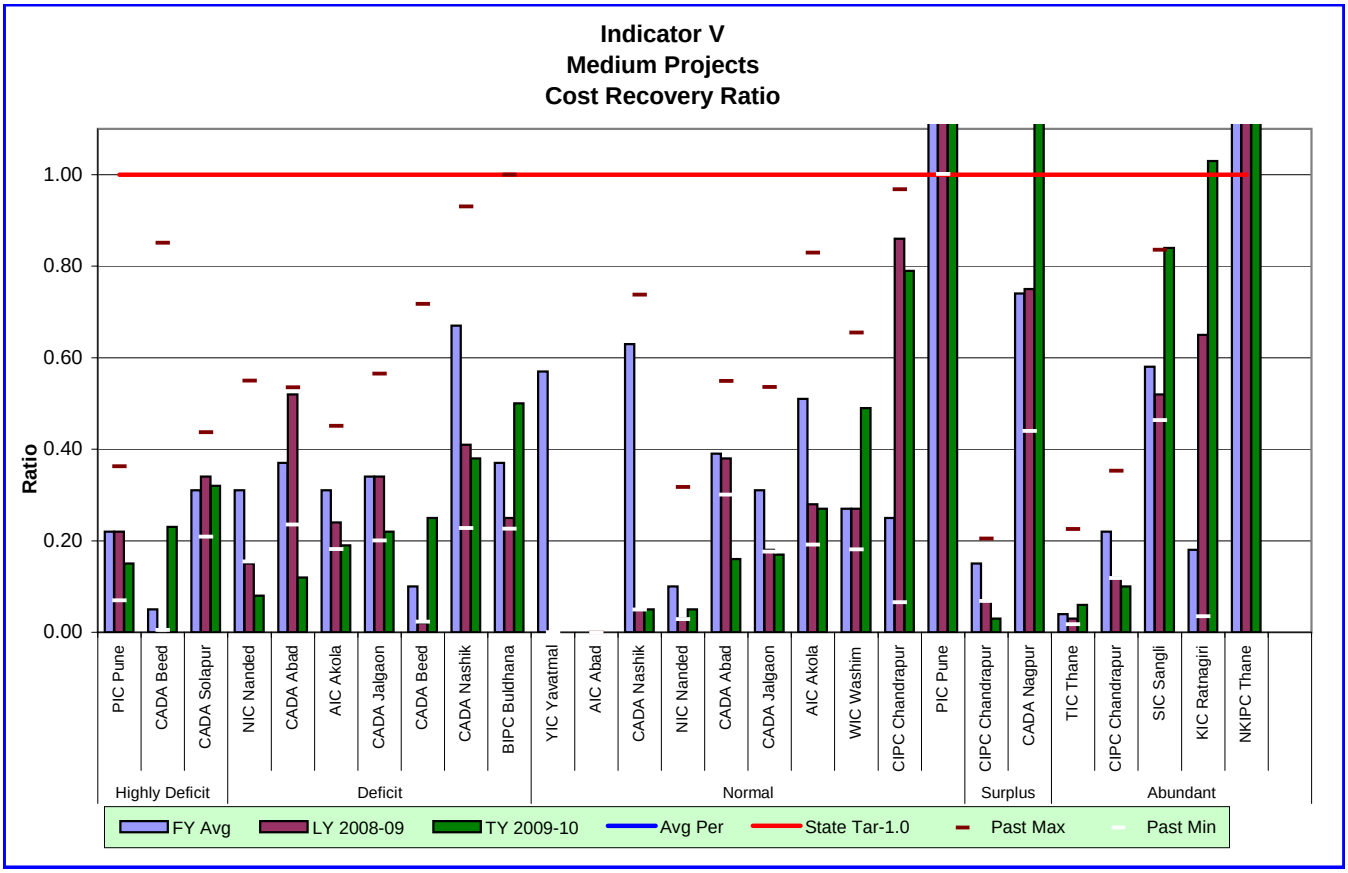
TIC Thane: Cost recovery ratio is 0.06 compared with the last year there is slight improvement

CIPC Chandrapur: Cost recovery ratio is very much less than the state norm because recovery is very less.

SIC Sangli: Cost recovery ratio is 0.84 similar to last year.

KIC Ratnagiri: In Natuwadi Project cost recovery ratio is very good i.e. 1.03. The performance improved as compared to last year i.e. 0.65.

NKIPC Thane: In Hetwane project cost recovery ratio is 9.96 this year. It is due to good non-irrigation recovery.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	PIC Pune	0.22	0.22	0.15	0.36	0.07	0.23	1
	CADA Beed	0.05	0.00	0.23	0.85	0.00		1
	CADA Solapur	0.31	0.34	0.32	0.44	0.21		1
Deficit	NIC Nanded	0.31	0.15	0.08	0.55	0.15	0.25	1
	CADA Abad	0.37	0.52	0.12	0.54	0.24		1
	AIC Akola	0.31	0.24	0.19	0.45	0.18		1
	CADA Jalgaon	0.34	0.34	0.22	0.56	0.20		1
	CADA Beed	0.10	0.02	0.25	0.72	0.02		1
	CADA Nashik	0.67	0.41	0.38	0.93	0.23		1
	BIPC Buldhana	0.37	0.25	0.50	1.00	0.23		1
Normal	YIC Yavatmal	0.57	0.00	0.00	1.45	0.00		1
	AIC Abad	0.00	0.00	0.00	0.00	0.00		1
	CADA Nashik	0.63	0.05	0.05	0.74	0.05	0.37	1
	NIC Nanded	0.10	0.03	0.05	0.32	0.03		1
	CADA Abad	0.39	0.38	0.16	0.55	0.30		1
	CADA Jalgaon	0.31	0.18	0.17	0.54	0.18		1
	AIC Akola	0.51	0.28	0.27	0.83	0.19		1
	WIC Washim	0.27	0.27	0.49	0.65	0.18		1
	CIPC Chandrapur	0.25	0.86	0.79	0.97	0.07		1
	PIC Pune	1.57	2.28	2.49	3.36	1.00		1
Surplus	CIPC Chandrapur	0.15	0.07	0.03	0.20	0.07	0.52	1
	CADA Nagpur	0.74	0.75	1.45	1.45	0.44		1
Abundant	TIC Thane	0.04	0.03	0.06	0.23	0.02	0.60	1
	CIPC Chandrapur	0.22	0.12	0.10	0.35	0.12		1
	SIC Sangli	0.58	0.52	0.84	0.84	0.46		1
	KIC Ratnagiri	0.18	0.65	1.03	1.51	0.03		1
	NKIPC Thane	6.75	5.05	9.96	9.00	5.05		1
Note: Zero value is excluded and values exceeding state target are considered as 1								

Indicator V
Medium Projects
Cost Recovery Ratio

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY-2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Beed	Highly Deficit	Jakapur	0.01	0.00	0.00	1.00	0.00	0.25	1.00
CADA Solapur		Budhihal	0.08	0.10	0.02	0.10	0.00		1.00
CADA Beed		Banganga	0.00	0.00	0.02	0.46	0.00		1.00
CADA Beed		Kada	0.10	0.09	0.02	0.65	0.06		1.00
CADA Beed		Talwar	0.09	0.04	0.03	0.21	0.04		1.00
CADA Beed		Ramganga	0.00	0.00	0.03	0.29	0.00		1.00
CADA Beed		Kambli	0.06	0.44	0.04	0.44	0.01		1.00
PIC Pune		Sina	0.04	0.06	0.05	0.07	0.01		1.00
CADA Beed		Sakat	0.00	0.00	0.06	0.28	0.00		1.00
CADA Beed		Kadi	0.14	0.53	0.07	0.53	0.00		1.00
PIC Pune		Khairy	0.05	0.08	0.08	0.08	0.03		1.00
CADA Beed		Khandeshwar	0.01	0.00	0.08	0.24	0.00		1.00
CADA Beed		Rooty	0.20	0.04	0.10	1.29	0.00		1.00
CADA Solapur		Hingani (Pangaon)	0.26	0.48	0.19	0.48	0.14		1.00
CADA Beed		Harni	0.14	0.26	0.19	0.46	0.00		1.00
CADA Solapur		Jawalgaon	0.25	0.32	0.20	0.32	0.21		1.00
CADA Beed		Mehakari	0.05	0.03	0.22	0.22	0.00		1.00
CADA Beed		Khasapur	0.00	0.00	0.30	0.38	0.00		1.00
PIC Pune		Mhaswad	0.25	0.40	0.37	1.00	0.04		1.00
CADA Beed		Khandala	3.32	0.24	0.39	15.83	0.17		1.00
CADA Beed		Chandani	0.05	0.00	0.43	0.93	0.00		1.00
CADA Beed		Benitura	0.65	0.79	0.51	2.68	0.05		1.00
CADA Solapur		Mangi	0.27	0.33	0.51	0.53	0.16		1.00
PIC Pune		Tisangi	1.33	1.94	0.51	2.65	0.49		1.00
CADA Solapur		Ekrukh	0.86	0.36	0.65	3.13	0.13		1.00
CADA Beed		Kurnoor	1.26	0.76	0.66	3.23	0.38		1.00
CADA Beed		Turori	0.67	0.00	0.88	1.90	0.00		1.00
PIC Pune		Ranand	0.07	0.12	1.18	0.18	0.03		1.00
PIC Pune		Nher	0.74	0.35	1.93	0.91	0.09		1.00
PIC Pune		Andhali	0.10	0.13	2.81	0.15	0.03		1.00
NIC Nanded	Deficit	Mahalingi	0.05	0.00	0.00	0.21	0.00	0.19	1.00
CADA Beed		Sindphana	0.30	0.27	0.00	0.50	0.13		1.00
CADA Abad		Dhamna	0.09	0.07	0.00	0.59	0.03		1.00
CADA Abad		Jivrekha	0.18	0.18	0.00	0.68	0.15		1.00
NIC Nanded		Pethwadaj	0.26	0.00	0.01	0.35	0.00		1.00
CADA Beed		Masalga	0.07	0.05	0.01	0.22	0.04		1.00
AIC Akola		Mas	0.10	0.09	0.01	0.22	0.05		1.00
AIC Akola		Uma	0.14	0.04	0.01	0.55	0.04		1.00
CADA Beed		Belpara	0.10	0.09	0.02	0.18	0.01		1.00
CADA Beed		Whati	0.50	0.52	0.02	0.79	0.34		1.00
AIC Akola		Nirguna	0.08	0.05	0.02	0.11	0.05		1.00
CADA Beed		Devarjan	0.27	0.13	0.03	0.54	0.13		1.00
CADA Beed		Sakol	1.23	0.20	0.03	4.15	0.20		1.00
CADA Beed		Bodhegaon	0.11	0.07	0.03	0.30	0.00		1.00
CADA Nashik		Nagyasakya	0.52	0.15	0.03	0.90	0.04		1.00
CADA Beed		Gharni	0.49	0.41	0.04	0.60	0.39		1.00
CADA Abad		Lahuki	0.15	0.33	0.04	0.33	0.00		1.00
CADA Abad		Galhati	0.06	0.16	0.04	0.17	0.04		1.00
AIC Akola		Morna (Akola)	0.09	0.07	0.05	0.28	0.06		1.00
AIC Akola		Paldhag	0.12	0.11	0.05	0.42	0.02		1.00
NIC Nanded		Kundrala	0.31	0.00	0.05	0.72	0.00		1.00
CADA Beed		Sangameshwar (Dokewadi)	0.32	0.35	0.05	0.53	0.20		1.00
CADA Jalgaon		Bhokarbari	0.17	0.16	0.05	0.35	0.04		1.00
CADA Beed		Saraswati	0.13	0.15	0.06	0.33	0.00		1.00
CADA Abad		Girja	0.33	0.59	0.06	0.64	0.04		1.00
CADA Abad		Gadadgad	0.30	0.00	0.08	0.59	0.00		1.00

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY-2009-10	Past Max	Past Min	Avg Per	StateTar
CADA Jalgaon		Kanoli	0.27	0.20	0.09	0.61	0.06		1.00
NIC Nanded		Kudala	0.15	0.00	0.09	0.58	0.00		1.00
CADA Abad		Ajantha Andhari	1.24	1.56	0.10	3.11	0.81		1.00
CADA Beed		Mahasangvi	0.10	0.12	0.10	0.21	0.07		1.00
CADA Abad		Kalyan Girja	0.30	0.18	0.10	0.51	0.15		1.00
CADA Abad		Anjana Palashi	0.63	16.25	0.11	16.25	0.00		1.00
NIC Nanded		Karadkhed	0.39	0.34	0.11	0.69	0.33		1.00
CADA Abad		Purna Nevpur	207.67	49.83	0.12	49.83	0.00		1.00
CADA Beed		Tiru	0.48	0.87	0.12	0.87	0.17		1.00
CADA Beed		Raigavan	0.00	0.00	0.16	0.37	0.00		1.00
CADA Abad		Jui	0.19	0.21	0.16	0.33	0.00		1.00
CADA Abad		Khelna	0.94	1.24	0.16	1.48	0.50		1.00
CADA Jalgaon		Hiwara	0.17	0.20	0.18	0.20	0.10		1.00
CADA Beed		Renapur	1.39	2.01	0.18	4.01	0.38		1.00
CADA Jalgaon		Agnawati	0.22	0.42	0.20	0.42	0.01		1.00
CADA Abad		Sukhna	0.33	0.28	0.23	0.48	0.06		1.00
CADA Jalgaon		Tondapur	0.33	0.21	0.25	0.58	0.13		1.00
CADA Jalgaon		Manyad	0.34	0.34	0.25	0.86	0.12		1.00
CADA Abad		Pir Kalyan	0.31	0.54	0.26	1.00	0.09		1.00
CADA Jalgaon		Bori	0.64	0.51	0.26	0.95	0.36		1.00
CADA Beed		Tawarja	0.57	0.54	0.27	0.73	0.28		1.00
CADA Jalgaon		Rangawali	0.41	0.46	0.33	0.46	0.00		1.00
CADA Jalgaon		Burai	0.19	0.13	0.33	0.33	0.13		1.00
CADA Beed		Kundlika	0.31	0.24	0.34	0.43	0.24		1.00
BIPC Buldhana		Torna	0.17	0.44	0.34	1.00	0.00		1.00
CADA Beed		Wan (Beed)	1.25	1.62	0.37	2.24	0.75		1.00
CADA Abad		Masoli	0.24	0.80	0.38	0.80	0.08		1.00
CADA Abad		Karpara	0.09	0.00	0.42	0.33	0.00		1.00
CADA Nashik		Kelzar	0.70	0.44	0.45	0.94	0.42		1.00
CADA Nashik		Haranbari	0.77	0.49	0.49	0.94	0.14		1.00
CADA Beed		Bindusara	0.61	0.09	0.51	3.44	0.09		1.00
BIPC Buldhana		Mun	0.33	0.23	1.00	1.00	0.23		1.00
AIC Akola		Dnyanganga	0.88	0.95	1.09	1.80	0.33		1.00
CADA Beed		Borna	0.17	0.47	1.12	0.47	0.01		1.00
AIC Akola		Shahanoor	0.81	1.36	1.13	1.36	0.38		1.00
CADA Beed		Terna	0.09	0.02	1.32	3.29	0.02		1.00
CADA Beed		Rui	0.01	0.00	1.33	9.08	0.00		1.00
CADA Abad	Normal	Bor Dahegaon	2.12	0.00	0.00	0.00	0.00	0.15	1.00
YIC Yavatmal		Adan	0.33	0.00	0.00	1.00	0.00		1.00
YIC Yavatmal		Navargaon	32.88	0.00	0.00	1.00	0.00		1.00
AIC Abad		Shivna Takali	0.00	0.00	0.00	0.00	0.00		1.00
AIC Akola		Borgaon	0.70	0.06	0.01	0.90	0.06		1.00
NIC Nanded		Loni	0.04	0.03	0.01	0.19	0.03		1.00
CIPC Chandrapur		Chandai	0.00	0.01	0.01	0.12	0.00		1.00
WIC Washim		Sonal	0.16	0.04	0.02	0.28	0.04		1.00
NIC Nanded		Dongargaon (Nanded)	0.07	0.01	0.02	0.19	0.01		1.00
CADA Nashik		Ghatshil Pargaon	0.05	0.06	0.03	0.06	0.00		1.00
CADA Nashik		Mand Ohol	0.07	0.05	0.03	0.15	0.02		1.00
CADA Abad		Dheku	0.23	0.09	0.04	1.00	0.07		1.00
CIPC Chandrapur		Pothra	0.10	0.09	0.05	0.16	0.09		1.00
CADA Nashik		Alandi	0.67	0.02	0.05	0.75	0.02		1.00
CADA Abad		Kolhi	0.18	0.06	0.06	0.53	0.00		1.00
CADA Nashik		Bhojapur	0.71	0.00	0.07	0.75	0.00		1.00
CIPC Chandrapur		Panchadhara	0.13	0.09	0.07	0.20	0.07		1.00
CADA Nashik		Adhala	0.19	0.10	0.08	0.26	0.10		1.00
CADA Jalgaon		Malangaon	0.47	0.15	0.08	1.13	0.12		1.00
CADA Jalgaon		Abhora	0.12	0.11	0.12	0.20	0.11		1.00
CIPC Chandrapur		Dongargaon (Chandrapur)	0.16	0.23	0.13	0.58	0.09		1.00

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY-2009-10	Past Max	Past Min	Avg Per	StateTar
NIC Nanded		Nagzari	0.36	0.00	0.13	0.81	0.00		1.00
AIC Akola		Koradi	0.31	0.15	0.15	0.51	0.15		1.00
AIC Akola		Lowerpus	0.62	0.44	0.15	0.93	0.12		1.00
CADA Abad		Ambadi	0.60	0.84	0.15	1.12	0.06		1.00
CADA Jalgaon		Suki	0.20	0.25	0.15	0.37	0.14		1.00
CADA Jalgaon		Panzra	0.55	0.16	0.15	1.05	0.16		1.00
AIC Akola		Saikheda	0.37	0.39	0.18	0.51	0.17		1.00
CADA Jalgaon		Karwand	0.27	0.12	0.21	0.95	0.12		1.00
CADA Jalgaon		Aner	0.41	0.29	0.24	0.57	0.28		1.00
PIC Pune		Kasarsai	0.41	0.52	0.25	0.60	0.18		1.00
CADA Abad		Tembhapuri	56.33	0.00	0.33	12.83	0.00		1.00
CADA Abad		Narangi	11.77	6.80	0.65	6.80	0.00		1.00
WIC Washim		Ekburji	0.43	0.76	0.84	0.76	0.25		1.00
PIC Pune		Vadiwale	1.57	2.74	3.10	7.01	0.11		1.00
CIPC Chandrapur		Amal Nala	2.59	7.43	3.32	7.43	0.85		1.00
PIC Pune		Nazare	4.58	3.71	4.22	5.20	3.71		1.00
CADA Nagpur	Surplus	Sangrampur	0.10	0.00	0.00	0.24	0.00	0.19	1.00
CADA Nagpur		Bagheda	0.03	0.01	0.00	0.06	0.01		1.00
CADA Nagpur		Chorakhmara	0.25	0.00	0.01	0.91	0.00		1.00
CIPC Chandrapur		Chargaon	0.15	0.07	0.03	0.31	0.07		1.00
CIPC Chandrapur		Labhansarad	0.13	0.07	0.03	0.19	0.07		1.00
CADA Nagpur		Betekar Bothali	0.08	0.04	0.06	0.15	0.02		1.00
CADA Nagpur		Managadh	0.10	0.01	0.08	0.30	0.01		1.00
CADA Nagpur		Sorna	0.11	0.05	0.08	0.22	0.01		1.00
CADA Nagpur		Chandpur	0.36	0.07	0.10	0.51	0.05		1.00
CADA Nagpur		Chulband	0.29	0.05	0.11	0.86	0.05		1.00
CADA Nagpur		Bodalkasa	0.34	0.03	0.12	0.79	0.03		1.00
CADA Nagpur		Khairbanda	0.32	0.05	0.13	5.56	0.05		1.00
CADA Nagpur		Rengepar	0.21	0.05	0.21	0.44	0.05		1.00
CADA Nagpur		Mordham	0.21	0.05	0.71	0.63	0.05		1.00
CADA Nagpur		Umri	0.29	0.39	0.82	0.40	0.21		1.00
CADA Nagpur		Kesarnala	0.40	0.36	1.11	0.66	0.22		1.00
CADA Nagpur		Chandrabhaga (Nagpur)	0.18	0.03	1.98	0.57	0.03		1.00
CADA Nagpur		Pandhrabodi	0.75	1.85	2.00	1.85	0.44		1.00
CADA Nagpur		Khekranala	0.42	1.14	2.42	1.14	0.07		1.00
CADA Nagpur		Makardhokada-Saiki Complex	0.64	1.17	2.93	1.17	0.20		1.00
CADA Nagpur		Kolar	0.94	0.70	3.05	2.02	0.67		1.00
CADA Nagpur		Kanholibara	0.41	0.15	17.62	6.56	0.15		1.00
CADA Nagpur		Wunna	3.97	22.36	18.38	43.47	0.98		1.00
CIPC Chandrapur	Abundant	Naleshwar	0.13	0.05	0.02	0.27	0.05	0.29	1.00
TIC Thane		Rajanala	0.03	0.02	0.04	0.23	0.02		1.00
SIC Sangli		Kasari	0.23	0.40	0.05	0.40	0.17		1.00
CIPC Chandrapur		Ghorazari	0.31	0.18	0.16	0.54	0.18		1.00
SIC Sangli		Kadavi	0.31	0.40	0.21	0.62	0.21		1.00
TIC Thane		Wandri	0.02	0.03	0.21	0.20	0.01		1.00
SIC Sangli		Chikotra	0.50	0.54	0.38	0.60	0.21		1.00
SIC Sangli		Patgaon	0.60	0.39	0.62	1.03	0.39		1.00
SIC Sangli		Jangamhatti	1.05	0.00	0.94	1.25	0.58		1.00
KIC Ratnagiri		Natuwadi	0.23	0.65	1.03	1.51	0.03		1.00
SIC Sangli		Kumbhi	0.75	1.34	1.28	1.34	0.33		1.00
SIC Sangli		Chitri	1.36	0.00	1.82	2.29	0.59		1.00
NKIPC Thane		Hetwane	6.69	5.05	9.96	9.00	5.05		1.00
Note: Figures in red are not considered for calculating average performance.									

Indicator VI: O & M Cost per unit irrigated area. (Rs./ha)

Highly Deficit Plan group:

CADA Solapur: O & M cost per unit area for this year is Rs.1053/Ha.

PIC Pune: Average O & M cost per unit area of seven medium projects of this circle is Rs. 1329/Ha. It is above the state target. The decline in performance is due to increase in expenditure on maintenance.

CADA Beed: The average cost per unit irrigated area of projects under this circle has decreased from Rs 3999 to 2346 /ha. though it is nearly twice the required state target. Indicator value in Kada project is Rs 11498/ha.due to O & M cost for irrigation & NI is Rs 30.63 lakh. Khasapur has O & M cost minimum to Rs 816/ha.

Deficit Plan group:

CADA Jalgaon: The overall O&M cost per unit irrigated area increased from Rs. 1031/ha (2008-09) to Rs.1221/ha (2009-10). In Agnawati (Rs.1869/ha), Bhokarbari (Rs. 5067/ha), Bori(Rs. 2663/ha), & Tondapur(Rs. 2650/ha) projects, O & M cost is on higher side of the state norms which should be minimised in future.

BIPC Buldhana: Due to less irrigated area in Torna project indicator value is increased.

CADA Nashik: The O&M cost per unit irrigated area increased from Rs. 1537/ha (2008-09) to Rs. 1765/ha which is 1.50 times more than the state norm. Specifically in Ghatshil Pargaon project (Rs. 8434/ha), the O & M cost should be minimised in future.

CADA Aurangabad: The average O & M cost per unit irrigated area of projects under this circle has increased from Rs 1233 to 4389/ha. compared to last year.

Lahuki has the maximum O & M cost of Rs 15387/ha & Girija has Rs 14743/ha. Low O & M cost is seen in Karpara project i.e. Rs 451/ha.

CADA Beed: The average cost per unit irrigated area of projects under this circle has decreased from Rs. 41914 to 10943/ha. compared to last year but is still very high to state norms. Masalga has highest O & M cost of Rs17026/ha since utilized potential is only 76 ha. & O&M cost is Rs.19.14 lakh.

AIC Akola: Due to heavy expenditure in Morna and Nirguna projects cost per unit area is increased to Rs.26484.

NIC Nanded: The average O & M cost per unit irrigated area of projects under this circle has drastically increased from Rs 4152 to 57780./ha compared to last year. Kudala has O&M cost of Rs 27150/ha & Kundrala Rs.3832/ha, rest of the three projects out of five had no irrigation but these have O & M expenditure incurred hence over all performance of this circle is gone very high in this year.

Normal Plan Group:

AIC Aurangabad: The average performance of this circle is nil.

CADA Jalgaon: Overall performance is well within the state norm except Karwand (Rs. 1803/ha).

PIC Pune: All the three projects the O & M cost per unit area is Rs.919/Ha. The performance is good as compared to State norm.

CADA Nashik: Overall performance lowered as compared to last year as the O & M cost per ha increased from Rs. 1640/ha (2008-09) to Rs. 3512/ha (2009-10). The field officers are required to take necessary steps to reduce the annual O & M cost per unit area.

CADA Aurangabad: The average O & M cost per unit irrigated area of projects under this circle has increased from Rs.1464 to Rs. 4139/ha. compared to last year which is above state norms. Ambadi has the minimum O & M cost of Rs 4349/ha and Kolhi having maximum of Rs.14889/ha. In Narangi & Bor Dahegaon there is no irrigation due to no water availability but Rs.12.00 lakh expenditure on operation (establishment with additional effect of 6th commission) affected to increase overall O & M cost per unit irrigated area of this circle & plan group.

CIPC Chandrapur: O & M cost per unit irrigated area is excessive, because expenditure on maintenance and repairs is above the norms. In Amalnala project, as irrigation was not done, ratio of O & M cost per unit irrigated area is shown as zero but there is expenditure on maintenance and repairs.

WIC Washim: In Sonal project only 10 Ha. area is irrigated with an expenditure of Rs.14.30 lac. Due to this high value of indicator is achieved.

AIC Akola: Only 310 Ha. area is irrigated in three projects. In Lower Pus project only 195 Ha. area is irrigated with an expenditure of Rs. 143.57 lac. In Saikheda project expenditure of Rs.59.06 is done without any irrigation. All these factors contribute to high value of the indicator.

NIC Nanded: The average O & M cost per unit irrigated area of projects under this circle has increased drastically from Rs. 13384 to705600/ha. The higher value of this circle is due to expenditure of Rs.70.56 lakh on O & M of three projects coming under this plan group & only 10 ha area being irrigated in Dongargaon project.

Surplus Plan Group:

CADA Nagpur: O & M cost per unit irrigated area is increased over the last year.

CIPC Chandrapur: Expenditure per unit irrigable command area is excessive. Therefore O & M cost per unit irrigated area increased to Rs. 7038 /ha.

Abundant Plan Group:

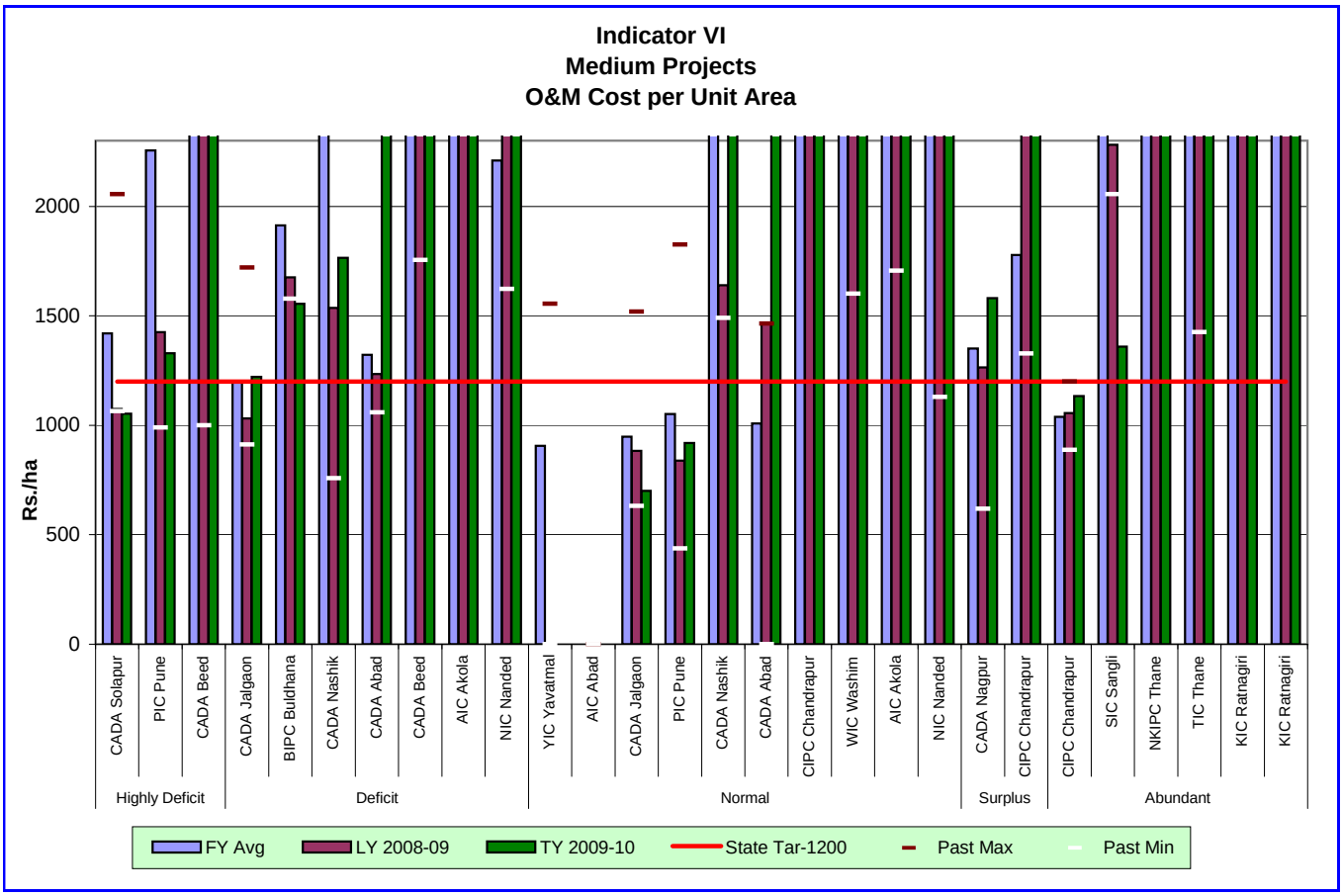
CIPC Chandrapur: O & M cost per unit irrigated area is nearly equal to the state norms.

SIC Sangli: O & M cost per unit area for this year is Rs.1360/Ha. Compared with last year it decreased from Rs.2281/Ha & is near to State target.

NKIPC Thane: In Hetwane project O & M cost per unit area is improved this year over last year. It is Rs.6400 /Ha It is quite high compared to State target. It is due to improvement in irrigated area & lower O & M cost compared to last year.

TIC Thane: O & M cost per unit area for this year is Rs.6867/Ha, which increased compared with Rs. 4190/Ha. last year.

KIC Ratnagiri: In Natuwadi Project the O & M cost per unit area increased to Rs. 11396/Ha. The value is much more than the State norms and last year. In spite of more area under irrigation the value increased due to increase in O & M cost from Rs. 7.81 to 11.91 lakh.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	1420	1074	1053	2056	1064	1576	1200
	PIC Pune	2256	1425	1329	5145	990		1200
	CADA Beed	17090	68446	2346	68446	999		1200
Deficit	CADA Jalgaon	1201	1031	1221	1720	911	14877	1200
	BIPC Buldhana	1914	1675	1555	15417	1579		1200
	CADA Nashik	2358	1537	1765	7038	758		1200
	CADA Abad	1321	1233	4389	2348	1059		1200
	CADA Beed	11884	41914	10943	41914	1755		1200
	AIC Akola	6500	8445	26484	77730	3524		1200
	NIC Nanded	2210	4152	57780	4152	1623		1200
Normal	YIC Yavatmal	906	0	0	1555	0	13114	1200
	AIC Abad	0	0	0	0	0		1200
	CADA Jalgaon	949	883	701	1519	632		1200
	PIC Pune	1051	838	919	1825	437		1200
	CADA Nashik	8682	1640	3512	51224	1491		1200
	CADA Abad	1008	1464	4139	1464	0		1200
	CIPC Chandrapur	12199	3826	6419	38310	2810		1200
	WIC Washim	2990	6697	6790	11293	1601		1200
	AIC Akola	3307	5057	69315	17687	1706		1200
	NIC Nanded	4287	13385	705600	13385	1129		1200
Surplus	CADA Nagpur	1351	1265	1580	2520	618	4309	1200
	CIPC Chandrapur	1779	2621	7038	2621	1328		1200
Abundant	CIPC Chandrapur	1039	1056	1133	1199	888	5431	1200
	SIC Sangli	2333	2281	1360	2555	2056		1200
	NKIPC Thane	14989	14870	6400	19388	12075		1200
	TIC Thane	4284	4190	6867	6183	1426		1200
	KIC Ratnagiri	30912	10829	11396	198071	3728		1200

Note: Figures in red are not considered for calculating average performance.

Indicator VI
Medium Projects
O&M Cost per Unit Area

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed	Highly Deficit	Turori	1233	0	0	2345	0	3429	1200
CADA Beed		Jakapur	28040	0	0	1630	0		1200
PIC Pune		Ranand	3603	1033	97	9363	1033		1200
PIC Pune		Nher	6061	0	226	15427	0		1200
PIC Pune		Andhali	9093	0	383	15720	0		1200
PIC Pune		Mhaswad	576	357	425	1043	50		1200
PIC Pune		Tisangi	558	500	450	883	189		1200
CADA Solapur		Ekrukh	1636	1441	699	2151	1097		1200
CADA Solapur		Mangi	1293	703	724	1821	710		1200
CADA Beed		Khasapur	23037	98674	816	98674	260		1200
CADA Solapur		Jawalgaon	1738	1265	1076	2777	1265		1200
CADA Beed		Khandeshwar	27325	129928	1158	129928	444		1200
CADA Beed		Chandani	50245	228191	1256	228191	375		1200
CADA Beed		Sakat	28582	137805	1360	137805	236		1200
CADA Solapur		Hingani (Pangaon)	969	821	1362	6050	514		1200
CADA Solapur		Budhihal	1875	1047	1508	6680	1047		1200
CADA Beed		Kurnoor	1259	1040	1523	2403	655		1200
CADA Beed		Harni	755	745	2088	962	580		1200
CADA Beed		Banganga	42500	182090	2174	182090	614		1200
CADA Beed		Ramganga	36582	151656	2195	151656	250		1200
PIC Pune		Sina	4325	2190	2493	14145	2190		1200
CADA Beed		Kadi	1723	337	2871	2539	0		1200
CADA Beed		Benitura	803	519	3322	2500	476		1200
CADA Beed		Rooty	3663	3353	3572	4193	0		1200
PIC Pune		Khairy	4083	5592	3587	5592	1615		1200
CADA Beed		Khandala	1090	1275	3856	1895	672		1200
CADA Beed		Talwar	2897	1643	7500	13792	1791		1200
CADA Beed		Mehakari	4906	5080	9675	5080	0		1200
CADA Beed		Kada	9043	11463	11558	14202	479		1200
CADA Beed		Kambli	11066	1000	12491	80609	0		1200
CADA Beed	Deficit	Whati	1350	223	0	1471	1202	5746	1200
CADA Beed		Tiru	1261	1066	0	1358	898		1200
CADA Beed		Terna	41925	113690	0	148989	845		1200
CADA Beed		Gharni	1756	1467	0	1887	944		1200
CADA Beed		Tawarja	2530	3550	0	4951	1213		1200
CADA Beed		Masalga	14184	17026	0	25184	0		1200
CADA Beed		Devarjan	2510	3995	0	3995	1451		1200
CADA Abad		Pir Kalyan	1384	1976	0	1976	0		1200
AIC Akola		Dnyanganga	2752	6816	0	9774	0		1200
CADA Beed		Rui	102590	198113	0	260720	118		1200
NIC Nanded		Karadkhed	3182	3156	0	4644	2013		1200
CADA Beed		Sakol	1526	1901	0	2027	949		1200
CADA Abad		Dhamna	3151	9527	0	9527	0		1200
NIC Nanded		Mahalingi	2863	3320	0	4389	0		1200
NIC Nanded		Pethwadaj	1296	0	0	1874	0		1200
CADA Abad		Jivrekha	1843	2230	0	4576	510		1200
CADA Jalgaon		Burai	474	383	409	776	326		1200
CADA Abad		Karpara	1081	846	451	13400	675		1200
CADA Jalgaon		Rangawali	365	363	533	1194	0		1200
BIPC Buldhana		Torna	1237	573	615	5400	573		1200
CADA Jalgaon		Kanoli	1638	909	764	2928	909		1200
CADA Jalgaon		Hiwara	1220	837	1058	1625	863		1200
CADA Jalgaon		Manyad	1172	957	1075	2336	674		1200
BIPC Buldhana		Mun	1997	2009	1115	17032	1543		1200
CADA Beed		Sangameshwar (Dokewadi)	309	90	1511	990	90		1200
CADA Nashik		Kelzar	2928	1070	1573	8115	598		1200

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed		Mahasangvi	2533	1005	1694	4327	1137		1200
CADA Nashik		Nagyasakya	2505	1347	1732	6944	969		1200
CADA Beed		Sindphana	1464	918	1803	2446	970		1200
CADA Jalgaon		Agnawati	2088	1298	1870	20553	974		1200
CADA Nashik		Haranbari	2655	878	1888	6617	817		1200
CADA Abad		Galhati	1939	826	2360	3018	826		1200
CADA Jalgaon		Tondapur	1534	0	2650	4930	676		1200
CADA Jalgaon		Bori	2104	1936	2663	95178	1667		1200
CADA Abad		Purna Nevpur	1	4	2829	4	0		1200
CADA Abad		Sukhna	1009	566	2996	4444	744		1200
AIC Akola		Shahanoor	3140	601	3002	8886	601		1200
CADA Abad		Khelna	1309	2067	3094	3056	1008		1200
CADA Beed		Belpara	3511	2965	3237	5333	1209		1200
CADA Abad		Kalyan Girja	1125	1072	3996	1396	520		1200
CADA Abad		Gadadgad	1332	0	4313	2528	0		1200
CADA Jalgaon		Bhokarbari	1991	2172	5067	66833	1541		1200
CADA Beed		Renapur	249	224	5451	647	94		1200
CADA Abad		Anjana Palashi	341	22	5840	722	0		1200
CADA Abad		Ajantha Andhari	4464	12035	5941	48385	0		1200
CADA Abad		Masoli	2036	1444	5970	2379	1863		1200
CADA Beed		Kundlika	2769	2480	7284	3261	2177		1200
CADA Beed		Bodhegaon	6215	5934	7418	9960	0		1200
CADA Beed		Wan (Beed)	4054	1537	11175	8100	2132		1200
CADA Abad		Jui	2102	10954	11579	10954	0		1200
CADA Beed		Borna	2358	4631	11921	4631	969		1200
CADA Abad		Lahuki	1295	1147	15388	14689	0		1200
CADA Beed		Bindusara	5325	4921	15809	7245	0		1200
AIC Akola		Paldhag	10403	9791	17835	14075	0		1200
NIC Nanded		Kundrala	1706	3278	18920	7123	582		1200
CADA Abad		Girja	868	474	19168	4714	474		1200
AIC Akola		Nirguna	7968	7970	26049	10499	0		1200
AIC Akola		Mas	9606	15047	29026	29653	0		1200
CADA Beed		Saraswati	1989	1606	29412	4660	0		1200
NIC Nanded		Kudala	1878	2702	37800	3118	1234		1200
CADA Beed		Raigavan	137213	453746	41750	453746	592		1200
AIC Akola		Morna (Akola)	7758	11771	49813	13079	0		1200
AIC Akola		Uma	5203	0	374538	4139	0		1200
AIC Akola	Normal	Saikheda	3205	3263	0	3738	0	4344	1200
CADA Abad		Narangi	13	78	0	78	0		1200
CIPC Chandrapur		Amal Nala	2829	1294	0	8329	0		1200
YIC Yavatmal		Navargaon	34	0	0	118	0		1200
YIC Yavatmal		Adan	968	0	0	1729	0		1200
NIC Nanded		Nagzari	1480	104	0	2485	883		1200
NIC Nanded		Loni	8570	23407	0	36664	1180		1200
CADA Abad		Bor Dahegaon	22	257	0	257	0		1200
WIC Washim		Sonal	2472	0	0	3111	0		1200
AIC Abad		Shivna Takali	0	0	0	0	0		1200
CADA Jalgaon		Panzra	322	284	375	1166	146		1200
PIC Pune		Nazare	398	468	438	513	271		1200
CADA Jalgaon		Suki	1891	1113	592	7629	1184		1200
CADA Jalgaon		Aner	700	533	619	1345	386		1200
CADA Jalgaon		Abhora	1301	936	706	3523	631		1200
CADA Jalgaon		Malangaon	752	885	983	1601	556		1200
PIC Pune		Kasarsai	1198	893	1081	2177	862		1200
PIC Pune		Vadiwale	1222	986	1140	3615	281		1200
CADA Abad		Tembhapuri	2	0	1365	3	0		1200
CADA Nashik		Bhojapur	36518	1032	1404	209986	1172		1200
CIPC Chandrapur		Dongargaon (Chandrapur)	1614	1269	1585	4595	209		1200

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Jalgaon		Karwand	1998	2432	1803	7553	707		1200
CADA Nashik		Alandi	10199	889	2660	209986	889		1200
WIC Washim		Ekburji	4357	2106	3848	4274	0		1200
CADA Nashik		Adhala	1260	2003	3854	2108	747		1200
CIPC Chandrapur		Panchadhara	4115	2892	3973	6620	2892		1200
CADA Abad		Ambadi	2240	2777	4349	2777	0		1200
CIPC Chandrapur		Pothra	2630	4149	6632	4149	1418		1200
CIPC Chandrapur		Chandai	58202	8250	6647	210105	1357		1200
CADA Abad		Dheku	1642	1179	6650	1522	0		1200
CADA Nashik		Ghatshil Pargaon	2958	2661	8437	7397	0		1200
CADA Nashik		Mand Ohol	3885	7814	14260	8739	2398		1200
CADA Abad		Kolhi	2601	3142	14889	3142	0		1200
AIC Akola		Borgaon	7894	24968	43702	27746	0		1200
AIC Akola		Lowerpus	2687	2234	73626	7595	0		1200
NIC Nanded		Dongargaon (Nanded)	1924	1694	247100	3310	0		1200
AIC Akola		Koradi	2527	8663	456082	53224	608		1200
CADA Nagpur	Surplus	Bodalkasa	599	263	118	1526	263	3134	1200
CADA Nagpur		Khairbanda	589	460	374	1254	20		1200
CADA Nagpur		Rengepar	1031	1724	589	1724	497		1200
CADA Nagpur		Chulband	830	1020	659	1416	407		1200
CADA Nagpur		Makardhokada-Saiki Complex	741	2153	675	2153	509		1200
CADA Nagpur		Chorakhmara	581	429	897	1233	279		1200
CADA Nagpur		Managadh	1290	2541	1041	2701	613		1200
CADA Nagpur		Chandpur	2018	1030	1378	44866	466		1200
CADA Nagpur		Pandhrabodi	704	0	1567	705	0		1200
CADA Nagpur		Chandrabhaga (Nagpur)	1803	36063	1679	36063	679		1200
CADA Nagpur		Kolar	725	1007	1940	3920	414		1200
CADA Nagpur		Mordham	1699	10984	2205	10984	673		1200
CADA Nagpur		Sorna	1865	2690	2284	2767	985		1200
CADA Nagpur		Umri	976	706	2469	1756	706		1200
CADA Nagpur		Sangrampur	2152	5065	2593	5065	1309		1200
CADA Nagpur		Betekar Bothali	1891	2053	3435	2491	949		1200
CADA Nagpur		Khekranala	1173	1289	4289	6667	595		1200
CADA Nagpur		Bagheda	2123	3170	4612	3170	1202		1200
CADA Nagpur		Kesarnala	1197	4015	6169	4015	798		1200
CIPC Chandrapur		Chargaon	1926	2917	6703	2922	839		1200
CADA Nagpur		Kanholibara	584	1300	6855	1577	32		1200
CIPC Chandrapur		Labhansarad	1738	2028	8097	3238	1487		1200
CADA Nagpur		Wunna	48980	26659	41791	963227	4161		1200
SIC Sangli	Abundant	Kasari	2811	1592	71	3504	1608	3960	1200
SIC Sangli		Kumbhi	1764	1277	611	2680	1277		1200
SIC Sangli		Chitri	1291	0	917	2437	875		1200
CIPC Chandrapur		Ghorazari	788	861	967	1078	610		1200
SIC Sangli		Jangamhatti	1745	0	1470	4503	1470		1200
CIPC Chandrapur		Naleshwar	1512	1451	1475	1918	966		1200
TIC Thane		Wandri	12170	7366	1776	14806	541		1200
SIC Sangli		Chikotra	2133	1729	2808	3689	1631		1200
SIC Sangli		Patgaon	3630	4580	4016	4771	2377		1200
SIC Sangli		Kadavi	2867	2646	5114	4833	614		1200
NKIPC Thane		Hetwane	15714	7995	6400	19388	12075		1200
TIC Thane		Rajanala	2496	3199	10568	3199	1301		1200
KIC Ratnagiri		Natuwadi	28860	7834	11396	198071	3728		1200
Note: Figures in red are not considered for calculating average performance.									

Indicator VII: O & M cost per unit water supply (Rs./cum)

Highly Deficit Plan Group:

CADA Solapur: O & M cost for water supply is Rs. 0.22/m^3 similar to last year.

CADA Beed: The average value of indicator for projects under this circle has decreased from Rs 7.34 to 0.24/cum. compared to last year. Kada & Kambli have the maximum O & M cost i.e. Rs1.60 & 1.07/cum.

PIC Pune: Average O & M Cost per unit of water supply in seven medium projects comes to Rs. 0.31/cum this year. But it is more than the last year and State target. The field officers are advised to take efforts to improve the performance.

Deficit Plan group:

BIPC Buldhana: Cost per unit water supply is more than State norm.

CADA Jalgaon: O & M cost per unit water supplied is on higher side of the state norm since last four years. More attention is required specifically in case of Agnawati (Rs. 0.86/cum), Bhokarbari (Rs. 3.28/Cum), Bori (Rs. 0.40/Cum), Hiwara (Rs.0.47/Cum), & Tondapur (Rs. 1.15/Cum) projects to improve the performance.

CADA Nashik: O & M cost per unit water supplied is on higher side of the state norm since last four years. Field authorities are required to take necessary steps to improve the performance of all the projects. The O & M cost per unit water supplied increased from Rs. 0.25/cum (2008-09) to Rs. 0.38/cum (2009-10).

CADA Aurangabad: The average value of this indicator for projects under this circle increased to Rs 0.74/cum against last years value Rs0.28/cum, which is more than four times of the State norms. Dhamna & Jivrekha projects has no water in the reservoir in this year though there is expenditure on O & M cost, which resulted to raise the overall value of indicator of this circle.

CADA Beed: The average value of this indicator for projects under this circle has decreased from Rs 4.70/cum to Rs.0.79 /cum as compared to last year though it is above the state norms. Whati, Gharni and Sakol have O&M cost Rs 8.22, 5.63 & 4.98/cum respectively, where as in Devarjan & Masalga O&M cost is nil because of no water in the reservoir.

AIC Akola: Due to heavy expenditure cost per unit water supply is very much more than State norm.

NIC Nanded: The average value of this indicator for projects under this circle is Rs.2.09,which increased over last years value Rs.0.46, Pethwadaj has maximum value of Rs 4.65/cum (0.24Mcum NI water use & Rs.11.15 lakh O & M cost) , Karadkhed has minimum of Rs1.68/cum where as in Mahalingi it is nil because of no water in the reservoir.

Normal Plan Group:

AIC Aurangabad: The value of this indicator for projects under this circle is nil.

PIC Pune: In three projects under this circle O & M cost per unit of water supply is same this year to Rs. 0.18/cum.

CADA Jalgaon: O & M cost per unit water supplied increased from 0.22/cum (2008-09) to Rs. 0.34/cum (2009-10) which is on higher side of the state norms. Improvement is required in all the projects concerned.

CIPC Chandrapur: Due to excessive water use in the projects under this circle O & M cost per unit water supply is very much above the norms.

WIC Washim: Due to heavy expenditure as compared to water supply, indicator value increased to Rs.0.84.

CADA Nashik: In all the projects the O&M cost per unit water supplied is on higher side since last two years. Remedial measures should be taken to improve the performance in all the projects concerned.

CADA Aurangabad: The average value of this indicator for projects under this circle has decreased from Rs. 0.24 to 1.02 /cum. which has increased by 4.24 times over last year. In Dheku project O & M cost per unit water supply is Rs 0.52/cum.

AIC Akola: Due to more expenditure as compared to water supply, indicator value is more than norm.

NIC Nanded: The average value of this indicator for projects under this circle increased from Rs 1.81 to Rs 6.21/ha, which is very high compared to State norms. Dongargaon has indicator value of Rs. 43.35/cum because of 0.06 Mcum of NI use & Rs. 24.71 lakh expenditure on O & M cost, whereas in Loni the indicator value is nil this year.

Surplus Plan Group:

CADA Nagpur: Expenditure per unit irrigable command area is excessive. Therefore O & M cost per unit water supply is increased to Rs. 0.32 /cum.

CIPC Chandrapur: In Labhansarad project for utilization of 1.20Mcum of water an expenditure of Rs. 27.45 lakh is done. This has resulted in increasing the O & M cost per unit water supply to Rs. 1.42/cum.

Abundant Plan Group:

NKIPC Thane: In Hetwane project, the O & M cost per unit water supply still improved this year & it is Rs. 0.02 /cum.

KIC Ratnagiri: In Natuwadi project O & M cost per unit of water supply is Rs. 0.05/cum this year, which is a good performance.

SIC Sangli: O & M cost for water supply reduced from Rs. 0.14 to 0.10 over last year.

TIC Thane: O & M cost for water supply is Rs. 0. 31/m^3 which increased from Rs.0.1/cum over last year.

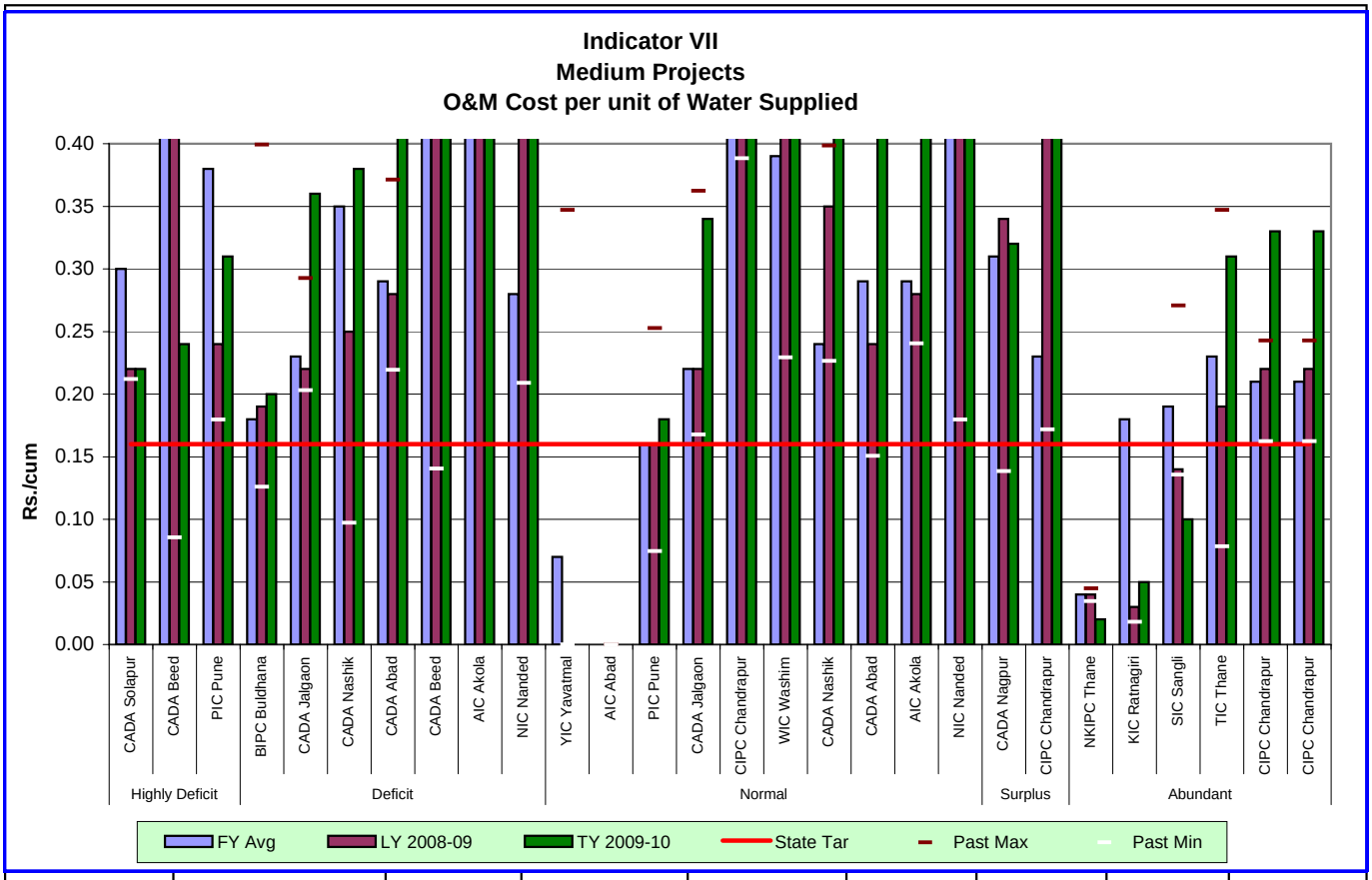
CIPC Chandrapur: O & M Cost per unit of water supply increased as compared to last year and it is two times the state norms.

Indicator VII
Medium Projects
O&M Cost per unit of Water Supplied

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY-2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed	Highly Deficit	Jakapur	4.21	0.00	0.00	0.27	0.00	0.44	0.16
PIC Pune		Ranand	0.82	0.28	0.05	1.35	0.28		0.16
PIC Pune		Andhali	1.09	2.27	0.06	2.27	0.11		0.16
PIC Pune		Nher	1.59	6.48	0.07	6.48	0.45		0.16
CADA Beed		Turori	0.11	0.00	0.08	0.25	0.00		0.16
PIC Pune		Mhaswad	0.12	0.08	0.09	0.27	0.01		0.16
CADA Beed		Khasapur	4.04	15.65	0.10	15.65	0.06		0.16
CADA Beed		Kurnoor	0.10	0.07	0.11	0.18	0.05		0.16
PIC Pune		Tisangi	0.09	0.09	0.11	0.17	0.02		0.16
CADA Beed		Chandani	6.07	15.43	0.13	15.43	0.04		0.16
CADA Solapur		Mangi	0.22	0.12	0.14	0.39	0.12		0.16
CADA Beed		Sakat	4.51	20.64	0.18	20.64	0.05		0.16
CADA Solapur		Ekrukh	0.37	0.25	0.18	1.18	0.25		0.16
CADA Beed		Khandeshwar	4.21	13.58	0.18	13.58	0.08		0.16
CADA Beed		Benitura	0.06	0.04	0.24	0.13	0.02		0.16
CADA Beed		Harni	0.09	0.10	0.26	0.14	0.04		0.16
CADA Solapur		Jawalgaon	0.29	0.26	0.27	0.81	0.23		0.16
CADA Beed		Kadi	0.24	0.07	0.29	0.24	0.00		0.16
CADA Beed		Ramganga	5.21	21.33	0.32	21.33	0.07		0.16
CADA Beed		Banganga	5.46	19.13	0.33	19.13	0.08		0.16
CADA Solapur		Hingani (Pangaon)	0.20	0.24	0.39	0.56	0.09		0.16
PIC Pune		Sina	0.48	0.26	0.54	1.60	0.25		0.16
CADA Beed		Khandala	0.21	0.22	0.60	0.43	0.12		0.16
CADA Beed		Talwar	0.43	0.45	0.66	2.04	0.15		0.16
PIC Pune		Khairy	0.90	1.06	0.72	1.81	0.52		0.16
CADA Beed		Rooty	0.20	0.61	0.77	0.61	0.00		0.16
CADA Beed		Mehakari	0.56	1.41	0.79	1.41	0.00		0.16
CADA Solapur		Budhihal	1.92	0.86	0.81	60.57	0.86		0.16
CADA Beed		Kambli	1.11	0.12	1.07	4.64	0.00		0.16
CADA Beed		Kada	0.73	0.99	1.60	0.99	0.03		0.16
CADA Beed	Deficit	Devarjan	0.24	0.64	0.00	0.64	0.11	1.71	0.16
CADA Beed		Masalga	0.49	1.72	0.00	1.72	0.00		0.16
CADA Abad		Jivrekha	0.37	0.44	0.00	1.04	0.08		0.16
NIC Nanded		Mahalingi	0.53	0.55	0.00	1.86	0.20		0.16
CADA Abad		Dhamna	0.70	2.31	0.00	2.31	0.00		0.16
BIPC Buldhana		Torna	0.13	0.06	0.06	5.00	0.06		0.16
AIC Akola		Shahanoor	0.23	0.07	0.08	0.44	0.07		0.16
CADA Abad		Karpara	0.16	0.25	0.08	1.45	0.08		0.16
CADA Jalgaon		Burai	0.09	0.11	0.15	0.12	0.07		0.16
CADA Jalgaon		Rangawali	0.09	0.11	0.18	0.19	0.00		0.16
CADA Beed		Belpara	0.22	0.39	0.19	0.39	0.08		0.16
BIPC Buldhana		Mun	0.18	0.23	0.19	0.39	0.12		0.16
CADA Beed		Rui	9.68	30.09	0.19	30.09	0.01		0.16
CADA Beed		Renapur	0.02	0.01	0.22	0.06	0.01		0.16
CADA Beed		Sindphana	0.32	0.30	0.23	0.70	0.10		0.16
CADA Beed		Sangameshwar (Dokewadi)	0.04	0.02	0.26	0.11	0.02		0.16
CADA Jalgaon		Kanoli	0.30	0.16	0.27	0.44	0.16		0.16
CADA Beed		Mahasangvi	0.31	0.19	0.28	0.52	0.14		0.16
CADA Jalgaon		Manyad	0.22	0.17	0.31	0.41	0.09		0.16
CADA Beed		Tiru	0.12	0.16	0.33	0.16	0.09		0.16
CADA Nashik		Nagyasakya	0.48	0.20	0.34	1.45	0.11		0.16
CADA Abad		Khelna	0.38	0.79	0.35	0.79	0.10		0.16
CADA Beed		Terna	3.55	12.69	0.35	12.69	0.07		0.16
CADA Nashik		Kelzar	0.58	0.32	0.37	1.56	0.11		0.16
CADA Jalgaon		Bori	0.25	0.35	0.40	0.81	0.18		0.16
CADA Nashik		Haranbari	0.34	0.23	0.41	0.60	0.09		0.16

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY-2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Abad		Ajantha Andhari	0.68	1.29	0.43	1.99	0.06		0.16
CADA Jalgaon		Hiwara	0.51	0.36	0.47	0.99	0.14		0.16
CADA Abad		Galhati	0.29	0.15	0.49	0.48	0.08		0.16
CADA Abad		Purna Nevpur	0.00	0.00	0.50	0.00	0.00		0.16
CADA Abad		Masoli	0.17	0.15	0.58	0.26	0.13		0.16
CADA Beed		Bodhegaon	0.61	0.97	0.59	0.97	0.00		0.16
CADA Beed		Wan (Beed)	0.22	0.13	0.59	0.74	0.12		0.16
CADA Beed		Kundlika	0.27	0.34	0.60	0.35	0.16		0.16
CADA Abad		Pir Kalyan	0.27	0.23	0.61	0.43	0.11		0.16
CADA Beed		Raigavan	14.39	42.41	0.65	42.41	0.29		0.16
CADA Beed		Bindusara	0.22	0.28	0.65	0.28	0.11		0.16
CADA Abad		Anjana Palashi	0.11	0.00	0.79	0.30	0.00		0.16
CADA Abad		Jui	0.55	0.68	0.82	4.74	0.00		0.16
CADA Jalgaon		Agnawati	0.78	0.46	0.86	1.38	0.00		0.16
CADA Beed		Borna	0.20	0.37	1.02	0.37	0.07		0.16
CADA Abad		Sukhna	0.40	0.48	1.04	0.50	0.18		0.16
CADA Jalgaon		Tondapur	0.75	0.52	1.15	1.03	0.45		0.16
CADA Abad		Gadadgad	0.47	0.00	1.48	0.95	0.00		0.16
AIC Akola		Paldhag	0.87	1.06	1.62	51.18	0.48		0.16
NIC Nanded		Karadkhed	0.35	0.51	1.68	0.51	0.22		0.16
CADA Beed		Saraswati	0.27	0.21	1.76	1.35	0.18		0.16
NIC Nanded		Kundrala	0.26	0.84	1.80	0.84	0.11		0.16
CADA Abad		Girja	0.30	0.12	1.84	0.59	0.10		0.16
CADA Abad		Lahuki	0.79	1.09	2.07	2.52	0.00		0.16
NIC Nanded		Kudala	0.25	0.31	2.09	0.31	0.17		0.16
AIC Akola		Nirguna	0.70	1.26	2.60	1.26	0.00		0.16
CADA Beed		Tawarja	0.22	0.40	2.81	0.40	0.10		0.16
AIC Akola		Morna (Akola)	0.62	2.45	3.10	3.44	0.33		0.16
CADA Abad		Kalyan Girja	0.31	0.27	3.21	0.53	0.08		0.16
CADA Jalgaon		Bhokarbari	0.42	0.73	3.28	2.93	0.29		0.16
AIC Akola		Dnyanganga	0.30	0.49	4.08	2.52	0.15		0.16
NIC Nanded		Pethwadaj	0.14	0.00	4.65	0.19	0.00		0.16
CADA Beed		Sakol	0.20	0.37	4.98	0.37	0.11		0.16
CADA Beed		Gharni	0.14	0.15	5.63	0.15	0.11		0.16
CADA Beed		Whati	0.12	0.22	8.22	0.29	0.07		0.16
AIC Akola		Mas	0.84	1.77	9.81	6.08	0.45		0.16
AIC Akola		Uma	0.69	10.03	10.75	28.92	0.49		0.16
NIC Nanded	Normal	Loni	1.72	5.99	0.00	5.99	0.23	0.97	0.16
YIC Yavatmal		Adan	0.07	0.00	0.00	0.34	0.00		0.16
YIC Yavatmal		Navargaon	0.00	0.00	0.00	0.01	0.00		0.16
CIPC Chandrapur		Amal Nala	0.50	0.26	0.00	9.52	0.15		0.16
CADA Abad		Bor Dahegaon	0.01	0.02	0.00	0.02	0.00		0.16
AIC Abad		Shivna Takali	0.00	0.00	0.00	0.00	0.00		0.16
PIC Pune		Nazare	0.08	0.11	0.09	0.11	0.06		0.16
PIC Pune		Kasarsai	0.18	0.19	0.18	0.22	0.12		0.16
CADA Jalgaon		Panzra	0.14	0.14	0.22	0.17	0.09		0.16
PIC Pune		Vadiwale	0.17	0.17	0.24	0.39	0.04		0.16
CADA Jalgaon		Aner	0.12	0.08	0.27	0.25	0.08		0.16
CADA Jalgaon		Suki	0.28	0.18	0.30	0.52	0.18		0.16
CIPC Chandrapur		Panchadhara	0.39	0.29	0.35	0.60	0.29		0.16
CIPC Chandrapur		Dongargaon (Chandrapur)	0.21	0.22	0.37	1.63	0.02		0.16
CADA Nashik		Bhojapur	0.23	0.16	0.38	0.73	0.16		0.16
CADA Jalgaon		Malangaon	0.27	0.31	0.43	0.31	0.16		0.16
CIPC Chandrapur		Pothra	0.29	0.54	0.48	0.54	0.16		0.16
CADA Jalgaon		Karwand	0.66	0.76	0.49	0.93	0.30		0.16
WIC Washim		Ekburji	0.35	0.33	0.54	0.52	0.23		0.16
CADA Abad		Tembhapuri	0.00	0.00	0.69	0.00	0.00		0.16
CADA Abad		Ambadi	0.48	0.34	0.69	1.22	0.05		0.16

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY-2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Nashik		Adhala	0.25	0.29	0.69	0.35	0.17		0.16
CADA Jalgaon		Abhora	0.69	0.41	0.90	1.38	0.31		0.16
CADA Abad		Dheku	0.89	0.52	1.02	9.24	0.42		0.16
CADA Nashik		Mand Ohol	0.29	0.77	1.34	0.77	0.10		0.16
CADA Nashik		Alandi	0.24	0.36	1.44	0.74	0.23		0.16
AIC Akola		Saikheda	0.24	0.19	1.60	0.50	0.19		0.16
CADA Abad		Kolhi	0.52	0.42	1.77	0.67	0.00		0.16
CADA Nashik		Ghatshil Pargaon	0.55	0.54	1.88	1.58	0.00		0.16
CIPC Chandrapur		Chandai	10.90	1.99	2.11	49.48	0.20		0.16
AIC Akola		Koradi	0.38	1.98	2.18	1.98	0.14		0.16
NIC Nanded		Nagzari	0.21	0.23	2.28	0.42	0.15		0.16
WIC Washim		Sonal	0.43	11.52	3.23	11.52	0.21		0.16
AIC Akola		Borgaon	1.36	4.26	8.58	10.21	0.00		0.16
AIC Akola		Lowerpus	0.20	0.14	10.24	48.47	0.14		0.16
CADA Abad		Narangi	0.00	0.01	34.83	0.01	0.00		0.16
NIC Nanded		Dongargaon (Nanded)	0.22	0.20	43.35	0.39	0.00		0.16
CADA Nagpur	Surplus	Kanholibara	0.09	0.20	0.01	0.22	0.01	0.65	0.16
CADA Nagpur		Bodalkasa	0.20	0.10	0.04	0.43	0.10		0.16
CADA Nagpur		Kolar	0.11	0.17	0.12	0.65	0.07		0.16
CADA Nagpur		Pandhrabodi	0.13	0.00	0.15	0.16	0.00		0.16
CADA Nagpur		Chulband	0.17	0.24	0.16	0.46	0.08		0.16
CADA Nagpur		Kesarnala	0.15	0.30	0.16	0.45	0.08		0.16
CADA Nagpur		Khekranala	0.07	0.14	0.16	0.46	0.03		0.16
CADA Nagpur		Makardhokada-Saiki Complex	0.11	0.32	0.16	0.32	0.08		0.16
CADA Nagpur		Rengepar	0.31	0.45	0.16	0.47	0.14		0.16
CADA Nagpur		Chandrabhaga (Nagpur)	0.30	2.91	0.18	2.91	0.11		0.16
CADA Nagpur		Khairbanda	0.31	0.27	0.24	0.71	0.01		0.16
CADA Nagpur		Managadh	0.26	0.39	0.28	0.69	0.17		0.16
CADA Nagpur		Wunna	0.64	0.14	0.32	2.52	0.06		0.16
CADA Nagpur		Mordham	0.26	1.73	0.36	1.73	0.08		0.16
CADA Nagpur		Chorakhmara	0.22	0.17	0.41	0.50	0.09		0.16
CADA Nagpur		Umri	0.13	0.09	0.41	0.30	0.07		0.16
CADA Nagpur		Chandpur	1.08	0.54	0.80	17.26	0.21		0.16
CADA Nagpur		Sangrampur	0.76	2.04	0.92	2.04	0.45		0.16
CADA Nagpur		Sorna	0.51	0.73	0.95	0.84	0.27		0.16
CADA Nagpur		Betekar Bothali	0.51	1.03	1.12	1.03	0.20		0.16
CIPC Chandrapur		Chargaon	0.23	0.46	1.24	0.46	0.11		0.16
CIPC Chandrapur		Labhansarad	0.25	0.47	2.29	0.47	0.14		0.16
CADA Nagpur		Bagheda	1.00	2.17	2.99	2.17	0.33		0.16
SIC Sangli	Abundant	Kasari	0.20	0.11	0.01	0.41	0.11	0.37	0.16
NKIPC Thane		Hetwane	0.04	0.04	0.02	0.04	0.03		0.16
SIC Sangli		Kumbhi	0.10	0.06	0.03	0.24	0.06		0.16
TIC Thane		Wandri	0.33	0.15	0.05	0.46	0.02		0.16
KIC Ratnagiri		Natuwadi	0.15	0.03	0.05	1.02	0.02		0.16
SIC Sangli		Chitri	0.16	0.00	0.11	0.30	0.12		0.16
SIC Sangli		Patgaon	0.18	0.20	0.15	0.26	0.12		0.16
SIC Sangli		Jangamhatti	0.21	0.00	0.16	0.42	0.17		0.16
SIC Sangli		Kadavi	0.22	0.20	0.20	0.36	0.04		0.16
CIPC Chandrapur		Ghorazari	0.15	0.17	0.23	0.28	0.10		0.16
SIC Sangli		Chikotra	0.20	0.15	0.32	0.35	0.15		0.16
CIPC Chandrapur		Naleshwar	0.29	0.35	0.73	0.35	0.19		0.16
TIC Thane		Rajanala	0.19	0.24	1.03	0.25	0.08		0.16
Note: Figures in red are not considered for calculating average performance.									



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	0.30	0.22	0.22	0.65	0.21	0.26	0.16
	CADA Beed	1.91	7.34	0.24	7.34	0.09		0.16
	PIC Pune	0.38	0.24	0.31	0.88	0.18		0.16
Deficit	BIPC Buldhana	0.18	0.19	0.20	0.40	0.13	0.84	0.16
	CADA Jalgaon	0.23	0.22	0.36	0.29	0.20		0.16
	CADA Nashik	0.35	0.25	0.38	0.85	0.10		0.16
	CADA Abad	0.29	0.28	0.74	0.37	0.22		0.16
	CADA Beed	1.11	4.70	0.79	4.70	0.14		0.16
	AIC Akola	0.57	0.82	1.33	1.71	0.44		0.16
	NIC Nanded	0.28	0.46	2.09	0.46	0.21		0.16
Normal	YIC Yavatmal	0.07	0.00	0.00	0.35	0.00	1.65	0.16
	AIC Abad	0.00	0.00	0.00	0.00	0.00		0.16
	PIC Pune	0.16	0.16	0.18	0.25	0.07		0.16
	CADA Jalgaon	0.22	0.22	0.34	0.36	0.17		0.16
	CIPC Chandrapur	1.67	0.58	0.70	5.16	0.39		0.16
	WIC Washim	0.39	0.98	0.84	0.98	0.23		0.16
	CADA Nashik	0.24	0.35	0.99	0.40	0.23		0.16
	CADA Abad	0.29	0.24	1.02	1.79	0.15		0.16
	AIC Akola	0.29	0.28	2.91	0.84	0.24		0.16
	NIC Nanded	0.64	1.81	6.21	1.81	0.18		0.16
Surplus	CADA Nagpur	0.31	0.34	0.32	0.52	0.14	0.87	0.16
	CIPC Chandrapur	0.23	0.46	1.42	0.46	0.17		0.16
Abundant	NKIPC Thane	0.04	0.04	0.02	0.04	0.03	0.25	0.16
	KIC Ratnagiri	0.18	0.03	0.05	1.02	0.02		0.16
	SIC Sangli	0.19	0.14	0.10	0.27	0.14		0.16
	TIC Thane	0.23	0.19	0.31	0.35	0.08		0.16
	CIPC Chandrapur	0.21	0.22	0.33	0.24	0.16		0.16

Note: Figures in red are not considered for calculating average performance.

Indicator VIII: Revenue per unit water supplied

Highly deficit plan group:

PIC Pune: Average revenue per unit of water supplied in seven medium projects under this circle remains same (Rs. 0.05/cum of last year). The reason for poor performance is due to less recovery.

CADA Beed: The average value of this indicator for projects under this circle has increased from Rs. 0.03 to 0.06 **/**cum compared to last year, Khandala had maximum revenue per unit of water supplied i.e. Rs. 0.23 , followed by Mehakari Rs.0.18.

CADA Solapur: Revenue per unit water supply is Rs.0.07/cum, declined over last year.

Deficit Plan group:

CADA Jalgaon: Though the revenue per unit water supplied increased from Rs. 0.07/cum (2008-09) to 0.08/cum (2009-10) still it is below state norm. specifically in case of Bori, , Burai, Kanoli ,Hiwara, Manyad & Rangwali projects, performance is very low (ratio is 0.10 ,0.05, 0.02 ,0.09, 0.08 & 0.06 respectively). Improvement in these projects is necessary.

CADA Aurangabad: The average value of this indicator for project under this circle had decreased from Rs. 0.15 to 0.09/cum. Kalyan Girija has maximum revenue per unit of water supplied i.e. Rs 0.32/cum.(0.68 Mcum water supplied & revenue Rs.2.19 lakh)

Rest of the projects had very low revenue collection.

BIPC Buldhana: Due to less recovery as compared to water supply, indicator is below the norm.

CADA Nashik: Though the revenue per unit water supplied is just increased from Rs.0.10/Cum (2008-09) to Rs.0.14/Cum (2009-10) it is below state norm. Efforts are required to improve the performance specifically in Ghatshil Pargaon (Rs.0.05/Cum) and Nagya Sakya (Rs.0.01Cum) projects.

NIC Nanded: The average value of this indicator for project under this circle has increased from Rs 0.07 to 0.16/cum. Kudala & Karadkhed are the only projects which have achieved the state norms.

CADA Beed: The average value of this indicator for the project under this circle has increased from Rs 0.11 to 0.20/cum. Tawarja has maximum revenue per unit of water supplied i.e. Rs 0.75/cum (1.621 Mcum water supplied & revenue Rs.12.12lakh).

AIC Akola: Revenue per unit water supply increased over last year.

Normal Plan group:

AIC Aurangabad : The average performance of this circle has slightly increased from 0.01 to 0.02 compared to last year.

CADA Nashik: Though the performance is improved from Rs.0.02/Cum to Rs.0.05/Cum as compared to last year it is far below the state norm. The improvement in the performance is required in all the projects concerned.

CADA Jalgaon: Though the indicator value is just increased from 0.04 (2008-09) to 0.06 (2009-10) it is less than 50 % of the state norm. The improvement in the performance is required in all the projects concerned.

CADA Aurangabad: The average value of this indicator for project under this circle has increased from Rs. 0.09 to 0.16. /cum. Narangi project had revenue per unit of water supplied i.e. Rs 22.56/cum (0.018 Mcum water supplied & revenue Rs. 4.06 lakh)

NIC Nanded: The average value of this indicator for projects under this circle had increased over last years value i.e. Rs. 0.05 to 0.33/cum. Dongargaon project had maximum revenue per unit of water supplied i.e. Rs 0.77/cum whereas in Loni it is Nil due to no availability of water.

YIC Yavatmal: Water is supplied for non irrigation purpose only, thus the revenue per unit water supply is above the norm.

WIC Washim: Revenue per unit water supply is satisfactory.

PIC Pune: In Projects under this circle the ratio is 0.44 which shows good performance.

CIPC Chandrapur: In Amalnala project recovery of Rs. 206.32 lakh is done for irrigation and non-irrigation water supply from old arrears. This has resulted in increasing the revenue per unit water supplied of the circle to Rs. 0.55.

AIC Akola: Revenue per unit water supply is satisfactory.

Surpuls Plan Group:

CIPC Chandrapur: In Chargaon project revenue recovery is very less as compared to supplied water. This has resulted in decrease in revenue per unit of water supplied of the circle to Rs. 0.05 per cum.

CADA Nagpur: Revenue recovery per unit of water supplied on projects under this circle is 2.55 times the state norm.

Abundant Plan Group:

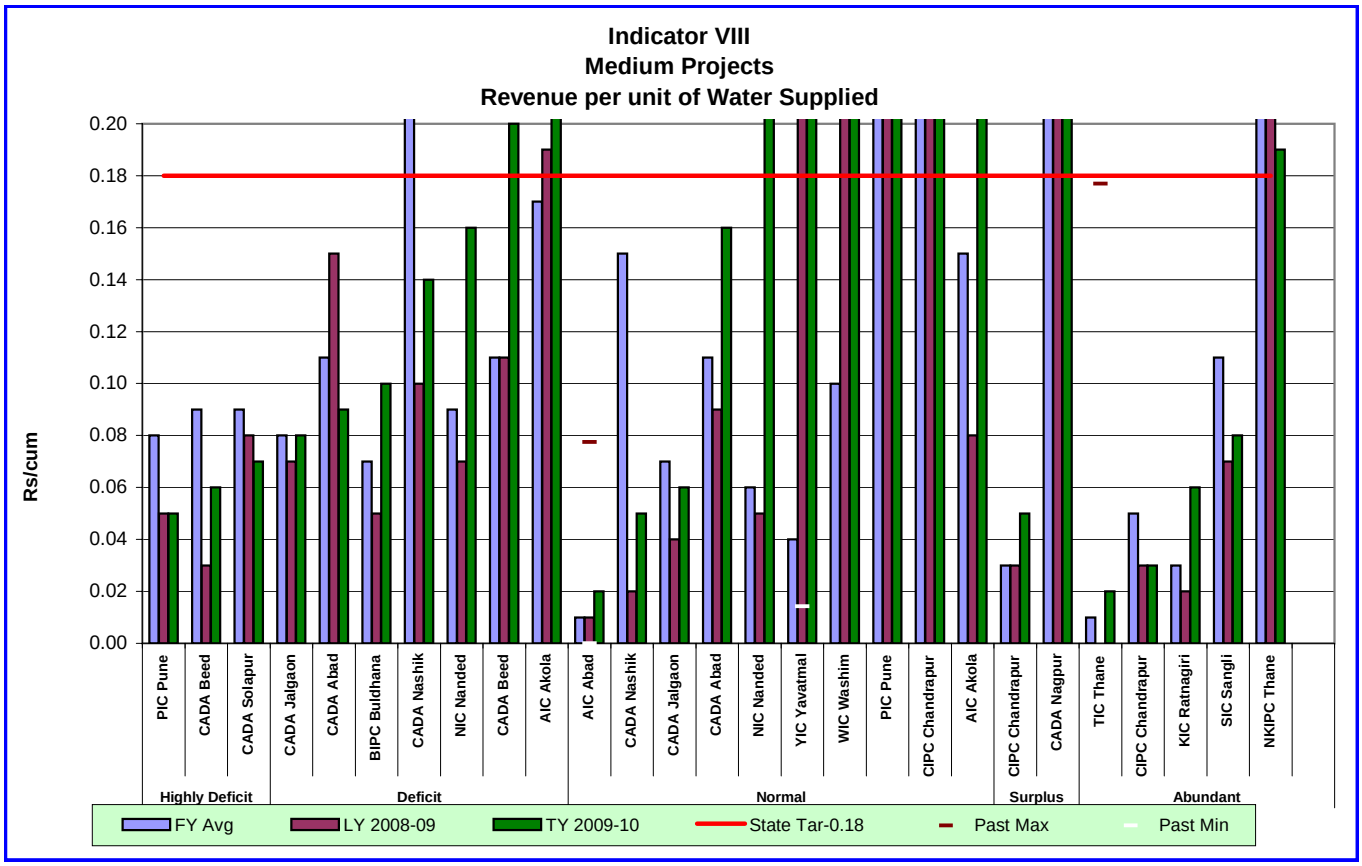
TIC Thane: Revenue per unit water supply is Rs. 0.02/cum.

CIPC Chandrapur: Revenue recovery per unit water supplied in the projects under this circle is very less in comparison with quantity of water supplied which resulted in decreasing the revenue per unit of water supplied to Rs. 0.03.

KIC Ratnagiri: In Natuwadi Project there is slight improvement in the ratio. However it is below the State target.

SIC Sangli: Revenue per unit water supply is Rs.0.08/ cum. There is slight improvement over last year.

NKIPC Thane: Hetwane project has achieved the Sate target. The ratio is 0.19.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	PIC Pune	0.08	0.05	0.05	1.36	0.23	0.06	0.18
	CADA Beed	0.09	0.03	0.06	1.28	0.25		0.18
	CADA Solapur	0.09	0.08	0.07	1.47	0.63		0.18
Deficit	CADA Jalgaon	0.08	0.07	0.08	3.99	0.41	0.14	0.18
	CADA Abad	0.11	0.15	0.09	7.93	0.62		0.18
	BIPC Buldhana	0.07	0.05	0.10	1.79	0.29		0.18
	CADA Nashik	0.24	0.1	0.14	1.40	0.22		0.18
	NIC Nanded	0.09	0.07	0.16	7.69	0.54		0.18
	CADA Beed	0.11	0.11	0.20	0.08	0.75		0.18
	AIC Akola	0.17	0.19	0.25	1.67	0.80		0.18
Normal	AIC Abad	0.01	0.01	0.02	1.20	0.00	0.16	0.18
	CADA Nashik	0.15	0.02	0.05	8.19	0.17		0.18
	CADA Jalgaon	0.07	0.04	0.06	1.50	0.38		0.18
	CADA Abad	0.11	0.09	0.16	3.47	0.56		0.18
	NIC Nanded	0.06	0.05	0.33	2.61	0.41		0.18
	YIC Yavatmal	0.04	0.27	0.35	3.65	0.01		0.18
	WIC Washim	0.10	0.26	0.41	7.22	0.66		0.18
	PIC Pune	0.25	0.37	0.44	2.09	1.32		0.18
	CIPC Chandrapur	0.41	0.5	0.55	0.38	3.24		0.18
	AIC Akola	0.15	0.08	0.79	3.17	0.57		0.18
Surplus	CIPC Chandrapur	0.03	0.03	0.05	0.18	0.26	0.25	0.18
	CADA Nagpur	0.23	0.26	0.46	0.60	1.85		0.18
Abundant	TIC Thane	0.01	0	0.02	4.60	0.05	0.08	0.18
	CIPC Chandrapur	0.05	0.03	0.03	1.51	0.26		0.18
	KIC Ratnagiri	0.03	0.02	0.06	3.66	0.10		0.18
	SIC Sangli	0.11	0.07	0.08	0.00	0.71		0.00
	NKIPC Thane	0.27	0.23	0.19	0.00	2.26		0.00
Note: Figures in red are not considered for calculating average performance.								

Indicator VIII
Medium Projects
Revenue per unit of Water Supplied1

Circle	Plangroup	Project	FY Avg	LY - 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed	Highly Deficit	Jakapur	0.03	0.00	0.00	0.36	0.00	0.07	0.18
CADA Beed		Ramganga	0.02	0.02	0.01	0.23	0.12		0.18
CADA Beed		Banganga	0.01	0.01	0.01	0.64	0.09		0.18
CADA Beed		Sakat	0.02	0.01	0.01	0.24	0.04		0.18
CADA Beed		Khandeshwar	0.02	0.03	0.01	0.26	0.14		0.18
CADA Solapur		Budhihal	0.15	0.09	0.02	27.41	0.43		0.18
CADA Beed		Talwar	0.04	0.02	0.02	2.16	0.18		0.18
CADA Beed		Kadi	0.03	0.04	0.02	0.48	0.00		0.18
PIC Pune		Sina	0.02	0.02	0.03	0.21	0.17		0.18
CADA Beed		Kada	0.07	0.08	0.03	2.04	0.23		0.18
CADA Beed		Khasapur	0.01	0.01	0.03	0.58	0.02		0.18
PIC Pune		Mhaswad	0.03	0.03	0.04	0.34	0.11		0.18
CADA Beed		Kambli	0.06	0.05	0.04	0.63	0.00		0.18
CADA Beed		Harni	0.01	0.03	0.05	0.26	0.00		0.18
PIC Pune		Tisangi	0.13	0.17	0.06	1.85	0.24		0.18
CADA Solapur		Jawalgaon	0.07	0.08	0.06	2.46	0.54		0.18
PIC Pune		Khairy	0.04	0.08	0.06	0.84	0.22		0.18
CADA Beed		Chandani	0.32	0.02	0.06	92.00	0.08		0.18
PIC Pune		Ranand	0.05	0.03	0.06	1.06	0.34		0.18
CADA Beed		Rooty	0.04	0.03	0.07	0.51	0.00		0.18
CADA Solapur		Mangi	0.06	0.04	0.07	0.97	0.41		0.18
CADA Solapur		Hingani (Pangaon)	0.05	0.11	0.07	1.14	0.29		0.18
CADA Beed		Turori	0.07	0.00	0.07	1.42	0.00		0.18
CADA Beed		Kurnoor	0.12	0.06	0.07	2.15	0.18		0.18
CADA Beed		Benitura	0.04	0.03	0.12	1.18	0.03		0.18
CADA Solapur		Ekrukh	0.31	0.09	0.12	13.33	0.80		0.18
PIC Pune		Nher	1.17	2.26	0.13	32.73	0.51		0.18
PIC Pune		Andhali	0.11	0.29	0.16	2.94	0.11		0.18
CADA Beed		Mehakari	0.03	0.04	0.18	0.44	0.00		0.18
CADA Beed		Khandala	0.68	0.05	0.23	68.67	0.25		0.18
CADA Beed	Deficit	Devarjan	0.07	0.08	0.00	0.81	0.60	0.12	0.18
CADA Abad		Jivrekha	0.07	0.08	0.00	1.54	0.36		0.18
CADA Beed		Sindphana	0.10	0.08	0.00	1.21	0.31		0.18
CADA Beed		Masalga	0.03	0.09	0.00	0.85	0.00		0.18
NIC Nanded		Mahalingi	0.03	0.00	0.00	3.45	0.00		0.18
CADA Beed		Belpara	0.02	0.04	0.00	0.37	0.01		0.18
CADA Abad		Dhamna	0.06	0.17	0.00	1.68	0.00		0.18
CADA Nashik		Nagyasakya	0.25	0.03	0.01	12.98	0.15		0.18
CADA Beed		Sangameshwar (Dokewadi)	0.01	0.01	0.01	0.59	0.05		0.18
CADA Abad		Galhati	0.02	0.02	0.02	0.25	0.11		0.18
BIPC Buldhana		Torna	0.02	0.03	0.02	6.75	0.08		0.18
CADA Beed		Bodhegaon	0.07	0.07	0.02	1.23	0.00		0.18
CADA Jalgaon		Kanoli	0.08	0.03	0.02	2.33	0.18		0.18
CADA Beed		Mahasangvi	0.03	0.02	0.03	0.55	0.23		0.18
NIC Nanded		Pethwadaj	0.04	0.00	0.04	0.54	0.00		0.18
CADA Beed		Tiru	0.06	0.14	0.04	1.40	0.23		0.18
CADA Beed		Renapur	0.03	0.03	0.04	0.32	0.04		0.18
CADA Abad		Karpara	0.01	0.00	0.04	0.51	0.00		0.18
CADA Abad		Ajantha Andhari	0.85	2.01	0.04	20.15	0.46		0.18
AIC Akola		Nirguna	0.06	0.06	0.05	0.67	0.00		0.18
CADA Jalgaon		Burai	0.02	0.01	0.05	0.29	0.09		0.18
CADA Abad		Purna Nevpur	0.10	0.05	0.06	2.35	0.36		0.18
CADA Jalgaon		Rangawali	0.04	0.05	0.06	0.51	0.30		0.18
AIC Akola		Uma	0.10	0.41	0.06	160.15	0.49		0.18
CADA Abad		Khelna	0.36	0.98	0.06	9.82	0.50		0.18

Circle	Plangroup	Project	FY Avg	LY - 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
AIC Akola		Paldhag	0.10	0.11	0.08	12.75	0.70		0.18
CADA Jalgaon		Manyad	0.07	0.06	0.08	1.42	0.10		0.18
CADA Abad		Lahuki	0.12	0.36	0.09	3.63	0.00		0.18
CADA Abad		Anjana Palashi	0.07	0.04	0.09	1.01	0.00		0.18
CADA Jalgaon		Hiwara	0.09	0.07	0.09	1.93	0.21		0.18
NIC Nanded		Kundrala	0.08	0.00	0.09	2.68	0.01		0.18
AIC Akola		Shahanoor	0.19	0.09	0.09	2.50	0.90		0.18
CADA Beed		Raigavan	0.05	0.04	0.10	2.02	0.36		0.18
CADA Jalgaon		Bori	0.16	0.18	0.10	2.95	0.66		0.18
CADA Beed		Saraswati	0.04	0.03	0.11	0.59	0.00		0.18
CADA Abad		Girja	0.10	0.07	0.12	2.42	0.23		0.18
CADA Abad		Gadadgad	0.14	0.24	0.12	3.04	0.19		0.18
AIC Akola		Mas	0.09	0.17	0.12	2.77	0.54		0.18
CADA Beed		Sakol	0.25	0.08	0.13	9.12	0.57		0.18
CADA Abad		Jui	0.10	0.14	0.13	2.86	0.00		0.18
CADA Jalgaon		Bhokarbari	0.07	0.12	0.15	1.20	0.25		0.18
CADA Abad		Pir Kalyan	0.08	0.12	0.16	1.47	0.37		0.18
CADA Beed		Whati	0.06	0.11	0.16	1.51	0.43		0.18
CADA Nashik		Kelzar	0.41	0.14	0.17	14.62	0.47		0.18
AIC Akola		Morna (Akola)	0.06	0.17	0.17	9.65	0.44		0.18
CADA Jalgaon		Agnawati	0.17	0.20	0.17	1.96	0.00		0.18
NIC Nanded		Kudala	0.04	0.00	0.18	1.30	0.00		0.18
NIC Nanded		Karadkhed	0.14	0.17	0.19	3.48	0.99		0.18
BIPC Buldhana		Mun	0.06	0.05	0.19	3.91	0.31		0.18
CADA Nashik		Haranbari	0.26	0.11	0.20	5.69	0.12		0.18
CADA Beed		Kundlika	0.08	0.08	0.20	1.42	0.61		0.18
CADA Abad		Masoli	0.04	0.12	0.22	1.23	0.14		0.18
CADA Beed		Wan (Beed)	0.28	0.22	0.22	5.61	2.18		0.18
CADA Abad		Sukhna	0.13	0.13	0.24	2.06	0.22		0.18
CADA Beed		Gharni	0.07	0.06	0.24	0.84	0.60		0.18
CADA Beed		Rui	0.06	0.00	0.25	1.37	0.01		0.18
CADA Jalgaon		Tondapur	0.25	0.11	0.28	6.04	0.83		0.18
CADA Abad		Kalyan Girja	0.09	0.05	0.32	2.03	0.30		0.18
CADA Beed		Bindusara	0.13	0.03	0.33	3.63	0.26		0.18
CADA Beed		Terna	0.34	0.26	0.46	8.26	0.99		0.18
CADA Beed		Tawarja	0.13	0.22	0.75	2.18	0.40		0.18
CADA Beed		Borna	0.03	0.17	1.14	1.71	0.02		0.18
AIC Akola		Dnyanganga	0.26	0.46	4.44	21.60	0.51		0.18
NIC Nanded	Normal	Loni	0.08	0.18	0.00	1.82	0.35	0.10	0.18
CADA Abad		Bor Dahegaon	0.02	0.00	0.00	0.69	0.00		0.18
CIPC Chandrapur		Amal Nala	1.31	1.96	0.00	81.14	9.93		0.18
AIC Abad		Shivna Takali	0.01	0.01	0.02	0.08	0.00		0.18
CIPC Chandrapur		Pothra	0.03	0.05	0.02	0.46	0.17		0.18
CADA Nashik		Bhojapur	0.17	0.00	0.03	1.69	0.00		0.18
CIPC Chandrapur		Panchadhara	0.05	0.03	0.03	1.03	0.27		0.18
CADA Jalgaon		Panzra	0.08	0.02	0.03	1.29	0.22		0.18
CADA Jalgaon		Malangaon	0.13	0.05	0.03	3.28	0.28		0.18
CIPC Chandrapur		Chandai	0.04	0.01	0.03	0.57	0.13		0.18
CADA Abad		Dheku	0.21	0.04	0.04	92.38	0.44		0.18
CADA Nashik		Mand Ohol	0.02	0.04	0.04	0.36	0.04		0.18
PIC Pune		Kasarsai	0.07	0.10	0.05	0.99	0.22		0.18
CIPC Chandrapur		Dongargaon (Chandrapur)	0.03	0.05	0.05	1.64	0.14		0.18
CADA Nashik		Ghatshil Pargaon	0.03	0.03	0.05	0.51	0.00		0.18
WIC Washim		Sonal	0.07	0.44	0.05	4.37	0.58		0.18
CADA Jalgaon		Suki	0.06	0.05	0.05	1.11	0.28		0.18
CADA Jalgaon		Aner	0.05	0.02	0.06	1.43	0.24		0.18
CADA Nashik		Adhala	0.05	0.03	0.06	0.69	0.30		0.18

Circle	Plangroup	Project	FY Avg	LY - 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
AIC Akola		Borgaon	0.95	0.26	0.07	92.00	0.00		0.18
CADA Nashik		Alandi	0.16	0.01	0.07	1.69	0.06		0.18
CADA Abad		Ambadi	0.29	0.28	0.10	8.41	0.17		0.18
CADA Jalgaon		Karwand	0.18	0.09	0.10	3.51	0.83		0.18
CADA Abad		Kolhi	0.09	0.02	0.10	2.55	0.00		0.18
CADA Jalgaon		Abhora	0.08	0.05	0.11	1.54	0.46		0.18
CADA Abad		Tembhapuri	0.03	0.14	0.23	1.35	0.10		0.18
YIC Yavatmal		Navargaon	0.10	0.12	0.25	1.82	0.00		0.18
AIC Akola		Saikheda	0.09	0.07	0.29	1.39	0.51		0.18
NIC Nanded		Nagzari	0.08	0.00	0.29	2.84	0.01		0.18
AIC Akola		Koradi	0.12	0.30	0.33	3.00	0.54		0.18
PIC Pune		Nazare	0.35	0.39	0.37	4.06	2.97		0.18
YIC Yavatmal		Adan	0.02	0.54	0.39	5.45	0.00		0.18
WIC Washim		Ekburji	0.15	0.25	0.45	2.50	0.80		0.18
PIC Pune		Vadiwale	0.26	0.46	0.74	4.59	0.10		0.18
NIC Nanded		Dongargaon (Nanded)	0.02	0.00	0.77	0.28	0.00		0.18
AIC Akola		Lowerpus	0.12	0.06	1.49	64.86	0.17		0.18
CADA Abad		Narangi	0.03	0.04	22.56	0.44	0.00		0.18
CADA Nagpur	Surplus	Bodalkasa	0.07	0.00	0.00	1.22	0.03	0.13	0.18
CADA Nagpur		Chorakhmara	0.06	0.00	0.00	1.09	0.00		0.18
CADA Nagpur		Sangrampur	0.07	0.00	0.00	1.40	0.01		0.18
CADA Nagpur		Bagheda	0.03	0.02	0.01	0.36	0.20		0.18
CADA Nagpur		Managadh	0.03	0.00	0.02	0.61	0.02		0.18
CADA Nagpur		Chulband	0.05	0.01	0.02	0.87	0.11		0.18
CADA Nagpur		Rengepar	0.07	0.02	0.03	1.11	0.22		0.18
CADA Nagpur		Khairbanda	0.10	0.01	0.03	1.73	0.15		0.18
CIPC Chandrapur		Chargaon	0.03	0.03	0.04	0.51	0.24		0.18
CADA Nagpur		Betekar Bothali	0.04	0.04	0.06	0.51	0.04		0.18
CADA Nagpur		Sorna	0.05	0.04	0.07	0.68	0.03		0.18
CADA Nagpur		Chandpur	0.38	0.04	0.08	88.46	0.22		0.18
CIPC Chandrapur		Labhansarad	0.03	0.04	0.08	0.54	0.19		0.18
CADA Nagpur		Kesarnala	0.06	0.11	0.17	1.09	0.36		0.18
CADA Nagpur		Kanholibara	0.04	0.03	0.25	0.44	0.30		0.18
CADA Nagpur		Mordham	0.05	0.09	0.26	1.12	0.50		0.18
CADA Nagpur		Pandhrabodi	0.10	0.00	0.30	0.97	0.00		0.18
CADA Nagpur		Umri	0.04	0.03	0.33	0.89	0.28		0.18
CADA Nagpur		Chandrabhaga (Nagpur)	0.05	0.07	0.36	0.90	0.47		0.18
CADA Nagpur		Kolar	0.11	0.12	0.38	5.83	0.74		0.18
CADA Nagpur		Khekranala	0.03	0.16	0.39	4.27	0.06		0.18
CADA Nagpur		Makardhokada-Saiki Complex	0.07	0.37	0.47	3.70	0.30		0.18
CADA Nagpur		Wunna	2.55	3.05	5.85	30.55	22.62		0.18
SIC Sangli	Abundant	Kasari	0.05	0.04	0.00	0.97	0.39	0.08	0.18
TIC Thane		Wandri	0.01	0.00	0.01	0.07	0.04		0.18
CIPC Chandrapur		Naleshwar	0.04	0.02	0.02	0.60	0.17		0.18
SIC Sangli		Kadavi	0.07	0.08	0.04	0.99	0.27		0.18
SIC Sangli		Kumbhi	0.08	0.08	0.04	1.10	0.44		0.18
TIC Thane		Rajanala	0.01	0.01	0.04	0.26	0.05		0.18
CIPC Chandrapur		Ghorazari	0.05	0.03	0.04	0.66	0.30		0.18
KIC Ratnagiri		Natuwadi	0.04	0.02	0.06	4.60	0.10		0.18
SIC Sangli		Patgaon	0.11	0.08	0.09	1.56	0.66		0.18
SIC Sangli		Chikotra	0.10	0.08	0.12	1.59	0.37		0.18
SIC Sangli		Jangamhatti	0.22	0.00	0.15	2.45	2.08		0.18
NKIPC Thane		Hetwane	0.27	0.23	0.19	3.66	2.26		0.18
SIC Sangli		Chitri	0.22	0.00	0.21	2.90	1.42		0.18

Note: Figures in red are not considered for calculating average performance.

Indicator XI: Equity Performance

Highly Deficit Plan Group:

PIC Pune: - Average potential utilisation in seven medium projects is higher in Head reach and low in middle & tail reach.

Deficit Plan Group:

AIC Akola: Irrigation intensity in middle reach is 25% of intensity in head reach. Nominal area is irrigated in tail reach.

BIPC Buldhana: Irrigation intensity in tail reach is 7% of intensity in middle reach. Intensity in head and middle reach is similar.

CADA Jalgaon: The indicator values for Head, Middle & Tail reach are 0.33, 0.26 &0.0.24 respectively.

CADA Nashik: The indicator values for Head, Middle & Tail reach is 0.09.

UWPC Amrawati: Irrigation is concentrated in head reach.

Normal Plan Group:

AIC Akola: Irrigation is done in head reach only.

CADA Jalgaon: The indicator values for Head, Middle & Tail reach are 0.40, 0.34 & 0.24 respectively.

CADA Nashik: The indicator values for Head, Middle & Tail reach are 0.28, 0.24 & 0.23 respectively.

CIPC Chandrapur: There is nearly equitable distribution of area irrigated in head, middle and tail reaches.

PIC Pune: - In three projects potential utilisation in tail reach is more than middle & head reach.

WIC Washim: Irrigation is done in head reach only.

Surplus Plan Group:

CADA Nagpur: There is nearly equitable distribution of area irrigated in head, middle and tail reaches.

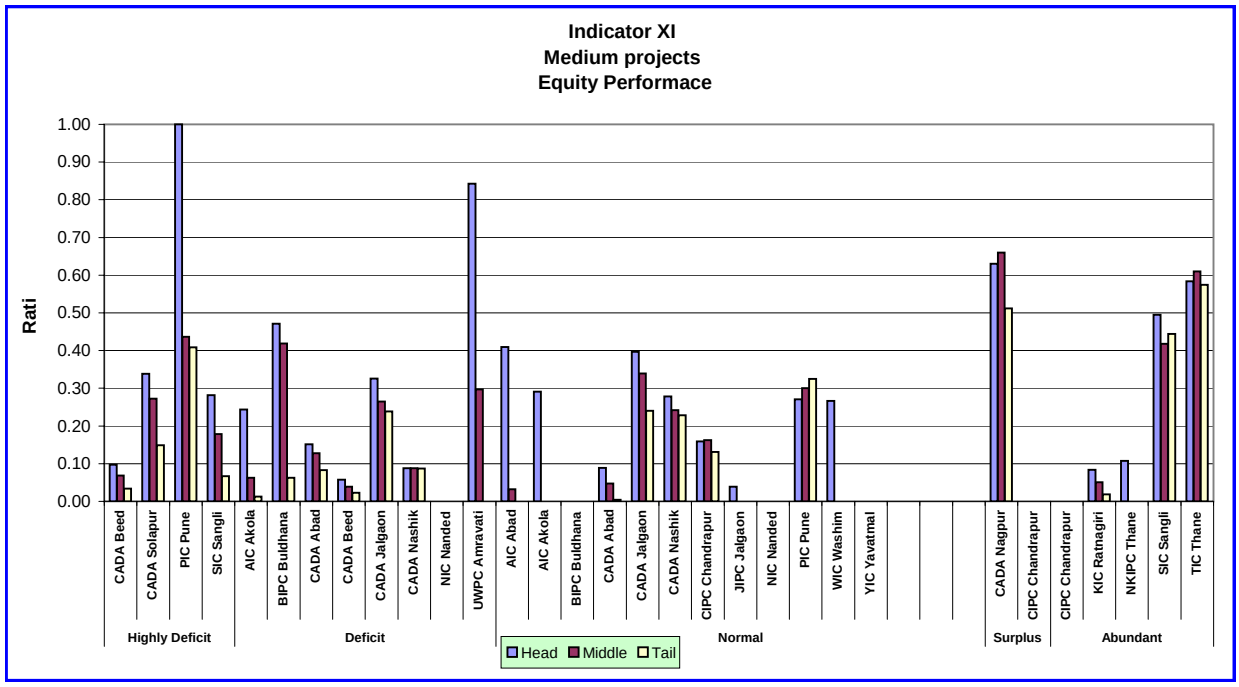
CIPC Chandrapur: The data is not supplied by the authorities.

Abundant Plan Group:

CIPC Chandrapur: The data is not supplied by the authorities.

KIC Ratnagiri: - In Natuwadi project irrigation potential utilization ratio is 0.08, 0.05, and 0.02 at head; middle and tail reach of command area

NKIPC Thane: In Hetwane project potential utilisation is in head reach only, as the canal system is under construction for middle & tail reaches.



Plangroup	Circle	2009-10		
		Head	Middle	Tail
Highly Deficit	CADA Beed	0.10	0.07	0.03
	CADA Solapur	0.34	0.27	0.15
	PIC Pune	1.00	0.44	0.41
	SIC Sangli	0.28	0.18	0.07
Deficit	AIC Akola	0.24	0.06	0.01
	BIPC Buldhana	0.47	0.42	0.06
	CADA Abad	0.15	0.13	0.08
	CADA Beed	0.06	0.04	0.02
	CADA Jalgaon	0.33	0.26	0.24
	CADA Nashik	0.09	0.09	0.09
	NIC Nanded	0.00	0.00	0.00
	UWPC Amravati	0.84	0.30	0.00
Normal	AIC Abad	0.41	0.03	0.00
	AIC Akola	0.29	0.00	0.00
	BIPC Buldhana	0.00	0.00	0.00
	CADA Abad	0.09	0.05	0.00
	CADA Jalgaon	0.40	0.34	0.24
	CADA Nashik	0.28	0.24	0.23
	CIPC Chandrapur	0.16	0.16	0.13
	JIPC Jalgaon	0.04	0.00	0.00
	NIC Nanded	0.00	0.00	0.00
	PIC Pune	0.27	0.30	0.32
	WIC Washim	0.27	0.00	0.00
	YIC Yavatmal	0.00	0.00	0.00
Surplus	CADA Nagpur	0.63	0.66	0.51
	CIPC Chandrapur	0.00	0.00	0.00
Abundant	CIPC Chandrapur	0.00	0.00	0.00
	KIC Ratnagiri	0.08	0.05	0.02
	NKIPC Thane	0.11	0.00	0.00
	SIC Sangli	0.49	0.42	0.44
	TIC Thane	0.58	0.61	0.57

Indicator XI
Medium projects
Equity Performace

Circle	Plan Group	Project	Head	Middle	Tail
CADA Beed	Highly Deficit	Banganga	0.15	0.00	0.00
		Benitura	0.00	0.00	0.00
		Chandani	0.11	0.00	0.00
		Harni	0.13	0.00	0.00
		Jakapur	0.00	0.00	0.00
		Kada	0.06	0.05	0.03
		Kadi	0.09	0.06	0.00
		Kambli	0.07	0.06	0.02
		Khandala	0.00	0.00	0.00
		Khandeshwar	0.07	0.00	0.00
		Khasapur	0.19	0.17	0.00
		Kurnoor	0.15	0.28	0.33
		Mehakari	0.05	0.03	0.00
		Ramganga	0.09	0.15	0.06
		Rooty	0.05	0.02	0.00
		Sakat	0.17	0.15	0.00
		Talwar	0.00	0.00	0.00
		Turori	0.00	0.00	0.00
CADA Solapur		Ashti	1.00	1.00	0.80
		Bori (Solapur)	0.00	0.00	0.00
		Budhihal	1.00	0.93	0.93
		Ekrukh	0.00	0.00	0.00
		Hingani (Pangaon)	0.26	0.18	0.06
		Jawalgaon	0.08	0.07	0.04
		Mangi	0.63	0.51	0.19
PIC Pune		Andhali	0.70	0.07	0.00
		Khairy	0.58	0.58	0.49
		Mhaswad	1.00	0.82	0.88
		Nher	0.32	0.49	0.05
		Ranand	0.83	0.06	0.26
		Sina	1.00	0.08	0.08
		Tisangi	0.92	0.92	0.92
SIC Sangli		Basappawadi	0.00	0.00	0.00
		Dodda Nalla	0.38	0.31	0.03
		Sankh	0.11	0.10	0.05
		Siddhewadi	0.86	0.50	0.25
AIC Akola	Deficit	Dnyanganga	0.00	0.00	0.00
		Mas	0.00	0.00	0.00
		Morna (Akola)	0.57	0.00	0.00
		Nirguna	0.53	0.00	0.00
		Paldhag	0.79	0.60	0.00
		Shahanoor	0.08	0.07	0.01
		Uma	0.00	0.00	0.00
BIPC Buldhana		Mun	0.47	0.71	0.00
		Torna	0.16	0.29	0.54
		Utawali	0.86	0.28	0.09
CADA Abad		Ajantha Andhari	1.00	1.00	1.00
		Anjana Palashi	0.00	0.00	0.00
		Dhamna	0.00	0.00	0.00
		Gadadgad	0.33	0.33	0.28
		Galhati	0.18	0.14	0.14
		Girja	0.00	0.00	0.00
		Jivrekha	0.00	0.00	0.00
		Jui	0.00	0.00	0.00
		Kalyan Girja	0.08	0.12	0.00

Circle	Plan Group	Project	Head	Middle	Tail
		Karpara	0.37	0.49	0.00
		Khelna	0.25	0.25	0.25
		Lahuki	0.00	0.00	0.00
CADA Abad		Masoli	0.00	0.00	0.00
		Pir Kalyan	0.00	0.00	0.00
		Purna Nevpur	0.25	0.20	0.00
		Sukhna	0.36	0.12	0.10
		Upper Dudhana	0.00	0.00	0.00
		Wakod	0.00	0.00	0.00
CADA Beed		Belpara	0.04	0.01	0.00
		Bindusara	0.14	0.19	0.18
		Bodhegaon	0.05	0.02	0.00
		Borna	0.00	0.00	0.00
		Devarjan	0.00	0.00	0.00
		Gharni	0.00	0.00	0.00
		Kundlika	0.09	0.17	0.09
		Mahasangvi	0.04	0.05	0.03
		Masalga	0.00	0.00	0.00
		Raigavan	0.00	0.00	0.00
		Renapur	0.49	0.00	0.00
		Rui	0.00	0.00	0.00
		Sakol	0.00	0.00	0.00
		Sangameshwar (Dokewadi)	0.00	0.00	0.00
		Saraswati	0.06	0.05	0.00
		Sindphana	0.31	0.29	0.48
		Tawarja	0.00	0.00	0.00
		Terna	0.00	0.00	0.00
		Tiru	0.00	0.00	0.00
		Waghe Babhulgaon	0.00	0.00	0.00
		Wan (Beed)	0.03	0.03	0.00
		Whati	0.00	0.00	0.00
CADA Jalgaon		Agnawati	0.02	0.07	0.05
		Bhokarbari	0.06	0.01	0.01
		Bori	0.26	0.26	0.35
		Burai	0.67	0.34	0.33
		Hiwara	0.21	0.20	0.12
		Kanoli	0.69	0.60	0.46
		Manyad	0.47	0.41	0.29
		Rangawali	0.11	0.11	0.11
		Tondapur	0.00	0.00	0.00
CADA Nashik		Haranbari	0.05	0.05	0.05
		Kelzar	0.05	0.05	0.05
		Nagyasakya	0.36	0.36	0.36
NIC Nanded		Karadkhed	0.00	0.00	0.00
		Kudala	0.00	0.00	0.00
		Kundrala	0.00	0.00	0.00
		Mahalingi	0.00	0.00	0.00
		Pethwadaj	0.00	0.00	0.00
UWPC Amravati		Chandrabhaga (Amravati)	0.00	0.00	0.00
		Purna (Achalpur)	0.22	0.00	0.00
AIC Abad	Normal	Shivna Takali	0.41	0.03	0.00
AIC Akola		Borgaon	0.00	0.00	0.00
		Goki	0.50	0.00	0.00
		Koradi	0.00	0.00	0.00
		Lowerpus	0.33	0.00	0.00
		Saikheda	0.00	0.00	0.00
		Waghadi	0.15	0.00	0.00

Circle	Plan Group	Project	Head	Middle	Tail
BIPC Buldhana		Pen Takli	0.00	0.00	0.00
CADA Abad		Ambadi	0.28	0.14	0.00
		Bor Dahegaon	0.00	0.00	0.00
		Dheku	0.06	0.04	0.02
		Kolhi	0.16	0.00	0.00
CADA Abad		Narangi	0.00	0.00	0.00
		Tembhapuri	0.06	0.04	0.00
CADA Jalgaon		Abhora	0.37	0.37	0.18
		Aner	0.54	0.46	0.42
		Karwand	0.40	0.37	0.20
		Malangaon	0.37	0.40	0.26
		Panzra	0.44	0.31	0.13
		Sonwad	0.27	0.16	0.36
		Suki	0.21	0.23	0.13
CADA Nashik		Adhala	0.46	0.47	0.45
		Alandi	0.26	0.22	0.20
		Bhojapur	0.35	0.19	0.17
		Ghatshil Pargaon	0.12	0.13	0.09
		Mand Ohol	0.06	0.10	0.11
CIPC Chandrapur		Amal Nala	0.00	0.00	0.00
		Chandai	0.00	0.00	0.00
		Dham	0.21	0.22	0.17
		Dongargaon (Chandrapur)	0.36	0.41	0.36
		Dongargaon (Wardha)	0.36	0.41	0.36
		Panchadhara	0.15	0.20	0.11
		Pothra	0.23	0.20	0.18
JIPC Jalgaon		Bahula	0.00	0.00	0.00
		Bhokar (Mangrul)	0.00	0.00	0.00
		Mor	0.08	0.00	0.00
NIC Nanded		Dongargaon (Nanded)	0.00	0.00	0.00
		Loni	0.00	0.00	0.00
		Nagzari	0.00	0.00	0.00
PIC Pune		Kasarsai	0.00	0.00	0.00
		Nazare	1.00	0.95	1.00
		Vadiwale	0.00	0.00	0.00
WIC Washim		Ekburji	0.60	0.00	0.00
		Sonal	0.01	0.00	0.00
YIC Yavatmal		Adan	0.00	0.00	0.00
		Navargaon	0.00	0.00	0.00
CADA Nagpur	Surplus	Bagheda	1.00	1.00	1.00
		Betekar Bothali	1.00	1.00	1.00
		Bodalkasa	0.67	0.83	0.67
		Chandpur	1.00	1.00	1.00
		Chandrabhaga (Nagpur)	0.10	0.13	0.05
		Chorakhmara	0.89	0.62	0.00
		Chulband	0.87	0.87	0.79
		Kanholibara	0.90	0.78	0.49
		Kesarnala	0.00	0.00	0.00
		Khairbanda	0.93	0.99	0.99
		Khekranala	0.02	0.34	0.11
		Kolar	0.07	0.20	0.08
		Makardhokada-Saiki Complex	0.48	0.54	0.36
		Managadh	0.97	0.96	0.96
		Mordham	0.19	0.18	0.01
		Pandhrabodi	0.32	0.75	0.39
		Rengepar	1.00	1.00	1.00
		Sangrampur	0.90	0.89	0.66

Circle	Plan Group	Project	Head	Middle	Tail
		Sorna	1.00	1.00	1.00
		Tekepar LIS	1.00	1.00	1.00
		Umri	0.27	0.11	0.21
		Wunna	0.17	0.00	0.00
CIPC Chandrapur		Chargaon	0.00	0.00	0.00
		Labhansarad	0.00	0.00	0.00
	Abundant	Ghorazari	0.00	0.00	0.00
		Naleshwar	0.00	0.00	0.00
KIC Ratnagiri		Natuwadi	0.08	0.05	0.02
NKIPC Thane		Hetwane	0.11	0.00	0.00
SIC Sangli		Chikotra	0.50	0.50	0.50
		Chitri	0.00	0.00	0.00
		Ghatprabha (Pathakwadi)	0.00	0.00	0.00
		Jangamhatti	0.00	0.00	0.00
		Kadavi	0.21	0.21	0.21
		Kasari	0.56	0.56	0.56
		KC &Khodshi Backwater	0.76	0.43	0.58
		Kumbhi	0.00	0.00	0.00
		Morna (Sangli)	0.60	0.60	0.60
		Patgaon	0.37	0.37	0.37
TIC Thane		Rajanala	1.00	1.00	0.83
		Wandri	0.33	0.33	0.33

Indicator XII: Assessment recovery ratio (I)

Highly deficit plan group:

CADA Solapur: It increased from 64 % to 74 % compared to last year.

CADA Beed: The average value of this indicator for projects under this circle had slightly increased from 0.47 to 0.50. Mehkari, Talwar, Ruti & Khandala have attained the state norms i.e., 100% recovery. Kadi and Kambli have good performance they have attained 83 to 89% recoveries. In Turori & Jakapur there is no irrigation, whereas in Harni there is only 6% recovery against assessment.

PIC Pune: Average assessment recovery ratio in seven medium projects under this circle comes to 0.95 this year.

Deficit Plan group:

NIC Nanded: The average value of this indicator for projects under this circle has decreased from 0.01 to 0. Out of five projects in two projects only there is some irrigated area which is not assessed. Project authorities are advised to sanction the "Akarani Takte" within the stipulated period.

AIC Akola: Recovery against assessment is less.

BIPC Buldhana: Recovery against assessment is less.

CADA Aurangabad: The average value of this indicator for projects under this circle has increased from 0.31 to 0.51. Girija, Kalyan Girija & Purna Nevpur have attained 100% recovery. Khelna & Anjana Palashi have attained 90% recovery.

CADA Nashik: The ratio is improved from 0.52 (2008-09) to 0.60 (2009-10). There is much scope to improve the performance in Kelzar (0.51) & Nagya Sakya (0.33) projects.

CADA Jalgaon: The ratio increased from 0.49 (2008-09) to 0.84 (2009-10). More attention is required by the field officers to improve the performance in all the projects except Burai(1.00) & Kanoli (1.00).

CADA Beed: The average value of this indicator for projects under this circle has increased from 0.15 to 1.0**.** Raigavan and Mahasangvi project has ratio 1.0. Rest of the projects have either zero or very low ratio as there seems to be no recovery against assessment.

Normal Plan group:

YIC Yavatmal: Very low recovery is done against assessment.

NIC Nanded: The average value of this indicator for projects under this circle has decreased from 0.02 to 0.00. All the three projects namely Nagzari, Dongargaon & Loni had no assessment or recovery.

AIC Akola: Very less recovery is the reason for low assessment recovery ratio.

CADA Aurangabad: The average value of this indicator for projects under this circle has decreased drastically from 0.93 to 0.17. Dheku, Kolhi & Tembhapuri project achieved 100% recovery. Ambadi had 0.21 lakh recovery against 11.43 lakh assessment, whereas in Bor Dahegaon there is no irrigation due to non-availability of water, these two projects affected to decrease overall ratio of the circle.

CIPC Chandrapur: There is no improvement in recovery of irrigation water supply as compared to last year. It is 48% of the target.

CADA Jalgaon: The ratio lowered from 0.75 (2008-09) to 0.55 (2009-10) which is below state norm. The improvement is necessary specifically in Abhora (0.20), Aner (0.58), Karwand (0.55) & Suki (0.32) projects.

CADA Nashik: The ratio is improved from 0.09 (2008-09) to 0.87 (2009-10). Field officers are required to take necessary steps to improve the performance in Bhojapur project (0.76).

PIC Pune: In all the three projects the ratio is 0.93, shows better recovery.

AIC Aurangabad: The average performance is retained with last year's value i.e. 1.0

WIC Washim: Assessment recovery ratio appears to be one but assessment is not for current year.

Surplus Plan Group:

CADA Nagpur: Assessment recovery of this circle is just 14% of the target. There is no improvement in the recovery as compared to last year.

CIPC Chandrapur: Recovery is satisfactory.

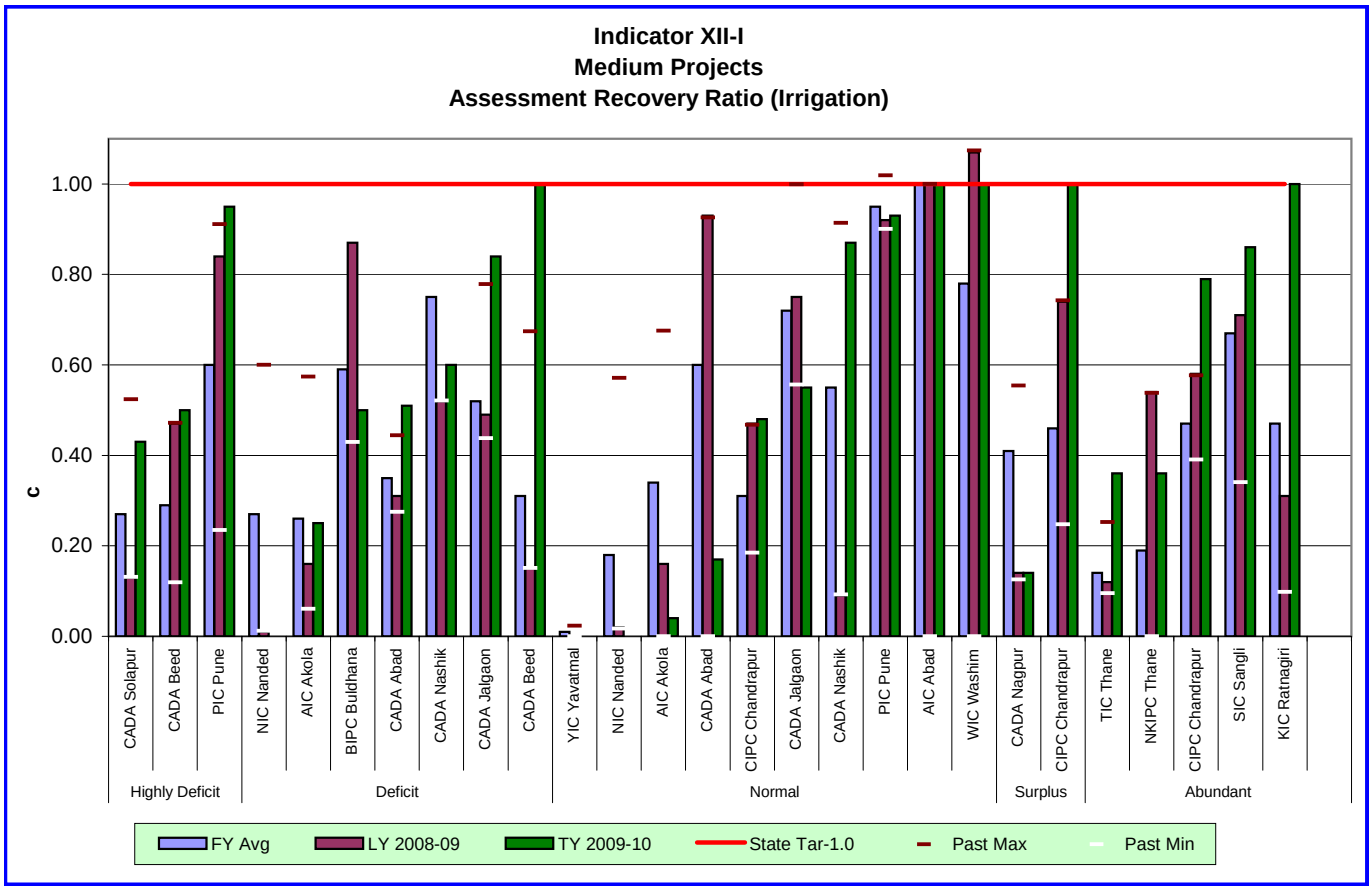
Abundant Plan Group:

TIC Thane: The recovery is improved from 12 to 36% compared to last year.

CIPC Chandrapur: Assessment recovery ratio is above 75% of the target.

SIC Sangli: The ratio increased from 71 to 86% over last year.

KIC Ratnagiri: In Natuwadi project the ratio increased to 1.00 from 0.31 of last year due to increase in recovery. Though the recovery increased from Rs.54000 to 78000, the assessment decreased from Rs. 1.74 lakh to Rs.0.78 lakh.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Solapur	0.27	0.13	0.43	0.52	0.13	0.63	1
	CADA Beed	0.29	0.47	0.50	0.47	0.12		1
	PIC Pune	0.60	0.84	0.95	0.91	0.23		1
Deficit	NIC Nanded	0.27	0.01	0.00	0.60	0.01	0.62	1
	AIC Akola	0.26	0.16	0.25	0.57	0.06		1
	BIPC Buldhana	0.59	0.87	0.50	6.25	0.43		1
	CADA Abad	0.35	0.31	0.51	0.44	0.27		1
	CADA Nashik	0.75	0.52	0.60	1.40	0.52		1
	CADA Jalgaon	0.52	0.49	0.84	0.78	0.44		1
	CADA Beed	0.31	0.15	1.00	0.67	0.15		1
Normal	YIC Yavatmal	0.01	0.00	0.00	0.02	0.00	0.63	1
	NIC Nanded	0.18	0.02	0.00	0.57	0.02		1
	AIC Akola	0.34	0.16	0.04	0.68	0.00		1
	CADA Abad	0.60	0.93	0.17	0.93	0.00		1
	CIPC Chandrapur	0.31	0.47	0.48	0.47	0.18		1
	CADA Jalgaon	0.72	0.75	0.55	1.00	0.56		1
	CADA Nashik	0.55	0.09	0.87	0.91	0.09		1
	PIC Pune	0.95	0.92	0.93	1.02	0.90		1
	AIC Abad	1.00	1.00	1.00	1.00	0.00		1
	WIC Washim	0.78	1.07	1.00	1.07	0.00		1
Surplus	CADA Nagpur	0.41	0.14	0.14	0.55	0.13	0.57	1
	CIPC Chandrapur	0.46	0.74	1.00	0.74	0.25		1
Abundant	TIC Thane	0.14	0.12	0.36	0.25	0.10	0.67	1
	NKIPC Thane	0.19	0.54	0.36	0.54	0.00		1
	CIPC Chandrapur	0.47	0.58	0.79	0.58	0.39		1
	SIC Sangli	0.67	0.71	0.86	1.10	0.34		1
	KIC Ratnagiri	0.47	0.31	1.00	2.32	0.10		1

Note: Figures in red are not considered for calculating average performance.

Indicator XII -I
Medium Projects
Assessment Recovery Ratio (Irrigation)

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed	Highly Deficit	Benitura	0.19	0.08	0.00	0.36	0.08	0.71	1
CADA Beed		Jakapur	2.14	0.00	0.00	1.00	0.00		1
CADA Beed		Turori	0.40	0.00	0.00	0.63	0.00		1
CADA Beed		Harni	0.01	0.03	0.06	0.12	0.00		1
CADA Solapur		Hingani (Pangaon)	0.20	0.08	0.15	0.62	0.08		1
CADA Beed		Sakat	0.27	0.21	0.16	0.55	0.00		1
CADA Solapur		Ekrukh	0.38	0.14	0.20	1.00	0.14		1
CADA Beed		Ramganga	0.34	0.53	0.23	0.77	0.00		1
CADA Beed		Banganga	0.38	0.60	0.31	0.68	0.00		1
CADA Beed		Khasapur	0.11	0.31	0.34	0.31	0.00		1
CADA Beed		Khandeshwar	0.48	1.16	0.39	1.16	0.00		1
CADA Solapur		Mangi	0.19	0.12	0.47	2.56	0.12		1
CADA Solapur		Jawalgaon	0.28	0.04	0.52	0.87	0.04		1
CADA Beed		Chandani	0.06	0.41	0.56	0.41	0.00		1
CADA Beed		Kurnoor	0.60	0.53	0.59	0.69	0.00		1
PIC Pune		Andhali	0.63	0.00	0.80	1.03	0.00		1
CADA Beed		Kambli	0.35	0.86	0.83	0.86	0.00		1
CADA Beed		Kadi	0.54	0.91	0.89	1.00	0.00		1
PIC Pune		Tisangi	0.95	1.00	0.93	1.00	0.59		1
PIC Pune		Khairy	0.71	1.00	0.94	1.00	0.29		1
PIC Pune		Mhaswad	0.54	1.00	0.95	1.00	0.07		1
CADA Solapur		Budhihal	1.33	1.00	0.97	2.19	0.00		1
CADA Beed		Khandala	0.51	0.52	1.00	1.00	0.00		1
PIC Pune		Nher	0.83	0.00	1.00	0.95	0.00		1
CADA Beed		Talwar	0.46	0.90	1.00	3.00	0.00		1
CADA Beed		Rooty	0.70	0.86	1.00	0.86	0.00		1
CADA Beed		Mehakari	0.53	0.87	1.00	0.98	0.00		1
PIC Pune		Ranand	0.81	0.53	1.00	1.00	0.53		1
PIC Pune		Sina	0.87	0.56	1.00	5.99	0.56		1
CADA Beed		Kada	0.18	0.96	1.92	0.96	0.00		1
CADA Beed	Deficit	Devarjan	0.06	0.01	0.00	1.90	0.01	0.67	1
AIC Akola		Uma	0.22	0.02	0.00	0.55	0.00		1
AIC Akola		Paldhag	0.00	0.00	0.00	0.01	0.00		1
AIC Akola		Morna (Akola)	0.20	0.09	0.00	0.36	0.00		1
AIC Akola		Mas	0.00	0.00	0.00	0.13	0.00		1
AIC Akola		Dnyanganga	0.45	0.00	0.00	0.73	0.00		1
CADA Abad		Jui	0.72	0.27	0.00	1.00	0.00		1
CADA Abad		Jivrekha	0.72	1.00	0.00	1.00	0.25		1
CADA Beed		Saraswati	0.48	0.43	0.00	0.97	0.00		1
CADA Beed		Borna	0.19	0.24	0.00	0.64	0.02		1
NIC Nanded		Pethwadaj	0.30	0.00	0.00	1.00	0.00		1
CADA Beed		Gharni	0.60	0.64	0.00	0.65	0.56		1
CADA Beed		Kundlika	0.16	0.21	0.00	0.71	0.04		1
NIC Nanded		Mahalingi	0.74	0.00	0.00	1.75	0.00		1
CADA Beed		Masalga	2.77	8.64	0.00	8.64	0.86		1
CADA Abad		Pir Kalyan	0.72	0.60	0.00	1.00	0.00		1
CADA Beed		Rui	0.03	0.04	0.00	0.08	0.00		1
CADA Beed		Sakol	1.01	1.00	0.00	1.53	0.66		1
CADA Beed		Bodhegaon	0.55	0.48	0.00	0.96	0.00		1
NIC Nanded		Kundrala	0.16	0.02	0.00	1.00	0.02		1
CADA Beed		Tawarja	0.33	0.40	0.00	0.98	0.00		1
NIC Nanded		Karadkhed	0.46	0.07	0.00	2.64	0.07		1
NIC Nanded		Kudala	0.13	0.00	0.00	1.00	0.00		1
CADA Jalgaon		Tondapur	0.14	0.00	0.00	0.73	0.00		1
CADA Beed		Whati	1.16	1.00	0.00	3.22	0.81		1
CADA Beed		Wan (Beed)	0.24	0.23	0.00	0.70	0.14		1

Circle	Plangroup	Project	FY Avg	LY-2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Beed		Tiru	1.02	1.00	0.00	1.31	0.61		1
CADA Beed		Terna	0.22	0.34	0.00	0.34	0.00		1
AIC Akola		Nirguna	0.26	0.20	0.09	0.49	0.00		1
CADA Abad		Masoli	0.07	0.25	0.13	0.25	0.02		1
BIPC Buldhana		Torna	0.55	0.00	0.21	2.86	0.00		1
CADA Abad		Gadadgad	0.31	0.15	0.22	1.00	0.15		1
CADA Abad		Karpara	0.18	0.14	0.28	1.00	0.14		1
CADA Abad		Lahuki	0.41	0.31	0.31	1.00	0.00		1
CADA Nashik		Nagyasakya	1.21	0.99	0.33	14.82	0.73		1
CADA Beed		Sangameshwar (Dokewadi)	0.09	0.16	0.35	0.49	0.04		1
AIC Akola		Shahanoor	0.40	0.33	0.39	7.59	0.09		1
CADA Jalgaon		Agnawati	0.48	0.00	0.41	1.00	0.00		1
CADA Abad		Dhamna	0.46	0.43	0.44	1.00	0.00		1
CADA Nashik		Kelzar	0.74	0.55	0.51	1.72	0.52		1
BIPC Buldhana		Mun	0.55	0.88	0.54	11.00	0.43		1
CADA Jalgaon		Hiwara	0.27	0.42	0.56	0.90	0.00		1
CADA Abad		Sukhna	0.69	0.45	0.58	1.00	0.00		1
CADA Beed		Renapur	0.58	0.65	0.64	1.00	0.20		1
CADA Abad		Galhati	0.15	0.19	0.74	0.54	0.00		1
CADA Jalgaon		Bori	0.63	0.53	0.77	1.00	0.08		1
CADA Nashik		Haranbari	0.59	0.33	0.77	1.00	0.33		1
CADA Abad		Ajantha Andhari	0.97	0.76	0.81	1.00	0.00		1
CADA Jalgaon		Rangawali	0.43	0.48	0.81	0.48	0.23		1
CADA Beed		Bindusara	0.91	1.00	0.87	1.00	0.00		1
CADA Jalgaon		Bhokarbari	0.43	0.30	0.88	1.00	0.30		1
CADA Jalgaon		Manyad	0.40	0.41	0.89	1.00	0.18		1
CADA Abad		Khelna	0.75	0.06	0.92	1.00	0.06		1
CADA Beed		Sindphana	0.61	0.97	0.95	0.97	0.37		1
CADA Abad		Anjana Palashi	1.20	1.00	0.95	1.00	0.00		1
CADA Abad		Purna Nevpur	0.84	0.66	1.00	1.00	0.66		1
CADA Beed		Raigavan	0.42	1.10	1.00	1.10	0.00		1
CADA Abad		Kalyan Girja	0.53	0.74	1.00	1.00	0.22		1
CADA Beed		Belpara	0.47	0.89	1.00	0.95	0.27		1
CADA Beed		Mahasangvi	0.82	0.98	1.00	0.98	0.69		1
CADA Jalgaon		Kanoli	1.06	0.96	1.00	2.30	0.52		1
CADA Jalgaon		Burai	0.89	1.00	1.00	1.00	0.77		1
CADA Abad		Girja	0.72	0.00	1.00	1.00	0.00		1
CADA Abad	Normal	Bor Dahegaon	0.10	0.29	0.00	0.29	0.00	0.74	1
CADA Abad		Narangi	0.67	0.81	0.00	0.81	0.00		1
AIC Akola		Saikheda	0.05	0.23	0.00	0.23	0.00		1
AIC Akola		Koradi	0.68	0.25	0.00	0.46	0.00		1
AIC Akola		Borgaon	0.91	0.67	0.00	1.00	0.00		1
NIC Nanded		Dongargaon (Nanded)	0.08	0.14	0.00	10.29	0.00		1
YIC Yavatmal		Adan	0.01	0.00	0.00	0.02	0.00		1
NIC Nanded		Nagzari	0.26	0.01	0.00	1.00	0.00		1
CIPC Chandrapur		Amal Nala	0.43	0.97	0.00	0.97	0.00		1
YIC Yavatmal		Navargaon	0.00	0.00	0.00	0.00	0.00		1
NIC Nanded		Loni	0.28	0.01	0.00	1.00	0.01		1
CADA Abad		Ambadi	0.46	0.56	0.02	1.00	0.00		1
AIC Akola		Lowerpus	0.08	0.14	0.05	0.17	0.00		1
CADA Jalgaon		Abhora	0.56	0.26	0.20	1.00	0.26		1
CADA Jalgaon		Suki	0.64	0.42	0.32	0.95	0.42		1
CIPC Chandrapur		Pothra	0.22	0.34	0.34	0.34	0.10		1
CIPC Chandrapur		Panchadhara	0.39	0.40	0.36	0.47	0.21		1
CIPC Chandrapur		Dongargaon (Chandrapur)	0.32	0.49	0.46	0.49	0.10		1
CADA Jalgaon		Karwand	1.56	1.00	0.55	2.98	0.71		1

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Jalgaon		Aner	0.71	0.99	0.58	0.99	0.40		1
CADA Nashik		Bhojapur	0.56	0.03	0.76	1.00	0.03		1
CADA Nashik		Alandi	0.54	0.06	0.79	1.00	0.06		1
PIC Pune		Kasarsai	1.11	1.53	0.87	1.53	0.49		1
PIC Pune		Vadiwale	0.91	0.84	0.93	1.00	0.84		1
CADA Abad		Tembhapuri	0.99	0.97	0.96	1.00	0.97		1
CADA Nashik		Mand Ohol	0.57	0.57	1.00	0.96	0.46		1
PIC Pune		Nazare	0.95	0.73	1.00	1.02	0.73		1
CADA Nashik		Ghatshil Pargaon	0.51	0.63	1.00	0.97	0.00		1
CADA Abad		Dheku	1.00	1.00	1.00	1.00	0.00		1
CADA Nashik		Adhala	0.67	0.07	1.00	1.00	0.07		1
AIC Abad		Shivna Takali	1.00	1.00	1.00	1.00	0.00		1
CADA Jalgaon		Panzra	0.82	0.86	1.00	0.96	0.68		1
CADA Jalgaon		Malangaon	0.97	1.00	1.00	1.00	0.92		1
CADA Abad		Kolhi	0.49	0.00	1.00	0.25	0.00		1
WIC Washim		Ekburji	0.73	1.07	1.00	1.07	0.00		1
CIPC Chandrapur		Chandai	0.39	0.39	1.00	0.47	0.31		1
WIC Washim		Sonal	0.79	0.00	1.00	0.90	0.00		1
CADA Nagpur	Surplus	Khekranala	0.31	0.05	0.00	0.73	0.05	0.41	1
CADA Nagpur		Chorakhmara	0.37	0.00	0.02	0.55	0.00		1
CADA Nagpur		Bagheda	0.24	0.07	0.05	2.86	0.00		1
CADA Nagpur		Kanholibara	0.31	0.01	0.06	0.82	0.01		1
CADA Nagpur		Kolar	0.25	0.18	0.06	0.46	0.12		1
CADA Nagpur		Sangrampur	0.60	0.01	0.06	0.80	0.01		1
CADA Nagpur		Bodalkasa	0.51	0.05	0.07	0.72	0.04		1
CADA Nagpur		Chandrabhaga (Nagpur)	0.53	0.17	0.10	1.00	0.12		1
CADA Nagpur		Chulband	0.70	0.21	0.16	1.45	0.07		1
CADA Nagpur		Khairbanda	0.50	0.16	0.27	0.76	0.00		1
CADA Nagpur		Makardhokada-Saiki Complex	0.47	0.15	0.30	0.65	0.15		1
CADA Nagpur		Chandpur	0.54	0.17	0.36	0.79	0.01		1
CADA Nagpur		Sorna	0.63	0.28	0.40	0.84	0.00		1
CADA Nagpur		Betekar Bothali	0.43	0.14	0.43	6.94	0.00		1
CADA Nagpur		Rengepar	0.64	0.52	0.54	1.00	0.48		1
CADA Nagpur		Managadh	0.33	0.08	0.60	0.44	0.03		1
CADA Nagpur		Umri	0.28	0.16	0.60	0.57	0.02		1
CADA Nagpur		Pandhrabodi	0.66	0.00	0.75	0.96	0.00		1
CADA Nagpur		Kesarnala	0.46	0.26	0.75	0.91	0.02		1
CADA Nagpur		Wunna	0.92	0.99	0.76	1.03	0.05		1
CADA Nagpur		Mordham	0.61	0.09	0.78	1.00	0.09		1
CIPC Chandrapur		Chargaon	0.48	0.92	1.00	0.92	0.29		1
CIPC Chandrapur		Labhansarad	0.37	0.46	1.00	0.74	0.21		1
CIPC Chandrapur	Abundant	Naleshwar	0.44	0.44	0.25	0.50	0.40	0.68	1
TIC Thane		Rajanala	0.10	0.07	0.31	0.55	0.07		1
NKIPC Thane		Hetwane	0.24	0.54	0.36	0.54	0.00		1
TIC Thane		Wandri	0.20	0.30	0.46	0.30	0.07		1
SIC Sangli		Patgaon	0.48	0.86	0.51	0.86	0.29		1
SIC Sangli		Chikotra	3.03	0.63	0.57	10.05	0.37		1
SIC Sangli		Kumbhi	0.55	0.44	0.69	0.94	0.37		1
SIC Sangli		Kadavi	0.61	0.82	0.74	0.82	0.30		1
SIC Sangli		Kasari	0.51	0.70	0.95	0.70	0.35		1
SIC Sangli		Chitri	0.34	0.00	0.98	0.73	0.10		1
KIC Ratnagiri		Natuwadi	0.44	0.31	1.00	2.32	0.10		1
CIPC Chandrapur		Ghorazari	0.46	0.65	1.00	0.65	0.39		1
SIC Sangli		Jangamhatti	0.37	0.00	1.00	0.87	0.02		1

Note: Figures in red are not considered for calculating average performance.

Indicator XII: Assessment recover ratio (NI)

Highly deficit plan group:

CADA Beed: The average value of this indicator for projects under this circle has slightly increased from 0.23 to 0.37. Khasapur, Chandani and Kurnoor are only some of the projects to have attained some amount of recovery against assessment of NI use, rest of the projects have either no assessment or no recovery.

PIC Pune: Average assessment ratio of seven medium projects is 0.67. It has enhanced over last year's ratio.

CADA Solapur: It is increased from 64 to 74% compared to last year.

Deficit plan group:

CADA Jalgaon: The overall ratio is on lower side (56%). Improvement is necessary in case of Bori (0.52), Kanoli (0.18), Manyad (0.41) & Tondapur (0.37) projects.

CADA Beed: The average value of this indicator for projects under this circle has increased from 0.39 to 0.57, Devarjan, Wan and Borna are the projects which have attained 100%, rest of the projects have either no assessment or no recovery.

NIC Nanded: The average value of this indicator for projects under this circle has decreased from 1.00 to 0.69. Kudala & Karadlhed had attained 84% & 74% recovery respectively, whereas in Pethwadaj assessment is not done & in Mahalingi there is no NI use resulted to decrease overall ratio of the circle.

CADA Aurangabad: The average value of this indicator for projects under this circle has slightly increased from 0.68 to 0.71. Masoli, Anjana Palashi & Purna Nevpur have attained 100% recovery. Pir Kalyan & Sukhana had attained 77 to 90% recovery, rest of the projects have either no assessment or no recovery.

AIC Akola: Recovery against assessment of this circle is 78%.

CADA Nashik: The target is fully achieved in Haranbari, Kelzar & Ghatshil Pargaon projects. There is no NI use in Nagya Sakya project.

BIPC Buldhana: Cent per cent recovery is achieved.

Normal Plan group:

YIC Yavatmal: Very low recovery is done against assessment.

CADA Jalgaon: The ratio lowered from 0.70 (2008-09) to 0.43(2009-10).

CADA Aurangabad: The average value of this indicator for projects under this circle has decreased from 0.79 to 0.55 compared to last year's value. Narangi, Tembhapuri & Dheku have attained recovery ranging from 88% to 100%, whereas in Ambadi it is 21% and in Bor Dahegaon there is no NI use which resulted to decrease overall ratio of this circle.

WIC Washim: Recovery against assessment of this circle is 72%.

CIPC Chandrapur: Assessment recovery ratio is 84% of the target.

NIC Nanded: The average value of indicator of the projects under this circle has slightly decreased from 1.0 to 0.92. Nagzari project is the only project to have NI recovery of 92%, rest of the two projects namely Dongargaon had no assessment done & in Loni there is no NI use due to non-availability.

AIC Akola: Recovery is satisfactory.

AIC Aurangabad: The average performance of this circle is 1.00, it was zero last year.

PIC Pune: In all the three projects, 100 % recovery has been achieved like last year.

CADA Nashik: The ratio has been improved from 0.78 (2008-09) to 1.00 (2009-10).

Surplus Plan Group:

CIPC Chandrapur: Assessment recovery ratio is very much less than the target.

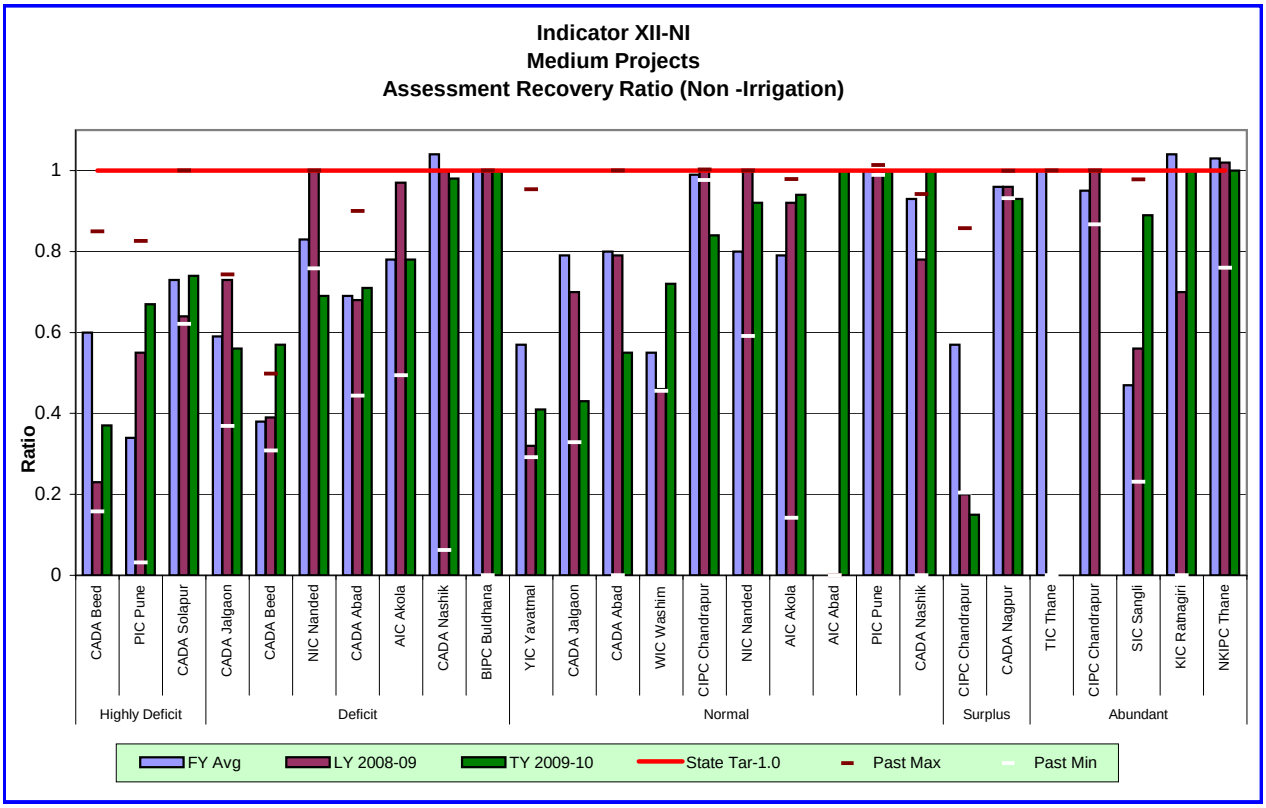
CADA Nagpur: Assessment recovery ratio is satisfactory but it decreased over last year.

Abundant Plan Group:

CIPC Chandrapur: There is no water supply for non irrigation purpose during this year.

SIC Sangli: The ratio increased from 56 to 89%.

KIC Ratnagiri & NKIPC Thane: In Natuwadi and Hetwane projects 100% recovery has been achieved this year, with improvement over last year in Natuwadi.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Beed	0.60	0.23	0.37	0.85	0.16	0.59	1
	PIC Pune	0.34	0.55	0.67	0.83	0.03		1
	CADA Solapur	0.73	0.64	0.74	1.00	0.62		1
Deficit	CADA Jalgaon	0.59	0.73	0.56	0.74	0.37	0.76	1
	CADA Beed	0.38	0.39	0.57	0.50	0.31		1
	NIC Nanded	0.83	1.00	0.69	1.00	0.76		1
	CADA Abad	0.69	0.68	0.71	0.90	0.44		1
	AIC Akola	0.78	0.97	0.78	1.38	0.49		1
	CADA Nashik	1.04	1.00	0.98	5.65	0.06		1
	BIPC Buldhana	1.00	1.00	1.00	1.00	0.00		1
Normal	YIC Yavatmal	0.57	0.32	0.41	0.95	0.29	0.78	1
	CADA Jalgaon	0.79	0.70	0.43	1.38	0.33		1
	CADA Abad	0.80	0.79	0.55	1.00	0.00		1
	WIC Washim	0.55	0.46	0.72	1.75	0.46		1
	CIPC Chandrapur	0.99	1.00	0.84	1.00	0.98		1
	NIC Nanded	0.80	1.00	0.92	1.00	0.59		1
	AIC Akola	0.79	0.92	0.94	0.98	0.14		1
	AIC Abad	0.00	0.00	1.00	0.00	0.00		1
	PIC Pune	1.00	1.00	1.00	1.01	0.99		1
	CADA Nashik	0.93	0.78	1.00	0.94	0.00		1
Surplus	CIPC Chandrapur	0.57	0.20	0.15	0.86	0.20	0.54	1
	CADA Nagpur	0.96	0.96	0.93	1.00	0.93		1
Abundant	TIC Thane	1.00	0.00	0.00	1.00	0.00	0.96	1
	CIPC Chandrapur	0.95	1.00	0.00	1.00	0.87		1
	SIC Sangli	0.47	0.56	0.89	0.98	0.23		1
	KIC Ratnagiri	1.04	0.70	1.00	4.25	0.00		1
	NKIPC Thane	1.03	1.02	1.00	1.82	0.76		1

Note: Figures in red are not considered for calculating average performance.

Indicator XII-NI
Medium Projects
Assessment Recovery Ratio (Non -Irrigation)

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
PIC Pune	Highly Deficit	Tisangi	0.34	1.00	0.00	1.00	0.02	0.77	1
CADA Beed		Mehakari	0.00	0.00	0.00	0.00	0.00		1
CADA Solapur		Jawalgaon	1.00	1.00	0.00	1.00	0.00		1
CADA Solapur		Budhihal	1.00	1.00	0.00	1.00	0.00		1
CADA Beed		Turori	0.87	0.00	0.00	1.00	0.00		1
CADA Beed		Talwar	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Sakat	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Ramganga	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Banganga	0.00	0.00	0.00	0.34	0.00		1
PIC Pune		Ranand	0.00	0.00	0.00	0.00	0.00		1
PIC Pune		Mhaswad	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Jakapur	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Rooty	0.24	0.00	0.00	0.33	0.00		1
CADA Beed		Harni	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Kada	0.79	1.00	0.00	1.00	0.00		1
CADA Beed		Kadi	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Kambli	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Khandeshwar	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Khandala	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Kurnoor	0.76	0.19	0.23	1.42	0.11		1
CADA Beed		Chandani	0.74	0.45	0.47	1.00	0.00		1
CADA Beed		Khasapur	0.21	0.00	0.51	0.90	0.00		1
CADA Beed		Benitura	0.23	0.23	0.72	0.36	0.10		1
PIC Pune		Andhali	0.64	0.35	0.76	1.00	0.00		1
PIC Pune		Sina	0.77	0.79	0.77	1.00	0.64		1
CADA Solapur		Ekrukh	0.79	0.49	1.00	1.00	0.00		1
PIC Pune		Nher	0.68	0.29	1.00	1.00	0.00		1
PIC Pune		Khairy	1.00	1.00	1.00	1.00	0.00		1
CADA Solapur		Mangi	1.00	1.00	1.00	1.00	0.00		1
CADA Solapur		Hingani (Pangaon)	0.39	0.49	1.00	1.00	0.19		1
CADA Jalgaon	Deficit	Rangawali	0.75	0.00	0.00	2.38	0.00	0.65	1
CADA Beed		Whati	0.39	1.00	0.00	1.00	0.00		1
CADA Beed		Tiru	0.00	0.00	0.00	0.00	0.00		1
CADA Abad		Gadadgad	0.00	0.00	0.00	0.00	0.00		1
CADA Abad		Galhati	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Sindphana	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Gharni	0.18	0.05	0.00	0.41	0.00		1
CADA Beed		Mahasangvi	0.71	0.00	0.00	1.00	0.00		1
CADA Beed		Belpara	0.00	0.00	0.00	0.00	0.00		1
NIC Nanded		Pethwadaj	0.00	0.00	0.00	0.00	0.00		1
NIC Nanded		Mahalingi	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Masalga	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Sangameshwar (Dokewadi)	0.00	0.00	0.00	0.00	0.00		1
CADA Abad		Kalyan Girja	0.65	0.65	0.00	0.65	0.00		1
CADA Beed		Borna	0.00	0.00	0.00	0.00	0.00		1
CADA Beed		Bodhegaon	0.00	0.00	0.00	0.00	0.00		1
CADA Nashik		Nagyasakya	0.00	0.00	0.00	0.44	0.00		1
CADA Abad		Jivrekha	0.34	0.00	0.00	1.00	0.00		1
CADA Abad		Ajantha Andhari	0.94	0.64	0.06	1.00	0.07		1
CADA Beed		Sakol	0.15	0.00	0.09	1.00	0.00		1
CADA Beed		Raigavan	0.00	0.00	0.10	0.09	0.00		1
AIC Akola		Uma	0.90	0.98	0.10	1.00	0.00		1
CADA Abad		Karpara	0.16	0.00	0.10	0.23	0.00		1
CADA Jalgaon		Kanoli	0.37	0.14	0.18	1.59	0.02		1
CADA Abad		Girja	0.99	0.00	0.20	1.00	0.00		1
CADA Jalgaon		Tondapur	0.82	1.00	0.37	1.00	0.61		1

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Abad		Lahuki	1.00	1.00	0.38	1.00	0.00		1
CADA Beed		Renapur	0.22	0.31	0.38	1.00	0.00		1
NIC Nanded		Kundrala	0.89	0.00	0.42	1.00	0.00		1
CADA Abad		Jui	0.52	1.00	0.43	1.00	0.00		1
CADA Beed		Rui	0.94	1.04	0.45	1.04	0.00		1
CADA Abad		Khelna	0.54	0.35	0.46	1.00	0.22		1
CADA Beed		Terna	0.27	0.40	0.46	0.40	0.12		1
CADA Beed		Bindusara	0.20	0.07	0.52	0.97	0.00		1
AIC Akola		Morna (Akola)	0.64	0.60	0.52	0.93	0.50		1
CADA Jalgaon		Bori	0.69	0.94	0.52	1.00	0.37		1
AIC Akola		Paldhag	0.61	1.00	0.56	1.00	0.00		1
CADA Abad		Dhamna	0.54	1.00	0.63	1.00	0.00		1
CADA Jalgaon		Burai	0.00	0.00	0.64	0.00	0.00		1
CADA Beed		Tawarja	0.78	1.00	0.65	1.00	0.00		1
AIC Akola		Nirguna	1.00	1.00	0.67	1.00	1.00		1
NIC Nanded		Karadkhed	0.96	1.00	0.74	1.05	0.76		1
CADA Jalgaon		Bhokarbari	0.81	0.99	0.75	0.99	0.00		1
CADA Abad		Pir Kalyan	0.71	0.75	0.77	1.00	0.00		1
AIC Akola		Dnyanganga	0.59	0.98	0.79	1.00	0.10		1
CADA Jalgaon		Hiwara	0.96	1.00	0.80	1.00	0.00		1
NIC Nanded		Kudala	0.33	0.00	0.84	1.00	0.00		1
CADA Abad		Sukhna	0.85	1.00	0.90	1.00	0.00		1
CADA Nashik		Kelzar	2.57	1.00	0.95	8.34	0.17		1
CADA Abad		Purna Nevpur	1.00	1.00	0.97	1.00	0.00		1
CADA Beed		Kundlika	0.46	0.46	0.98	1.00	0.00		1
AIC Akola		Shahanoor	1.07	1.00	1.00	1.82	0.88		1
AIC Akola		Mas	0.94	1.00	1.00	2.45	0.48		1
CADA Nashik		Haranbari	0.99	1.00	1.00	1.00	0.01		1
CADA Beed		Devarjan	0.19	0.00	1.00	0.26	0.00		1
CADA Abad		Anjana Palashi	0.99	0.00	1.00	1.00	0.00		1
BIPC Buldhana		Mun	1.00	1.00	1.00	1.00	0.00		1
CADA Abad		Masoli	0.81	0.91	1.00	1.00	0.38		1
CADA Jalgaon		Manyad	0.81	1.00	1.00	1.00	0.12		1
BIPC Buldhana		Torna	0.00	0.00	1.00	0.00	0.00		1
CADA Jalgaon		Agnawati	0.91	1.00	1.00	1.00	0.00		1
CADA Beed		Wan (Beed)	0.65	1.00	1.00	1.00	0.19		1
CADA Beed		Saraswati	0.00	0.00	1.00	0.00	0.00		1
NIC Nanded	Normal	Dongargaon (Nanded)	0.00	0.00	0.00	0.00	0.00	0.72	1
NIC Nanded		Loni	0.99	1.00	0.00	1.00	0.00		1
CADA Jalgaon		Abhora	0.00	0.00	0.00	0.00	0.00		1
CADA Nashik		Alandi	0.94	0.00	0.00	0.94	0.00		1
CADA Jalgaon		Aner	0.71	0.00	0.00	0.71	0.00		1
CADA Nashik		Bhojapur	0.94	0.00	0.00	0.94	0.00		1
CIPC Chandrapur		Pothra	1.00	1.00	0.00	1.00	0.00		1
CIPC Chandrapur		Panchadhara	0.06	1.00	0.00	1.00	0.00		1
CADA Abad		Bor Dahegaon	0.00	0.00	0.00	0.00	0.00		1
CIPC Chandrapur		Chandai	1.00	1.00	0.00	1.00	1.00		1
CIPC Chandrapur		Dongargaon (Chandrapur)	1.00	1.00	0.00	1.00	0.00		1
WIC Washim		Sonal	0.65	1.00	0.01	1.00	0.00		1
AIC Akola		Borgaon	1.00	1.00	0.08	1.00	0.64		1
CADA Abad		Ambadi	0.90	1.00	0.21	1.00	0.00		1
CADA Jalgaon		Panzra	0.89	0.09	0.24	1.61	0.07		1
YIC Yavatmal		Adan	0.66	0.00	0.28	1.01	0.00		1
CADA Jalgaon		Malangaon	0.66	0.53	0.33	1.00	0.00		1
AIC Akola		Saikheda	0.60	0.77	0.48	0.77	0.00		1
CADA Jalgaon		Suki	0.73	1.00	0.53	1.00	0.38		1
CADA Abad		Kolhi	0.83	0.12	0.59	1.00	0.00		1
YIC Yavatmal		Navargaon	0.53	1.00	0.66	1.00	0.00		1

Circle	Plangroup	Project	FY Avg	LY- 2008-09	TY- 2009-10	Past Max	Past Min	Avg Per	State Tar
CADA Jalgaon		Karwand	1.22	1.00	0.76	1.74	0.37		1
WIC Washim		Ekburji	0.53	0.43	0.84	1.98	0.43		1
CADA Abad		Dheku	0.99	1.00	0.88	1.00	0.00		1
NIC Nanded		Nagzari	0.95	0.00	0.92	1.00	0.00		1
CADA Abad		Tembhapuri	0.91	0.91	0.95	0.91	0.00		1
AIC Akola		Lowerpus	0.94	1.00	0.96	1.00	0.06		1
CADA Nashik		Mand Ohol	0.58	1.00	1.00	1.00	0.00		1
CIPC Chandrapur		Amal Nala	1.00	1.00	1.00	1.00	0.99		1
CADA Nashik		Ghatshil Pargaon	0.31	0.33	1.00	1.00	0.00		1
PIC Pune		Vadiwale	1.00	1.00	1.00	1.00	1.00		1
PIC Pune		Nazare	1.00	1.00	1.00	1.00	1.00		1
CADA Nashik		Adhala	0.51	0.00	1.00	1.00	0.00		1
AIC Abad		Shivna Takali	0.00	0.00	1.00	0.00	0.00		1
AIC Akola		Koradi	0.57	1.00	1.00	1.00	0.00		1
CADA Abad		Narangi	0.52	0.47	1.00	0.57	0.00		1
PIC Pune		Kasarsai	0.94	1.00	1.00	1.96	0.73		1
CADA Nagpur	Surplus	Sorna	0.00	0.00	0.00	0.00	0.00	0.75	1
CIPC Chandrapur		Labhansarad	0.95	1.00	0.00	1.00	0.76		1
CADA Nagpur		Chorakhmara	1.00	0.00	0.00	1.00	0.00		1
CADA Nagpur		Chulband	0.00	0.00	0.00	0.00	0.00		1
CADA Nagpur		Kanholibara	0.00	0.00	0.00	0.00	0.00		1
CADA Nagpur		Chandpur	0.79	0.00	0.00	0.79	0.00		1
CADA Nagpur		Khairbanda	0.00	0.00	0.00	0.00	0.00		1
CADA Nagpur		Betekar Bothali	0.00	0.00	0.00	0.00	0.00		1
CADA Nagpur		Bagheda	1.00	0.00	0.00	1.00	0.00		1
CADA Nagpur		Managadh	0.00	0.00	0.00	0.00	0.00		1
CADA Nagpur		Mordham	0.77	0.33	0.00	1.00	0.33		1
CADA Nagpur		Rengepar	0.00	0.00	0.00	0.00	0.00		1
CADA Nagpur		Sangrampur	0.00	0.00	0.00	0.00	0.00		1
CADA Nagpur		Umri	0.00	0.00	0.00	0.00	0.00		1
CADA Nagpur		Khekranala	0.00	0.00	0.07	1.00	0.00		1
CIPC Chandrapur		Chargaon	0.48	0.03	0.16	0.77	0.03		1
CADA Nagpur		Kolar	0.60	0.41	0.58	1.00	0.40		1
CADA Nagpur		Makardhokada-Saiki Complex	0.98	1.00	0.95	1.00	0.86		1
CADA Nagpur		Bodalkasa	0.85	1.00	1.00	1.00	0.00		1
CADA Nagpur		Wunna	1.00	0.99	1.00	1.00	0.96		1
CADA Nagpur		Kesarnala	0.79	0.00	1.00	1.00	0.00		1
CADA Nagpur		Pandhrabodi	1.00	1.00	1.00	1.00	1.00		1
CADA Nagpur		Chandrabhaga (Nagpur)	1.00	1.00	1.00	1.00	1.00		1
CIPC Chandrapur	Abundant	Ghorazari	0.93	1.00	0.00	1.00	0.84	0.94	1
TIC Thane		Rajanala	0.00	0.00	0.00	1.00	0.00		1
SIC Sangli		Kasari	0.92	1.00	0.00	1.00	0.00		1
TIC Thane		Wandri	0.00	0.00	0.00	0.00	0.00		1
CIPC Chandrapur		Naleshwar	1.00	1.00	0.00	1.00	1.00		1
SIC Sangli		Jangamhatti	0.97	0.00	0.66	1.00	0.77		1
SIC Sangli		Chitri	0.98	0.00	0.82	1.00	0.64		1
SIC Sangli		Chikotra	0.46	1.00	1.00	1.00	0.00		1
SIC Sangli		Kadavi	0.24	0.21	1.00	0.42	0.00		1
NKIPC Thane		Hetwane	1.11	1.02	1.00	1.82	0.76		1
SIC Sangli		Kumbhi	0.51	0.74	1.00	1.00	0.00		1
SIC Sangli		Patgaon	0.30	0.57	1.00	1.00	0.10		1
KIC Ratnagiri		Natuwadi	1.07	0.70	1.00	4.25	0.00		1

Note: Figures in red are not considered for calculating average performance.

Observations
Minor Projects

Minor projects

Indicator I: Annual Irrigation Water Supply per Unit Irrigated Area.

Highly Deficit Plan group:

SIC Sangli: Annual water use on minor project under this circle is 5089 cum/ha. The water use decreased as compared to last year.

CADA Solapur: The average performance of this year is 5359 cum/ha. The water use decreased as compared to last year.

PIC Pune: Average Annual Irrigation Water Supply of Minor Irrigation projects under this circle is 5941 cum/ha.

CADA Beed: The water use per unit area irrigated decreased from 7055 (2008-09) to 6103 cum**/**ha, and it is just near to State norms.

Deficit Plan group:

CADA Aurangabad: The average value of this indicator decreased from 5606 to 1905 cum/ha. The indicator value is on lower side of the state target due to less availability.

WIC Washim: Water utilization is less than 50% of the norm.

CADA Nashik: The water use is reduced from 6741 cum/ha to 4921 cum/ha as compared to last year and it is below the state norm.

CADA Jalgaon: The water use increased from 5182 cum/ha to 5224 cum/ha as compared to last year and it is below the state norm.

NIC Nanded: The average value of this indicator has decreased from 6785 to 5511 cum/ha. compared to last year.

AIC Aurangabad: The water use per ha. for this year is 6000 cum/ha.

AIC Akola: Water utilization is improved.

BIPC Buldhana: Water use is more than the State norm.

CADA Beed: The performance has declined over last year. The water use has increased from 7656 to 8783 cum/ha. as compared to last year .

Normal Plan group:

NIC Nanded: The average value of this indicator for this year has decreased from 7129 to 2957 cum/ha, as compare to last year.

CADA Pune: The average water use per unit area is 3766 cum/ha.,which is less than last years value and State norm.

AIC Akola and YIC Yavatmal: Water consumption is within the norm.

PIC Pune: The indicator value for this year is 4982 cum/ha. Which is below State norm.

CADA Nashik: The water use reduced from 5836 cum/ha to 5224 cum/ha as compared to last year and it is below state norm.

CADA Jalgaon: The water use reduced from 7789 cum/ha to 5816 cum/ha as compared to last year and it is below state norm.

CIPC Chandrapur: The average annual irrigation water supply per unit irrigated area is 7062 cum/Ha.

CADA Nagpur: The average annual irrigation water supply per unit irrigated area is 9150 cum/Ha.

Surplus Plan Group:

CADA Nagpur: Annual water use on projects under CADA Nagpur increased from 3345 cum/Ha to 3566 cum/Ha. as compared to last year and below State norm.

CIPC Chandrapur: The average annual irrigation water supply per unit irrigated area decreased from 5283 cum/Ha. to 3654 cum/Ha as compared to last year

Abundant plan group:

CIPC Chandrapur: The average annual irrigation water supply per unit irrigated area decreased from 5021 cum/Ha to 2922 cum/Ha.

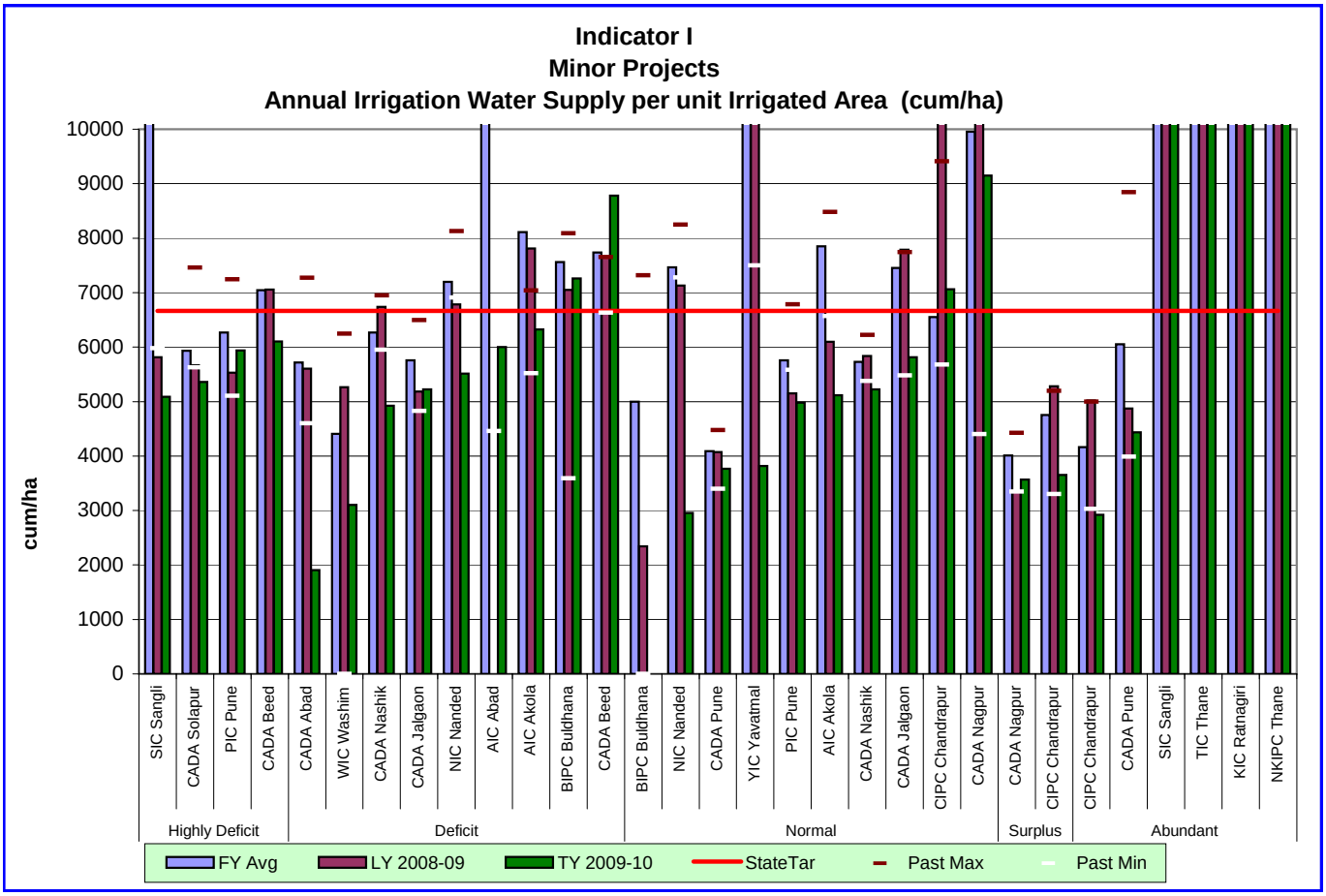
CADA Pune: In Minor Irrigation projects under this circle annual irrigation water supply comes to 4438 cum/ha. It decreased from last years value.

SIC Sangli: - The average water use is 10467cum/ha., which is more than State norm. However there is slight improvement over last year.

TIC Thane: The average water use is 17866 cum/ha. which is higher than the State norm but less than the last year.

KIC Ratnagiri: In Minor Irrigation projects under this circle annual irrigation water supply increased from 19236 cum/Ha. to 25002 cum/ha. which is far above the State target.

NKIPC Thane: In Minor Irrigation projects of this circle annual irrigation water supply comes to 46453 cum/ha.slightly less than last year. However the value is quite high compared to State norm.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	SIC Sangli	12717	5814	5089	41378	5978	5623	6667
	CADA Solapur	5935	5664	5359	7458	5627		6667
	PIC Pune	6270	5533	5941	7241	5103		6667
	CADA Beed	7044	7055	6103	10896	7299		6667
Deficit	CADA Abad	5715	5606	1905	7273	4598	5448	6667
	WIC Washim	4406	5265	3103	6246	0		6667
	CADA Nashik	6269	6741	4921	6946	5950		6667
	CADA Jalgaon	5756	5182	5224	6495	4828		6667
	NIC Nanded	7197	6785	5511	8129	6910		6667
	AIC Abad	17879	0	6000	11382	4457		6667
	AIC Akola	8113	7811	6323	7038	5516		6667
	BIPC Buldhana	7560	7051	7260	8089	3589		6667
	CADA Beed	7735	7656	8783	7649	6632		6667
Normal	BIPC Buldhana	4999	2342	0	7316	0	5321	6667
	NIC Nanded	7465	7129	2957	8247	7277		6667
	CADA Pune	4087	4073	3766	4475	3396		6667
	YIC Yavatmal	11088	13333	3816	14692	7500		6667
	PIC Pune	5756	5153	4982	6785	5579		6667
	AIC Akola	7851	6098	5114	8482	6566		6667
	CADA Nashik	5731	5836	5224	6220	5376		6667
	CADA Jalgaon	7453	7789	5816	7741	5479		6667
	CIPC Chandrapur	6552	10318	7062	9409	5680		6667
	CADA Nagpur	9955	11391	9150	11391	4400		6667
Surplus	CADA Nagpur	4009	3345	3566	4427	3344	3610	6667
	CIPC Chandrapur	4751	5283	3654	5193	3300		6667
Abundant	CIPC Chandrapur	4162	5021	2922	4994	3027	8923	6667
	CADA Pune	6054	4871	4438	8845	3990		6667
	SIC Sangli	11441	10546	10467	12581	10250		6667
	TIC Thane	18544	19414	17866	24499	14742		6667
	KIC Ratnagiri	17231	19236	25002	19236	15705		6667
	NKIPC Thane	53907	53199	46453	80174	31900		6667

Note: Figures in red are not considered for calculating average performance.

Indicator II: Potential Utilised and created

Highly Deficit plan group:

PIC Pune: The potential utilization of M.I.tanks under this circle is 0.70 with improvement over last year.

CADA Beed: The performance of this indicator has improved 0.60 (2008-09) to 0.80 (2009-10).

SIC Sangli: The ratio for this indicator is 0.82.

CADA Solapur: The ratio for this indicator is 0.89, declined over last year's value of 1.00.

Deficit plan group:

BIPC Buldhana: Utilization is continuously decreasing. The ratio reduced from 0.20 to 0.10 as compared to last year.

AIC Akola: Potential utilization is same as last year, but it is about 50% of average performance of the plan group.

NIC Nanded: The average ratio of this indicator has decreased from 0.30 to 0.20 as compared to last year and is below State norm.

CADA Beed: The average ratio of the indicator for this year (2009-10) has decreased slightly from 0.50 to 0.40 and it is below State norm.

CADA Aurangabad: The performance of this indicator has retained last year's value 0.40. Project authorities should take efforts to attain State norms.

WIC Washim: The utilization decreased over last year and below State target.

CADA Nashik: The performance improved as compared to last year. The ratio is 1.00 which is up to the State target.

CADA Jalgaon: The ratio is one for last four years, which is up to the State target and for current year the ratio is 2.10.

Normal plan group:

CADA Nagpur: The ratio is retained as 0.20 which is below State norm.

YIC Yavatmal: Average potential utilization is around 20%. Improvement is necessary.

AIC Akola: Potential utilization is not more than 40% in last six years. Improvement is necessary as for current year the ratio is 0.30 only.

CIPC Chandrapur: The ratio has been increased from 0.30 to 0.40 as compared to last year & it is below State norm.

CADA Pune: The ratio is retained as 0.70 which is below State norm.

CADA Jalgaon: The ratio is just below the state norm. (0.80)

PIC Pune: Average utilised potential of minor projects comes to 0.80 improving the utilisation over last year.

NIC Nanded: There is increase in the performance over last year. The ratio has increased from 0.40 to 1.30.

CADA Nashik: The ratio is one for last four years which is up to the State target. The current year's value is 1.70.

Surplus plan group:

CIPC Chandrapur: The ratio is retained as 0.70 & which is below State target.

CADA Nagpur: Potential utilisation is more (1.1) than the state target.

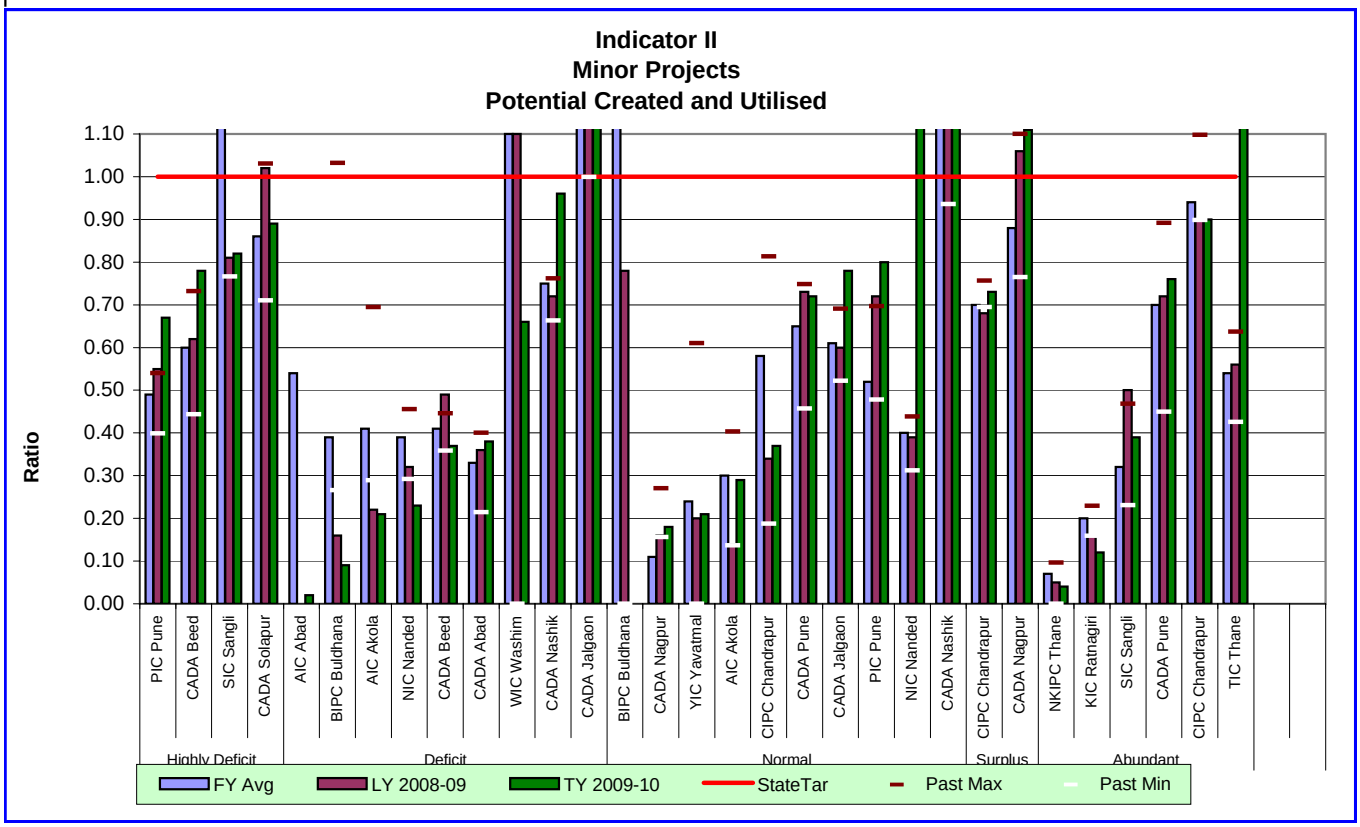
Abundant Plan Group:

KIC Ratnagiri: The ratio is decreased from 0.20 to 0.10 which is far below the State norm.

SIC Sangli: - The ratio is 0.40 and declined over last year.

CADA Pune: The ratio increased from 0.7 to 0.8 as compared to last year & it is below State norm.

CIPC Chandrapur: Potential utilisation is 90% of the State target.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	PIC Pune	0.5	0.6	0.7	0.5	0.4	0.8	1
	CADA Beed	0.6	0.6	0.8	0.7	0.4		1
	SIC Sangli	1.1	0.8	0.8	2.5	0.8		1
	CADA Solapur	0.9	1.0	0.9	1.0	0.7		1
Deficit	AIC Abad	0.5	0.0	0.0	2.0	0.9	0.4	1
	BIPC Buldhana	0.4	0.2	0.1	1.0	0.3		1
	AIC Akola	0.4	0.2	0.2	0.7	0.3		1
	NIC Nanded	0.4	0.3	0.2	0.5	0.3		1
	CADA Beed	0.4	0.5	0.4	0.4	0.4		1
	CADA Abad	0.3	0.4	0.4	0.4	0.2		1
	WIC Washim	1.1	1.1	0.7	2.2	0.0		1
	CADA Nashik	0.8	0.7	1.0	0.8	0.7		1
	CADA Jalgaon	1.4	1.5	2.1	2.0	1.0		1
Normal	BIPC Buldhana	1.2	0.8	0.0	1.8	0.0	0.5	1
	CADA Nagpur	0.1	0.2	0.2	0.3	0.2		1
	YIC Yavatmal	0.2	0.2	0.2	0.6	0.0		1
	AIC Akola	0.3	0.1	0.3	0.4	0.1		1
	CIPC Chandrapur	0.6	0.3	0.4	0.8	0.2		1
	CADA Pune	0.7	0.7	0.7	0.7	0.5		1
	CADA Jalgaon	0.6	0.6	0.8	0.7	0.5		1
	PIC Pune	0.5	0.7	0.8	0.7	0.5		1
	NIC Nanded	0.4	0.4	1.3	0.4	0.3		1
	CADA Nashik	1.3	1.4	1.7	1.3	0.9		1
Surplus	CIPC Chandrapur	0.7	0.7	0.7	0.8	0.7	0.7	1
	CADA Nagpur	0.9	1.1	1.1	1.1	0.8		1
Abundant	NKIPC Thane	0.1	0.1	0.0	0.1	0.0	0.5	1
	KIC Ratnagiri	0.2	0.2	0.1	0.2	0.2		1
	SIC Sangli	0.3	0.5	0.4	0.5	0.2		1
	CADA Pune	0.7	0.7	0.8	0.9	0.4		1
	CIPC Chandrapur	0.9	0.9	0.9	1.1	0.9		1
	TIC Thane	0.5	0.6	1.4	0.6	0.4		1

Note: Figures in red are not considered for calculating average performance.

Indicator VIII: Revenue per unit water supplied

Highly deficit Plan Group:

CADA Beed: The average value of this indicator for minor project under this circle has slightly increased from 0 to Rs 0.05/cum. Most of the projects have low value for this indicator.

PIC Pune: In M.I.tanks under this circle the revenue per unit water supply is Rs.0.06/ha which is far below the State norms.

SIC Sangli: - Revenue per unit water supply is Rs. 0.09/cum

CADA Solapur: Revenue per unit water supply is Rs.0.15/cum

Deficit Plan Group:

WIC Washim: Revenue is very much less than State target. (Rs.0.04/cum)

CADA Beed: The average value of this indicator for minor project under this circle has slightly increased from 0 to Rs 0.06/cum. Project authorities have to take efforts for revenue collection.

NIC Nanded: The average value for this indicator has slightly increased from 0 to Rs 0.06/cum.Efforts are needed to collect Government revenue at field level.

BIPC Buldhana: Revenue decreased as compared to last year.

AIC Akola: Recovery per unit water supply is 50% of the target.

CADA Jalgaon: The indicator value is 0.10. This shows that there is only 53% recovery compared to state target. (Rs.0.19/cum)

CADA Aurangabad: The average value of this indicator for minor projects under this circle has in creased from 0 to Rs0.12/cum.

CADA Nashik: The indicator value is 0.14. This shows that there is 74 % recovery as compared to state target. (Rs.0.19/Cum)

Normal Plan Group:

CADA Nagpur: The average value of this indicator for minor projects under the circle is Rs.0.01/cum which is far below State norm.

CADA Nashik: The indicator value is Rs.0.03/cum which far below the state norm.

AIC Akola: Recovery is slightly increased from 0 to Rs.0.04/cum.

CIPC Chandrapur: The average value of this indicator for projects under this circle is Rs.0.04/cum. But it is still below state norms and increased in comparison with last year's performance (0.01).

NIC Nanded: The average value of this indicator for minor projects under this circle has slightly increased from 0 to Rs 0.07/cum as compared to last year.

YIC Yavatmal: Recovery is 50% of the State target.

CADA Jalgaon: The indicator value is 0.12, which is below the state norm. This shows that 63% recovery is achieved compared to State target.

CADA Pune: In Minor Irrigation projects under this circle revenue per unit water supply is Rs. 0.14/cum this year.

PIC Pune: Average revenue per unit water supplied of M.I. projects of this circle is Rs. 0.47/cum due to recovery of arrears.

Surplus Plan Group:

CIPC Chandrapur: The average value of this indicator for projects under this circle is Rs.0.04/cum.

CADA Nagpur: The average value of this indicator for projects under this circle is Rs.0.05/cum.

Abundant Plan Group:

CIPC Chandrapur: The average value of this indicator for projects under this circle is Rs.0.04/cum.

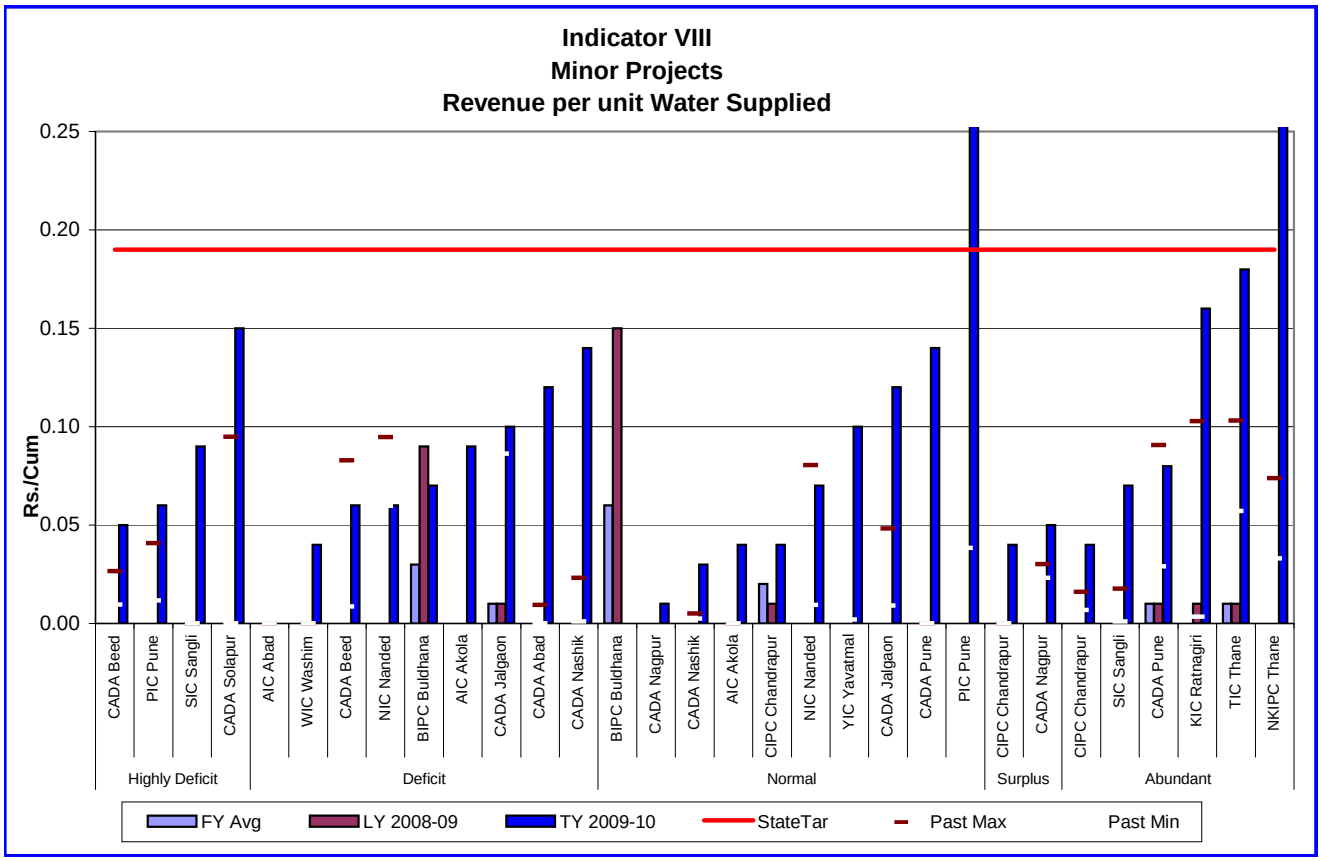
SIC Sangli: - Revenue per unit water supply is Rs.0.07/cum.

CADA Pune: In minor Irrigation projects the revenue per unit water supply increased from Rs. 0.01/cum to Rs. 0.08/cum this year. Still it is below State norm.

KIC Ratnagiri: Indicator value increased from Rs.0.01/cum to Rs.0.16 /cum which is near to State norm.

TIC Thane: - Revenue per unit water supply is Rs.0.18 which has improved as compared to last year. Over all performance of M.I. projects has nearly attained the State norm.

NKIPC Thane: Average revenue per unit water supplied of minor projects is Rs. 0.36/cum for this year.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Beed	0.00	0.00	0.05	0.03	0.01		0.19
	PIC Pune	0.00	0.00	0.06	0.04	0.01		0.19
	SIC Sangli	0.00	0.00	0.09	0.00	0.00		0.19
	CADA Solapur	0.00	0.00	0.15	0.09	0.00		0.19
Deficit	AIC Abad	0.00	0.00	0.00	0.00	0.00		0.19
	WIC Washim	0.00	0.00	0.04	0.00	0.00		0.19
	CADA Beed	0.00	0.00	0.06	0.08	0.01		0.19
	NIC Nanded	0.00	0.00	0.06	0.09	0.06		0.19
	BIPC Buldhana	0.03	0.09	0.07	1.05	0.24		0.19
	AIC Akola	0.00	0.00	0.09	3.99	0.11		0.19
	CADA Jalgaon	0.01	0.01	0.10	0.26	0.09		0.19
	CADA Abad	0.00	0.00	0.12	0.01	0.00		0.19
	CADA Nashik	0.00	0.00	0.14	0.02	0.00		0.19
Normal	BIPC Buldhana	0.06	0.15	0.00	1.54	0.43		0.19
	CADA Nagpur	0.00	0.00	0.01	0.60	0.12		0.19
	CADA Nashik	0.00	0.00	0.03	0.00	0.00		0.19
	AIC Akola	0.00	0.00	0.04	0.00	0.00		0.19
	CIPC Chandrapur	0.02	0.01	0.04	0.28	0.09		0.19
	NIC Nanded	0.00	0.00	0.07	0.08	0.01		0.19
	YIC Yavatmal	0.00	0.00	0.10	55.46	0.00		0.19
	CADA Jalgaon	0.00	0.00	0.12	0.05	0.01		0.19
	CADA Pune	0.00	0.00	0.14	0.00	0.00		0.19
	PIC Pune	0.00	0.00	0.47	0.34	0.04		0.19
Surplus	CIPC Chandrapur	0.00	0.00	0.04	0.00	0.00		0.19
	CADA Nagpur	0.00	0.00	0.05	0.03	0.02		0.19
Abundant	CIPC Chandrapur	0.00	0.00	0.04	0.02	0.01		0.19
	SIC Sangli	0.00	0.00	0.07	0.02	0.00		0.19
	CADA Pune	0.01	0.01	0.08	0.09	0.03		0.19
	KIC Ratnagiri	0.00	0.01	0.16	0.10	0.00		0.19
	TIC Thane	0.01	0.01	0.18	0.10	0.06		0.19
	NKIPC Thane	0.00	0.00	0.36	0.07	0.03		0.19

Indicator XII: Assessment recovery ratio

Highly deficit Plan Group:

CADA Beed: The average ratio of this indicator for the projects under this circle has retained nearly last year's value. 0.77.

PIC Pune: In M.I. tanks under this circle the assessment recovery ratio comes to 0.86 this year. It is better than last year value of 0.77.

CADA Solapur: - Ratio is increased from 0.77 to 0.89 as compared to last year.

SIC Sangli: The performance is up to the mark. The State target is achieved this year also.

Deficit Plan Group:

WIC Washim: Practically recovery is nil.

NIC Nanded: The average ratio of indicator for this circle decreased from 0.77 to 0.10 as compared to last year.

BIPC Buldhana: Recovery is improved, but less than State target.

CADA Beed: The average ratio for this indicator decreased from 0.77 to 0.47 as compared to last year.

CADA Aurangabad: The average ratio for this indicator decreased from 1.00 to 0.80 as compared to last year.

AIC Akola: Assessment recovery ratio is satisfactory. (0.83**)**

CADA Jalgaon: The ratio improved from 0.77 to 0.84 but still it is below the state norm.

CADA Nashik: The ratio is 0.88 which is below the state norm.

Normal Plan Group:

NIC Nanded: The average ratio for this indicator has decreased from 0.77 to 0.02 as compared to last year. This shows that project authorities are not taking efforts to collect revenue of water utilized.

YIC Yavatmal: Recovery is only 28% of the assessment. It needs improvement.

CADA Nashik: The ratio is 0.90, which is nearer to state norm.

CADA Jalgaon: The ratio is 0.90, which is nearer to state norm.

CADA Pune: Assessment recovery ratio increased from 0.77 to 0.94 as compared to last year.

PIC Pune: Assessment recovery ratio increased from 0.77 to 0.99 and of last year to 0.99 this year and almost achieved the State target.

CADA Nagpur: Average Assessment recovery ratio for irrigation plus non irrigation is 1.00.

CIPC Chandrapur: Average Assessment recovery ratio for irrigation plus non irrigation is 1.00.

Surplus Plan Group:

CADA Nagpur: Revenue recovery is less (0.47) as compared to last year (0.77).

CIPC Chandrapur: Revenue recovery is less (0.63) as compared to last year (0.77).

Abundant Plan Group:

CIPC Chandrapur: Revenue recovery is less (0.18) as compared to last year (0.77).

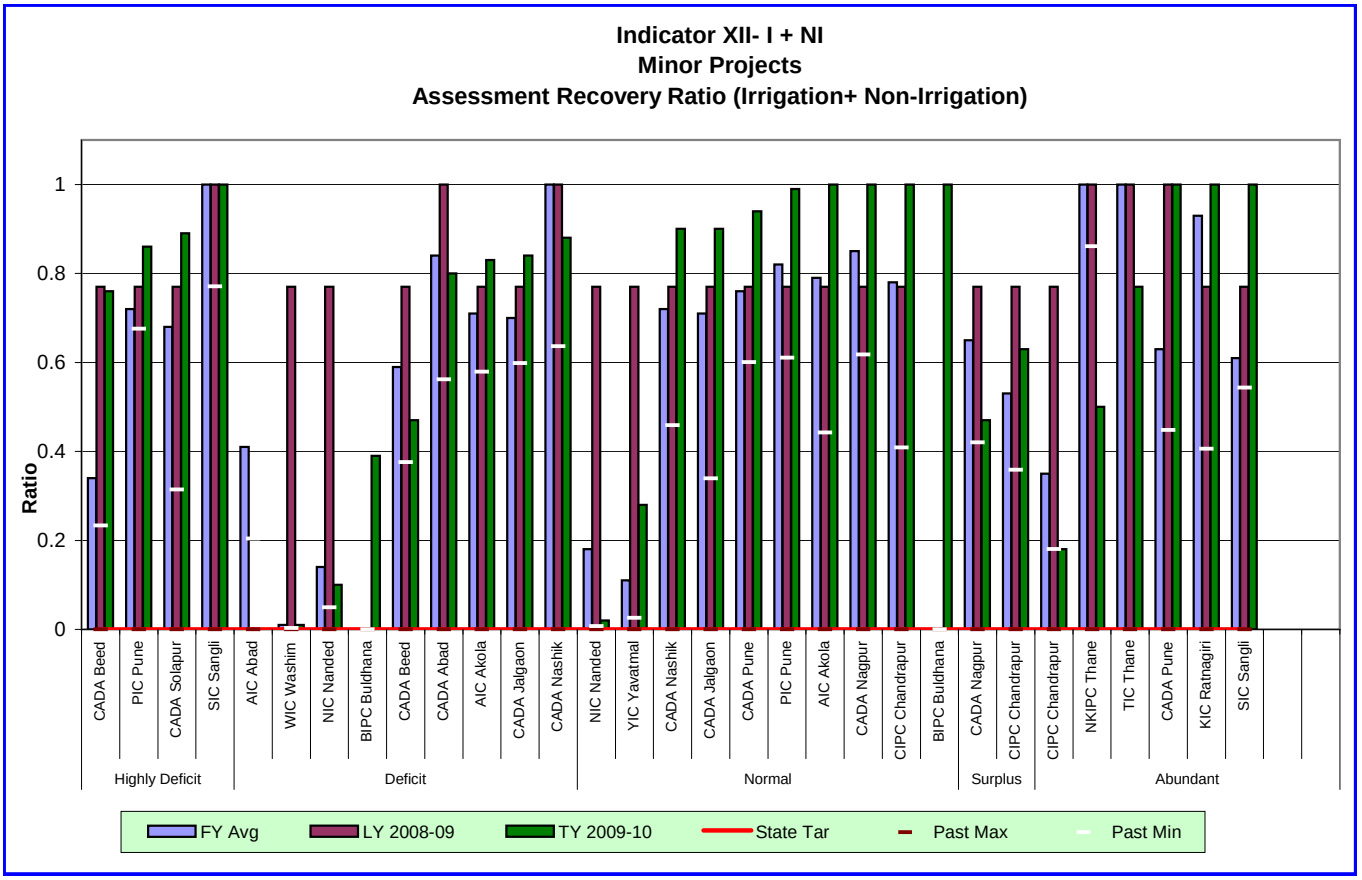
NKIPC Thane: Assessment recovery ratio has decreased from 1.00 to 0.50 as compared to last year.

TIC Thane: - The ratio is 0.77 which is lower than last years value of 1.00.

CADA Pune: In M.I. tanks under this circle ratio is 1.00

KIC Ratnagiri: The performance improved this year achieving the State target.

SIC Sangli: The ratio improved from 0.77 to 1.00. The State target is achieved this year.



Plangroup	Circle	FY Avg	LY 2008-09	TY 2009-10	Past Max	Past Min	AVG Per	State Tar
Highly Deficit	CADA Beed	0.34	0.77	0.76	0.00	0.23	0.88	1
	PIC Pune	0.72	0.77	0.86	0.00	0.68		1
	CADA Solapur	0.68	0.77	0.89	0.00	0.31		1
	SIC Sangli	1.00	1.00	1.00	0.00	0.77		1
Deficit	AIC Abad	0.41	0.00	0.00	0.00	0.20	0.54	1
	WIC Washim	0.01	0.77	0.01	0.00	0.00		1
	NIC Nanded	0.14	0.77	0.10	0.00	0.05		1
	BIPC Buldhana	0.00	0.00	0.39	0.00	0.00		1
	CADA Beed	0.59	0.77	0.47	0.00	0.38		1
	CADA Abad	0.84	1.00	0.80	0.00	0.56		1
	AIC Akola	0.71	0.77	0.83	0.00	0.58		1
	CADA Jalgaon	0.70	0.77	0.84	0.00	0.60		1
	CADA Nashik	1.00	1.00	0.88	0.00	0.64		1
Normal	NIC Nanded	0.18	0.77	0.02	0.00	0.01	0.80	1
	YIC Yavatmal	0.11	0.77	0.28	0.00	0.03		1
	CADA Nashik	0.72	0.77	0.90	0.00	0.46		1
	CADA Jalgaon	0.71	0.77	0.90	0.00	0.34		1
	CADA Pune	0.76	0.77	0.94	0.00	0.60		1
	PIC Pune	0.82	0.77	0.99	0.00	0.61		1
	AIC Akola	0.79	0.77	1.00	0.00	0.44		1
	CADA Nagpur	0.85	0.77	1.00	0.00	0.62		1
	CIPC Chandrapur	0.78	0.77	1.00	0.00	0.41		1
	BIPC Buldhana	0.00	0.00	1.00	0.00	0.00		1
Surplus	CADA Nagpur	0.65	0.77	0.47	0.00	0.42	0.55	1
	CIPC Chandrapur	0.53	0.77	0.63	0.00	0.36		1
Abundant	CIPC Chandrapur	0.35	0.77	0.18	0.00	0.18	0.74	1
	NKIPC Thane	1.00	1.00	0.50	0.00	0.86		1
	TIC Thane	1.00	1.00	0.77	0.00	1.48		1
	CADA Pune	0.63	1.00	1.00	0.00	0.45		1
	KIC Ratnagiri	0.93	0.77	1.00	0.00	0.41		1
	SIC Sangli	0.61	0.77	1.00	0.00	0.54		1

Chapter-5

Action Taken Report

Benchmarking process involves number of steps, right from Indicators selection to monitoring of results obtained through action taken on deficiencies in last year's performance. Where the Benchmarking of irrigation projects has been a routine process of performance evaluation, preparation of a comprehensive, problem specific action plan for every individual irrigation project based on the outcome of last year's performance & its effective implementation plays an important role in securing the desired improvement.

Since last nine years, Water Resources Department is using Benchmarking as an effective tool to evaluate the performances of irrigation projects. Project wise, Indicator wise results along with probable causes for low performances compared to past achievement as well as State targets are made available to field officers with the intention and directives to prepare and implement a project wise consolidated action plan.

Project authorities are no doubt taking the cognizance of the low performance and are taking suitable actions to seek the desired improvement in Irrigation Management. But the information gathered so far indicates that instead of preparing a detail, integrated action plan, actions are taken in the form of a single activity.

Not a single action plan is received from Project authorities for the year 2009-10; hence it is not incorporated in this report.

Chapter 6

Benchmarking of Water Users' Associations

Till end of June 2009, a potential to the tune of 4.634 Mha has been created in the State. At present, the management of created irrigation potential is done at department level out of which 11.02 lac ha is managed by 2815 Water Users Associations working on major, medium and minor projects.

Govt. of Maharashtra has categorically taken the decision of handing over the total created potential to the Water Users' Associations. To obviate the problems in establishing WUA, an act namely MMISF Act, 2005 has been passed in the State Legislature.

At present, Maharashtra Water Sector Improvement Programme (MWSIP) is under implementation through which a potential to the tune of 0.67 Mha on 286 projects shall be handed over to1545 WUA in the stipulated period. The MMISF Act 2005 is made applicable to the projects under MWSIP. Above mentioned act is made applicable to all projects under MWSIP.

For evaluating the irrigation performance of irrigation projects and bringing about necessary improvement in irrigation water management, the State is using Benchmarking as an effective management tool for nine years.

Considering huge investment through public exchequer, in construction of projects along with large amount of fund investment involved in rehabilitation of irrigation systems before handing over to WUA, evaluation of the performance of WUA using benchmarking is necessary. Benchmarking of WUA will help to determine and bring necessary improvement in the overall functioning. Also it will help the department to ascertain whether the objectives of handing over the irrigation management to WUA are attained or not.

6.1 Objectives of Benchmarking of WUA

1. To determine the participation of beneficiaries in working of WUA.
2. To ascertain whether the WUA is getting the water as per sanctioned quota and revenue collected as per the agreement and guidelines or not.
3. To enhance area irrigated and output after the irrigation management is handed over to WUA
4. To determine per ha water use (excluding well/ river lift) in the jurisdiction of WUA

5 To check the conjunctive use of wells in the command of WUA.

6 To determine the financial status / self-sustainability of WUA.

7 To check whether water is equitably supplied to beneficiaries at head, middle and tail reaches of the canal system under the jurisdiction of WUA

8 To fix the area of problems so as to take suitable action to improve the performance of a distribution system, ultimately of the project.

9 To create a sense of responsibility among the office bearers of WUA and discipline among members of the association.

10 Changes in cropping pattern.

11 Adoption in water saving techniques.

12 Gender participation.

13 Upliftment of economically weaker sections of farming community.

6.2 Proforma for data submission for Benchmarking of WUA:

For collecting the data for benchmarking of WUA, proformae are designed in regional language (Marathi). The proformae in English are shown on subsequent pages of this report.

6.3 Selection of WUA for Benchmarking:

Looking to the large number of WUA formed so far, initially data of two WUA on major and one from medium & minor project from each circle is collected. Secondly, preference is given to WUA which are functioning for a longer period.

Accordingly, data for 12 WUA on 7 major projects from 5 irrigation circles has been analyzed.

6.4 Methodology adopted for Benchmarking:

Considering the WUA selected are in limited numbers, benchmarking is carried out by -

I) comparing the performance of individual WUA with State target

ii) Comparing the performance of two WUA on the same project,

iii) Comparing the performance of two WUA from two different projects but from same plan group.

6.5 Targets:

Targets for indicator I to III, VI, VII and IX are shown in Proforma 2 annexed and are self explanatory.

Target for indicator IV (Annual water use per unit area irrigated) is 70 percent of that of project (7692 cum/ha) considering 30 % transit losses in canal as the water

supplied to WUA is measured at off taking of the concerned distributory /minor. Thus target works out to 5384 cum/ha.

Target for indicator V (Annual expenditure per ha for irrigation management) for a WUA is evaluated as follows:

Total command area of a WUA: 200 ha (Assumed)

Salary of Staff and other mandatory expenditure for IWM per annum

Sr.No.	Item	Amount(Rs)
1	Salary of one canal inspector	36000
2	Salary of one labour	18000
3	Office building rent	6000
4	Maintenance of distribution system	4000
5	Telephone, electricity bill	12000
6	Report publication etc	3000
7	Stationary	1000
	Total	80000

Annual expenditure per unit area irrigated = $\frac{80000}{200}$

= Rs 400 / ha

6.6 Indicator wise analysis

Data of 2009-10 for benchmarking of WUA was received from some selected WUA in prescribed proforma and indicator values are obtained.

Indicator wise, WUA wise findings along with charts are given in Chart I to IX

Indicator I: Percentage of WUA members to total beneficiaries in command of WUA

All the WUA except Krishna, Datta & Yogeshwar have membership ranging between 52 to 85%. It is opined that, to increase farmers' participation in irrigation water management & to increase the efficiency of WUA, all beneficiaries should be members of WUA**.**

Indicator II: Percentage of Water supplied to the sanctioned Water quota

In Pandurang, Datta, Yogeshwar & Nanaksingh, water is supplied as per sanctioned quota. However, in rest of the WUA, the percentage of water supplied ranges from 9 to 61%.

Indicator III: Ratio of potential utilization to Maximum utilization prior to formation of WUA.

In all the WUA except Shukleshwar, Bhagawati, Krishna & Godawari the ratio is more than 1.

Indicator IV: Annual Irrigation water use per unit area Irrigated (Cum/ha)

The water use per unit irrigated area is nearer to the State norm in Shukleshwar only. Rest of the WUA will have to improve the performance.

Indicator V: Annual expenditure per Ha by WUA for irrigation management (Rs /ha)

Annual expenditure per ha for irrigation management in Bhagwati & Krishna exceeds State norm. They should take proper measures to maintain the economic sustainability.

Indicator VI: Cost recovery ratio.

All WUA expect Krishna, Godawari & Parashari have achieved the State target.

Indicator VII: Ratio of Water revenue remitted to Govt. to Actual water revenue recovered

Shukleshwar, Krishna, Godawari, Parashari & Jai Ambica had paid the recovered water charges to the Govt. The remittance of revenue in rest of the WUA ranges from 19% to 60%. Bhagawati has not remitted the amount to Govt.

Indicator VIII: Annual Output per ha of area irrigated (Rs/ha)

Output per ha on all WUA except Krishna & Godawari appears to be satisfactory as compared to the norm.

In general, output per ha observed on WUA in normal plan group is more than that observed on WUA in deficit plan group.

Indicator IX: Equity performance

From the available data it reveals that, water was not supplied to all beneficiaries in the command by respective WUA except Krishna & Godawari.

6.7 Action Ahead

1. At present looking to large number of WUA, benchmarking of selected WUA on major projects is possible at State level. After handing over of irrigation management of all projects to WUA, benchmarking of apex (Canal, Distributory) WUA would be feasible at State level.
2. In case of medium and minor projects which are totally handed over to WUA, benchmarking could be entrusted to concerned Divisions and Sub divisions respectively. In case of major projects, benchmarking of WUA on main canal can be carried out at circle level.

Format for Data to be submitted for Benchmarking of Water Users' Association (Proforma 1)

Irrigation Year :

Name of Project	Name of Circle	Basin No.	Name of Water User Association	Number of beneficiaries in command of WUA	Number of WUA members	Sanction Quota of WUA as per agreement (TCM)				Actual quota received to WUA (TCM)			
						Kharif	Rabbi	Hot weather	Total	Kharif	Rabbi	Hot weather	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Annual crop area measured in command of WUA before establishment (ha)	Crop area measured during irrigation year (ha)	Total area irrigated in irrigation year (ha)	Expenditure on irrigation management during irrigation year (Rs)	Water cess recovery during irrigation year (Rs)	Water cess paid to Govt. during irrigation year (Rs.)	Annual income during irrigation year (Rs.)	Number of WUA members in total length of channel			Number of WUA members as per actual area irrigated during the year			
							Head	Middle	Tail	Head	Middle	Tail	
15	16	17	18	19	20	21	22	23	24	25	26	27	

Details of Indicators used for Benchmarking of Water User Association (Proforma 2)

Indicator No.	Indicator	Target	Purpose of Indicator
Indicator No. I	Percentage of WUA members to total beneficiaries in Command of WUA	100%	To enhance the extent of coverage in the Irrigation Management of WUA
	(Column 6 /Column 5)* 100		
Indicator No. II	Percentage of water supplied to sanction quota	100%	To ascertain the actual water quota received as compared to the sanction water quota during the irrigation year.
	(Column 14 /Column 10)* 100		
Indicator No. III	Ratio of actual area irrigated to the area irrigated before functioning of the WUA	More than 1	To check whether area irrigated is increased or decreased after the formation of WUA.
	(Column 16 /Column 15)		
Indicator No. IV	Annual irrigation water use per unit area irrigated (Cum/ha)	Less than 5382 Cum	To check the economic, efficient use of water in irrigation management.
	(Column 14 x 1000/Column 17)		
Indicator No. V	Annual expenditure per ha for irrigation management (Rs/ha)	Rs. 400/ha	To check economy in expenditure for irrigation management.
	(Column 18 /Column 16)		
Indicator No. VI	Ratio of annual expenditure to recovered water charges	More than 1	To check and decide the self sustainability of WUA.
	(Column 19 /Column 18)		
Indicator No. VII	Ratio of water revenue remitted to Govt. to actual water revenue recovered	More than 1	To check the actual remittance of water charges to Govt. out of revenue collected.
	(Column 20 /Column 19)		

Indicator No.	Indicator	Target	Purpose of Indicator
Indicator No. VIII	Annual Output per ha of area irrigated (Rs/ha)	As per State target for project BM	To check actual increase in income of beneficiaries due to freedom of crops and participation of farmers in irrigation management.
	(Column 21 /Column 16)		
Indicator No. IX	Equity Performance		To check equitable distribution of water in head, middle & tail reaches of WUA. Reaches are defined by equally dividing the total beneficiaries in three reaches namely head, middle and tail.
	Head	One	
	(Column 25 /Column 22)		
	Middle	One	
	(Column 26 /Column 23)		
	Tail	One	
	(Column 27 /Column 24)		

Circle wise Ancillary information of WUA in Highly Deficit & Abundant Plan group (Proforma 3)

Sr. No.	Item /Circle	CADA Solapur	SIC Sangli
	Project	Bhima (Ujjani)	Warna
	Name of WUA	Pandurang	Nanaksingh
1	Jurisdiction of WUA	Dy No.35 on Ujjani LBC	Dy No.1,2,3
2	ICA of WUA	117 ha	111 ha
3	Is WUA included in MWSIP?	No	No
4	Date of handing over of IWM (command area) to the WUA	12-12-1994	6-8-2004
5	No of wells in command area of WUA		
	a) Before handing over	50	0
	b) Total as on today	61	0
6	Subsidy received during the irrigation year	Nil	0
7	Year for which subsidy is not received	2004-05 to 2007-08	2004-05 to 2009-10
8	Dose the well water was used as an additional source for irrigation during the irrigation year	Yes	No
9	Area under perennial crops during the irrigation year	162 ha	25 ha
10	No. of staff employed for irrigation management by WUA	2	3
11	Does water supply was on volumetric basis or not	Volumetric basis	Volumetric basis
12	Assessment of water charges were on volumetric basis or as per crop area measurement	On volumetric basis	On volumetric basis
13	Percentage of actual live storage to the design storage in the reservoir during the irrigation year	100%	100%
14	Reasons for less achievements compared to the set target during the irrigation year	1) The farmers getting benefit of irrigation from river are not becoming the members of WUA. 2) There is conjunctive use of wells & canal.	1) Deterioted disnet system. 2) Fill Irrigation potential is not created.

Circle wise Ancillary information of WUA in Deficit Plan group (Proforma 3)			
Sr. No.	**Item /Circle**	**CADA Beed**	
	Project	Majalgaon	
	Name of WUA	Bhagwati	Shukleshwar
1	Jurisdiction of WUA	Minor No.1 to 7/ Tilsmukh branch/ MRBC	Minor No.8/ GM Branch Canal / MRBC
2	ICA of WUA	555 ha	725 ha
3	Is WUA included in MWSIP?	No	No
4	Date of handing over of IWM (command area) to the WUA	25-03-1998	9-10-1998
5	No of wells in command area of WUA		
	a) Before handing over	2	68
	b) Total as on today	75 (40wells, 35 Bore wells)	93
6	Subsidy received during the irrigation year	0	0
7	Year for which subsidy is not received	2006-07 to 2009-10	2007-08 to 2009-10
8	Dose the well water was used as an additional source for irrigation during the irrigation year	Yes	Yes
9	Area under perennial crops during the irrigation year	51 ha	59 ha
10	No. of staff employed for irrigation management by WUA	2	2
11	Does water supply was on volumetric basis or not	Volumetric basis	Volumetric basis
12	Assessment of water charges were on volumetric basis or as per crop area measurement	On volumetric basis	On volumetric basis

13	Percentage of actual live storage to the design storage in the reservoir during the irrigation year	100%	48%
14	Reasons for less achievements compared to the set target during the irrigation year	1) Less response from WUA members 2) Due to more number of wells in command ,there was low response to canal irrigation 3) Trend of cultivators towards cash crops	

Sr. No.	**Item /Circle**	**NIC Nanded**	
	Project	Purna	
	Name of WUA	Krishna	Godawari
1	Jurisdiction of WUA	Malegaon Minor /Dour Minor / camp colony DO No.5 to 9	Kamtha Minor 1,2,3/ Do No.10 to 15
2	ICA of WUA	1036 ha	619 ha
3	Is WUA included in MWSIP?	No	No
4	Date of handing over of IWM (command area) to the WUA	3.7.1991	3.7.1991
5	No of wells in command area of WUA		
	a) Before handing over	92	78
	b) Total as on today	141	102
6	Refund of water charges during the irrigation year	Rs 64888/-	Rs 58640/-
7	Year for which subsidy is not received	Nil	Nil
8	Dose the well water was used as an additional source for irrigation during the irrigation year	Yes	Yes
9	Area under perennial crops during the irrigation year	50.30 ha	26.40 ha
10	No. of staff employed for irrigation management by WUA	8	6

11	Does water supply was on volumetric basis or not	Volumetric basis	Volumetric basis
12	Assessment of water charges were on volumetric basis or as per crop area measurement	On volumetric basis	On volumetric basis
13	Percentage of actual live storage to the design storage in the reservoir during the irrigation year	100%	100%
14	Reasons for less achievements compared to the set target during the irrigation year	Information not available	

Circle wise Ancillary information of WUA in normal plan group (Proforma 3)					
Sr. No.	**Item /Circle**	**CADA Nashik**			
	Project	Ozerkhed	Ozerkhed	Palkhed	
	Name of WUA	Parashari	Saptashrangi	Sant Muktabai	Jai Ambika
1	Jurisdiction of WUA	Godagaon Dy on Ozerkhed canal	Ambe Pimpalgaon Dy on Ozerkhed canal	Dy.14 Palkhed Left Bank Canal	Dy.10 & 11 Palkhed Left Bank Canal
2	ICA of WUA	520 ha	583 ha	462 ha	534 ha
3	Is WUA included in MWSIP?	No	No	No	No
4	Date of handing over of IWM (command area) to the WUA	01/01/1993	29/07/1995	10/2006	01/ 11/2002
5	No of wells in command area of WUA				
	a) Before handing over	98	107	379	390
	b) Total as on today	125	192	391	415
6	Subsidy received during the irrigation year	Rs. 29906/-	Rs. 49964/-	Nil	Nil
7	Year for which subsidy is not received	2004 -05	2008-09	2008-09, 2009-10	2008-09, 2009-10
8	Does the well water was used as an additional source for irrigation during the irrigation year	Yes	Yes	Yes	Yes
9	Area under perennial crops during the irrigation year	123 Ha.	119 ha	210 ha	195 ha

10	No. of staff employed for irrigation management by WUA	2	1	1	1
11	Does water supply was on volumetric basis or not	Volumetric basis	Volumetric basis	Volumetric basis	Volumetric basis
12	Assessment of water charges were on volumetric basis or as per crop area measurement	On volumetric basis	On volumetric basis	On volumetric basis	On volumetric basis
13	Percentage of actual live storage to the design storage in the reservoir during the irrigation year	42%	42 %	100%	100%
14	Reasons for less achievements compared to the set target during the irrigation year	More rainfall in command area resulting increase in irrigation on wells	More rainfall in command area resulting increase in irrigation on wells	Due to less rainfall in command area there is less utilization of water.	Due to less rainfall in command area there is less utilization of water.

Circle wise Ancillary information of WUA in normal plan group (Proforma 3)

Sr. No.	Item /Circle	CADA Nashik	
	Project	Mula	
	Name of WUA	Datta	Yogeshwar
1	Jurisdiction of WUA	Dy No 7 of Mula Right Bank Canal.	Dy No 3, Minor No 2 of Mula Right Bank Canal.
2	ICA of WUA	361 Ha	200.70 Ha
3	Is WUA included in MWSIP?	Yes	Yes
4	Date of handing over of IWM (command area) to the WUA	30-06-1989	24-10-1997
5	No of wells in command area of WUA		
	a) Before handing over	162	88
	b) Total as on today	182	109
6	Subsidy received during the irrigation year	Rs. 97273/-	Rs. 15520/-
7	Year for which subsidy is not received	2001-02 to 2007-08	2006-07& 2007-08
8	Dose the well water was used as an additional source for irrigation during the irrigation year	Yes	Yes
9	Area under perennial crops during the irrigation year	173 Ha	50 Ha
10	No. of staff employed for irrigation management by WUA	3	2
11	Does water supply was on volumetric basis or not	Volumetric basis	Volumetric basis

12	Assessment of water charges were on volumetric basis or as per crop area measurement	Volumetric basis	Volumetric basis
13	Percentage of actual live storage to the design storage in the reservoir during the irrigation year	73 %	73 %
14	Reasons for less achievements compared to the set target during the irrigation year	-	

Indicator I: Percentage of WUA'S member to total beneficiaries

Plan group	Circle	Project	W U A	Value	
				2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	61	61
Deficit	CADA Beed	Majalgaon	Shukleshwar	59	59
			Bhagwati	70	67
	NIC Nanded	Purna	Krishna	77	100
			Godawari	65	65
Normal	CADA Nashik	Ozerkhed	Parashari	64	64
			Saptashrangi	53	53
		Palkhed	St.Muktabai	54	54
			Jai Ambika	85	85
		Mula	Datta	100	100
			Yogeshwar	100	100
Abundant	SIC Sangli	Warna	Nanaksingh	52	52

Indicator II: Percentage of water supplied to sanctioned water quota

Plan group	Circle	Project	W U A	Value	
				2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	125	145
Deficit	CADA Beed	Majalgaon	Shukleshwar	53	10
			Bhagwati	105	17
	NIC Nanded	Purna	Krishna	17	17
			Godavari	61	61
Normal	CADA Nashik	Ozerkhed	Parashari	22	22
			Saptashrangi	59	59
		Palkhed	St.Muktabai	53	28
			Jai Ambika	13	9
		Mula	Datta	158	117
			Yogeshwar	86	127
Abundant	SIC Sangli	Warna	Nanaksingh	131	108

Indicator III: Ratio of Potential Utilisation to maximum Utilisation prior to formation of WUA

Plan group	Circle	Project	W U A	Value	
				2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	2.56	2.47
Deficit	CADA Beed	Majalgaon	Shukleshwar	1.22	0.3
			Bhagwati	2.37	0.21
	NIC Nanded	Purna	Krishna	0.63	0.56
			Godavari	1.12	0.55
Normal	CADA Nashik	Ozerkhed	Parashari	2.20	2.2
			Saptashrangi	4.60	4.73
		Palkhed	St.Muktabai	2.32	2.08
			Jai Ambika	1.95	1.52
		Mula	Datta	1.20	1.12
			Yogeshwar	1.43	2.45
Abundant	SIC Sangli	Warna	Nanaksingh	1.81	2.26

Indicator IV: Annual Irrigation water use per unit area Irrigated (Cum/ha)

Plan group	Circle	Project	W U A	Value	
				2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	3012	3627
Deficit	CADA Beed	Majalgaon	Shukleshwar	7254	5776
			Bhagwati	10911	10199
	NIC Nanded	Purna	Krishna	2888	1378
			Godavari	5396	1347
Normal	CADA Nashik	Ozerkhed	Parashari	1176	1176
			Saptashrangi	1951	277
		Palkhed	St.Muktabai	3750	824
			Jai Ambika	3452	474
		Mula	Datta	5366	3598
			Yogeshwar	3282	2642
Abundant	SIC Sangli	Warna	Nanaksingh	11000	7576

Indicator V: Annual expenditure per ha by WUA for irrigation management (Rs /ha)

Plan group	Circle	Project	W U A	Value	
				2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	157	173
Deficit	CADA Beed	Majalgaon	Shukleshwar	160	507
			Bhagwati	1190	3380
	NIC Nanded	Purna	Krishna	1528	1329
			Godavari	477	532
Normal	CADA Nashik	Ozerkhed	Parashari	28	287
			Saptashrangi	180	282
		Palkhed	St.Muktabai	174	136
			Jai Ambika	959	74
		Mula	Datta	303	269
			Yogeshwar	351	192
Abundant	SIC Sangli	Warna	Nanaksingh	388	533

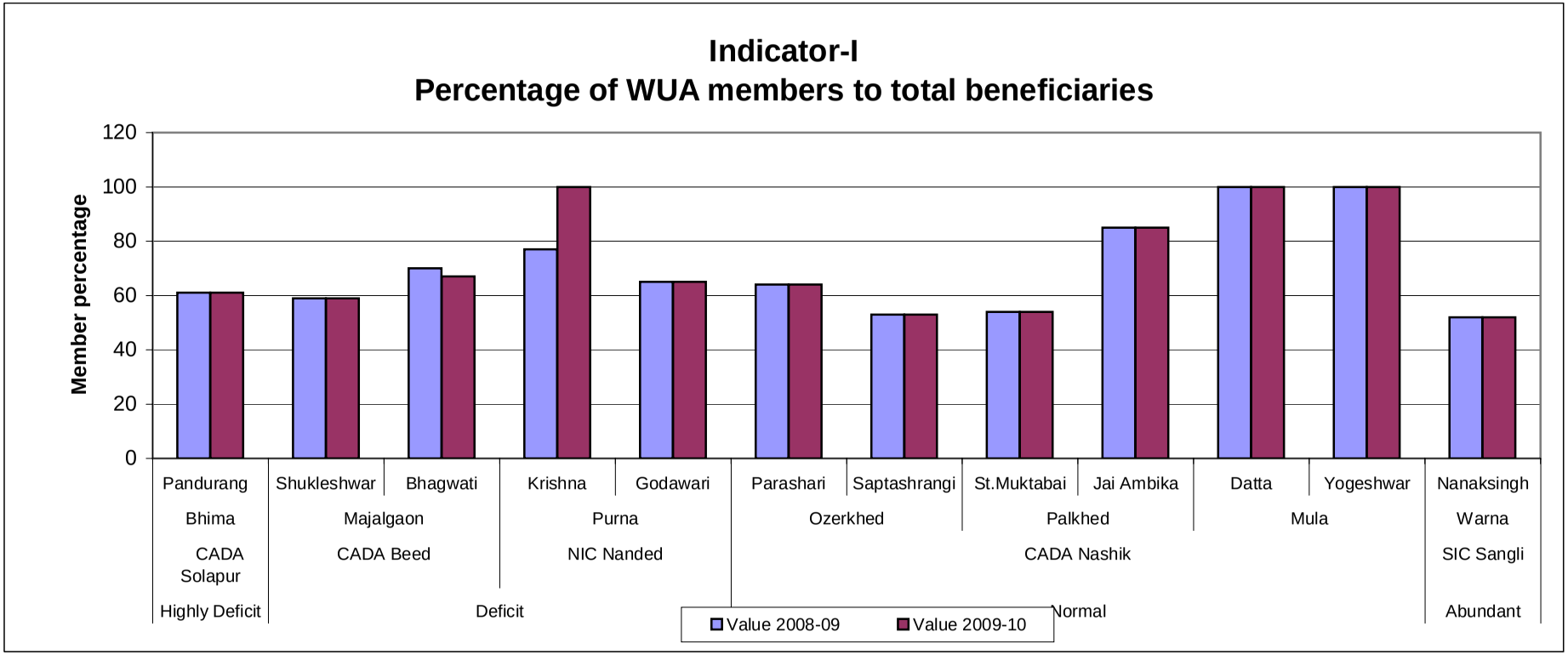
Indicator VI: Cost recovery Ratio					
Plan group	Circle	Project	W U A	Value	
				2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	2.63	2.57
Deficit	CADA Beed	Majalgaon	Shukleshwar	2.94	3.95
			Bhagwati	2.37	1.01
	NIC Nanded	Purna	Krishna	1.49	0.39
			Godavari	1.81	0.11
Normal	CADA Nashik	Ozerkhed	Parashari	10.13	0.45
			Saptashrangi	2.1	2.68
		Palkhed	St.Muktabai	0.17	1.47
			Jai Ambika	0.14	0.96
		Mula	Datta	2.66	2.75
			Yogeshwar	1.89	3.03
Abundant	SIC Sangli	Warna	Nanaksingh	2.15	1.53

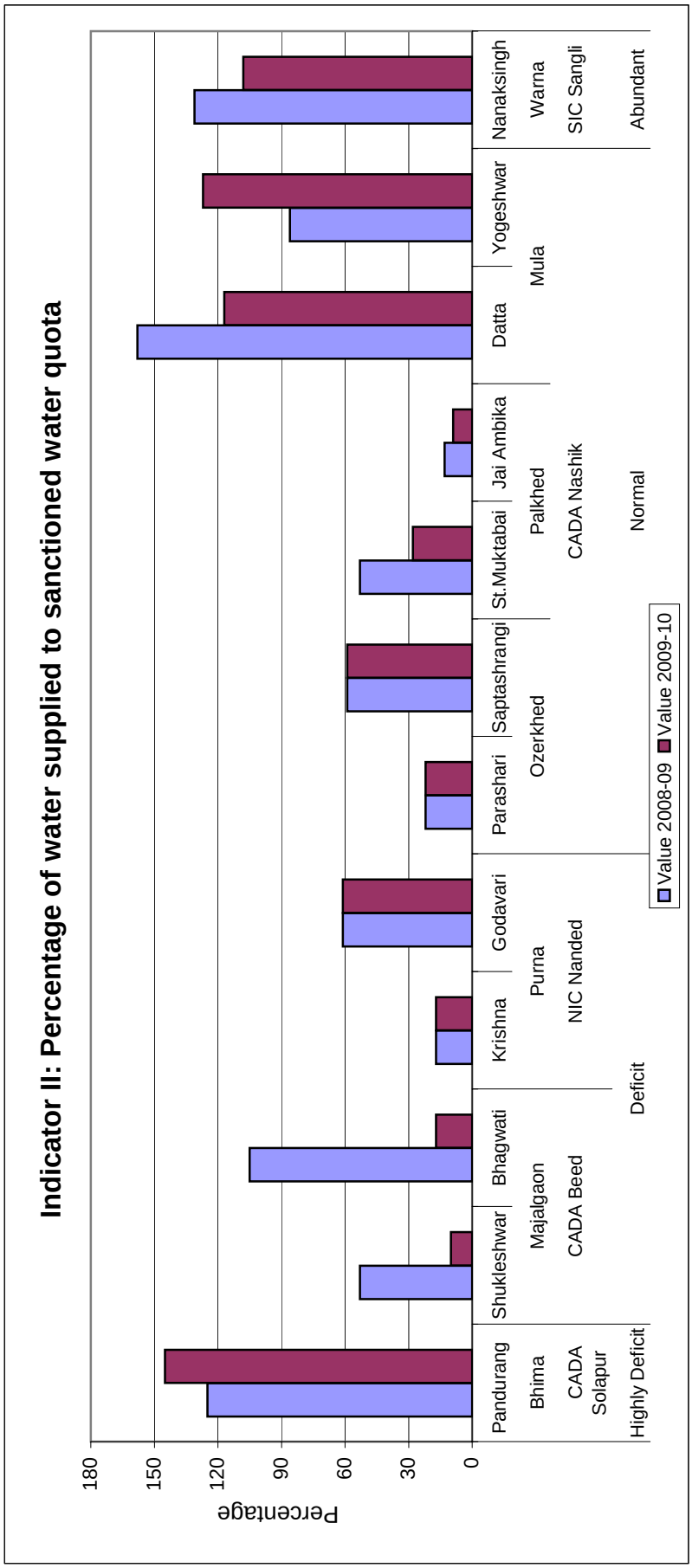
Indicator VII: Ratio of water revenue remitted to Govt. to actual water revenue recovered					
Plan group	Circle	Project	W U A	Value	
				2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	0.49	0.19
Deficit	CADA Beed	Majalgaon	Shukleshwar	1.00	1
			Bhagwati	0.85	0
	NIC Nanded	Purna	Krishna	0.85	1.43
			Godavari	0.62	4.84
Normal	CADA Nashik	Ozerkhed	Parashari	0.46	0.99
			Saptashrangi	0.70	0.25
		Palkhed	St.Muktabai	0.78	0.47
			Jai Ambika	0.80	1.08
		Mula	Datta	0.89	0.5
			Yogeshwar	0.95	0.6
Abundant	SIC Sangli	Warna	Nanaksingh	0.13	0.31

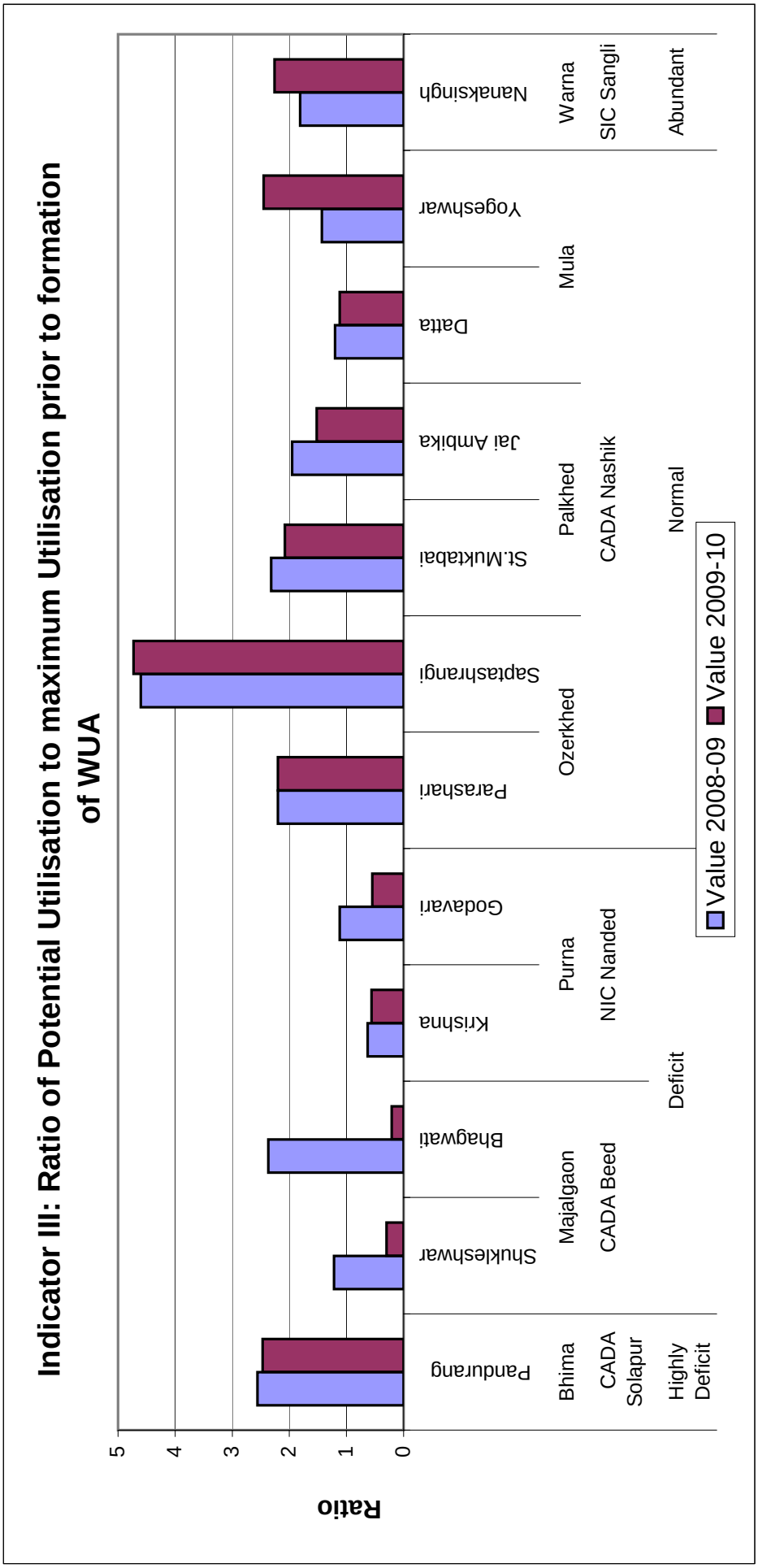
Indicator VIII: Annual Output per ha of area irrigated (Rs/ha)					
Plan group	Circle	Project	W U A	Value	
				2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	95001	52781
Deficit	CADA Beed	Majalgaon	Shukleshwar	28845	40133
			Bhagwati	90699	46900
	NIC Nanded	Purna	Krishna	21990	19287
			Godavari	12358	8702
Normal	CADA Nashik	Ozerkhed	Parashari	480000	202124
			Saptashrangi	383965	184061
		Palkhed	St.Muktabai	385000	199025
			Jai Ambika	275926	267334
		Mula	Datta	56230	56712
			Yogeshwar	40839	33115
Abundant	SIC Sangli	Warna	Nanaksingh	40854	39133

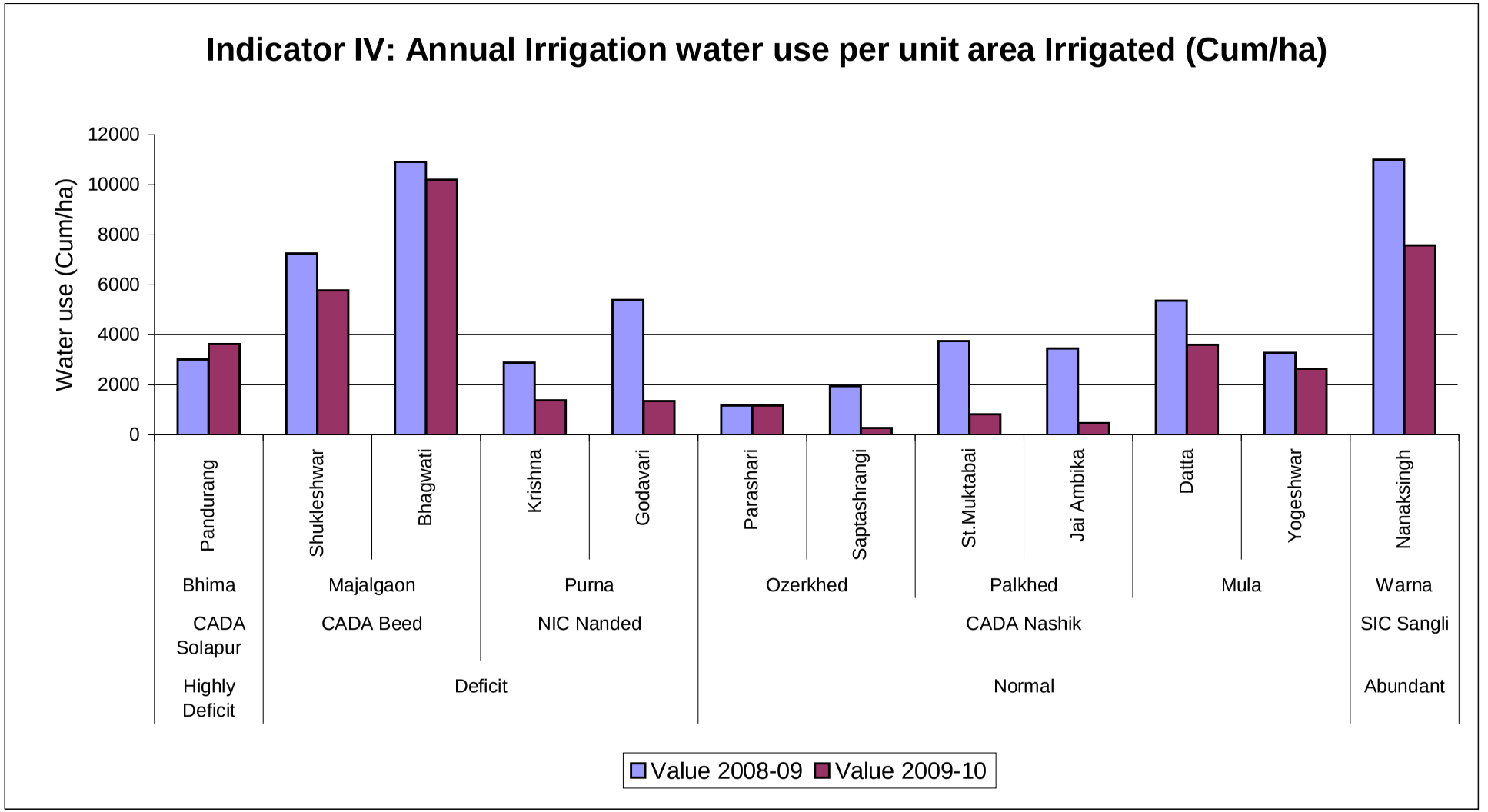
Indicator IX: Equity Performance

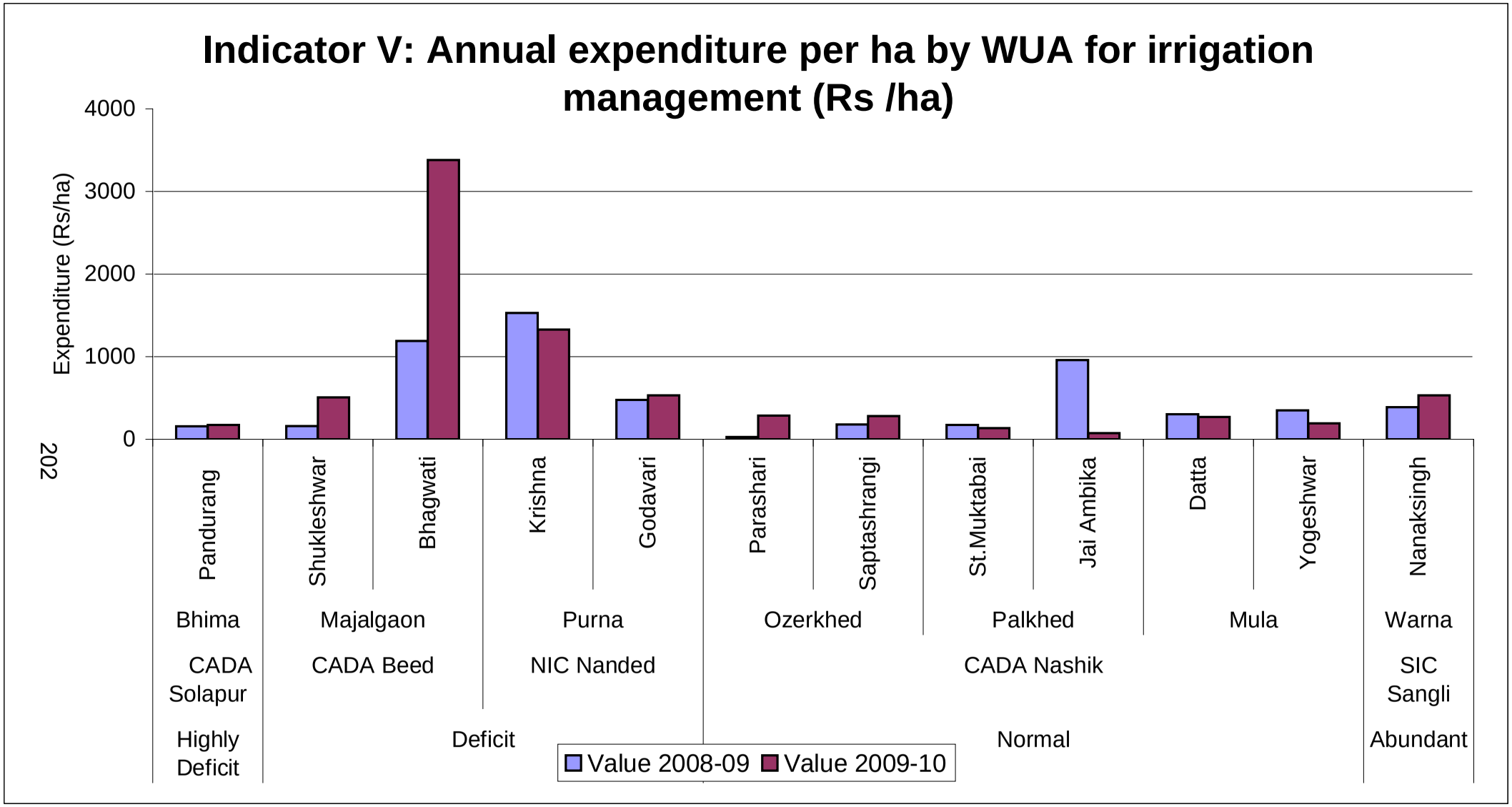
Plan Group	Circle	Project	WUA	Reach	Value	
					2008-09	2009-10
Highly Deficit	CADA Solapur	Bhima	Pandurang	H	0.58	0.58
				M	0.74	0.74
				T	0.44	0.44
Defiicit	CADA Beed	Majalgaon	Shukleshwar	H	0.76	0.45
				M	0.62	0.38
				T	0.22	0.12
			Bhagawati	H	0.63	0.36
				M	0.70	0.64
				T	0.83	0.27
	NIC Nanded	Purna	Krishna	H	1.00	1.00
				M	1.00	1.00
				T	1.00	1.00
			Godavari	H	1.00	1.00
				M	1.00	1.00
				T	1.00	1.00
Normal	CADA Nashik	Ozerkhed	Parashari	H	0.75	0.61
				M	0.42	0.66
				T	0.92	0.5
			Saptashrangi	H	0.96	0.96
				M	0.95	0.72
				T	0.97	0.57
		Palkhed	St. Muktabai	H	0.21	0.28
				M	0.30	0.56
				T	0.56	0.54
			Jai Ambika	H	0.49	0.59
				M	0.19	0.23
				T	0.21	0.24
		Mula	Datta	H	0.19	0.29
				M	0.23	0.37
				T	0.19	0.27
			Yogeshwar	H	0.35	0.56
				M	0.48	0.74
				T	0.33	0.48
Abundant	SIC Sangli	Warna	Nanaksingh	H	0.80	0.80
				M	0.44	0.44
				T	0.14	0.22

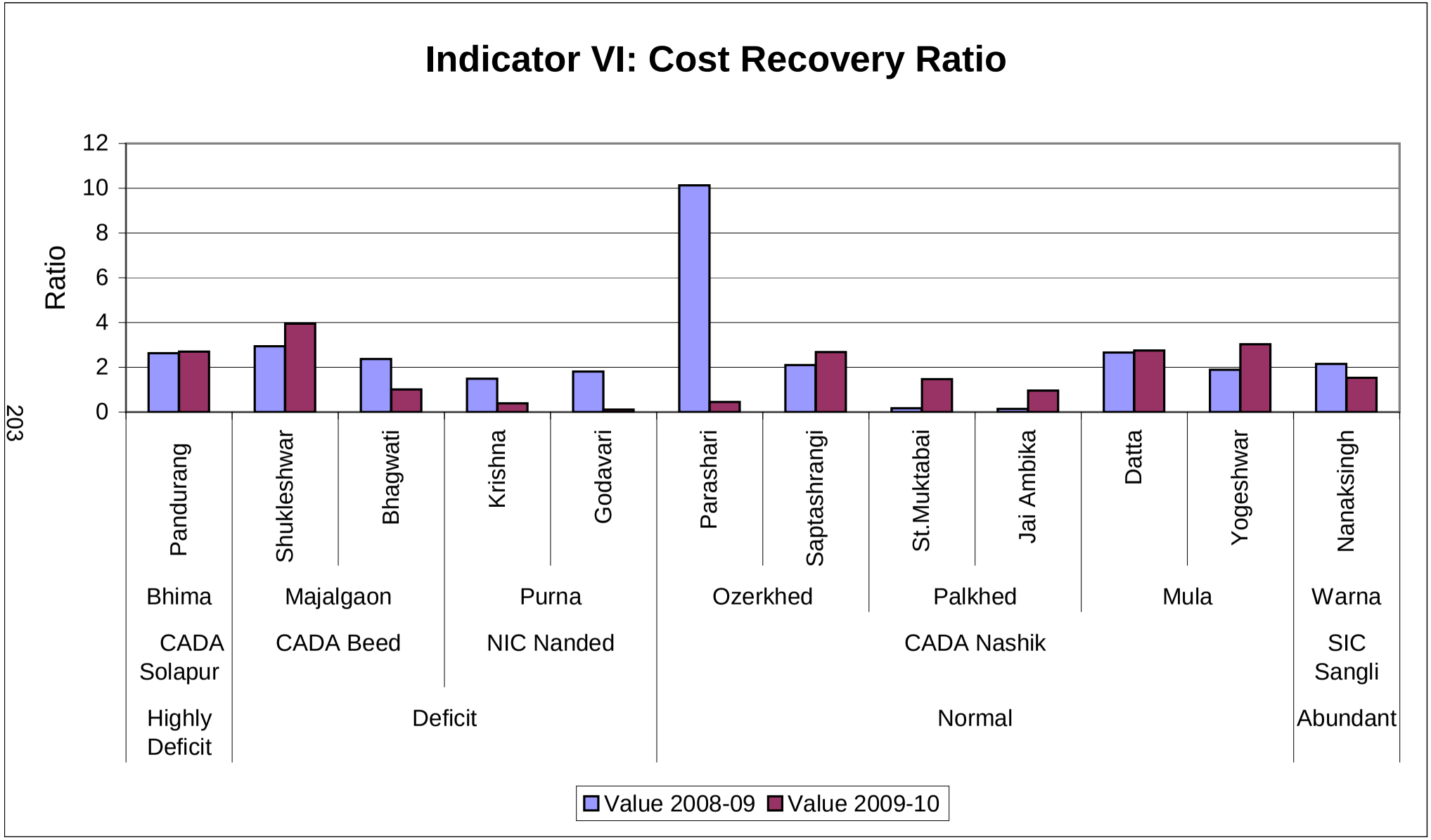

Indicator-I
Percentage of WUA members to total beneficiaries
Member percentage
120
100
80
60
40
20
0
Pandurang
Shukleshwar
Bhagwati
Krishna
Godawari
Parashari
Saptashrangi
St.Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
Majalgaon
Purna
Ozerkhed
Palkhed
Mula
Warna
CADA Solapur
CADA Beed
NIC Nanded
CADA Nashik
SIC Sangli
Highly Deficit
Deficit
Normal
Abundant
Value 2008-09
Value 2009-10

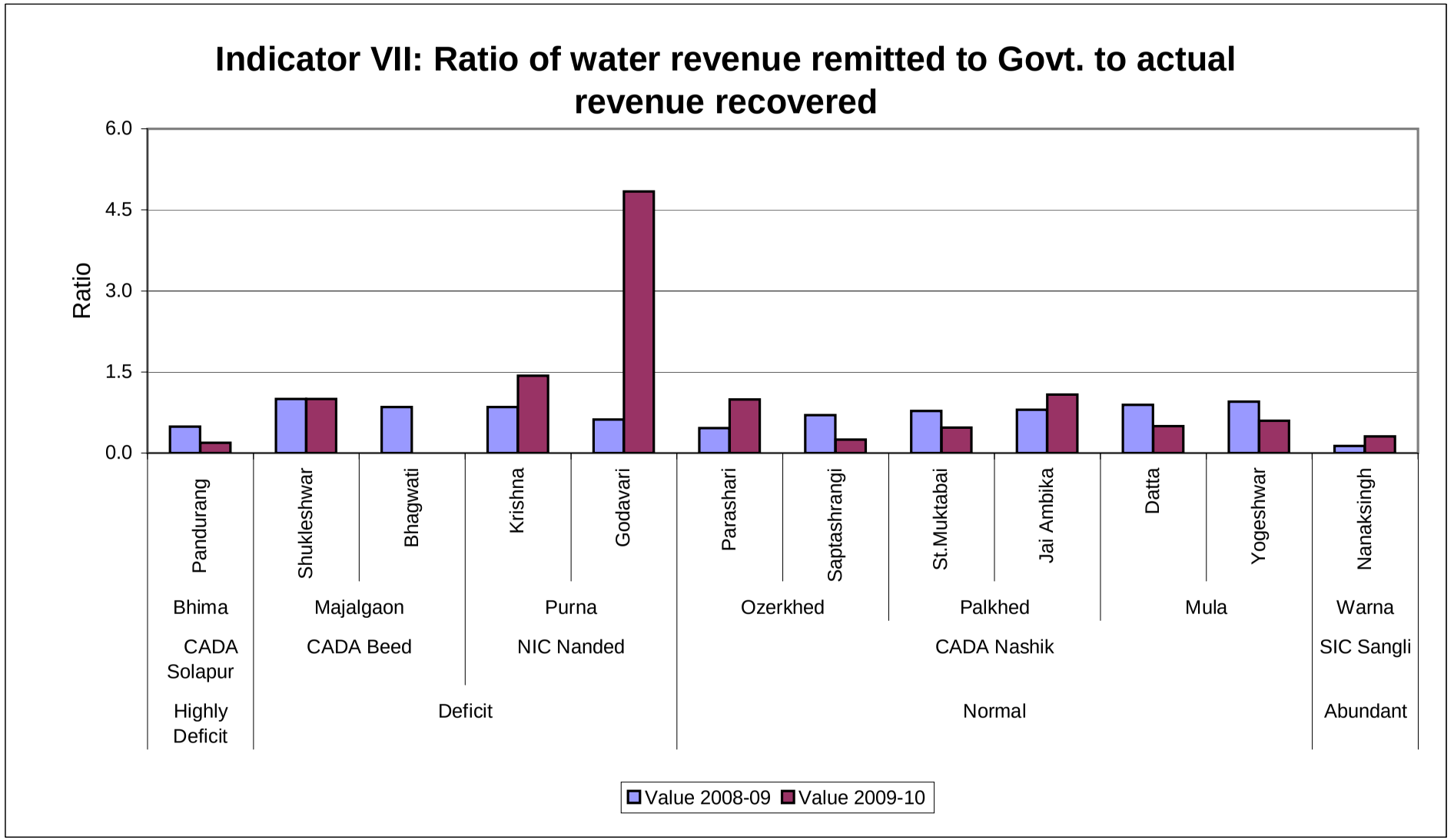

Indicator II: Percentage of water supplied to sanctioned water quota
Percentage
180
150
120
90
60
30
0
Value 2008-09
Value 2009-10
Pandurang
Shukleshwar
Bhagwati
Krishna
Godavari
Parashari
Saptashrangi
St.Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
Majalgaon
Purna
Ozerkhed
Palkhed
Mula
Warna
CADA
CADA Beed
NIC Nanded
CADA Nashik
SIC Sangli
Solapur
Highly Deficit
Deficit
Normal
Abundant

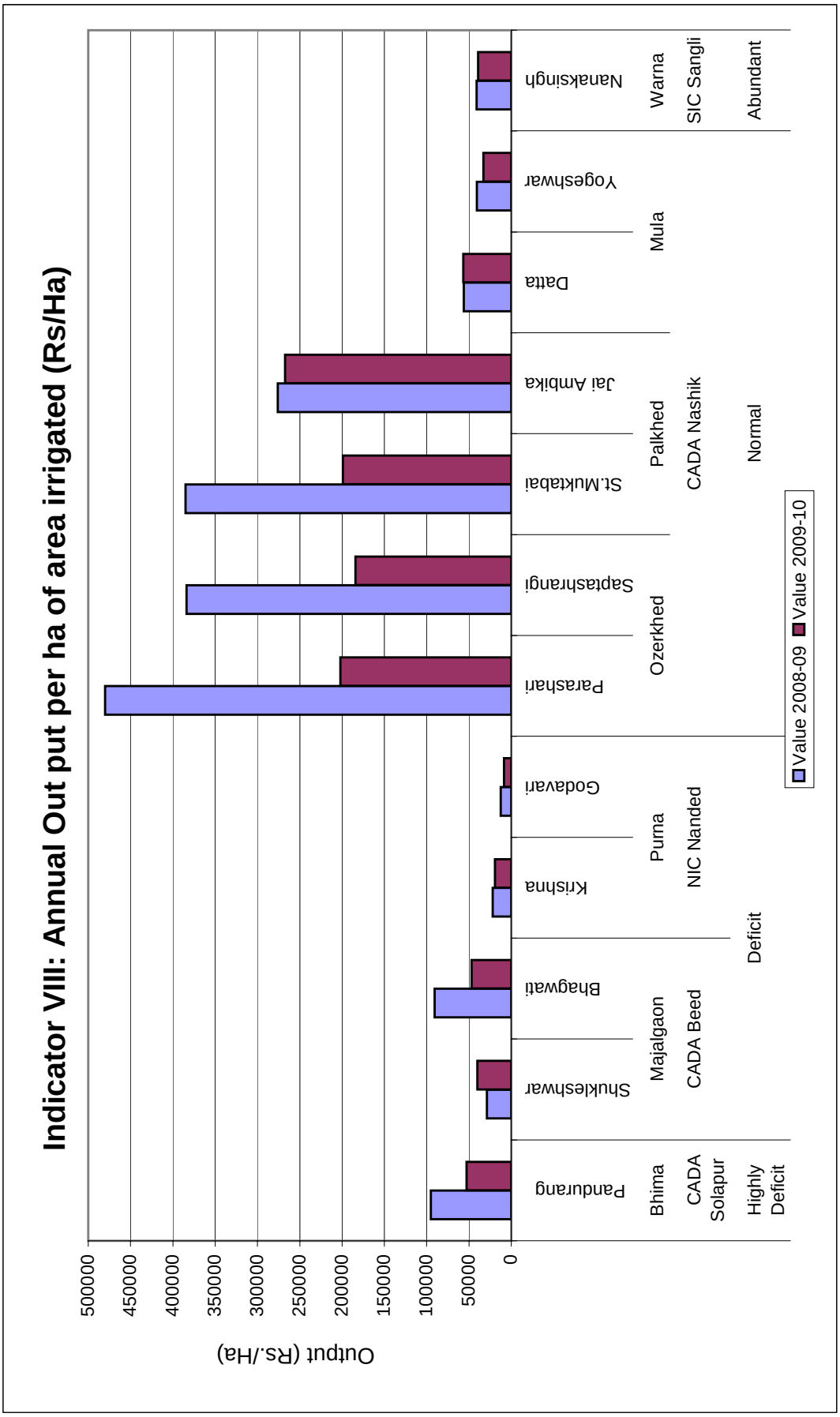

Indicator III: Ratio of Potential Utilisation to maximum Utilisation prior to formation of WUA
Ratio
0
1
2
3
4
5
Value 2008-09
Value 2009-10
Pandurang
Shuklleshwar
Bhagwati
Krishna
Godavari
Parashari
Saptashrangi
St.Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
CADA Solapur
Majalgaon
CADA Beed
Purna
NIC Nanded
Ozerkhed
Palkhed
CADA Nashik
Mula
Warna
SIC Sangli
Highly Deficit
Deficit
Normal
Abundant

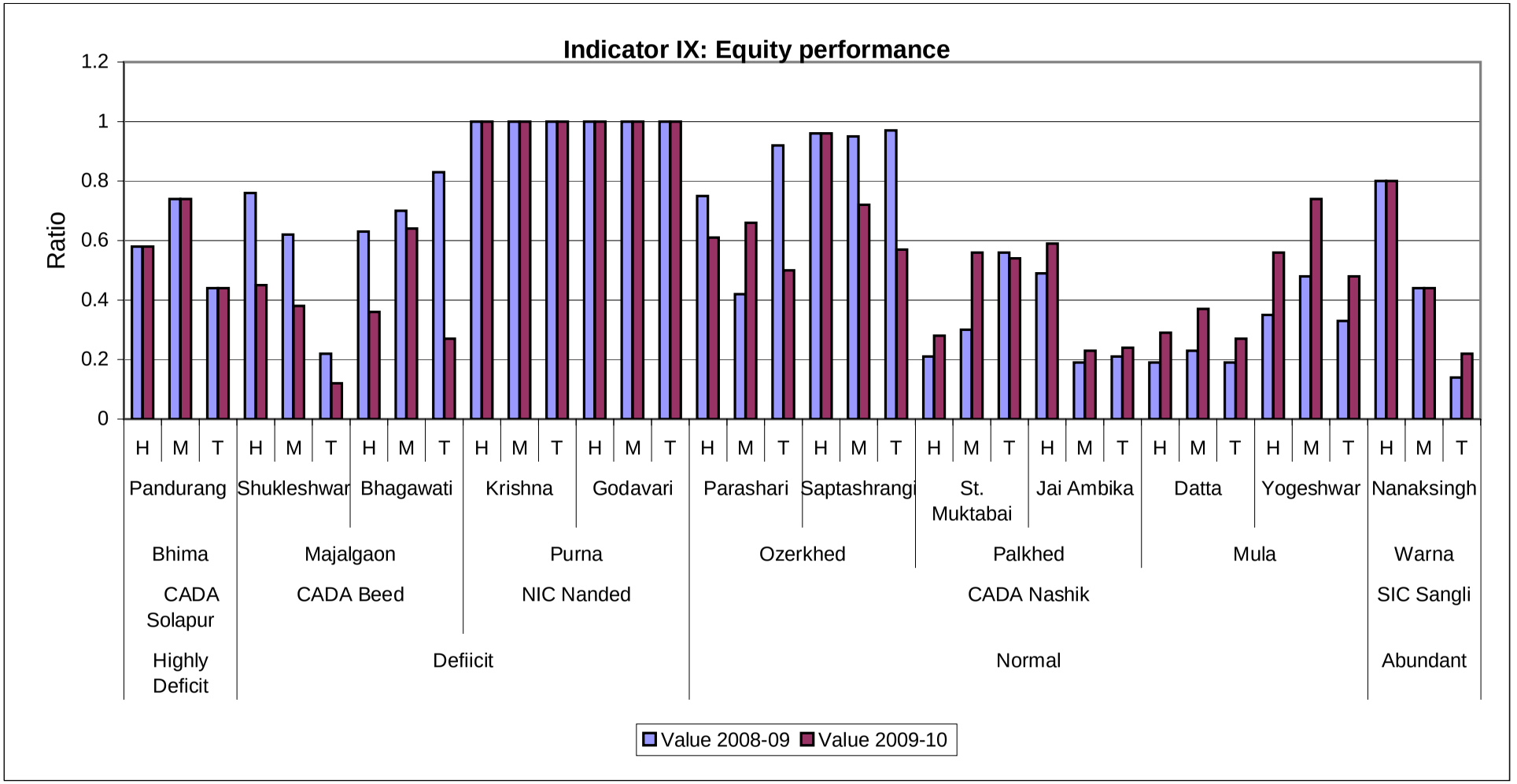

Indicator IV: Annual Irrigation water use per unit area Irrigated (Cum/ha)
Water use (Cum/ha)
12000
10000
8000
6000
4000
2000
0
Pandurang
Shukleshwar
Bhagwati
Krishna
Godavari
Parashari
Saptashrangi
St.Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
Majalgaon
Purna
Ozerkhed
Palkhed
Mula
Warna
CADA Solapur
CADA Beed
NIC Nanded
CADA Nashik
SIC Sangli
Highly Deficit
Deficit
Normal
Abundant
Value 2008-09
Value 2009-10


Indicator V: Annual expenditure per ha by WUA for irrigation management (Rs /ha)
Expenditure (Rs/ha)
4000
3000
2000
1000
0
202
Pandurang
Shukleshwar
Bhagwati
Krishna
Godavari
Parashari
Saptashrangi
St.Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
Majalgaon
Purna
Ozerkhed
Palkhed
Mula
Warna
CADA Solapur
CADA Beed
NIC Nanded
CADA Nashik
SIC Sangli
Highly Deficit
Deficit
Normal
Abundant
Value 2008-09
Value 2009-10


Indicator VI: Cost Recovery Ratio
Ratio
12
10
8
6
4
2
0
Pandurang
Shukleshwar
Bhagwati
Krishna
Godavari
Parashari
Saptashrangi
St.Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
Majalgaon
Purna
Ozerkhed
Palkhed
Mula
Warna
CADA Solapur
CADA Beed
NIC Nanded
CADA Nashik
SIC Sangli
Highly Deficit
Deficit
Normal
Abundant
Value 2008-09
Value 2009-10


Indicator VII: Ratio of water revenue remitted to Govt. to actual revenue recovered
Ratio
6.0
4.5
3.0
1.5
0.0
Pandurang
Shukleshwar
Bhagwati
Krishna
Godavari
Parashari
Saptashrangi
St.Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
Majalgaon
Purna
Ozerkhed
Palkhed
Mula
Warna
CADA Solapur
CADA Beed
NIC Nanded
CADA Nashik
SIC Sangli
Highly Deficit
Deficit
Normal
Abundant
Value 2008-09
Value 2009-10


Indicator VIII: Annual Out put per ha of area irrigated (Rs/Ha)
Output (Rs./Ha)
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
Value 2008-09
Value 2009-10
Pandurang
Shuklleshwar
Bhagwati
Krishna
Godavari
Parashari
Saptashrangi
St.Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
Majalgaon
Purna
Ozerkhed
Palkhed
Mula
Warna
CADA Solapur
CADA Beed
NIC Nanded
CADA Nashik
SIC Sangli
Highly Deficit
Deficit
Normal
Abundant


Indicator IX: Equity performance
Ratio
1.2
1
0.8
0.6
0.4
0.2
0
H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T H M T
Pandurang
Shukleshwar
Bhagawati
Krishna
Godavari
Parashari
Saptashrangi
St. Muktabai
Jai Ambika
Datta
Yogeshwar
Nanaksingh
Bhima
Majalgaon
Purna
Ozerkhed
Palkhed
Mula
Warna
CADA Solapur
CADA Beed
NIC Nanded
CADA Nashik
SIC Sangli
Highly Deficit
Defiicit
Normal
Abundant
Value 2008-09
Value 2009-10

Chapter - 7

Project wise Review of Major and Medium Projects

The Benchmarking Reports published for year 2003-04 to 2007-08 consist of the graphical representation of each indicator with circle as a unit. Project wise data for each indicator was not appearing any where in the said reports.

As per directives of Secretary (CAD) it is decided to incorporate project wise data for last 5 years for all the major and medium projects in the Benchmarking report from year 2008-09.

Accordingly the project wise data for the years 2004-05 to 2009-10 is incorporated in this report as follows.

I) Name of project.

II) Designed live storage in Mm^3

III) Irrigable Command Area in Ha.

IV) Irrigation year

V) Year status

VI) Live storage available as on 15^{th} October

VII) Water used for irrigation in Mm^3

VIII) Irrigated Area in Ha.

IX) Recovery for irrigation in Rs lac

X) Recovery for Non irrigation in Rs lac

XI) Total Recovery for Irrigation & Non irrigation in Rs lac

XII) Irrigation system performance in Ha/Mm^3

Data for last five years of the above parameters for all major and medium projects is tabulated here to have a project wise performance at a glance.

Analysis of Major projects in Maharashtra State (2004-05 to 2009-10)

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
	Amrawati Region											
1	Katepurna	86.35	8325	2004-05	I st	2.34	0.00	0	0.00	25.62	25.62	0
				2005-06	Ii nd	56.74	23.43	2627	0.00	39.65	39.65	112
				2006-07	III rd	86.35	28.64	4740	3.10	131.66	134.76	166
				2007-08	Iv th	80.50	34.42	5985	3.49	136.16	139.65	174
				2008-09	V th	15.40	0.00	0	0.45	92.29	92.74	0
				2009-10	Current	13.51	0.00	0	0.00	33.12	33.12	0
2	Nalganga	69.32	8604	2004-05	I st	24.86	12.74	1324	5.65	5.10	10.75	104
				2005-06	Ii nd	5.63	2.48	688	3.61	2.50	6.11	277
				2006-07	III rd	69.32	35.21	5357	1.55	0.28	1.83	152
				2007-08	Iv th	32.59	24.89	3946	2.98	1.49	4.47	159
				2008-09	V th	19.11	10.51	1513	0.87	3.42	4.29	144
				2009-10	Current	15.83	9.18	1.37	4.29	5.66	9.95	0
3	Pus	91.26	8215	2004-05	I st	7.14	0.00	0	1.15	12.16	13.31	0
				2005-06	Ii nd	91.26	62.44	2958	0.10	0.95	1.05	47
				2006-07	III rd	91.26	69.46	7021	1.01	9.94	10.95	101
				2007-08	Iv th	91.26	59.98	7544	1.73	8.60	10.33	126
				2008-09	V th	75.25	56.32	3917	6.00	14.57	20.57	70
				2009-10	Current	27.92	3.86	418	0.00	82.77	82.77	108
4	Upper Wardha	614.80	75000	2004-05	I st	514.21	291.65	16890	19.55	59.04	78.59	58
				2005-06	Ii nd	582.86	241.88	12067	22.15	66.44	88.59	50
				2006-07	III rd	548.14	281.68	13631	35.57	59.50	95.07	48
		548.14		2007-08	Iv th	548.14	327.04	18342	49.23	80.44	129.66	56
				2008-09	V th	288.39	72.44	7118	39.57	101.24	140.81	98
				2009-10	Current	507.90	302.87	22940	30.99	94.01	125.00	76

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
5	Wan (Buldhana)	81.96	15100	2004-05	Ist	30.76	11.29	3003	1.62	8.09	9.71	266
				2005-06	IInd	81.96	64.05	6963	7.77	6.00	13.77	109
				2006-07	IIIrd	81.96	67.87	7460	0.00	34.44	34.44	110
				2007-08	IVth	81.96	67.57	8230	2.62	24.07	26.69	122
				2008-09	Vth	72.30	58.57	4263	8.67	73.95	82.62	73
				2009-10	Current	28.32	12.28	1058	7.70	67.82	75.52	86
6	Arunavati	169.92	20515	2004-05	Ist	7.07	0.00	0	0.00	0.71	0.71	0
				2005-06	IInd	129.69	66.15	2689	0.00	1.00	1.00	41
				2006-07	IIIrd	168.10	70.91	6061	3.13	2.10	5.23	85
				2007-08	IVth	108.68	66.27	5570	1.48	0.00	1.48	84
				2008-09	Vth	23.87	2.72	279	0.00	0.00	0.00	103
				2009-10	Current	17.32	1.63	670	0.00	9.25	9.25	410
Nagpur Region												
7	Pench	1374	101200	2004-05	Ist	432.22	534.38	51243	108.74	2010.87	2119.61	96
				2005-06	IInd	1249.73	765.67	79049	139.52	2056.76	2196.28	103
				2006-07	IIIrd	1156.94	1028.00	80097	238.91	2113.05	2351.96	78
				2007-08	IVth	1069.31	1062.03	80344	225.94	2216.21	2442.15	76
				2008-09	Vth	658.17	544.78	52566	64.45	1491.29	1555.74	96
				2009-10	Current	836.00	960.45	75928	117.29	3951.93	4069.00	79
8	Bagh	268	23740	2004-05	Ist	113.85	107.75	21980	11.71	0.00	11.71	204
				2005-06	IInd	207.78	196.99	30691	12.55	0.14	12.69	156
				2006-07	IIIrd	186.74	186.00	25966	12.59	0.47	13.06	140
				2007-08	IVth	221.53	241.62	30037	18.77	12.21	30.98	124
				2008-09	Vth	76.06	151.18	23460	1.83	2.50	4.33	155
				2009-10	Current	96.76						

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
9	Itiahdoh	318.86	17500	2004-05	Ist	121.79	162.12	17823	16.56	0.00	16.56	110
				2005-06	Iind	287.80	294.75	28488	28.23	21.60	49.83	97
				2006-07	IIIrd	271.96	348.91	26325	38.03	1.63	39.66	75
				2007-08	Ivth	302.98	292.56	28249	45.30	2.43	47.73	97
				2008-09	Vth	51.75	178.73	17530	5.32	0.00	5.32	98
				2009-10	Current	116.70	126.20	17980	33.91	0.00	33.91	142
10	Asola Mendha	56.38	9919	2004-05	Ist	33.61	38.00	11745	4.60	2.10	6.70	309
				2005-06	Iind	42.63	63.70	11967	8.07	2.17	10.24	188
				2006-07	IIIrd	36.70	77.63	10702	5.59	2.61	8.20	138
				2007-08	Ivth	56.38	69.28	10684	3.05	3.10	6.15	154
				2008-09	Vth	12.66	65.96	9198	14.98	2.38	17.36	139
				2009-10	Current	8.08	24.77	8990	7.64	0.00	7.64	363
11	Dina	55.94	7826	2004-05	Ist	55.94	49.00	10736	15.62	0.00	15.62	219
				2005-06	Iind	34.32	54.15	11060	12.36	1.28	13.64	204
				2006-07	IIIrd	52.66	67.70	11392	24.08	0.00	24.08	168
		68.3		2007-08	Ivth	46.10	48.29	10794	5.82	1.63	7.45	224
				2008-09	Vth	3.04	58.06	10913	14.54	0.21	14.75	188
				2009-10	Current	30.36	54.20	10925	7.15	0.00	7.15	202
12	Bor	127.42	13360	2004-05	Ist	41.42	17.36	2339	7.22	0.00	7.22	135
				2005-06	Iind	98.90	72.58	4424	2.89	5.15	8.04	61
				2006-07	IIIrd	88.45	79.88	4331	6.66	2.91	9.57	54
				2007-08	Ivth	127.35	85.27	4716	10.29	0.29	10.58	55
				2008-09	Vth	57.44	40.21	2256	5.65	0.21	5.86	56
				2009-10	Current	102.64	64.79	3908	2.37	15.65	18.02	60

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
13	Lower Wunna	189.18	19500	2004-05	Ist	159.77	87.09	6934	10.81	166.85	177.66	80
				2005-06	Iind	187.87	70.43	7829	7.50	186.23	193.73	111
				2006-07	IIIrd	189.18	115.44	6855	10.37	222.08	232.45	59
				2007-08	Ivth	187.82	101.02	6000	3.58	120.25	123.83	59
				2008-09	Vth	126.84	69.42	7185	3.85	71.78	75.63	104
				2009-10	Current	168.74	68.66	5807	3.52	412.50	416.02	85
Nashik Region												
14	Girna	525.06	69350	2004-05	Ist	523.55	284.81	20016	34.93	169.22	204.15	70
				2005-06	Iind	523.55	285.17	19892	48.66	173.97	222.63	70
				2006-07	IIIrd	523.55	321.02	21766	38.55	213.48	252.03	68
				2007-08	Ivth	519.65	378.07	27306	53.83	255.68	309.51	72
				2008-09	Vth	484.58	335.64	23063	44.56	258.34	302.90	69
				2009-10	Current	127.18	75.70	8705	11.24	184.70	195.94	115
15	Hatnur	255	37838	2004-05	Ist	255.00	73.68	8861	12.49	1414.25	1426.74	120
				2005-06	Iind	255.00	71.15	6126	14.16	1875.83	1889.99	86
				2006-07	IIIrd	255.00	99.21	6874	7.29	1646.78	1654.07	69
				2007-08	Ivth	255.00	84.75	6950	9.11	1934.47	1943.58	82
				2008-09	Vth	255.00	56.67	6668	7.86	2270.47	2278.33	118
				2009-10	Current	255.00	72.99	7618	9.96	1936.00	1945.96	104
16	Chanakapur	76.85	14042	2004-05	Ist	76.85	11.29	2851	5.09	124.94	130.03	253
				2005-06	Iind	76.85	18.59	4285	5.98	171.68	177.66	231
				2006-07	IIIrd	76.85	18.36	3065	6.78	133.24	140.02	167
				2007-08	Ivth	76.85	17.06	2788	7.82	173.19	181.01	163
				2008-09	Vth	76.85	14.22	2452	3.81	189.68	193.49	172
				2009-10	Current	76.85	13.57	2277	3.62	117.21	120.83	168

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
17	Kadva	52.91	10117	2004-05	Ist	52.91	38.75	1630	4.26	29.10	33.36	42
				2005-06	IInd	52.91	49.51	2339	0.26	0.79	1.05	47
				2006-07	IIIrd	52.91	41.60	1391	0.60	0.08	0.68	33
				2007-08	Ivth	52.91	54.18	1965	0.80	0.62	1.42	36
				2008-09	Vth	52.91	43.48	2125	5.96	1.16	7.12	49
				2009-10	Current	52.91	52.19	2217	2.70	0.39	3.09	42
18	Bhandardara	304.10	23077	2004-05	Ist	304.10	339.92	32053	69.27	140.60	209.87	94
				2005-06	IInd	303.73	380.44	24428	24.27	31.59	55.86	64
				2006-07	IIIrd	304.10	276.50	26348	143.95	213.85	357.80	95
				2007-08	Ivth	304.09	344.02	28554	94.31	174.03	268.34	83
				2008-09	Vth	304.10	349.15	26744	57.06	131.72	188.78	77
					Current	332.18	343.08	29700	73.45	128.93	202.38	87
19	Mula	608.82	82920	2004-05	Ist	608.82	571.27	40276	26.29	97.14	123.43	71
				2005-06	IInd	608.82	556.71	48185	107.39	157.82	265.21	87
				2006-07	IIIrd	608.82	497.22	43001	170.96	173.10	344.06	86
				2007-08	Ivth	608.82	638.35	52735	112.13	155.95	268.08	83
				2008-09	Vth	608.82	549.79	40942	128.95	247.45	376.40	74
				2009-10	Current	338.10	445.47	49324	100.65	295.29	395.94	111
20	Gangapur	159.42	15960	2004-05	Ist	158.48	24.75	2110	12.93	2628.67	2641.60	85
				2005-06	IInd	158.48	56.18	11293	17.85	2320.67	2338.52	201
				2006-07	IIIrd	159.42	51.00	10553	25.18	3389.00	3414.18	207
				2007-08	Ivth	157.12	50.08	7196	43.65	3838.91	3882.56	144
				2008-09	Vth	158.54	50.20	7174	25.18	3389.00	3414.18	143
				2009-10	Current	125.61	27.21	26479	31.63	1783.35	1814.98	973

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
21	Ozerkhed	60.32	10400	2004-05	Ist	60.30	35.12	2292	16.16	5.91	22.07	65
				2005-06	IInd	60.31	39.95	3348	13.75	7.18	20.93	84
				2006-07	IIIrd	60.31	33.16	3064	16.78	7.77	24.55	92
				2007-08	Ivth	60.11	44.47	4264	15.24	25.14	40.38	96
				2008-09	Vth	60.32	41.50	4436	14.84	11.89	26.73	107
				2009-10	Current	25.17	19.88	5068	15.33	16.52	31.85	255
22	Palkhed	21.24	43154	2004-05	Ist	21.23	94.10	11521	41.91	293.94	335.85	122
				2005-06	IInd	6.05	112.76	16951	28.03	266.57	294.60	150
				2006-07	IIIrd	6.05	98.77	11043	34.11	249.60	283.71	112
				2007-08	Ivth	21.24	167.69	13468	32.26	353.70	385.96	80
				2008-09	Vth	21.23	179.95	11046	41.47	530.88	572.35	61
				2009-10	Current	5.52	76.04	11213	28.36	452.88	481.24	147
23	Waghad	72.2	6750	2004-05	Ist	72.20	30.98	3206	6.66	7.40	14.06	103
				2005-06	IInd	70.84	43.54	4079	9.80	0.53	10.33	94
				2006-07	IIIrd	70.84	42.30	4100	12.18	2.66	14.84	97
				2007-08	Ivth	70.86	39.88	4504	20.86	9.10	29.96	113
				2008-09	Vth	70.86	45.46	4444	25.77	7.15	32.92	98
				2009-10	Current	54.92	33.63	5260	22.82	5.45	28.27	156
Pune Region												
24	Bhima	1517.2	205277	2004-05	Ist	1642.98	1287.52	134516	455.44	657.18	1112.62	104
		1688.41		2005-06	IInd	1688.11	1216.50	171475	260.24	540.91	801.15	141
				2006-07	IIIrd	1688.10	1960.54	201402	414.34	672.79	1087.13	103
				2007-08	Ivth	1675.14	1956.68	206523	802.19	816.06	1618.25	106
				2008-09	Vth	1688.41	1650.33	208735	453.52	984.61	1438.13	126
				2009-10	Current	1519.00	1609.48	200828	45.32	819.37	864.69	125

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
25	Kukadi	864.39	119166	2004-05	Ist	729.97	537.08	104790	180.83	20.47	201.30	195
				2005-06	IInd	850.56	404.30	50622	15.50	8.90	24.40	125
				2006-07	IIIrd	863.20	382.41	47444	66.11	17.49	83.60	124
				2007-08	Ivth	702.50	735.05	69938	150.63	43.20	193.83	95
				2008-09	Vth	759.11	602.74	50866	142.04	83.42	225.46	84
				2009-10	Current	535.16	426.06	41146	184.83	112.52	297.35	97
26	Ghod	154.8	20500	2004-05	Ist	154.80	121.19	22821	43.98	76.93	120.91	188
				2005-06	IInd	154.80	141.64	17335	69.56	106.28	175.84	122
				2006-07	IIIrd	154.80	144.42	18932	40.39	147.34	187.73	131
				2007-08	Ivth	154.80	141.34	16645	71.15	224.98	296.13	118
				2008-09	Vth	154.80	169.02	17769	46.15	225.32	271.47	105
				2009-10	Current	80.19	124.69	14635	46.73	209.68	256.41	117
27	Krishna	602.73	69269	2004-05	Ist	601.18	313.88	50996	25.41	152.18	177.59	162
				2005-06	IInd	602.73	357.36	30136	35.44	174.83	210.27	84
				2006-07	IIIrd	602.11	411.72	26048	113.02	151.01	264.03	63
				2007-08	Ivth	598.41	449.79	38826	102.12	270.57	372.69	86
				2008-09	Vth	602.73	569.89	33954	76.96	158.54	235.50	60
				2009-10	Current	528.05	491.76	33523	114.54	425.10	539.64	68
28	Radhanagari	219.97	26560	2004-05	Ist	219.97	280.11	27352	267.13	503.60	770.73	98
				2005-06	IInd	219.97	311.50	30327	202.91	496.02	698.93	97
				2006-07	IIIrd	219.97	452.16	42495	120.43	359.21	479.64	94
				2007-08	Ivth	218.30	307.73	42245	121.23	501.45	622.68	137
				2008-09	Vth	214.67	340.54	42245	128.40	720.00	848.40	124
				2009-10	Current	217.64	311.67	40079	151.31	700.79	700.79	129

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1	2	3	4	5	6	7	8	9	10	11	12	13*
29	Tulashi	91.92	4720	2004-05	Ist	91.92	34.98	2620	23.02	0.00	23.02	75
				2005-06	IInd	91.92	35.37	4032	14.15	7.48	21.63	114
				2006-07	IIIrd	91.92	43.04	5028	12.30	2.54	14.84	117
				2007-08	IVth	91.92	60.89	3395	9.12	5.75	14.87	56
				2008-09	Vth	91.92	37.79	2563	16.45	5.70	22.15	68
				2009-10	Current	96.33	41.99	4445	21.01	6.00	27.01	106
30	Warna	779.35	137254	2004-05	Ist	779.35	256.10	25498	157.45	130.93	288.38	100
				2005-06	IInd	773.40	260.92	40433	195.48	78.93	274.41	155
				2006-07	IIIrd	778.03	351.10	32971	94.21	80.70	174.91	94
				2007-08	IVth	746.52	273.55	40529	98.34	170.02	268.36	148
				2008-09	Vth	779.35	296.15	38840	166.03	192.80	358.83	131
				2009-10	Current	0.00	355.78	39536	190.39	229.72	420.11	111
31	Dudhganga	679.11	73340	2004-05	Ist	675.03	134.07	14217	90.50	228.15	318.65	106
				2005-06	IInd	672.67	211.57	28199	123.91	336.40	460.31	133
				2006-07	IIIrd	674.49	264.97	26698	41.29	322.00	363.29	101
				2007-08	IVth	678.09	233.70	26293	50.87	534.00	584.87	113
				2008-09	Vth	679.11	328.97	25748	25.08	619.76	644.84	78
				2009-10	Current	663.51	305.15	26220	158.56	718.17	876.73	86
32	Neera (Complex)	932.01	102576	2004-05	Ist	931.93	1220.76	135616	242.73	187.50	430.23	111
&				2005-06	IInd	918.43	1184.00	127815	162.13	311.04	473.17	108
33				2006-07	IIIrd	931.94	1235.17	137872	165.90	363.55	529.45	112
				2007-08	IVth	931.93	1235.27	122016	328.62	437.00	765.62	99
				2008-09	Vth	932.01	1331.25	145858	365.95	351.95	717.90	110
				2009-10	Current	924.86	1177.22	145883	1026.52	952.32	1978.84	124

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1	2	3	4	5	6	7	8	9	10	11	12	13*
34	Khadakwasla	793.47	62146	2004-05	Ist	717.49	317.33	48832	114.92	1401.39	1516.31	154
				2005-06	Iind	778.48	591.62	27405	187.39	2376.24	2563.63	46
				2006-07	IIIrd	781.73	347.06	30477	217.08	2116.68	2333.76	88
				2007-08	Ivth	775.62	362.62	38773	206.47	3013.00	3219.47	107
				2008-09	Vth	793.47	361.47	45245	218.64	3009.00	3227.64	125
				2009-10	Current	677.08	242.23	32980	195.32	4124.97	4320.29	136
35	Pawana	241.11	5304	2004-05	Ist	230.57	27.02	4441	7.34	2045.80	2053.14	164
				2005-06	Iind	235.68	21.99	4410	8.14	2294.61	2302.75	201
				2006-07	IIIrd	241.11	10.78	1562	10.99	3022.17	3033.16	145
				2007-08	Ivth	230.11	10.89	1812	10.41	4479.76	4490.17	166
				2008-09	Vth	241.11	36.96	1982	12.14	4460.33	4472.47	54
				2009-10	Current	240.97	18.36	2818	10.21	4043.19	4053.40	153
36	Chaskaman	214.5	44170	2004-05	Ist	212.39	70.59	4547	12.41	13.47	25.88	64
				2005-06	Iind	205.15	183.89	5360	12.19	12.06	24.25	29
				2006-07	IIIrd	209.15	33.32	4678	11.61	10.69	22.30	140
				2007-08	Ivth	214.50	49.52	5599	17.88	13.93	31.81	113
				2008-09	Vth	214.50	83.45	12454	17.24	7.82	25.06	149
				2009-10	Current	209.72	95.44	12447	21.81	11.52	33.33	130
Konkan Region												
37	Kal	528.19	12731	2004-05	Ist	443.67	128.73	4170	14.20	2594.00	2608.20	32
				2005-06	Iind	322.07	116.10	4212	13.15	0.94	14.09	36
				2006-07	IIIrd	398.50	110.02	4585	12.00	12.00	24.00	42
				2007-08	Ivth	405.21	105.84	4100	15.30	2.00	17.30	39
				2008-09	Vth	423.19	103.51	3400	12.70	3263.41	3276.11	33
				2009-10	Current	402.96	66.81	2120	21.17	3656.15	3677.32	32

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1	2	3	4	5	6	7	8	9	10	11	12	13*
38	Bhatsa	942.1	47860	2004-05	Ist	711.86	26.38	1191	9.25	2319.97	2329.22	45
				2005-06	Iind	838.63	33.14	1537	4.34	1270.07	1274.41	46
				2006-07	IIIrd	810.83	50.40	2839	7.59	1968.55	1976.14	56
				2007-08	Ivth	787.26	67.98	2566	6.07	2405.65	2411.72	38
				2008-09	Vth	782.34	62.84	2667	5.52	8214.07	8219.59	42
				2009-10	Current	624.85	45.28	2279	8.55	16222.43	16230.98	50
39	Surya	286.31	8988	2004-05	Ist	176.48	59.82	2478	5.23	873.00	878.23	41
				2005-06	Iind	158.69	86.66	2000	2.00	1000.00	1002.00	23
				2006-07	IIIrd	216.31	85.00	4300	4.00	1141.00	1145.00	51
				2007-08	Ivth	175.43	62.85	3580	3.27	1658.96	1662.23	57
				2008-09	Vth	172.12	93.57	3683	5.98	1748.55	1754.53	39
				2009-10	Current	216.41	79.42	2608	9.22	1975.00	1984.22	33
Aurangabad Region												
40	Jayakwadi	2171	183322	2004-05	Ist	2129.14	923.52	55604	79.07	1995.98	2075.05	60
				2005-06	Iind	1927.72	1115.79	100826	197.59	1421.44	1619.03	90
				2006-07	IIIrd	2170.94	1210.14	113086	220.64	2915.73	3136.37	93
				2007-08	Ivth	2170.94	1183.10	126048	199.06	3515.20	3714.26	107
				2008-09	Vth	2170.94	1548.90	104339	331.79	4892.11	5223.90	67
				2009-10	Current	528.60	321.93	30285	88.46	6692.12	6780.58	94
41	Majalgaon	312	54737	2004-05	Ist	0.00	25.13	4089	4.85	73.58	78.43	163
				2005-06	Iind	312.00	195.71	10828	36.98	208.64	245.62	55
				2006-07	IIIrd	312.00	216.48	13349	108.23	284.52	392.75	62
				2007-08	Ivth	260.40	192.10	14979	49.21	86.08	135.29	78
				2008-09	Vth	312.00	235.49	15465	86.35	25.39	111.74	66
				2009-10	Current	112.00	52.85	4719	14.53	57.71	72.24	89

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
42	Manjra	173.32	18223	2004-05	Ist	0.00	0.00	0	0.00	102.89	102.89	0
				2005-06	Iind	173.32	97.41	9252	93.99	95.36	189.35	95
				2006-07	IIIrd	173.32	129.99	13008	81.28	51.29	132.57	100
				2007-08	Ivth	173.32	104.55	12738	52.47	86.39	138.86	122
				2008-09	Vth	173.32	119.90	12553	23.21	96.00	119.21	105
				2009-10	Current	106.15	66.08	7170	27.70	21.84	49.54	109
43	Lower Terna	113.95	11610	2004-05	Ist	0.00	0.00	0	0.00	0.00	0.00	0
				2005-06	Iind	37.52	12.59	2023	6.89	3.41	10.30	161
				2006-07	IIIrd	91.22	28.11	3926	6.50	0.65	7.15	140
				2007-08	Ivth	76.15	30.53	4616	2.03	1.15	3.18	151
				2008-09	Vth	91.22	37.04	5154	17.25	0.96	18.21	139
				2009-10	Current	27.61	13.81	3436	27.70	21.80	49.50	249
44	Vishnupuri	80.79	28340	2004-05	Ist	80.79	59.09	11638	24.72	91.54	116.26	197
				2005-06	Iind	80.79	65.78	10435	25.57	109.44	135.01	159
				2006-07	IIIrd	39.49	96.20	12031	16.37	159.51	175.88	125
				2007-08	Ivth	28.67	87.96	11025	21.16	196.63	217.79	125
				2008-09	Vth	80.02	94.00	12046	11.11	0.00	11.11	128
				2009-10	Current	80.79	32.15	4108	0.00	1.08	1.08	128
45	Manar	138.21	23310	2004-05	Ist	95.15	67.14	10950	20.23	2.32	22.55	163
				2005-06	Iind	138.21	116.87	9045	21.00	2.48	23.48	77
				2006-07	IIIrd	137.08	124.56	15304	28.17	1.90	30.07	123
				2007-08	Ivth	134.29	107.84	12495	15.58	8.63	24.21	116
				2008-09	Vth	39.22	8.42	918	2.61	0.00	2.61	109
				2009-10	Current	7.63	0.00	0	0.00	2.58	2.58	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lac	Recovery Non Irrigation Rs. In lac	Total recovery Irrigation + Non Irrigation in lac	Irrigation system performance ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13*
46	Purna	890.22	57988	2004-05	Ist	51.51	31.10	4033	21.81	73.11	94.92	130
				2005-06	IInd	499.31	419.50	36975	78.67	3.90	82.57	88
				2006-07	IIIrd	890.22	670.33	36451	60.93	2.00	62.93	54
				2007-08	IVth	437.70	373.42	23777	31.44	0.97	32.41	64
				2008-09	Vth	265.32	219.68	20276	21.20	61.45	82.65	92
				2009-10	Current	57.85	71.14	11834	4.94	23.50	28.44	166
47	Upper Penganga	964.09	125495	2004-05	Ist	137.10	42.93	10932	31.00	61.06	92.06	255
				2005-06	IInd	964.09	267.29	22052	8.19	22.17	30.36	83
				2006-07	IIIrd	963.14	369.05	22843	1.07	1.07	2.14	62
				2007-08	IVth	871.48	419.20	21188	1.28	2.34	3.62	51
				2008-09	Vth	411.27	302.17	23131	42.65	3.45	46.10	77
				2009-10	Current	53.98	1.36	256	42.65	16.59	59.24	188
48	NMC Express Canal	0	34203	2004-05	Ist	0.00	14.76	2408	0.00	0.00	0.00	163
				2005-06	IInd	0.00	10.40	2026	0.75	5.24	5.99	195
				2006-07	IIIrd	0.00	18.28	1230	2.30	0.20	2.50	67
				2007-08	IVth	0.00	17.10	852	1.72	1.35	3.07	50
				2008-09	Vth	0.00	15.28	1441	2.11	1.98	4.09	94
				2009-10	Current	0.00	13.93	807	3.30	5.35	8.65	58

NOTES :

1 NA : Not available

2 Change in col.No.3 of designed live storage in respective years if any is due to revision in designed live storage capacity

3 Water use for irrigation (Col.No.8) is more than available live storage (Col.No.7) in some projects due to irrigation in kharif season.

Analysis of Medium projects in Maharashtra State (2004-05 to 2009-10)												
Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
Amrawati Region												
1	Morna	41.46	4633	2004-05	Ist	2.61	0.00	0	0.08	10.98	11.06	0
				2005-06	IInd	15.49	8.35	733	0.00	2.07	2.07	88
				2006-07	IIIrd	41.46	19.68	3150	1.19	2.84	4.03	160
				2007-08	IVth	41.46	33.29	3606	4.07	5.19	9.26	108
				2008-09	Vth	8.65	3.82	840	1.21	3.74	4.95	220
				2009-10	Current	9.84	0.70	81	0.00	3.71	3.71	116
2	Nirguna	28.85	5836	2004-05	Ist	3.37	0.00	0	0.00	3.12	3.12	0
				2005-06	IInd	21.33	16.87	1279	0.00	5.50	5.50	76
				2006-07	IIIrd	28.85	23.84	3293	4.27	1.17	5.44	138
				2007-08	IVth	20.03	14.85	2818	4.11	1.87	5.98	190
				2008-09	Vth	14.48	9.69	1401	1.73	1.09	2.82	145
				2009-10	Current	9.89	4.13	365	0.42	1.18	1.60	88
3	Uma	11.68	2241	2004-05	Ist	0.10	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	11.68	7.02	791	0.00	0.54	0.54	113
				2006-07	IIIrd	11.68	9.16	1533	2.12	2.44	4.56	167
				2007-08	IVth	11.68	10.32	2066	4.46	2.81	7.27	200
				2008-09	Vth	0.24	0.00	0	0.26	1.05	1.31	0
				2009-10	Current	0.00	0.00	0	0.00	0.13	0.13	0
4	Gyanganga	33.93	4249	2004-05	Ist	6.48	0.00	0	0.09	45.07	45.16	0
				2005-06	IInd	4.69	0.00	0	0.00	5.98	5.98	0
				2006-07	IIIrd	33.93	9.91	1795	0.00	5.04	5.04	181
				2007-08	IVth	22.36	6.35	1428	0.00	53.00	53.00	225
				2008-09	Vth	20.10	7.47	1188	0.00	72.69	72.69	159
				2009-10	Current	9.34	0.00	0	0.00	57.62	57.62	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
5	Paldhag	7.51	1932	2004-05	Ist	2.14	0.00	0	0.03	0.26	0.29	0
				2005-06	IInd	0.70	0.00	0	0.01	0.50	0.51	0
				2006-07	IIIrd	7.51	5.39	922	0.00	0.00	0.00	171
				2007-08	IVth	7.23	4.87	809	0.00	2.62	2.62	166
				2008-09	Vth	7.51	4.09	521	0.00	3.81	3.81	127
				2009-10	Current	4.83	1.02	186	0.00	0.38	0.38	182
6	Mas	22.04	4415	2004-05	Ist	4.50	0.00	0	0.22	3.65	3.87	0
				2005-06	IInd	0.70	0.00	0	0.02	0.81	0.83	0
				2006-07	IIIrd	15.04	11.55	1673	0.00	0.92	0.92	145
				2007-08	IVth	12.96	8.23	1382	0.00	1.02	1.02	168
				2008-09	Vth	7.85	2.64	564	0.00	5.40	5.40	214
				2009-10	Current	6.03	0.56	223	0.00	0.30	0.30	398
7	Koradi	20.7	4061	2004-05	Ist	3.19	1.42	384	0.00	3.79	3.79	270
				2005-06	IInd	15.89	12.09	2700	4.00	3.91	7.91	223
				2006-07	IIIrd	20.70	16.95	4224	6.29	0.00	6.29	249
				2007-08	IVth	18.47	13.75	3051	0.00	0.54	0.54	222
				2008-09	Vth	1.90	0.43	98	0.02	4.95	4.97	228
				2009-10	Current	0.35	0.01	11	0.00	5.12	5.12	1000
8	Shahanoor	46.04	7466	2004-05	Ist	17.90	5.51	463	2.07	23.82	25.89	84
				2005-06	IInd	46.04	12.53	962	6.98	18.92	25.90	77
				2006-07	IIIrd	46.04	15.49	2796	7.02	38.32	45.34	181
				2007-08	IVth	43.88	17.59	2847	6.82	52.61	59.43	162
				2008-09	Vth	32.93	14.99	2495	7.01	13.44	20.45	166
				2009-10	Current	36.25	21.87	563	4.93	14.11	19.04	26

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
9	Saikheda	27.18	3116	2004-05	Ist	12.89	0.00	0	0.70	1.38	2.08	0
				2005-06	IInd	27.18	11.86	831	0.02	0.00	0.02	70
				2006-07	IIIrd	27.18	13.87	1482	0.04	1.68	1.72	107
				2007-08	Ivth	27.18	13.37	1726	0.13	3.18	3.31	129
				2008-09	Vth	27.18	15.50	1450	1.06	6.92	7.98	94
				2009-10	Current	7.37	0.00	0	0.00	5.56	5.56	0
10	Borgaon	6.61	2271	2004-05	Ist	2.11	0.00	0	0.00	0.09	0.09	0
				2005-06	IInd	6.53	5.28	902	0.12	0.09	0.21	171
				2006-07	IIIrd	6.61	5.49	130	1.13	0.09	1.22	24
				2007-08	Ivth	6.61	5.71	987	0.10	0.09	0.19	173
				2008-09	Vth	1.69	0.41	182	0.10	0.09	0.19	444
				2009-10	Current	1.39	0.12	77	0.00	0.09	0.09	642
11	Sonal	16.92	2447	2004-05	Ist	0.20	0.20	41	0.00	0.00	0.00	205
				2005-06	IInd	16.92	10.46	1798	6.10	0.00	6.10	172
				2006-07	IIIrd	16.92	13.81	2507	7.19	0.00	7.19	182
				2007-08	Ivth	16.92	13.05	2813	8.81	0.87	9.68	216
				2008-09	Vth	0.00	0.00	0	0.00	1.02	1.02	0
				2009-10	Current	1.11	0.07	10	0.21	0.02	0.23	146
12	Ekburji	11.97	2271	2004-05	Ist	3.13	0.00	0	0.00	2.76	2.76	0
				2005-06	IInd	11.97	0.00	0	0.01	5.98	5.99	0
				2006-07	IIIrd	11.97	8.79	1338	2.41	4.69	7.10	152
				2007-08	Ivth	11.97	7.92	1249	2.43	8.25	10.68	158
				2008-09	Vth	9.29	2.82	753	1.02	11.09	12.11	267
				2009-10	Current	5.24	1.41	385	0.80	15.00	15.80	272

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
13	Lowerpus	59.63	6600	2004-05	Ist	0.00	0.00	0	0.00	2.87	2.87	0
				2005-06	IInd	59.63	40.98	7829	7.50	7.62	15.12	191
				2006-07	IIIrd	59.63	47.49	4098	0.76	3.50	4.26	86
				2007-08	IVth	59.50	40.55	4568	0.92	5.59	6.51	113
				2008-09	Vth	54.30	34.72	4627	3.03	13.02	16.05	133
				2009-10	Current	8.11	1.30	195	0.37	18.07	18.44	150
14	Mun	36.83	7804	2004-05	Ist	7.79	4.79	757	4.50	3.04	7.54	158
				2005-06	IInd	3.85	0.02	31	0.55	4.68	5.23	1550
				2006-07	IIIrd	36.83	28.79	2618	0.12	0.00	0.12	91
				2007-08	IVth	13.31	11.14	1056	9.87	0.71	10.58	95
				2008-09	Vth	17.50	16.28	1903	6.02	1.16	7.18	117
				2009-10	Current	15.55	6.47	1058	5.32	5.20	10.52	164
15	Torna	7.9	1465	2004-05	Ist	2.04	1.21	43	0.86	0.00	0.86	36
				2005-06	IInd	0.50	0.04	5	0.20	0.00	0.20	125
				2006-07	IIIrd	7.90	5.65	462	0.35	0.00	0.35	82
				2007-08	IVth	1.26	0.04	27	0.00	0.00	0.00	675
				2008-09	Vth	6.91	5.23	576	0.00	0.00	0.00	110
				2009-10	Current	6.28	10.67	1202	0.65	0.07	0.72	113
16	Adan	67.25	7804	2004-05	Ist	1.25	0.00	0	0.00	4.63	4.63	0
				2005-06	IInd	67.25	39.35	1695	0.00	0.00	0.00	43
				2006-07	IIIrd	67.25	56.26	4862	0.43	7.38	7.81	86
				2007-08	IVth	67.25	41.18	4281	0.48	12.14	12.62	104
				2008-09	Vth	3.81	3.07	745	0.00	0.00	0.00	243
				2009-10	Current	2.52	0.00	0	0.00	3.67	3.67	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
17	Navargaon	12.47	2056	2004-05	Ist	2.97	0.00	0	0.00	0.30	0.30	0
				2005-06	IInd	12.47	3.91	577	0.00	0.67	0.67	148
				2006-07	IIIrd	12.47	3.15	436	0.00	0.00	0.00	138
				2007-08	IVth	12.17	4.30	479	0.00	1.00	1.00	111
				2008-09	Vth	12.34	4.22	526	0.00	4.66	4.66	125
				2009-10	Current	2.07	0.00	0	0.00	4.75	4.75	0
Nagpur Region												
18	Bodalkasa	16.45	4047	2004-05	Ist	10.74	10.69	2879	0.56	0.00	0.56	269
				2005-06	IInd	8.73	13.17	4295	7.55	0.00	7.55	326
				2006-07	IIIrd	5.93	15.57	4303	4.45	0.81	5.26	276
				2007-08	IVth	4.04	12.07	4345	14.81	0.07	14.88	360
				2008-09	Vth	1.75	10.05	4023	0.30	0.04	0.34	400
				2009-10	Current	1.19	9.03	3119	0.41	0.04	0.45	346
19	Chorakhmara	20.8	4047	2004-05	Ist	4.44	4.44	1333	0.22	0.00	0.22	300
				2005-06	IInd	13.11	13.24	5409	7.87	0.00	7.87	409
				2006-07	IIIrd	9.72	16.65	5064	3.55	0.01	3.56	304
				2007-08	IVth	2.24	11.74	5064	12.80	0.00	12.80	431
				2008-09	Vth	0.98	9.73	3749	0.03	0.00	0.03	385
				2009-10	Current	1.11	5.36	2423	0.17	0.00	0.17	452
20	Chulband	21.46	3167	2004-05	Ist	7.22	6.76	2433	1.10	0.00	1.10	360
				2005-06	IInd	14.27	16.60	3552	5.60	0.00	5.60	214
				2006-07	IIIrd	11.39	16.66	3196	3.37	0.00	3.37	192
				2007-08	IVth	18.38	17.72	3533	12.34	0.00	12.34	199
				2008-09	Vth	2.63	13.03	3009	1.40	0.00	1.40	231
				2009-10	Current	3.57	12.20	3006	2.19	0.00	2.19	246

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
21	Khairbanda	15.95	6109	2004-05	Ist	4.48	3.59	1338	0.00	0.00	0.00	373
				2005-06	IInd	11.91	10.48	5647	11.23	0.00	11.23	539
				2006-07	IIIrd	15.95	12.76	5239	5.73	0.00	5.73	410
				2007-08	Ivth	6.93	9.09	5285	15.52	0.00	15.52	582
				2008-09	Vth	1.23	8.44	5045	1.25	0.00	1.25	598
				2009-10	Current	1.95	7.82	5110	2.31	0.00	2.31	653
22	Sangrampur	3.87	1094	2004-05	Ist	1.38	0.88	234	0.12	0.00	0.12	266
				2005-06	IInd	2.15	3.35	1161	2.48	0.00	2.48	347
				2006-07	IIIrd	0.64	3.59	1099	1.29	0.00	1.29	306
				2007-08	Ivth	1.17	2.58	1004	3.60	0.00	3.60	389
				2008-09	Vth	0.16	1.96	792	0.01	0.00	0.01	404
				2009-10	Current	0.27	2.60	925	0.09	0.00	0.09	356
23	Managadh	7.05	1700	2004-05	Ist	3.36	3.15	800	0.12	0.00	0.12	254
				2005-06	IInd	4.90	5.82	1029	0.78	0.00	0.78	177
				2006-07	IIIrd	4.30	4.85	1008	1.20	0.00	1.20	208
				2007-08	Ivth	6.89	3.77	1251	2.31	0.00	2.31	332
				2008-09	Vth	4.04	6.78	1045	0.15	0.00	0.15	154
				2009-10	Current	0.35	3.49	929	0.81	0.00	0.81	266
24	Rengepar	3.57	870	2004-05	Ist	3.57	3.38	959	2.40	0.00	2.40	284
				2005-06	IInd	1.96	2.71	985	2.67	0.00	2.67	363
				2006-07	IIIrd	1.42	3.44	943	1.84	0.00	1.84	274
				2007-08	Ivth	2.78	2.92	980	2.57	0.00	2.57	336
				2008-09	Vth	0.65	3.62	945	0.79	0.00	0.79	261
				2009-10	Current	1.38	3.41	948	1.17	0.00	1.17	278

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
25	Chandpur	28.87	6271	2004-05	Ist	8.14	8.04	2727	0.12	0.00	0.12	339
				2005-06	IInd	13.93	8.43	5998	6.96	0.00	6.96	711
				2006-07	IIIrd	11.71	1.00	130	41.00	41.00	82.00	130
				2007-08	IVth	6.86	14.28	6390	9.23	0.00	9.23	448
				2008-09	Vth	0.09	12.23	6448	2.91	0.00	2.91	527
				2009-10	Current	0.68	11.25	6528	3.48	0.00	3.48	580
26	Bagheda	4.53	1798	2004-05	Ist	2.57	2.43	662	0.00	0.00	0.00	272
				2005-06	IInd	2.62	1.83	1284	0.58	0.00	0.58	704
				2006-07	IIIrd	1.62	3.62	1192	0.83	0.05	0.88	329
				2007-08	IVth	1.22	3.12	1185	0.95	0.00	0.95	380
				2008-09	Vth	0.13	1.68	1149	0.20	0.00	0.20	684
				2009-10	Current	0.43	1.49	962	0.10	0.00	0.10	647
27	Betekar Bothali	3.66	1315	2004-05	Ist	3.49	3.49	750	0.01	0.00	0.01	215
				2005-06	IInd	1.79	3.36	769	1.18	0.00	1.18	229
				2006-07	IIIrd	1.00	3.43	768	1.11	0.00	1.11	224
				2007-08	IVth	1.78	3.30	809	1.28	0.00	1.28	245
				2008-09	Vth	0.00	1.54	767	0.35	0.00	0.35	498
				2009-10	Current	-0.49	2.36	765	0.52	0.00	0.52	325
28	Sorna	5.73	933	2004-05	Ist	3.57	3.57	662	0.01	0.00	0.01	186
				2005-06	IInd	3.70	3.19	966	2.16	0.00	2.16	303
				2006-07	IIIrd	3.04	3.67	994	2.72	0.00	2.72	271
				2007-08	IVth	2.58	4.12	1042	1.89	0.00	1.89	253
				2008-09	Vth	0.00	3.22	875	0.89	0.00	0.89	272
				2009-10	Current	-0.44	1.94	807	0.64	0.00	0.64	417

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
29	Chandrabhaga	8.26	3181	2004-05	Ist	3.87	1.71	524	0.66	0.02	0.68	306
				2005-06	IInd	8.26	4.98	571	0.29	0.03	0.32	115
				2006-07	IIIrd	8.26	6.12	547	1.57	0.33	1.90	89
				2007-08	IVth	7.64	6.23	574	2.65	0.33	2.98	92
				2008-09	Vth	0.73	0.79	70	0.02	0.21	0.23	89
				2009-10	Current	6.42	3.62	344	0.07	0.22	0.29	95
30	Mordham	4.95	1315	2004-05	Ist	1.94	1.21	361	0.76	0.07	0.83	300
				2005-06	IInd	4.95	2.92	274	0.47	0.08	0.55	94
				2006-07	IIIrd	4.95	3.62	349	0.96	0.10	1.06	96
				2007-08	IVth	4.46	3.37	325	1.75	0.10	1.85	97
				2008-09	Vth	0.93	0.68	101	0.02	0.05	0.07	148
				2009-10	Current	3.50	2.29	340	0.14	0.00	0.14	148
31	Kesarnala	3.93	780	2004-05	Ist	0.98	0.28	136	0.04	0.34	0.38	486
				2005-06	IInd	3.93	2.09	214	0.02	0.36	0.38	102
				2006-07	IIIrd	2.45	1.99	235	0.60	0.47	1.07	118
				2007-08	IVth	3.52	3.40	324	0.99	0.00	0.99	95
				2008-09	Vth	0.63	6.57	522	0.05	0.00	0.05	79
				2009-10	Current	3.16	2.29	69	0.45	0.52	0.97	30
32	Umri	5.14	12	2004-05	Ist	2.85	1.85	505	0.03	0.00	0.03	273
				2005-06	IInd	5.14	2.26	368	0.43	0.00	0.43	163
				2006-07	IIIrd	3.50	3.07	395	1.14	0.00	1.14	129
				2007-08	IVth	4.51	4.89	393	0.58	0.00	0.58	80
				2008-09	Vth	4.76	3.56	450	0.19	0.00	0.19	126
				2009-10	Current	3.25	2.59	400	0.65	0.00	0.65	155

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
33	Kolar	31.32	5940	2004-05	Ist	9.16	2.77	1418	1.16	46.52	47.68	513
				2005-06	IInd	31.32	13.31	1232	0.63	9.98	10.61	93
				2006-07	IIIrd	27.74	20.75	2814	2.83	9.81	12.64	136
				2007-08	IVth	27.26	21.90	2587	0.62	15.77	16.39	118
				2008-09	Vth	17.65	13.96	2148	0.70	4.92	5.62	154
				2009-10	Current	31.32	20.23	1261	0.15	13.36	13.51	62
34	Khekranala	23.81	2610	2004-05	Ist	13.15	3.52	866	0.05	51.00	51.05	246
				2005-06	IInd	22.14	13.76	325	0.27	0.00	0.27	24
				2006-07	IIIrd	21.72	16.99	522	0.58	0.00	0.58	31
				2007-08	IVth	20.86	14.42	517	1.18	0.00	1.18	36
				2008-09	Vth	8.68	6.57	522	0.05	0.00	0.05	79
				2009-10	Current	23.19	11.74	418	0.06	0.75	0.81	36
35	Wunna	21.64	1214	2004-05	Ist	10.41	0.15	61	0.04	228.56	228.60	407
				2005-06	IInd	11.06	0.13	22	0.02	211.26	211.28	169
				2006-07	IIIrd	6.17	0.36	72	0.05	228.28	228.33	202
				2007-08	IVth	21.30	3.53	240	0.70	250.11	250.81	68
				2008-09	Vth	12.39	0.18	44	0.07	259.35	259.42	244
				2009-10	Current	15.09	0.23	67	0.63	255.90	256.53	291
36	Kanholibara	20.49	3371	2004-05	Ist	14.27	7.22	1030	1.95	0.00	1.95	143
				2005-06	IInd	19.71	14.72	1436	1.73	0.00	1.73	98
				2006-07	IIIrd	20.48	15.42	1683	3.11	0.00	3.11	109
				2007-08	IVth	20.49	13.05	1675	2.60	0.00	2.60	128
				2008-09	Vth	18.00	13.86	1781	0.02	0.00	0.02	128
				2009-10	Current	20.33	13.09	2149	0.20	0.00	0.20	164

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
37	Pandhrabodi	13.14	862	2004-05	Ist	13.14	5.86	1690	2.60	2.32	4.92	288
				2005-06	IInd	12.01	8.03	1437	3.64	2.71	6.35	179
				2006-07	IIIrd	11.16	7.42	1422	2.11	3.50	5.61	192
				2007-08	IVth	11.66	7.60	1427	2.00	4.49	6.49	188
				2008-09	Vth	3.33	0.00	0	0.00	0.00	0.00	0
				2009-10	Current	3.57	2.77	418	0.15	3.91	4.06	151
38	Makardhokda	25.9	5477	2004-05	Ist	14.38	15.08	2691	4.17	3.01	7.18	178
				2005-06	IInd	15.38	21.92	2490	3.09	2.11	5.20	114
				2006-07	IIIrd	25.90	21.11	2890	7.34	2.41	9.75	137
				2007-08	IVth	25.90	25.02	2760	6.00	5.89	11.89	110
				2008-09	Vth	4.08	1.86	311	0.04	10.74	10.78	167
				2009-10	Current	3.57	2.77	418	0.15	3.91	4.06	151
39	Ghorazari	43.16	3846	2004-05	Ist	23.22	19.36	5729	9.33	0.69	10.02	296
				2005-06	IInd	28.92	6.29	762	1.53	2.12	3.65	121
				2006-07	IIIrd	19.26	29.60	5912	9.92	1.75	11.67	200
				2007-08	IVth	26.54	34.48	5868	3.38	1.81	5.19	170
				2008-09	Vth	2.77	20.49	5844	0.63	0.18	0.81	285
				2009-10	Current	3.50	23.24	5603	8.54	0.00	8.54	241
40	Naleshwar	10.23	1888	2004-05	Ist	8.18	14.20	2843	4.35	0.39	4.74	200
				2005-06	IInd	5.79	14.35	2840	3.83	0.55	4.38	198
				2006-07	IIIrd	8.48	19.95	2850	3.89	0.48	4.37	143
				2007-08	IVth	9.36	13.83	2795	1.63	0.18	1.81	202
				2008-09	Vth	0.97	11.88	2876	1.93	0.02	1.95	242
				2009-10	Current	1.08	5.51	2778	0.98	0.00	0.98	504

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
41	Chandai	10.69	2056	2004-05	Ist	10.69	7.57	1102	1.03	0.35	1.38	146
				2005-06	IInd	8.95	10.57	1369	1.53	0.53	2.06	129
				2006-07	IIIrd	9.52	5.93	1340	1.80	0.27	2.07	226
				2007-08	IVth	9.52	7.32	1336	0.79	0.42	1.21	183
				2008-09	Vth	1.12	4.89	1178	0.29	0.13	0.42	241
				2009-10	Current	5.33	3.91	1238	0.99	0.00	0.99	317
42	Chargaon	19.87	1500	2004-05	Ist	18.43	13.23	1724	2.49	0.48	2.97	130
				2005-06	IInd	17.73	17.22	1924	1.62	1.41	3.03	112
				2006-07	IIIrd	18.24	16.44	1825	2.29	0.85	3.14	111
				2007-08	IVth	18.28	16.41	916	1.89	2.26	4.15	56
				2008-09	Vth	8.80	11.94	873	2.53	0.07	2.60	73
				2009-10	Current	16.04	5.82	1073	1.08	0.66	2.24	185
43	Labhansarad	7.35	2024	2004-05	Ist	4.80	3.17	442	0.81	0.19	1.00	139
				2005-06	IInd	7.24	6.90	1119	1.21	0.45	1.66	162
				2006-07	IIIrd	7.35	6.70	1055	2.44	0.65	3.09	157
				2007-08	IVth	7.35	6.07	877	1.01	0.39	1.40	144
				2008-09	Vth	7.35	4.18	949	0.81	0.63	1.44	227
				2009-10	Current	3.96	1.20	339	0.96	0.00	0.96	283
44	Amal Nala	24.48	2962	2004-05	Ist	5.20	0.00	0	0.00	163.15	163.15	0
				2005-06	IInd	21.20	12.45	2017	2.50	174.80	177.30	162
				2006-07	IIIrd	24.48	16.05	2051	5.21	176.08	181.29	128
				2007-08	IVth	21.20	15.83	2571	2.38	204.81	207.19	162
				2008-09	Vth	16.24	9.98	1768	2.71	189.31	192.02	177
				2009-10	Current	6.07	0.00	0	1.09	205.23	206.32	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
45	Panchadhara	10.39	1822	2004-05	Ist	3.81	1.72	245	0.46	0.00	0.46	142
				2005-06	IInd	10.10	6.52	480	0.31	0.00	0.31	74
				2006-07	IIIrd	9.80	9.21	525	0.40	0.00	0.40	57
				2007-08	IVth	10.39	9.85	514	1.73	0.13	1.86	52
				2008-09	Vth	9.82	9.82	500	1.27	0.11	1.38	51
				2009-10	Current	9.56	7.83	435	1.03	0.00	1.03	56
46	Pothra	34.72	8948	2004-05	Ist	19.39	11.54	1550	0.91	0.00	0.91	134
				2005-06	IInd	34.17	25.34	2343	0.86	0.00	0.86	92
				2006-07	IIIrd	34.58	22.63	2080	2.36	0.90	3.26	92
				2007-08	IVth	34.72	24.32	2054	2.71	1.78	4.49	84
				2008-09	Vth	23.38	16.55	1759	2.96	2.05	5.01	106
				2009-10	Current	33.22	17.71	1585	2.39	0.00	2.39	89
47	Dongargaon (Chandrapur)	4.44	631	2004-05	Ist	0.83	0.44	216	0.31	0.00	0.31	491
				2005-06	IInd	4.44	3.52	201	0.03	0.00	0.03	57
				2006-07	IIIrd	4.44	2.81	206	0.31	0.00	0.31	73
				2007-08	IVth	4.44	2.87	215	0.62	0.07	0.69	75
				2008-09	Vth	4.39	3.38	220	0.51	0.07	0.58	65
				2009-10	Current	2.69	2.26	273	0.49	0.00	0.49	121
Nashik Region												
48	Manyad	40.27	4864	2004-05	Ist	40.27	36.92	4786	3.56	0.32	3.88	130
				2005-06	IInd	20.02	16.66	1860	4.03	0.80	4.83	112
				2006-07	IIIrd	40.27	35.60	4105	0.95	9.48	10.43	115
				2007-08	IVth	40.27	35.10	3941	4.47	3.55	8.02	112
				2008-09	Vth	40.27	35.66	3502	5.55	7.88	13.43	98
				2009-10	Current	40.42	32.82	4046	14.14	10.00	24.14	123

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1	2	3	4	5	6	7	8	9	10	11	12	13
49	Bori	25.15	4553	2004-05	I st	2.11	0.45	2795	0.31	15.29	15.60	6211
				2005-06	II nd	11.35	1.35	1515	0.31	7.68	7.99	1122
				2006-07	III rd	25.15	16.35	1905	0.07	17.70	17.77	117
				2007-08	Iv th	25.15	20.63	2161	7.44	8.91	16.35	105
				2008-09	V th	25.15	15.00	1662	5.26	24.03	29.29	111
				2009-10	Current	13.24	10.26	1555	4.33	17.28	21.61	152
50	Bhokarbari	6.54	1205	2004-05	I st	1.76	0.07	18	0.49	0.00	0.49	257
				2005-06	II nd	2.77	1.32	134	0.05	0.21	0.26	102
				2006-07	III rd	6.54	4.56	406	0.14	1.60	1.74	89
				2007-08	Iv th	6.54	4.87	415	1.15	0.45	1.60	85
				2008-09	V th	3.14	2.05	192	0.49	1.07	1.56	94
				2009-10	Current	0.28	0.63	101	0.61	0.81	1.42	160
51	Suki	39.85	5128	2004-05	I st	39.58	20.84	2371	8.55	6.40	14.95	114
				2005-06	II nd	39.66	23.04	2604	16.16	9.60	25.76	113
				2006-07	III rd	39.85	22.65	872	4.17	6.15	10.32	38
				2007-08	Iv th	39.85	33.38	945	3.91	4.62	8.53	28
				2008-09	V th	39.85	35.56	926	3.75	10.87	14.62	26
				2009-10	Current	39.85	24.85	962	3.70	6.85	10.55	39
52	Abhora	6.02	1115	2004-05	I st	6.02	3.86	547	2.43	0.00	2.43	142
				2005-06	II nd	3.95	3.02	310	4.64	0.00	4.64	103
				2006-07	III rd	6.02	2.91	275	0.41	0.00	0.41	95
				2007-08	Iv th	6.02	2.35	400	0.87	0.00	0.87	170
				2008-09	V th	6.02	3.30	355	0.81	0.00	0.81	108
				2009-10	Current	6.02	2.06	340	0.92	0.00	0.92	165

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
53	Agnawati	2.76	605	2004-05	Ist	2.76	0.12	47	0.07	0.00	0.07	392
				2005-06	IInd	2.18	0.12	22	0.08	0.34	0.42	183
				2006-07	IIIrd	2.76	0.60	79	0.52	0.89	1.41	132
				2007-08	IVth	0.00	0.00	0	0.00	0.77	0.77	0
				2008-09	Vth	2.76	1.36	158	0.00	3.40	3.40	116
				2009-10	Current	2.76	0.81	131	0.33	1.63	1.96	162
54	Hiwara	9.6	2231	2004-05	Ist	9.60	5.19	731	1.31	0.00	1.31	141
				2005-06	IInd	6.11	1.80	262	0.00	1.54	1.54	146
				2006-07	IIIrd	9.60	5.19	679	0.09	2.26	2.35	131
				2007-08	IVth	3.78	1.46	262	0.52	5.42	5.94	179
				2008-09	Vth	9.60	6.59	844	0.20	4.86	5.06	128
				2009-10	Current	9.60	6.17	747	1.30	6.05	7.35	121
55	Tondapur	4.64	1060	2004-05	Ist	4.64	0.44	284	0.68	1.12	1.80	645
				2005-06	IInd	0.00	0.00	0	0.00	1.78	1.78	0
				2006-07	IIIrd	4.63	0.35	113	0.02	3.15	3.17	323
				2007-08	IVth	3.10	0.13	74	0.07	2.69	2.76	569
				2008-09	Vth	0.98	0.00	0	0.00	1.52	1.52	0
				2009-10	Current	0.63	0.00	0	0.00	3.81	3.81	0
56	Kanoli	8.45	1363	2004-05	Ist	3.75	1.83	345	0.90	1.00	1.90	189
				2005-06	IInd	6.59	4.45	602	0.85	13.50	14.35	135
				2006-07	IIIrd	8.45	5.48	415	1.33	6.92	8.25	76
				2007-08	IVth	8.45	8.32	890	1.21	0.41	1.62	107
				2008-09	Vth	8.45	9.13	1331	1.03	2.46	3.49	146
				2009-10	Current	8.45	3.13	944	1.08	2.10	3.18	302

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
57	Burai	14.21	2760	2004-05	Ist	14.21	9.34	1431	3.64	0.00	3.64	153
				2005-06	IInd	14.21	12.68	1667	4.10	0.00	4.10	131
				2006-07	IIIrd	14.21	13.73	2619	3.49	0.00	3.49	191
				2007-08	IVth	14.21	12.90	3767	2.24	0.00	2.24	292
				2008-09	Vth	14.21	12.57	2368	1.30	0.00	1.30	188
				2009-10	Current	14.21	8.34	1127	2.00	3.18	5.18	135
58	Malangaon	11.33	1587	2004-05	Ist	11.33	6.86	855	2.16	0.70	2.86	125
				2005-06	IInd	11.32	6.02	985	2.10	4.37	6.47	164
				2006-07	IIIrd	11.32	7.90	1325	2.46	1.20	3.66	168
				2007-08	IVth	11.33	8.34	1090	2.38	0.00	2.38	131
				2008-09	Vth	11.33	7.35	921	1.55	1.81	3.36	125
				2009-10	Current	11.33	8.18	1048	1.49	0.52	2.01	128
59	Panzra	35.63	6868	2004-05	Ist	35.63	26.49	3748	8.95	1.00	9.95	141
				2005-06	IInd	35.63	22.82	4032	10.78	7.99	18.77	177
				2006-07	IIIrd	35.63	22.98	4507	8.86	25.28	34.14	196
				2007-08	IVth	35.63	21.89	2994	9.28	15.27	24.55	137
				2008-09	Vth	35.63	25.93	3538	5.63	0.91	6.54	136
				2009-10	Current	23.79	18.09	2011	4.96	0.50	5.46	111
60	Aner	59.21	7180	2004-05	Ist	21.39	30.39	3358	12.50	0.00	12.50	110
				2005-06	IInd	59.20	33.86	3695	9.54	39.02	48.56	109
				2006-07	IIIrd	59.20	48.78	3286	14.07	0.00	14.07	67
				2007-08	IVth	59.21	45.75	4360	11.01	0.00	11.01	95
				2008-09	Vth	59.21	46.62	3106	11.00	0.00	11.00	67
				2009-10	Current	59.20	22.48	3395	14.38	0.00	14.38	151

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
61	Karwand	21.39	4534	2004-05	Ist	21.39	6.45	987	4.50	2.80	7.30	153
				2005-06	IInd	10.41	5.19	756	9.85	8.25	18.10	146
				2006-07	IIIrd	21.39	7.64	1281	4.70	13.41	18.11	168
				2007-08	IVth	20.73	9.72	1612	3.00	9.58	12.58	166
				2008-09	Vth	18.04	14.87	3145	2.87	11.09	13.96	211
				2009-10	Current	20.73	15.77	1874	3.87	10.37	14.24	119
62	Rangawali	12.89	3124	2004-05	Ist	12.89	9.57	1532	2.34	2.55	4.89	160
				2005-06	IInd	12.82	10.81	2203	3.24	0.66	3.90	204
				2006-07	IIIrd	12.89	14.83	1938	2.63	1.83	4.46	131
				2007-08	IVth	12.89	12.16	2052	3.31	0.00	3.31	169
				2008-09	Vth	12.89	14.55	2513	4.80	0.00	4.80	173
				2009-10	Current	11.83	9.26	1179	3.44	0.00	3.44	127
63	Haranbari	33.02	9726	2004-05	Ist	33.02	15.74	2609	2.22	0.76	2.98	166
				2005-06	IInd	33.02	17.95	2563	6.02	8.87	14.89	143
				2006-07	IIIrd	33.02	16.26	3089	5.54	8.07	13.61	190
				2007-08	IVth	33.02	16.63	2924	4.30	27.27	31.57	176
				2008-09	Vth	33.02	15.80	2554	3.28	21.64	24.92	162
				2009-10	Current	29.26	14.48	3111	5.05	30.08	35.13	215
64	Kelzar	16.20	3394	2004-05	Ist	16.20	10.51	2417	2.58	3.47	6.05	230
				2005-06	IInd	16.20	4.29	1371	4.31	12.02	16.33	320
				2006-07	IIIrd	16.20	6.26	1512	2.04	13.06	15.10	242
				2007-08	IVth	16.09	7.50	1893	2.65	14.69	17.34	252
				2008-09	Vth	16.20	10.72	1897	4.46	13.38	17.84	177
				2009-10	Current	12.11	8.07	1812	2.64	12.59	15.23	225

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
65	Nagyasakya	11.24	2400	2004-05	Ist	11.24	10.23	1112	0.01	1.55	1.56	109
				2005-06	IInd	3.99	6.18	886	2.52	8.97	11.49	143
				2006-07	IIIrd	11.24	9.05	1265	1.37	0.00	1.37	140
				2007-08	Ivth	11.24	9.03	1638	3.09	0.00	3.09	181
				2008-09	Vth	11.24	11.55	1372	3.50	0.00	3.50	119
				2009-10	Current	1.27	8.97	1372	0.82	0.00	0.82	153
66	Alandi	27.46	6296	2004-05	Ist	27.46	20.21	1940	15.90	0.00	15.90	96
				2005-06	IInd	27.46	19.71	2376	15.60	0.00	15.60	121
				2006-07	IIIrd	27.46	20.64	2258	15.00	0.00	15.00	109
				2007-08	Ivth	27.46	21.66	2288	15.44	0.00	15.44	106
				2008-09	Vth	27.46	21.02	2173	1.21	0.00	1.21	103
				2009-10	Current	20.82	15.19	1949	11.06	0.00	11.06	128
67	Bhojapur	10.21	4500	2004-05	Ist	10.21	8.43	1057	3.48	0.00	3.48	125
				2005-06	IInd	9.93	9.48	1028	2.45	0.64	3.09	108
				2006-07	IIIrd	10.10	7.90	829	2.90	2.77	5.67	105
				2007-08	Ivth	10.19	9.45	820	2.59	3.71	6.30	87
				2008-09	Vth	10.11	16.65	982	0.04	0.00	0.04	59
				2009-10	Current	2.38	8.81	1109	2.00	0.00	2.00	126
68	Adhala	27.60	3914	2004-05	Ist	27.60	21.41	3475	10.50	0.00	10.50	162
				2005-06	IInd	27.60	25.52	3060	11.70	1.57	13.27	120
				2006-07	IIIrd	27.60	24.47	2432	6.96	1.63	8.59	99
				2007-08	Ivth	27.60	22.65	2306	9.62	0.02	9.64	102
				2008-09	Vth	27.60	23.97	1752	0.98	0.00	0.98	73
				2009-10	Current	10.98	21.64	2350	8.00	1.89	9.89	109

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
69	Ghatshil Pargaon	8.50	1660	2004-05	Ist	0.00	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	0.00	1.29	277	0.04	0.14	0.18	215
				2006-07	IIIrd	8.50	6.34	832	0.85	0.00	0.85	131
				2007-08	IVth	7.48	6.13	1117	0.55	0.14	0.69	182
				2008-09	Vth	4.76	5.55	943	0.80	0.25	1.05	170
				2009-10	Current	1.19	3.72	774	0.95	0.16	1.11	208
70	Mand Ohol	8.78	2266	2004-05	Ist	8.78	6.59	506	0.27	0.00	0.27	77
				2005-06	IInd	8.78	6.59	986	0.49	0.31	0.80	150
				2006-07	IIIrd	8.78	6.90	602	0.51	0.45	0.96	87
				2007-08	IVth	8.78	7.38	576	0.54	0.51	1.05	78
				2008-09	Vth	8.78	6.60	500	0.40	1.51	1.91	76
				2009-10	Current	6.39	6.03	412	0.60	0.96	1.56	68
Pune Region												
71	Ekrukh	61.16	6944	2004-05	Ist	26.36	2.99	1427	2.49	0.00	2.49	477
				2005-06	IInd	27.49	4.55	654	1.05	10.51	11.56	144
				2006-07	IIIrd	12.98	2.89	482	2.51	33.82	36.33	167
				2007-08	IVth	0.79	0.31	63	0.57	6.00	6.57	203
				2008-09	Vth	61.15	6.71	1018	0.64	5.42	6.06	152
				2009-10	Current	9.96	5.02	757	0.35	5.24	5.59	151
72	Jawalgaon	25.21	6192	2004-05	Ist	5.56	3.55	1240	1.21	0.00	1.21	349
				2005-06	IInd	19.11	12.48	1182	1.08	0.12	1.20	95
				2006-07	IIIrd	24.39	11.53	1339	2.50	1.54	4.04	116
				2007-08	IVth	17.80	13.38	2137	3.09	3.99	7.08	160
				2008-09	Vth	25.21	11.81	1656	0.37	3.79	4.16	140
				2009-10	Current	19.18	13.33	1939	3.10	0.00	3.10	145

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
73	Hingani (p)	31.97	6592	2004-05	Ist	2.44	2.65	323	1.12	2.62	3.74	122
				2005-06	IInd	31.97	13.79	1409	0.62	4.96	5.58	102
				2006-07	IIIrd	31.97	17.71	2518	3.33	1.48	4.81	142
				2007-08	IVth	31.97	21.77	3105	2.32	2.14	4.46	143
				2008-09	Vth	31.97	10.93	1429	0.93	2.79	3.72	131
				2009-10	Current	25.58	15.80	2452	1.65	1.81	3.46	155
74	Budhihal	19.03	5578	2004-05	Ist	1.88	0.30	297	0.00	0.00	0.00	990
				2005-06	IInd	0.00	0.03	33	0.08	0.00	0.08	1100
				2006-07	IIIrd	0.00	0.05	60	0.47	0.00	0.47	1111
				2007-08	IVth	0.00	1.87	606	1.82	0.00	1.82	325
				2008-09	Vth	3.70	2.13	1061	1.60	0.27	1.87	498
				2009-10	Current	-0.14	2.98	320	0.58	0.00	0.58	107
75	Mangi	30.53	4646	2004-05	Ist	2.00	1.40	487	0.92	0.00	0.92	349
				2005-06	IInd	14.11	12.42	1767	0.30	0.00	0.30	142
				2006-07	IIIrd	29.94	20.76	3127	4.95	0.68	5.63	151
				2007-08	IVth	17.40	14.49	2026	6.07	7.06	13.13	140
				2008-09	Vth	30.40	21.47	2997	0.49	3.19	3.68	140
				2009-10	Current	27.91	18.01	2936	6.47	1.15	7.62	163
76	Kasari	77.96	9995	2004-05	Ist	76.90	22.25	6210	26.27	0.00	26.27	279
				2005-06	IInd	77.96	47.03	6476	19.77	2.30	22.07	138
				2006-07	IIIrd	77.96	50.01	7063	19.81	3.81	23.62	141
				2007-08	IVth	77.96	65.10	7437	16.92	6.13	23.05	114
				2008-09	Vth	77.96	73.33	7963	26.74	6.13	32.87	109
				2009-10	Current	77.96	57.50	8503	0.18	0.00	0.18	148

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
77	Patgaon	104.8	10000	2004-05	Ist	79.86	46.37	2536	21.56	12.11	33.67	55
				2005-06	IInd	79.86	55.14	4717	43.77	15.83	59.60	86
				2006-07	IIIrd	98.49	55.80	5170	14.18	5.25	19.43	93
				2007-08	IVth	104.77	53.40	5376	13.48	22.74	36.22	101
				2008-09	Vth	104.77	67.93	5146	38.90	15.83	54.73	76
				2009-10	Current	105.99	49.91	5168	18.18	20.18	38.36	104
78	Jangamhatti	33.21	4457	2004-05	Ist	26.15	28.02	2684	20.34	13.21	33.55	96
				2005-06	IInd	26.15	23.97	5080	0.60	13.82	14.42	212
				2006-07	IIIrd	31.88	28.24	5454	5.00	16.52	21.52	193
				2007-08	IVth	26.87	26.74	4836	34.24	39.48	73.72	181
				2008-09	Vth	33.21	33.21	4395	29.07	37.64	66.71	132
				2009-10	Current	34.83	27.50	4714	36.62	8.42	45.04	171
79	Kumbhi	76.5	9170	2004-05	Ist	54.86	29.56	2518	24.77	0.00	24.77	85
				2005-06	IInd	60.18	27.70	4435	20.10	3.00	23.10	160
				2006-07	IIIrd	60.58	37.79	4731	4.55	7.30	11.85	125
				2007-08	IVth	68.08	52.47	4268	3.96	13.00	16.96	81
				2008-09	Vth	76.50	65.67	5659	9.15	38.77	47.92	86
				2009-10	Current	76.03	66.03	6031	8.73	6.85	15.58	91
80	Chikotra	43.05	6863	2004-05	Ist	31.17	18.23	1166	7.37	0.00	7.37	64
				2005-06	IInd	37.32	21.48	3040	20.18	14.47	34.65	142
				2006-07	IIIrd	37.31	24.93	3688	19.45	4.75	24.20	148
				2007-08	IVth	37.18	25.45	4085	17.36	0.89	18.25	161
				2008-09	Vth	43.05	29.25	4221	16.00	4.50	20.50	144
				2009-10	Current	32.89	24.20	4082	14.80	5.71	20.51	169

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
81	Chitri	52.48	9160	2004-05	Ist	52.36	45.49	7400	46.57	16.77	63.34	163
				2005-06	IInd	52.48	44.02	7372	5.31	18.93	24.24	167
				2006-07	IIIrd	52.48	42.12	10578	12.58	19.91	32.49	251
				2007-08	IVth	52.48	42.50	9136	44.83	40.49	85.32	215
				2008-09	Vth	52.48	49.28	10339	48.34	35.19	83.53	210
				2009-10	Current	53.41	45.50	8527	66.68	34.37	101.05	187
82	Kadavi	70.56	9908	2004-05	Ist	70.56	18.98	1700	8.94	0.00	8.94	90
				2005-06	IInd	69.77	23.13	2491	4.83	1.50	6.33	108
				2006-07	IIIrd	70.56	15.22	1698	5.01	0.00	5.01	112
				2007-08	IVth	70.56	22.98	2961	9.91	4.21	14.12	129
				2008-09	Vth	70.56	22.93	2437	9.93	8.70	18.63	106
				2009-10	Current	70.56	21.38	2328	8.78	4.43	13.21	109
83	Vadiwale	30.39	4468	2004-05	Ist	29.39	21.78	2501	8.12	54.40	62.52	115
				2005-06	IInd	30.39	24.02	3166	5.40	48.16	53.56	132
				2006-07	IIIrd	30.39	21.33	2951	1.31	1.25	2.56	138
				2007-08	IVth	29.90	22.04	3411	8.00	59.21	67.21	155
				2008-09	Vth	30.39	30.08	6194	8.97	158.27	167.24	206
				2009-10	Current	30.39	24.23	6584	10.20	195.60	205.80	272
84	Nher	11.79	2636	2004-05	Ist	11.79	5.12	1483	1.50	0.00	1.50	290
				2005-06	IInd	11.79	5.08	740	1.30	0.52	1.82	146
				2006-07	IIIrd	11.79	4.26	735	2.14	0.39	2.53	173
				2007-08	IVth	11.79	5.62	803	2.85	0.07	2.92	143
				2008-09	Vth	3.46	0.00	0	0.00	0.43	0.43	0
				2009-10	Current	11.79	6.05	827	2.10	2.12	4.22	137

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
85	Ranand	6.42	1093	2004-05	Ist	6.42	1.27	214	0.40	0.00	0.40	169
				2005-06	IInd	4.98	2.38	259	1.17	0.00	1.17	109
				2006-07	IIIrd	6.42	2.14	291	0.95	0.00	0.95	136
				2007-08	IVth	6.42	1.65	309	1.75	0.00	1.75	187
				2008-09	Vth	6.42	2.37	427	0.80	0.00	0.80	180
				2009-10	Current	6.42	2.38	442	1.35	0.00	1.35	186
86	Mhaswad	46.22	4049	2004-05	Ist	23.56	20.29	5804	2.92	0.00	2.92	286
				2005-06	IInd	8.35	6.66	2794	5.75	0.00	5.75	420
				2006-07	IIIrd	14.41	12.08	2660	1.29	0.00	1.29	220
				2007-08	IVth	44.33	22.70	3357	6.32	0.00	6.32	148
				2008-09	Vth	44.33	30.91	5479	6.38	0.00	6.38	177
				2009-10	Current	46.12	26.99	3520	9.56	0.00	9.56	130
87	Tisangi	24.46	4049	2004-05	Ist	24.46	17.18	2475	4.41	0.28	4.69	144
				2005-06	IInd	24.09	13.70	1869	6.00	5.55	11.55	136
				2006-07	IIIrd	24.40	17.44	2406	7.56	5.38	12.94	138
				2007-08	IVth	24.46	15.23	1767	10.00	3.00	13.00	116
				2008-09	Vth	24.46	15.19	1578	11.15	1.19	12.34	104
				2009-10	Current	24.46	14.43	2088	8.46	0.00	8.46	145
88	Khairy	13.74	2318	2004-05	Ist	4.94	1.98	1113	0.47	0.00	0.47	562
				2005-06	IInd	13.74	7.87	1246	0.68	0.00	0.68	158
				2006-07	IIIrd	13.73	3.48	1123	2.16	0.09	2.25	322
				2007-08	IVth	13.74	8.51	1326	2.58	0.20	2.78	156
				2008-09	Vth	12.64	5.70	768	4.14	0.26	4.40	135
				2009-10	Current	13.75	7.30	1450	4.35	0.12	4.47	199

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
89	Sina	52.30	8445	2004-05	Ist	37.04	18.91	2276	3.41	0.30	3.71	120
				2005-06	IInd	9.46	11.82	948	0.79	0.33	1.12	80
				2006-07	IIIrd	52.30	29.53	3107	5.27	0.61	5.88	105
				2007-08	IVth	52.30	46.08	3722	6.80	1.20	8.00	81
				2008-09	Vth	52.30	45.71	4273	6.36	1.41	7.77	93
				2009-10	Current	52.30	36.05	4040	6.04	0.51	6.55	112
90	Andhali	7.42	1498	2004-05	Ist	6.20	5.46	470	0.54	0.00	0.54	86
				2005-06	IInd	7.42	0.81	132	0.54	0.00	0.54	163
				2006-07	IIIrd	7.42	1.62	99	0.61	0.61	1.22	61
				2007-08	IVth	7.42	1.23	181	0.41	3.58	3.99	147
				2008-09	Vth	2.18	0.00	0	0.00	1.26	1.26	0
				2009-10	Current	7.43	0.86	133	0.67	2.70	3.37	155
91	Kasarsai	16.25	4119	2004-05	Ist	16.25	7.33	1178	2.40	2.77	5.17	161
				2005-06	IInd	16.02	8.87	1242	1.35	1.66	3.01	140
				2006-07	IIIrd	15.82	15.85	1789	2.09	3.85	5.94	113
				2007-08	IVth	14.94	13.07	2127	5.30	6.88	12.18	163
				2008-09	Vth	16.06	14.11	3022	7.29	6.67	13.96	214
				2009-10	Current	16.06	16.85	3475	4.11	3.30	7.41	206
Konkan Region												
92	Nazre	16.65	3195	2004-05	Ist	13.14	9.87	2272	10.80	47.30	58.10	230
				2005-06	IInd	16.65	13.48	2449	11.60	47.60	59.20	182
				2006-07	IIIrd	16.80	12.55	1946	12.60	49.80	62.40	155
				2007-08	IVth	16.61	17.34	2451	12.73	51.30	64.03	141
				2008-09	Vth	12.48	9.04	1632	7.44	43.31	50.75	181
				2009-10	Current	16.62	13.85	2095	3.30	40.97	44.27	151

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
93	Wandri	35.94	4088	2004-05	I st	35.94	20.01	789	1.30	0.00	1.30	39
				2005-06	II nd	33.94	24.60	800	0.50	0.00	0.50	33
				2006-07	III rd	35.94	27.53	1000	2.00	0.00	2.00	36
				2007-08	Iv th	33.16	26.56	620	1.96	0.00	1.96	23
				2008-09	V th	34.27	25.77	680	1.58	0.00	1.58	26
				2009-10	Current	35.18	25.73	680	2.50	0.00	2.50	26
94	Natuwadi	27.23	2050	2004-05	I st	27.23	23.25	180	0.95	4.56	5.51	8
				2005-06	II nd	26.69	0.30	14	0.46	0.00	0.46	47
				2006-07	III rd	27.23	24.54	199	0.58	10.46	11.04	8
				2007-08	Iv th	26.37	24.89	125	0.17	6.53	6.70	5
				2008-09	V th	26.33	21.97	72	0.54	4.57	5.11	3
				2009-10	Current	26.86	21.69	105	0.78	5.27	6.05	5
95	Hetwane	144.98	1301	2004-05	I st	64.79	2.91	101	0.00	86.30	86.30	35
				2005-06	II nd	69.38	3.57	101	0.00	93.67	93.67	28
				2006-07	III rd	75.29	2.81	95	0.18	135.69	135.87	34
				2007-08	Iv th	99.93	4.19	87	0.16	101.14	101.30	21
				2008-09	V th	124.67	4.48	125	0.50	93.38	93.88	28
				2009-10	Current	132.36	9.54	140	0.48	88.77	89.25	15
Aurangabad Region												
96	Kurnoor	32.28	3644	2004-05	I st	19.94	18.64	1001	0.00	0.55	0.55	54
				2005-06	II nd	32.28	24.65	1834	9.59	27.48	37.07	74
				2006-07	III rd	20.26	14.16	1362	9.16	26.53	35.69	96
				2007-08	Iv th	32.28	22.11	1920	7.55	21.22	28.77	87
				2008-09	V th	32.28	19.99	1797	8.06	6.87	14.93	90
				2009-10	Current	26.51	16.37	1486	10.06	3.79	13.85	91

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
97	Khandala	5.24	830	2004-05	Ist	5.24	5.24	440	0.00	0.00	0.00	84
				2005-06	IInd	4.44	2.77	451	1.41	0.00	1.41	163
				2006-07	IIIrd	0.86	0.83	205	0.53	0.00	0.53	247
				2007-08	IVth	3.17	2.42	569	0.53	0.00	0.53	235
				2008-09	Vth	5.24	2.83	535	1.51	0.00	1.51	189
				2009-10	Current	0.51	0.44	92	0.28	0.00	0.28	210
98	Turori	6.2	830	2004-05	Ist	3.72	1.94	169	0.00	0.00	0.00	87
				2005-06	IInd	6.20	2.52	390	0.31	0.58	0.89	155
				2006-07	IIIrd	4.61	2.20	360	0.55	3.33	3.88	164
				2007-08	IVth	6.20	2.20	488	0.55	3.33	3.88	222
				2008-09	Vth	1.00	0.88	110	0.00	0.00	0.00	125
				2009-10	Current	0.09	0.00	0	0.00	0.00	0.00	0
99	Jakapur	7.96	1584	2004-05	Ist	0.00	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	5.46	3.25	404	0.60	0.00	0.60	124
				2006-07	IIIrd	1.81	1.39	185	0.47	0.00	0.47	133
				2007-08	IVth	2.42	1.59	302	0.47	0.00	0.47	190
				2008-09	Vth	0.00	0.00	0	0.00	0.00	0.00	0
				2009-10	Current	0.00	0.00	0	0.00	0.00	0.00	0
100	Mehakari	12.98	4048	2004-05	Ist	0.00	1.00	173	0.00	0.00	0.00	173
				2005-06	IInd	0.00	0.00	0	0.00	0.00	0.00	0
				2006-07	IIIrd	12.98	3.86	279	0.57	0.00	0.57	72
				2007-08	IVth	8.60	6.53	560	0.18	0.00	0.18	86
				2008-09	Vth	8.60	2.22	215	0.97	0.00	0.97	97
				2009-10	Current	8.60	2.06	169	0.85	0.00	0.85	82

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
101	Kadi	5.47	1084	2004-05	Ist	0.00	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	0.00	0.00	0	0.00	0.00	0.00	0
				2006-07	IIIrd	5.47	2.12	138	0.04	0.00	0.04	65
				2007-08	IVth	5.21	3.11	312	0.04	0.00	0.04	100
				2008-09	Vth	5.21	3.60	277	1.31	0.00	1.31	77
				2009-10	Current	3.14	1.59	157	0.33	0.00	0.33	99
102	Kada	8.56	1214	2004-05	Ist	2.11	0.71	73	0.00	0.00	0.00	103
				2005-06	IInd	2.80	0.73	109	0.03	0.00	0.03	149
				2006-07	IIIrd	8.55	1.70	176	0.03	0.34	0.37	104
				2007-08	IVth	8.55	1.87	170	0.01	1.06	1.07	91
				2008-09	Vth	8.55	2.38	249	0.52	1.91	2.43	105
				2009-10	Current	8.55	1.32	243	0.50	0.00	0.50	184
103	Galhati	13.84	2200	2004-05	Ist	13.84	6.23	392	0.00	0.00	0.00	63
				2005-06	IInd	NA	3.77	424	0.35	0.00	0.35	112
				2006-07	IIIrd	13.84	4.86	328	0.25	0.00	0.25	68
				2007-08	IVth	10.49	7.21	367	0.76	0.00	0.76	51
				2008-09	Vth	7.90	5.90	411	1.40	0.00	1.40	70
				2009-10	Current	11.84	5.18	638	1.09	0.00	1.09	123
104	Karpara	24.9	2151	2004-05	Ist	3.32	0.51	55	0.05	0.00	0.05	108
				2005-06	IInd	24.76	12.20	1152	0.82	0.00	0.82	94
				2006-07	IIIrd	24.83	6.93	816	0.79	2.49	3.28	118
				2007-08	IVth	14.26	9.35	789	0.80	0.00	0.80	84
				2008-09	Vth	8.37	3.00	934	0.00	0.00	0.00	311
				2009-10	Current	24.33	8.37	1287	2.33	0.81	3.14	154

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
105	Masoli	27.13	2591	2004-05	Ist	9.34	4.25	623	0.33	2.02	2.35	147
				2005-06	IInd	27.13	15.00	1706	0.25	2.00	2.25	114
				2006-07	IIIrd	27.13	16.94	1776	2.02	2.31	4.33	105
				2007-08	IVth	24.50	17.73	1376	1.69	4.27	5.96	78
				2008-09	Vth	8.99	6.90	737	1.00	10.00	11.00	107
				2009-10	Current	0.42	0.00	0	0.18	46.68	46.86	0
106	Terna	19.66	1652	2004-05	Ist	8.69	0.33	285	0.00	8.06	8.06	861
				2005-06	IInd	19.39	6.58	921	0.79	6.15	6.94	140
				2006-07	IIIrd	19.63	8.60	1032	2.49	9.00	11.49	120
				2007-08	IVth	19.39	6.88	1163	3.26	24.91	28.17	169
				2008-09	Vth	19.66	7.64	1147	3.04	28.80	31.84	150
				2009-10	Current	8.25	0.00	0	0.00	17.02	17.02	0
107	Rui	8.61	1650	2004-05	Ist	1.90	1.01	498	0.00	0.00	0.00	494
				2005-06	IInd	7.04	1.59	208	0.05	0.75	0.80	130
				2006-07	IIIrd	6.47	2.14	371	0.00	1.80	1.80	173
				2007-08	IVth	8.41	3.65	530	0.00	1.80	1.80	145
				2008-09	Vth	8.41	1.51	583	0.07	0.00	0.07	386
				2009-10	Current	1.90	0.00	0	0.00	3.37	3.37	0
108	Raigavan	11.26	1700	2004-05	Ist	1.47	0.23	36	0.00	0.12	0.12	157
				2005-06	IInd	9.56	5.00	552	1.32	0.00	1.32	110
				2006-07	IIIrd	6.06	2.71	471	1.28	0.00	1.28	174
				2007-08	IVth	4.21	1.33	379	1.88	0.00	1.88	285
				2008-09	Vth	11.26	4.08	566	2.20	0.00	2.20	139
				2009-10	Current	1.58	0.36	40	0.25	0.25	0.50	111

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
109	Sukhna	18.49	2511	2004-05	Ist	5.60	0.23	18	0.00	0.00	0.00	78
				2005-06	IInd	15.66	6.37	908	2.17	0.30	2.47	143
				2006-07	IIIrd	18.49	8.57	1262	4.78	2.26	7.04	147
				2007-08	IVth	16.28	7.87	1852	7.75	9.00	16.75	235
				2008-09	Vth	9.79	8.90	1198	3.20	9.60	12.80	135
				2009-10	Current	5.81	2.64	985	3.53	3.60	7.13	373
110	Girja	21.25	3443	2004-05	Ist	0.00	0.22	31	0.19	0.00	0.19	141
				2005-06	IInd	0.00	0.92	97	0.30	0.88	1.18	105
				2006-07	IIIrd	16.77	5.68	852	0.00	0.69	0.69	150
				2007-08	IVth	11.91	5.54	1095	2.63	13.25	15.88	198
				2008-09	Vth	15.60	12.10	1765	4.00	5.30	9.30	146
				2009-10	Current	1.28	1.90	226	0.32	1.37	1.69	119
111	Lahuki	5.21	1092	2004-05	Ist	0.00	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	1.96	0.26	36	0.03	0.00	0.03	137
				2006-07	IIIrd	4.31	2.81	412	0.06	0.00	0.06	146
				2007-08	IVth	4.31	1.87	339	1.45	0.00	1.45	181
				2008-09	Vth	4.31	1.20	479	1.50	3.00	4.50	399
				2009-10	Current	1.10	0.45	145	0.44	0.48	0.92	322
												0
112	Dheku	11.53	2712	2004-05	Ist	4.56	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	0.00	0.00	0	0.00	2.26	2.26	0
				2006-07	IIIrd	10.13	2.86	631	0.01	0.00	0.01	221
				2007-08	IVth	5.85	1.62	566	1.02	0.02	1.04	349
				2008-09	Vth	9.99	3.00	768	1.30	0.00	1.30	256
				2009-10	Current	9.38	2.55	355	0.18	0.18	0.36	139

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
113	Kolhi	3.23	472	2004-05	Ist	0.00	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	0.39	0.00	0	0.00	0.00	0.00	0
				2006-07	IIIrd	2.84	1.81	235	0.00	3.39	3.39	130
				2007-08	IVth	1.14	0.18	85	0.01	1.08	1.09	472
				2008-09	Vth	2.92	2.40	222	0.70	0.10	0.80	93
				2009-10	Current	0.74	0.55	135	0.06	1.08	1.14	245
114	Ambadi	11.53	2147	2004-05	Ist	0.99	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	0.00	0.00	0	0.00	0.75	0.75	0
				2006-07	IIIrd	7.92	3.85	617	1.00	4.50	5.50	160
				2007-08	IVth	0.00	0.04	118	0.69	7.67	8.36	2950
				2008-09	Vth	9.42	2.50	471	0.70	10.20	10.90	188
				2009-10	Current	7.06	2.28	377	0.21	2.26	2.47	165
115	Khelna	11.07	2429	2004-05	Ist	10.53	3.48	841	4.11	6.60	10.71	242
				2005-06	IInd	4.61	1.88	196	0.18	1.50	1.68	104
				2006-07	IIIrd	11.07	3.27	887	2.85	4.65	7.50	271
				2007-08	IVth	3.87	0.36	54	0.72	3.60	4.32	150
				2008-09	Vth	3.81	0.00	0	0.10	19.60	19.70	0
				2009-10	Current	11.07	4.18	958	2.57	2.00	4.57	229
116	Gadadgad	4.64	1180	2004-05	Ist	2.16	1.50	185	0.75	0.00	0.75	123
				2005-06	IInd	3.48	2.40	295	0.45	0.00	0.45	123
				2006-07	IIIrd	3.61	1.79	432	3.89	0.00	3.89	241
				2007-08	IVth	3.69	1.55	249	0.35	0.00	0.35	161
				2008-09	Vth	4.64	1.70	405	2.20	2.00	4.20	238
				2009-10	Current	4.64	1.64	427	0.05	0.00	0.05	261

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
117	Ajantha Andhari	7.65	1576	2004-05	Ist	1.29	0.00	0	0.00	0.43	0.43	0
				2005-06	IInd	1.20	0.25	19	0.03	3.30	3.33	76
				2006-07	IIIrd	7.65	3.66	668	1.80	7.89	9.69	182
				2007-08	IVth	2.84	0.83	84	0.08	6.22	6.30	101
				2008-09	Vth	1.08	0.10	60	25.00	2.00	27.00	600
				2009-10	Current	1.02	0.11	53	0.34	0.25	0.59	482
118	Jui	6.03	2206	2004-05	Ist	1.74	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	0.75	0.00	0	0.00	0.11	0.11	0
				2006-07	IIIrd	6.03	1.89	303	1.28	0.75	2.03	160
				2007-08	IVth	4.92	2.48	497	1.59	1.46	3.05	200
				2008-09	Vth	2.60	0.00	0	0.50	2.50	3.00	0
				2009-10	Current	1.38	0.23	30	0.00	3.00	3.00	130
119	Jivrekha	6.13	1064	2004-05	Ist	3.87	1.42	222	0.62	0.00	0.62	156
				2005-06	IInd	4.78	2.70	545	1.52	0.00	1.52	202
				2006-07	IIIrd	6.13	3.45	583	1.97	0.00	1.97	169
				2007-08	IVth	1.77	0.85	122	0.47	0.76	1.23	144
				2008-09	Vth	5.14	4.00	543	1.90	1.40	3.30	136
				2009-10	Current	0.00	0.00	0	0.00	0.00	0.00	0
120	Dhamna	8.51	1280	2004-05	Ist	3.67	1.38	237	0.92	0.00	0.92	172
				2005-06	IInd	0.00	0.00	0	0.00	0.00	0.00	0
				2006-07	IIIrd	6.30	3.31	520	0.69	0.00	0.69	157
				2007-08	IVth	1.60	2.24	428	0.37	1.72	2.09	191
				2008-09	Vth	0.00	0.50	146	0.10	0.30	0.40	292
				2009-10	Current	0.00	0.00	0	0.00	0.00	0.00	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
121	Kalyan	12.22	2020	2004-05	I st	0.00	0.00	0	0.00	1.26	1.26	0
				2005-06	II nd	11.57	2.83	466	0.58	1.53	2.11	164
				2006-07	III rd	12.22	3.52	526	1.58	0.00	1.58	149
				2007-08	Iv th	6.40	1.17	523	2.62	6.45	9.07	447
				2008-09	V th	12.22	3.50	703	1.70	6.40	8.10	201
				2009-10	Current	-0.09	0.00	0	0.00	4.63	4.63	0
122	Kalyan Girja	8.47	1377	2004-05	I st	1.84	0.57	117	0.59	0.00	0.59	205
				2005-06	II nd	8.47	2.40	334	0.73	0.00	0.73	139
				2006-07	III rd	8.47	4.20	481	3.42	0.00	3.42	115
				2007-08	Iv th	5.37	2.09	402	1.64	0.00	1.64	192
				2008-09	V th	8.30	5.80	576	1.10	1.70	2.80	99
				2009-10	Current	3.55	0.68	346	1.50	0.00	1.50	509
123	Sakol	10.95	2064	2004-05	I st	4.34	4.16	701	1.79	0.00	1.79	169
				2005-06	II nd	10.95	6.81	950	4.79	0.00	4.79	140
				2006-07	III rd	10.95	5.49	1152	2.95	0.00	2.95	210
				2007-08	Iv th	5.52	4.48	852	2.77	0.49	3.26	190
				2008-09	V th	8.34	4.85	970	4.10	0.00	4.10	200
				2009-10	Current	-0.56	0.00	0	0.61	0.19	0.80	0
124	Tawarja	20.34	3603	2004-05	I st	2.28	0.42	123	0.00	0.00	0.00	296
				2005-06	II nd	12.26	8.89	1123	2.26	1.96	4.22	126
				2006-07	III rd	17.30	8.38	1216	2.86	5.49	8.35	145
				2007-08	Iv th	11.55	7.89	1093	2.56	13.36	15.92	138
				2008-09	V th	18.42	8.87	674	3.38	19.80	23.18	76
				2009-10	Current	1.38	0.00	0	2.59	9.53	12.12	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
125	Tiru	15.29	2348	2004-05	I st	8.03	4.76	823	2.53	0.00	2.53	173
				2005-06	II nd	15.29	6.91	1149	6.33	0.00	6.33	166
				2006-07	III rd	15.29	8.94	1160	3.08	0.00	3.08	130
				2007-08	Iv th	3.18	8.08	1195	2.41	0.00	2.41	148
				2008-09	V th	11.00	5.59	1036	5.21	6.00	11.21	185
				2009-10	Current	-4.22	0.00	0	0.94	0.00	0.94	0
126	Gharni	22.46	2234	2004-05	I st	22.46	10.71	1386	6.13	0.00	6.13	129
				2005-06	II nd	22.46	9.57	1326	6.69	2.53	9.22	139
				2006-07	III rd	22.46	12.90	1231	7.45	2.20	9.65	95
				2007-08	Iv th	21.91	11.60	1440	5.34	3.00	8.34	124
				2008-09	V th	22.45	9.55	1236	5.60	1.50	7.10	129
				2009-10	Current	-1.46	0.00	0	1.41	0.00	1.41	0
127	Vati	8.27	1760	2004-05	I st	0.99	0.68	262	1.35	0.00	1.35	385
				2005-06	II nd	8.27	5.35	531	2.35	0.00	2.35	99
				2006-07	III rd	8.03	5.50	459	3.05	0.14	3.19	83
				2007-08	Iv th	8.27	5.06	592	2.21	0.10	2.31	117
				2008-09	V th	8.27	4.08	641	1.93	3.22	5.15	157
				2009-10	Current	-0.61	0.00	0	0.71	0.00	0.71	0
128	Masalga	13.59	1364	2004-05	I st	0.00	0.00	0	0.06	0.00	0.06	0
				2005-06	II nd	4.76	0.52	78	0.71	0.00	0.71	151
				2006-07	III rd	9.64	2.81	80	0.25	0.00	0.25	28
				2007-08	Iv th	5.59	0.58	73	0.28	0.00	0.28	127
				2008-09	V th	3.18	0.40	76	0.95	0.00	0.95	190
				2009-10	Current	0.00	0.00	0	0.07	0.00	0.07	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
129	Devarjan	10.68	1882	2004-05	Ist	2.96	1.77	268	0.88	0.00	0.88	151
				2005-06	IInd	10.68	4.76	399	2.79	0.00	2.79	84
				2006-07	IIIrd	10.68	6.26	649	3.06	0.35	3.41	104
				2007-08	IVth	3.98	3.50	627	2.48	0.00	2.48	179
				2008-09	Vth	2.47	2.29	448	1.86	0.00	1.86	196
				2009-10	Current	-1.27	0.00	0	0.53	0.03	0.56	0
130	Kundlika	37.69	2964	2004-05	Ist	34.26	6.10	802	0.36	3.83	4.19	131
				2005-06	IInd	37.69	10.65	1165	4.73	2.96	7.69	109
				2006-07	IIIrd	37.69	15.10	1195	3.52	0.00	3.52	79
				2007-08	IVth	37.69	7.48	787	0.79	5.43	6.22	105
				2008-09	Vth	37.69	8.27	1195	3.70	5.20	8.90	144
				2009-10	Current	37.69	8.28	911	0.00	19.49	19.49	110
131	Wan (Beed)	19.34	5262	2004-05	Ist	15.86	4.97	744	1.02	37.63	38.65	150
				2005-06	IInd	19.34	5.49	656	3.78	19.86	23.64	119
				2006-07	IIIrd	19.34	6.22	682	1.91	16.30	18.21	110
				2007-08	IVth	19.34	4.69	476	1.57	4.11	5.68	101
				2008-09	Vth	19.34	9.17	743	1.63	24.09	25.72	81
				2009-10	Current	16.44	4.17	472	0.00	9.76	9.76	113
132	Kambli	3.1	972	2004-05	Ist	2.42	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	0.00	0.00	0	0.00	0.00	0.00	0
				2006-07	IIIrd	1.37	0.27	23	0.00	0.00	0.00	85
				2007-08	IVth	1.37	1.27	120	0.00	0.00	0.00	94
				2008-09	Vth	1.37	1.04	128	0.56	0.00	0.56	123
				2009-10	Current	1.37	0.62	53	0.25	0.00	0.25	85

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
133	Chandani	21.58	2024	2004-05	Ist	0.00	0.38	65	0.00	0.00	0.00	171
				2005-06	IInd	15.16	7.65	1316	0.30	0.31	0.61	172
				2006-07	IIIrd	17.78	1.00	1308	1.00	41.00	42.00	1308
				2007-08	Ivth	13.66	13.95	1584	1.08	3.24	4.32	114
				2008-09	Vth	16.18	12.47	1079	1.41	2.05	3.46	87
				2009-10	Current	17.53	5.72	865	1.88	3.07	4.95	151
134	Khasapur	13.04	2146	2004-05	Ist	2.69	1.87	130	0.00	0.00	0.00	70
				2005-06	IInd	13.04	6.82	1755	0.15	0.00	0.15	257
				2006-07	IIIrd	13.04	8.92	1488	0.70	0.00	0.70	167
				2007-08	Ivth	13.04	8.91	1576	0.91	2.10	3.01	177
				2008-09	Vth	13.04	7.99	1377	1.00	0.00	1.00	172
				2009-10	Current	13.04	6.84	1051	1.04	1.85	2.89	154
135	Sakat	13.48	2355	2004-05	Ist	7.24	5.06	1151	0.00	0.00	0.00	227
				2005-06	IInd	7.83	5.94	970	0.50	0.00	0.50	163
				2006-07	IIIrd	7.24	5.40	790	0.72	0.00	0.72	146
				2007-08	Ivth	6.96	4.45	870	1.16	0.00	1.16	195
				2008-09	Vth	3.93	2.03	665	0.58	0.00	0.58	327
				2009-10	Current	9.09	5.15	716	0.58	0.00	0.58	139
136	Rooty	6.57	1862	2004-05	Ist	0.00	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	0.00	0.00	0	0.00	0.00	0.00	0
				2006-07	IIIrd	6.50	2.73	95	0.03	1.00	1.03	35
				2007-08	Ivth	6.57	3.13	151	0.09	1.06	1.15	48
				2008-09	Vth	6.57	1.29	187	0.34	0.00	0.34	145
				2009-10	Current		1.00	134	0.73	0.00	0.73	134

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
137	Talwar	3.23	668	2004-05	I st	2.15	1.35	158	0.00	0.00	0.00	117
				2005-06	II nd	0.00	0.16	24	0.09	0.00	0.09	148
				2006-07	III rd	3.23	0.90	63	0.04	0.00	0.04	70
				2007-08	Iv th	3.23	0.98	155	0.04	0.00	0.04	158
				2008-09	V th	3.23	1.30	140	0.26	0.00	0.26	108
				2009-10	Current	2.01	0.77	86	0.13	0.00	0.13	112
138	Banganga	4.96	906	2004-05	I st	0.00	0.68	285	0.00	0.40	0.40	419
				2005-06	II nd	4.96	3.25	400	0.10	0.00	0.10	123
				2006-07	III rd	4.96	2.52	365	0.46	0.00	0.46	145
				2007-08	Iv th	3.99	2.43	430	0.47	0.00	0.47	177
				2008-09	V th	4.96	3.22	362	0.40	0.00	0.40	113
				2009-10	Current	4.97	1.62	253	0.16	0.00	0.16	156
139	Khandeshwar	8.78	1471	2004-05	I st	0.00	1.05	187	0.00	0.00	0.00	178
				2005-06	II nd	0.00	3.43	665	0.50	0.00	0.50	194
				2006-07	III rd	7.76	5.42	886	0.97	0.00	0.97	163
				2007-08	Iv th	8.37	6.29	1047	1.30	0.00	1.30	166
				2008-09	V th	4.49	4.39	689	1.71	0.00	1.71	157
				2009-10	Current	8.58	4.61	731	0.76	0.00	0.76	159
140	Ramganga	5.34	963	2004-05	I st	0.00	1.48	392	0.00	0.00	0.00	265
				2005-06	II nd	5.33	3.69	489	0.10	0.00	0.10	133
				2006-07	III rd	5.34	2.99	434	0.30	0.00	0.30	145
				2007-08	Iv th	4.54	3.77	493	0.88	0.00	0.88	131
				2008-09	V th	5.33	1.39	439	0.53	0.00	0.53	317
				2009-10	Current	5.34	2.25	328	0.23	0.00	0.23	146

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
141	Belpara	5.82	1093	2004-05	Ist	2.64	0.60	70	0.34	0.00	0.34	117
				2005-06	IInd	2.11	2.33	153	0.34	0.00	0.34	66
				2006-07	IIIrd	5.37	2.78	132	0.68	0.00	0.68	47
				2007-08	IVth	5.37	3.41	119	0.60	0.00	0.60	35
				2008-09	Vth	1.53	0.87	115	0.32	0.00	0.32	132
				2009-10	Current	1.52	1.99	114	0.07	0.00	0.07	57
142	Benitura	11.47	2293	2004-05	Ist		4.40	288	0.05	0.40	0.45	65
				2005-06	IInd	11.47	4.13	293	0.05	1.00	1.05	71
				2006-07	IIIrd	3.95	1.42	118	0.05	0.79	0.84	83
				2007-08	IVth	5.47	2.72	261	0.25	3.81	4.06	96
				2008-09	Vth	11.47	6.47	583	0.05	2.00	2.05	90
				2009-10	Current	6.77	4.97	425	0.00	6.70	6.70	86
143	Bindusara	7.112	1288	2004-05	Ist	3.87	0.00	0	0.00	18.00	18.00	0
				2005-06	IInd	7.11	2.14	153	0.71	12.92	13.63	71
				2006-07	IIIrd	7.11	1.32	192	0.88	8.00	8.88	145
				2007-08	IVth	5.70	2.34	290	1.12	2.83	3.95	124
				2008-09	Vth	7.11	2.30	216	0.10	1.35	1.45	94
				2009-10	Current	7.11	1.73	204	0.81	15.58	16.39	118
144	Bodhegaon	3.65	990	2004-05	Ist	0.00	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	3.72	1.23	95	0.64	0.00	0.64	77
				2006-07	IIIrd	3.72	1.19	85	1.46	0.00	1.46	71
				2007-08	IVth	3.73	1.08	75	0.35	0.00	0.35	69
				2008-09	Vth	Nd	1.40	228	0.97	0.00	0.97	163
				2009-10	Current	2.60	1.77	206	0.37	0.00	0.37	116

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
145	Borna	8.972	1376	2004-05	Ist	6.58	1.07	161	0.32	0.00	0.32	150
				2005-06	IInd	8.97	3.80	443	0.49	0.00	0.49	117
				2006-07	IIIrd	8.97	3.66	384	0.23	0.00	0.23	105
				2007-08	IVth	8.97	2.11	195	0.05	0.00	0.05	92
				2008-09	Vth	Nd	2.51	198	0.43	0.00	0.43	79
				2009-10	Current	5.66	2.97	434	0.00	0.00	0.00	146
146	Harni	11.17	1680	2004-05	Ist	Nd	9.78	653	0.83	0.00	0.83	67
				2005-06	IInd	6.47	5.63	471	0.00	0.00	0.00	84
				2006-07	IIIrd	4.99	3.77	287	0.00	0.00	0.00	76
				2007-08	IVth	2.98	2.57	367	0.00	0.00	0.00	143
				2008-09	Vth	11.17	5.21	705	0.20	0.00	0.20	135
				2009-10	Current	2.49	2.03	298	0.10	0.00	0.10	147
147	Mahasangvi	5.88	1943	2004-05	Ist	2.65	2.23	262	0.25	0.00	0.25	117
				2005-06	IInd	5.88	3.70	450	0.98	1.15	2.13	122
				2006-07	IIIrd	5.88	4.03	445	0.79	0.45	1.24	110
				2007-08	IVth	5.88	4.17	427	0.92	0.24	1.16	102
				2008-09	Vth	5.88	4.49	630	1.15	0.00	1.15	140
				2009-10	Current	5.88	2.80	413	0.80	0.00	0.80	148
148	Renapur	20.55	2445	2004-05	Ist	5.03	12.72	308	0.67	0.00	0.67	24
				2005-06	IInd	Nd	5.63	544	1.06	0.58	1.64	97
				2006-07	IIIrd	20.07	9.04	891	2.29	0.93	3.22	99
				2007-08	IVth	8.13	3.79	501	0.71	0.51	1.22	132
				2008-09	Vth	9.55	3.57	375	0.83	0.86	1.69	105
				2009-10	Current	10.67	3.58	341	0.47	1.69	2.16	95

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
149	Sangameshwar	15.04	3350	2004-05	Ist	NA	2.60	293	0.20	0.00	0.20	113
				2005-06	IInd	15.03	6.51	402	0.16	0.00	0.16	62
				2006-07	IIIrd	15.23	7.17	537	0.09	0.00	0.09	75
				2007-08	IVth	15.03	7.52	1363	0.05	0.00	0.05	181
				2008-09	Vth	15.04	6.95	1217	0.38	0.00	0.38	175
				2009-10	Current	15.04	7.84	1010	0.96	0.00	0.96	129
150	Saraswati	6.21	1230	2004-05	Ist	0.52	0.00	0	0.00	0.00	0.00	0
				2005-06	IInd	6.21	3.72	313	0.60	0.00	0.60	84
				2006-07	IIIrd	4.04	2.34	315	1.02	0.00	1.02	135
				2007-08	IVth	6.07	2.88	468	1.70	0.00	1.70	163
				2008-09	Vth	Nd	3.72	480	1.19	0.00	1.19	129
				2009-10	Current	5.36	2.60	280	1.41	2.55	3.96	108
151	Sindphana	7.348	1782	2004-05	Ist	2.51	4.13	543	1.86	0.00	1.86	131
				2005-06	IInd	7.36	2.21	508	2.04	0.00	2.04	230
				2006-07	IIIrd	7.36	5.35	640	4.65	0.00	4.65	120
				2007-08	IVth	7.36	4.45	748	5.40	0.00	5.40	168
				2008-09	Vth	4.87	2.59	584	2.90	0.00	2.90	225
				2009-10	Current	4.42	3.60	642	2.00	0.00	2.00	178
152	Dongargaon (Nanded)	8.81	830	2004-05	Ist	2.83	0.00	0	0.51	0.00	0.51	0
				2005-06	IInd	8.80	5.45	535	0.72	0.09	0.81	98
				2006-07	IIIrd	8.47	5.43	609	0.71	0.00	0.71	112
				2007-08	IVth	8.47	5.38	609	0.00	0.00	0.00	113
				2008-09	Vth	8.47	4.49	610	1.54	0.00	1.54	136
				2009-10	Current	6.17	0.00	10	0.00	0.00	0.00	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
153	Loni	8.38	1377	2004-05	I st	5.36	3.31	462	1.33	0.00	1.33	140
				2005-06	II nd	8.10	3.18	283	0.20	0.00	0.20	89
				2006-07	III rd	8.21	4.80	482	0.01	0.00	0.01	100
				2007-08	Iv th	8.12	4.41	558	1.55	0.00	1.55	127
				2008-09	V th	8.12	4.13	423	0.84	6.69	7.53	102
				2009-10	Current	4.54	0.00	0	0.00	0.00	0.00	0
154	Nagzari	6.56	960	2004-05	I st	3.51	1.27	400	0.58	6.21	6.79	315
				2005-06	II nd	6.39	2.86	377	0.32	2.00	2.32	132
				2006-07	III rd	6.56	3.62	413	0.87	1.62	2.49	114
				2007-08	Iv th	6.45	4.38	440	1.72	3.58	5.30	101
				2008-09	V th	6.45	4.19	403	1.61	6.69	8.30	96
				2009-10	Current	4.82	0.00	0	0.00	2.84	2.84	0
155	Mahalingi	4.78	784	2004-05	I st	0.00	0.00	0	0.12	0.00	0.12	0
				2005-06	II nd	4.78	4.18	719	1.10	0.00	1.10	172
				2006-07	III rd	3.05	3.29	703	0.49	0.00	0.49	214
				2007-08	Iv th	0.81	1.04	178	0.13	0.00	0.13	171
				2008-09	V th	1.29	1.18	176	0.00	0.00	0.00	149
				2009-10	Current	-0.70	0.00	0	0.00	0.00	0.00	0
156	Pethwadaj	9.04	1478	2004-05	I st	9.04	6.88	758	0.50	0.00	0.50	110
				2005-06	II nd	9.03	8.28	736	3.71	0.00	3.71	89
				2006-07	III rd	9.04	8.07	916	2.71	0.00	2.71	113
				2007-08	Iv th	9.04	7.21	807	2.46	0.00	2.46	112
				2008-09	V th	2.86	0.29	46	0.53	0.00	0.53	159
				2009-10	Current	0.81	0.00	0	0.00	0.00	0.00	0

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
157	Kudala	4.35	567	2004-05	Ist	2.05	1.39	284	0.79	0.96	1.75	204
				2005-06	IInd	4.35	3.60	515	0.25	0.00	0.25	143
				2006-07	IIIrd	4.35	3.14	685	1.27	0.00	1.27	218
				2007-08	IVth	2.18	3.16	529	0.56	0.42	0.98	167
				2008-09	Vth	4.29	3.77	484	1.76	5.66	7.42	128
				2009-10	Current	1.42	0.78	111	0.00	1.90	1.90	142
158	Karadkhed	11.01	1780	2004-05	Ist	6.59	2.43	521	0.03	12.33	12.36	214
				2005-06	IInd	11.01	3.96	445	0.95	3.25	4.20	112
				2006-07	IIIrd	11.01	5.61	621	1.19	2.73	3.92	111
				2007-08	IVth	7.91	3.35	557	1.24	5.95	7.19	166
				2008-09	Vth	7.78	4.17	543	2.95	8.38	11.33	130
				2009-10	Current	4.53	0.00	0	0.00	4.90	4.90	0
159	Kundrala	10.41	1012	2004-05	Ist	3.65	2.13	479	0.11	6.51	6.62	225
				2005-06	IInd	10.41	5.35	725	0.36	1.68	2.04	136
				2006-07	IIIrd	10.41	6.93	1259	0.46	1.87	2.33	182
				2007-08	IVth	5.31	2.23	372	0.71	2.68	3.39	167
				2008-09	Vth	3.65	1.51	301	1.59	3.47	5.06	199
				2009-10	Current	2.50	0.27	125	0.00	1.08	1.08	463

Sr. No.	Project	Designed live storage in Mm^3	ICA in ha	Irrigation Year	Year status	Live Storage as on 15th oct	Water used for irrigation in Mm^3	Irrigated area in ha	Recovery Irrigation Rs. In lakhs	Recovery Non-Irrigation Rs. In lakhs	Total recovery Irrigation + Non irrigation in Lakhs	Annual Water supply ha/Mm^3.
1	2	3	4	5	6	7	8	9	10	11	12	13
160	Anjana Palashi			2004-05	I st	NA	NA	NA	NA	NA	NA	NA
				2005-06	II nd	NA	0.53	60	0.20	0.00	0.20	113
				2006-07	III rd	13.74	2.18	1386	0.50	1.00	1.50	636
				2007-08	Iv th	5.28	2.73	1147	1.19	1.67	2.86	420
				2008-09	V th	7.40	2.09	364	1.30	0.00	1.30	174
				2009-10	Current	5.65	1.87	351	1.04	0.30	1.34	188
161	Purna Nevpur			2004-05	I st	NA	NA	NA	NA	NA	NA	NA
				2005-06	II nd	NA	1.07	243	0.30	0.00	0.30	227
				2006-07	III rd	9.34	2.07	1484	0.74	0.00	0.74	717
				2007-08	Iv th	5.11	2.86	1470	1.42	7.31	8.73	514
				2008-09	V th	9.34	5.39	1381	1.29	1.70	2.99	256
				2009-10	Current	9.34	3.86	555	0.72	1.68	2.40	144
162	Narangi			2004-05	I st	NA	NA	NA	NA	NA	NA	NA
				2005-06	II nd	NA	NA	NA	NA	NA	NA	NA
				2006-07	III rd	11.39	3.38	916	0.00	0.00	0.00	271
				2007-08	Iv th	9.27	3.78	936	0.24	2.30	2.54	248
				2008-09	V th	11.39	0.95	384	0.22	1.77	1.99	404
				2009-10	Current	0.00	0.00	0	0.00	3.83	3.83	0
163	Tembhapuri			2004-05	I st	NA	NA	NA	NA	NA	NA	NA
				2005-06	II nd	NA	NA	NA	NA	NA	NA	NA
				2006-07	III rd	19.01	2.89	1959	0.77	0.00	0.77	678
				2007-08	Iv th	7.23	3.10	1531	0.62	0.00	0.62	494
				2008-09	V th	14.85	1.00	145	0.60	1.37	1.97	145
				2009-10	Current	14.17	2.73	501	1.93	4.28	6.21	184
164	Shivana Takli			2004-05	I st	NA	NA	NA	NA	NA	NA	NA
				2005-06	II nd	NA	NA	NA	NA	NA	NA	NA
				2006-07	III rd	NA	NA	NA	NA	NA	NA	NA
				2007-08	Iv th	15.05	0.62	120	0.57	0.00	0.57	194
				2008-09	V th	34.85	7.59	542	0.73	0.00	0.73	71
				2009-10	Current	19.10	5.45	432	0.90	0.17	1.07	79

NOTES :

1 NA : Not available

2 Change in col.No.3 of designed live storage in respective years if any is due to revision in designed live storage capacity

3 Water use for irrigation (Col.No.8) is more than available live storage (Col.No.7) in some projects due to irrigation in kharif season.

4 Irrigated area (Col.No.9) is more than ICA (Col.No.4) in some projects due to irrigation in kharif season.

Chapter 8

BENCHMARKING OF

WATER AND LAND MANAGEMENT INSTITUTE (WALMI), AURANGABAD

8.0 INTRODUCTION

WALMI, Aurangabad (Maharashtra) is a premier training institute of its kind in India established on 1st October 1980 as an autonomous registered society under Water Resources Department, Government of Maharashtra for imparting the training in IWM.

8.1 Objectives

The main objectives of the institute are:

- To provide in-service training of interdisciplinary nature to staff engaged in Irrigation Water Management and Land Development in Water Resources and Agriculture Departments
- Action and adaptive research pertaining to Irrigation Project Commands.
- Providing consultancy services, production of training materials (in print and electronic media), conducting seminars/ workshops and organizing farmers' training programme.

Training is imparted by highly qualified, experienced and well-trained faculty members. WALMI has five faculties:

- Faculty of Engineering
- Faculty of Agriculture
- Faculty of Science (Computer Applications & Hydraulics)
- Faculty of Social Sciences
- Faculty of Integrated Watershed Development & Management

An optimal mix of core faculty and senior field officers on deputation to WALMI constituting the faculty is one of the vital factors of this institute's strength and performance.

8.2 BENCHMARKING OF WALMI

8.2.1 Performance Indicators

The benchmarking technique is introduced for the performance evaluation of the irrigation systems in the State of Maharashtra. Benchmarking is a continuous process of measuring one's own performance and practices against the best competitors and is a sequential exercise of learning from other's experience. The guidelines are available on the

categories of performance indicators for Irrigation Systems. The benchmarking of WALMI, Aurangabad, which is a premier training institute in IWM is carried out by developing the performance indicators based on the activities of the institute. The performance is also compared with the requirement wherever possible.

WALMI, being a training institute, has developed its own performance indicators as below:

1) Institutional performance
2) Qualitative performance
3) Financial indicators
4) Environmental aspects

8.2.2 Institutional Performance

The institutional performance of the WALMI is assessed based on the following four indicators:

a) Strength of teaching staff

The strength of teaching staff is compared with the potential sanctioned positions and available positions over the period of last five years.

b) Annual training workload (trainee days)

The annual training workload is compared with the planned training workload and achievement for last five years.

c) Annual training workload of long term courses (Participants)

The number of participants actually participated in long term courses (25/21 week's duration) are compared with the potential strength of the long term courses for last five years.

d) Annual Farmers' training workload (Participants)

The number of participants actually participated in different farmer's training programme are compared with the expected participants.

8.2.3 Qualitative Performance

The overall quality of institute's activities is assessed based on the following indicators:

a) End of Course evaluation (i) L.T.C. (ii) S.T.C.
b) Research activities
c) Revisions & Development of publications

d) Papers presented & published (state, national & international level)

8.2.4 Financial Indicators

This is assessed based on the actual expenses of the institute:

a) Cost of training per trainee day

b) Central Assistance for training programme

8.2.5 Environmental Aspects

Environmental indicators will give information about involvement of participants in the training activities to acquire the knowledge, skills and attitudes for their jobs. It will also indicate the conduciveness of environment in the institute.

a) Referencing WALMI Library

b) Visitors in WALMI

8.3 ASSESSMENT OF PERFORMANCE OF WALMI (YEAR 2005 – 2010)

(i) Strength of teaching staff

The strength of teaching staff is almost constant in last five years and is ranging between 24 to 27 as against the sanctioned strength of 47. The existence of sizeable core faculty is one of the vital factors of this institute's strength and performance. (Fig.1)

(ii) Annual training workload (trainee days)

Achievement in last five years is more than the planned training workload. The average planning of the last five years is about 30000. The actual achieved training workload is ranging in between 30000–34537. In almost all the years the achievement is more than the planned. (Fig.2)

(iii) Annual training workload of long term courses (participants)

The number of participants actually attended in LTC for all the years were more than the potential strength (Fig.3). This is because of efforts taken by the Institute and making it mandatory for all the nominated participants.

(iv) Annual Farmers' training workload (participants)

This indicator shows the year wise number of farmers participated in the courses during last five years (Fig.4). In all the years, except in 2009-10 the participation of farmers in the training programmes is more than the planned. The target of farmers participated during 2009-10 could not be achieved due to poor response of farmers in MWSIP Courses.

(v) End of course evaluation

In the method of end of course evaluation, the trainee officers are asked to give rating for various questions related to training. The average rating of end course evaluation for long term courses and short term courses (having period more than 4 days) during the year is around four, which indicates that overall quality of training as excellent (Fig.5)

(vi) Research activities

This activity is now taken up as supplemental activities along with the training activities of the Institute. (Fig.6).

(vii) Revisions & Development of publications

This can not be assessed exactly on yearly basis. The fig.7 shows the actual status of this activity.

(viii) Papers / Articles presented & published (State, National & International level)

The numbers are in increasing order and are highest during the year 2008–09. The average publications of papers/articles published by the faculty are around 30 per year (Fig.8). The faculties are being motivated in this regard.

(ix) Cost of training per trainee day

The cost of training per trainee day is different in the different years and depends upon the number of trainee days (annual training workload) and the budget allotment (Fig.9). This includes the expenditure on administration and maintenance of institute's estate. The average cost of training in last five years is around Rs. 4,285 per trainee day.

(x) Referencing WALMI Library

This indicates that use of library is increasing among the faculties, training participants and visitors (Fig.11).

(xi) Visitors in WALMI

The visitors in WALMI are increasing year after year which is a good indicator for the capabilities of the WALMI (Fig.12).

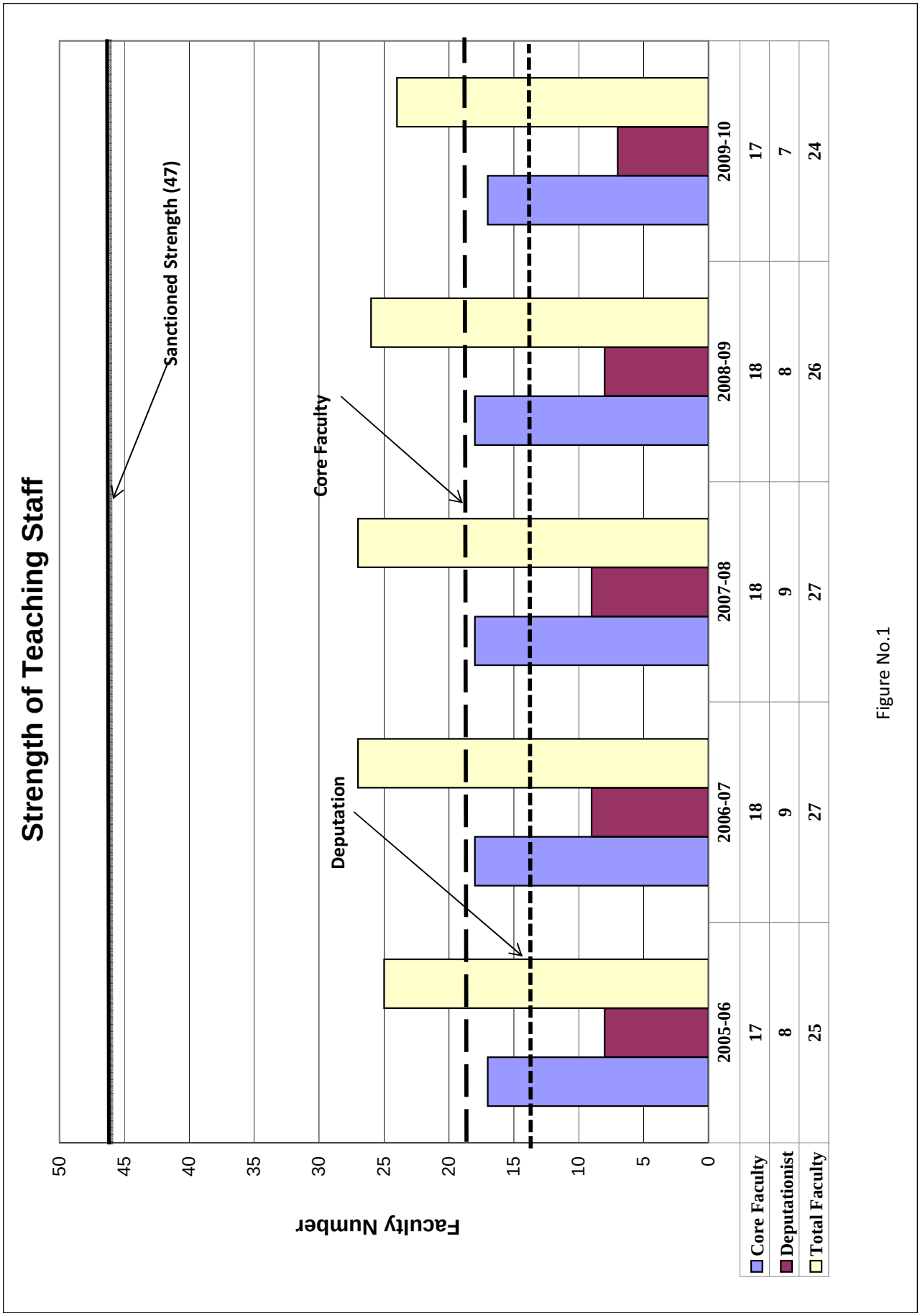
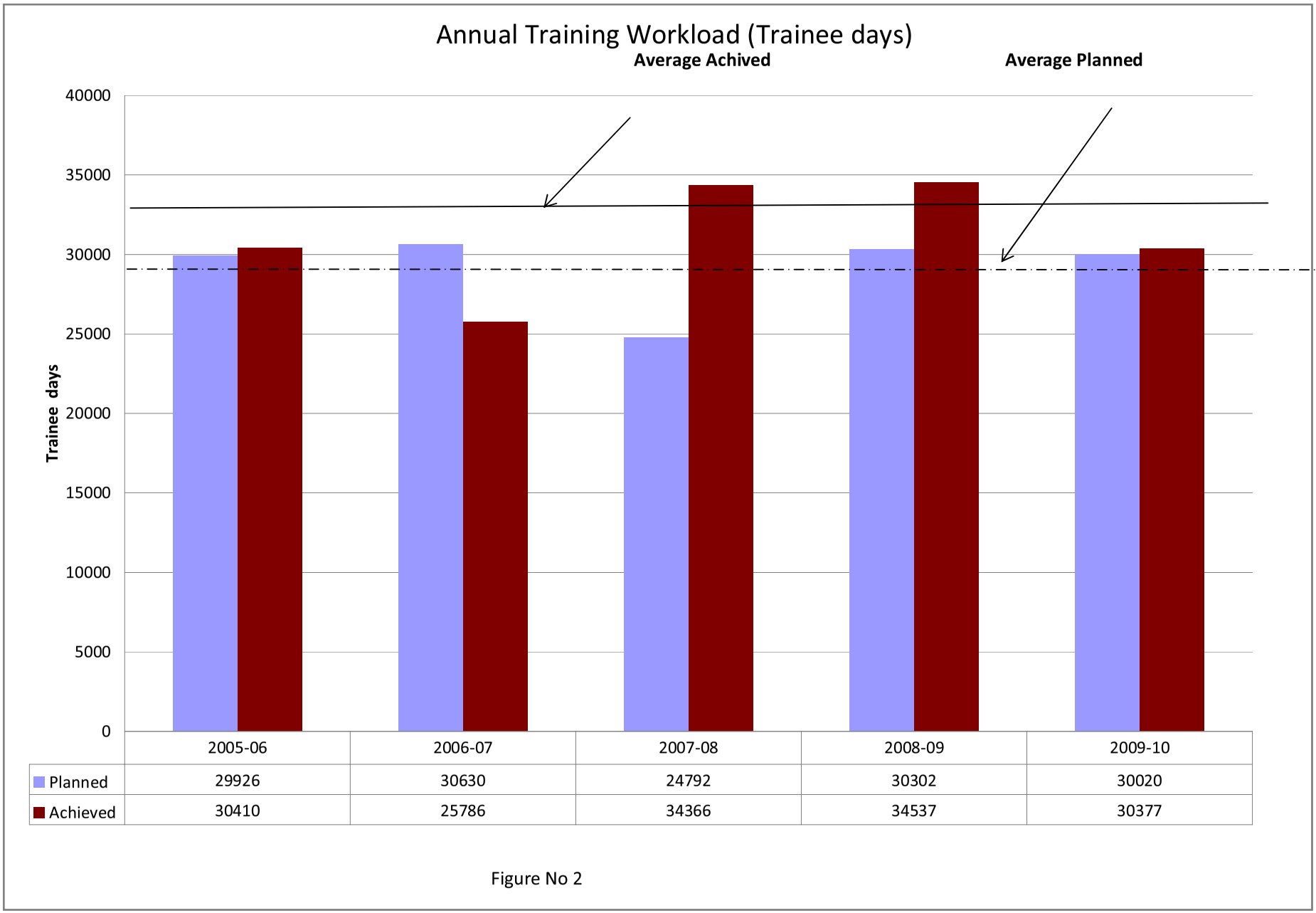

Strength of Teaching Staff
Sanctioned Strength (47)
Core Faculty
Deputation
Faculty Number
50
45
40
35
30
25
20
15
10
5
0
2005-06
2006-07
2007-08
2008-09
2009-10
Core Faculty 17 18 18 18 17
Deputationist 8 9 9 8 7
Total Faculty 25 27 27 26 24

Figure No.1



	2005-06	2006-07	2007-08	2008-09	2009-10
Planned	29926	30630	24792	30302	30020
Achieved	30410	25786	34366	34537	30377

Figure No 2

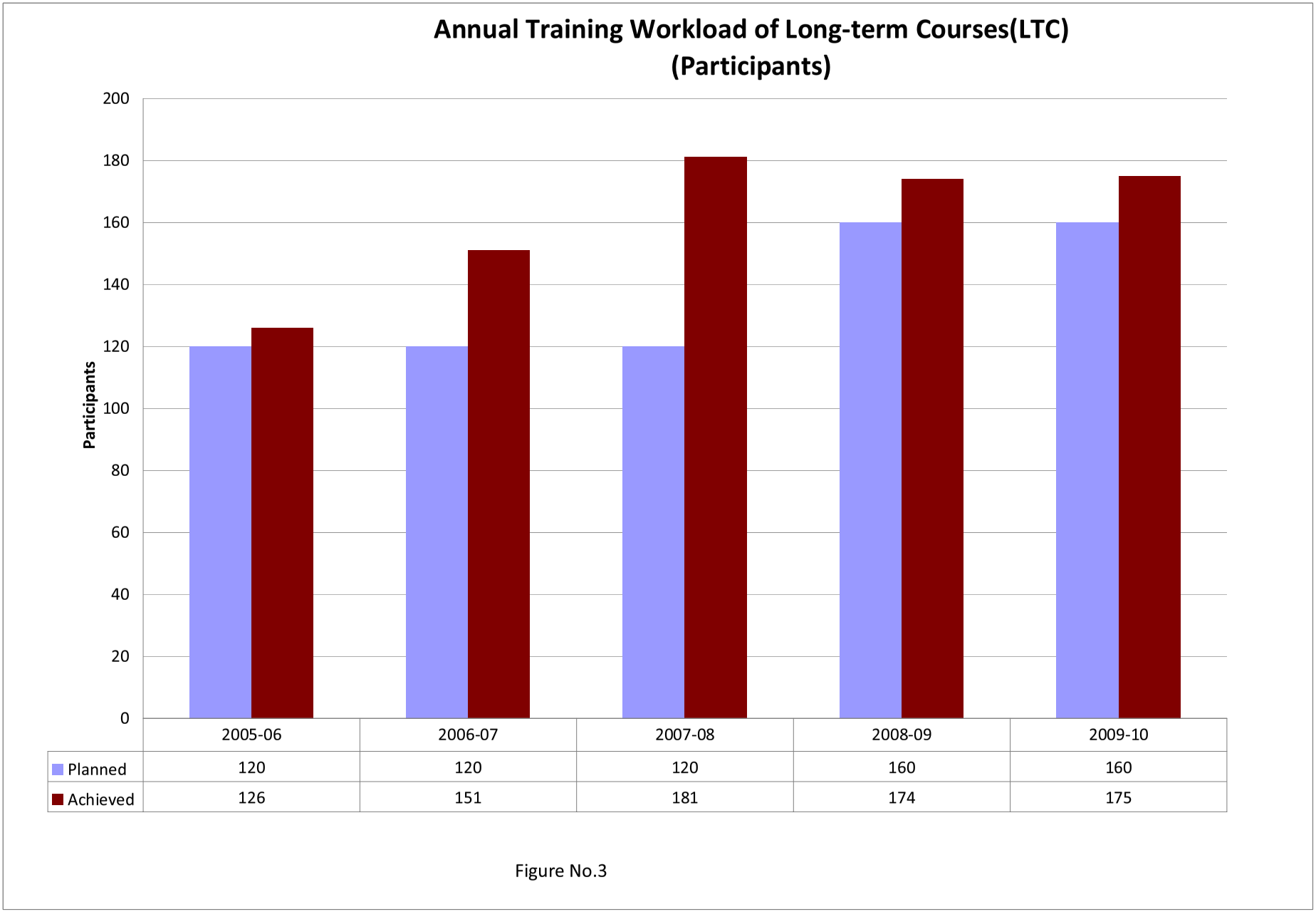
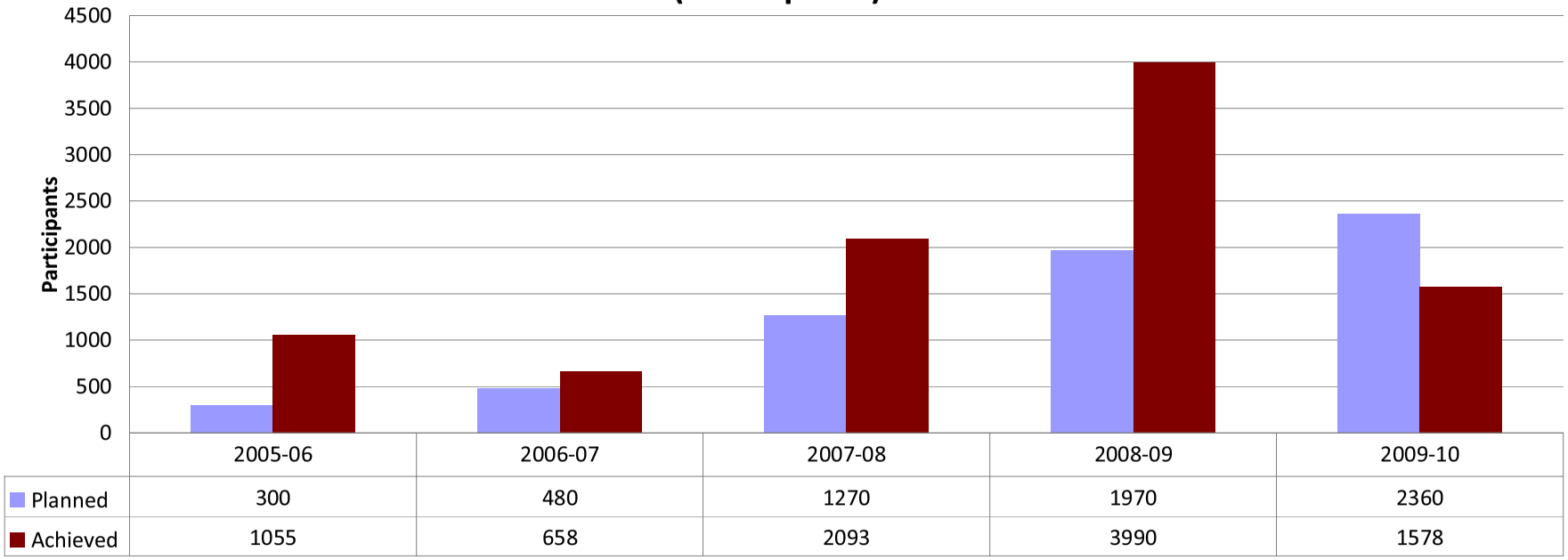
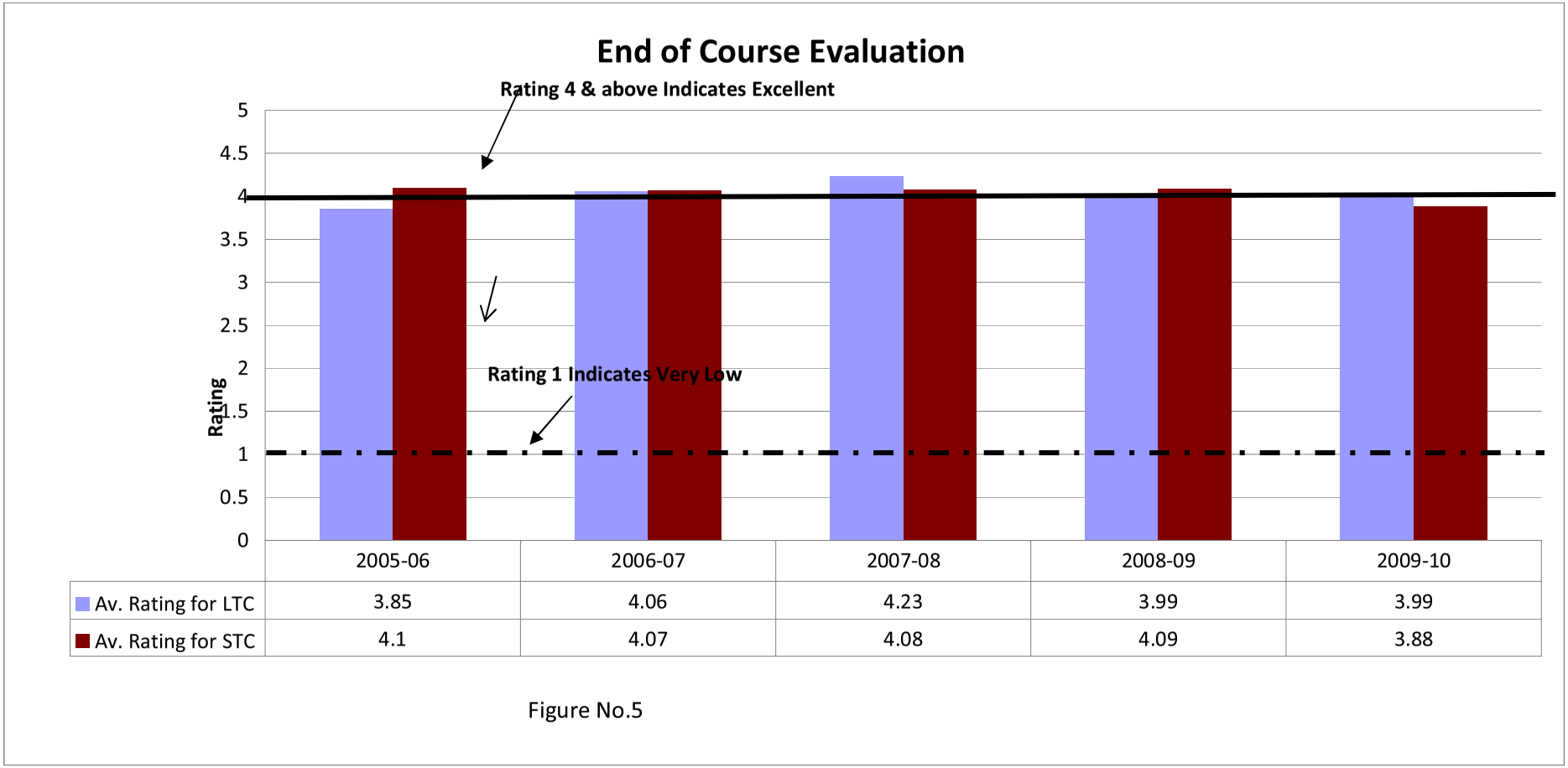

Annual Training Workload of Long-term Courses(LTC)
(Participants)
Participants
200
180
160
140
120
100
80
60
40
20
0
2005-06
2006-07
2007-08
2008-09
2009-10
Planned
120
120
120
160
160
Achieved
126
151
181
174
175

Figure No.3



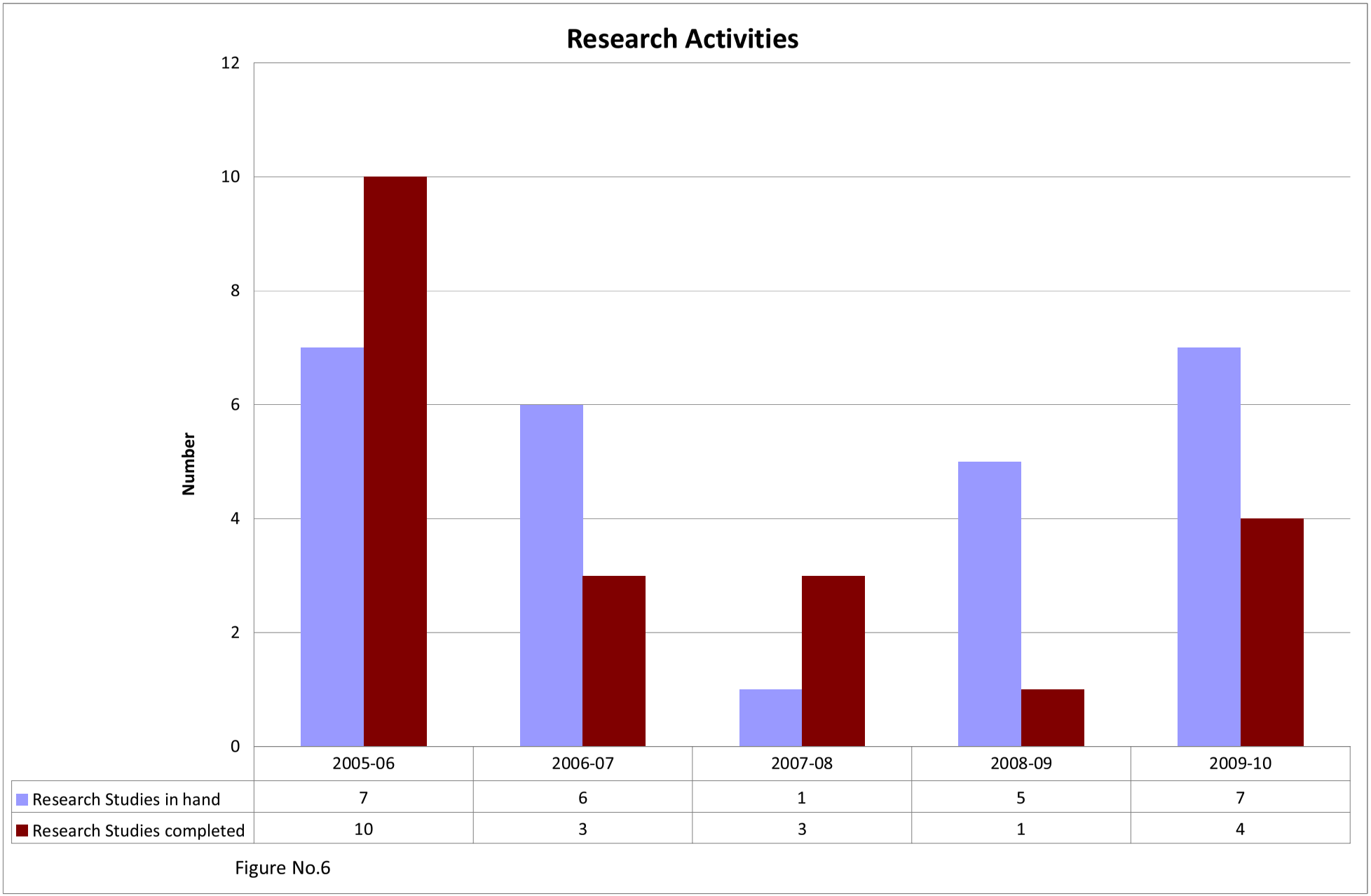
	2005-06	2006-07	2007-08	2008-09	2009-10
Planned	300	480	1270	1970	2360
Achieved	1055	658	2093	3990	1578

Figure No .4



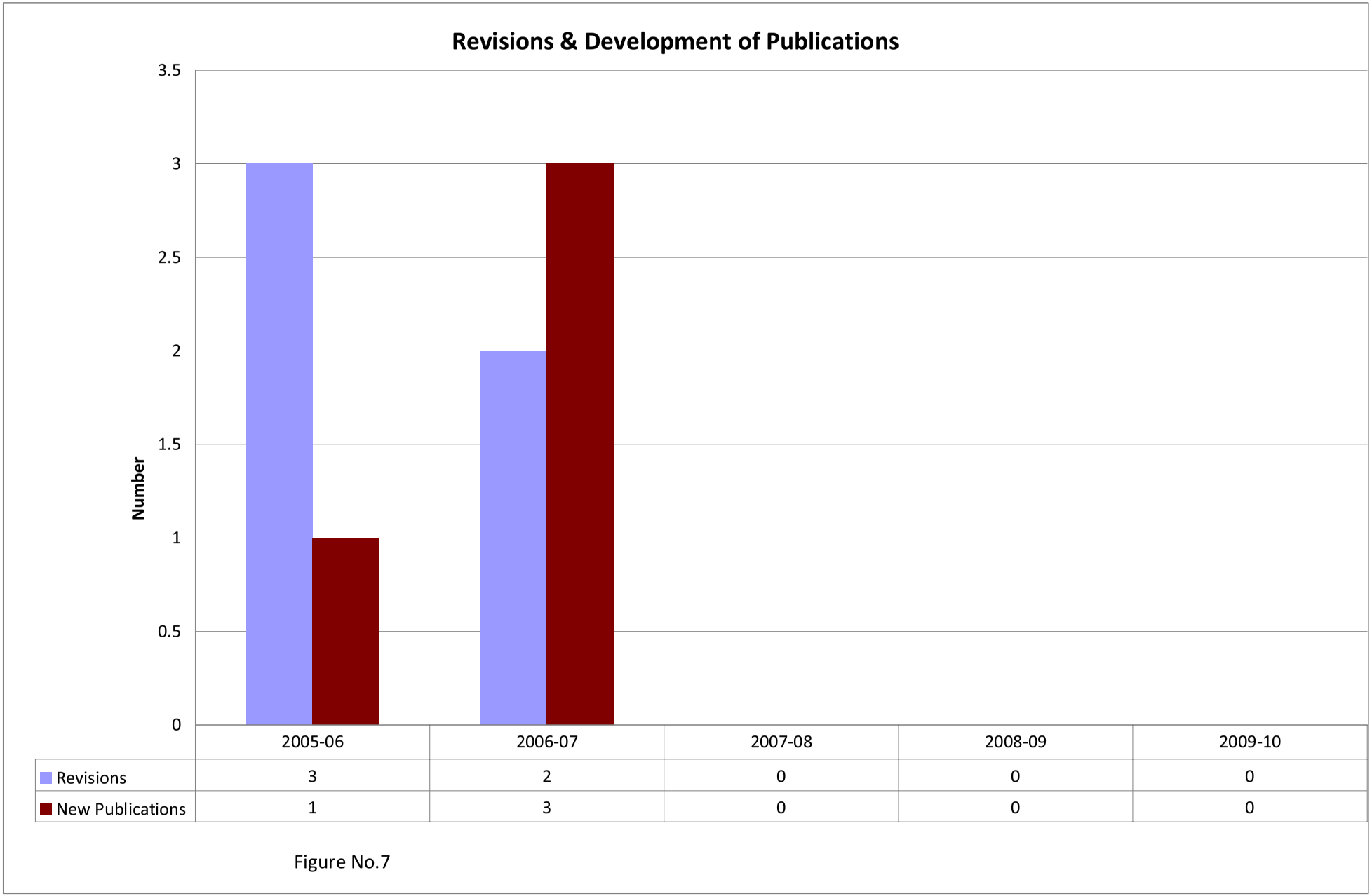
	2005-06	2006-07	2007-08	2008-09	2009-10
Av. Rating for LTC	3.85	4.06	4.23	3.99	3.99
Av. Rating for STC	4.1	4.07	4.08	4.09	3.88

Figure No.5



	2005-06	2006-07	2007-08	2008-09	2009-10
Research Studies in hand	7	6	1	5	7
Research Studies completed	10	3	3	1	4

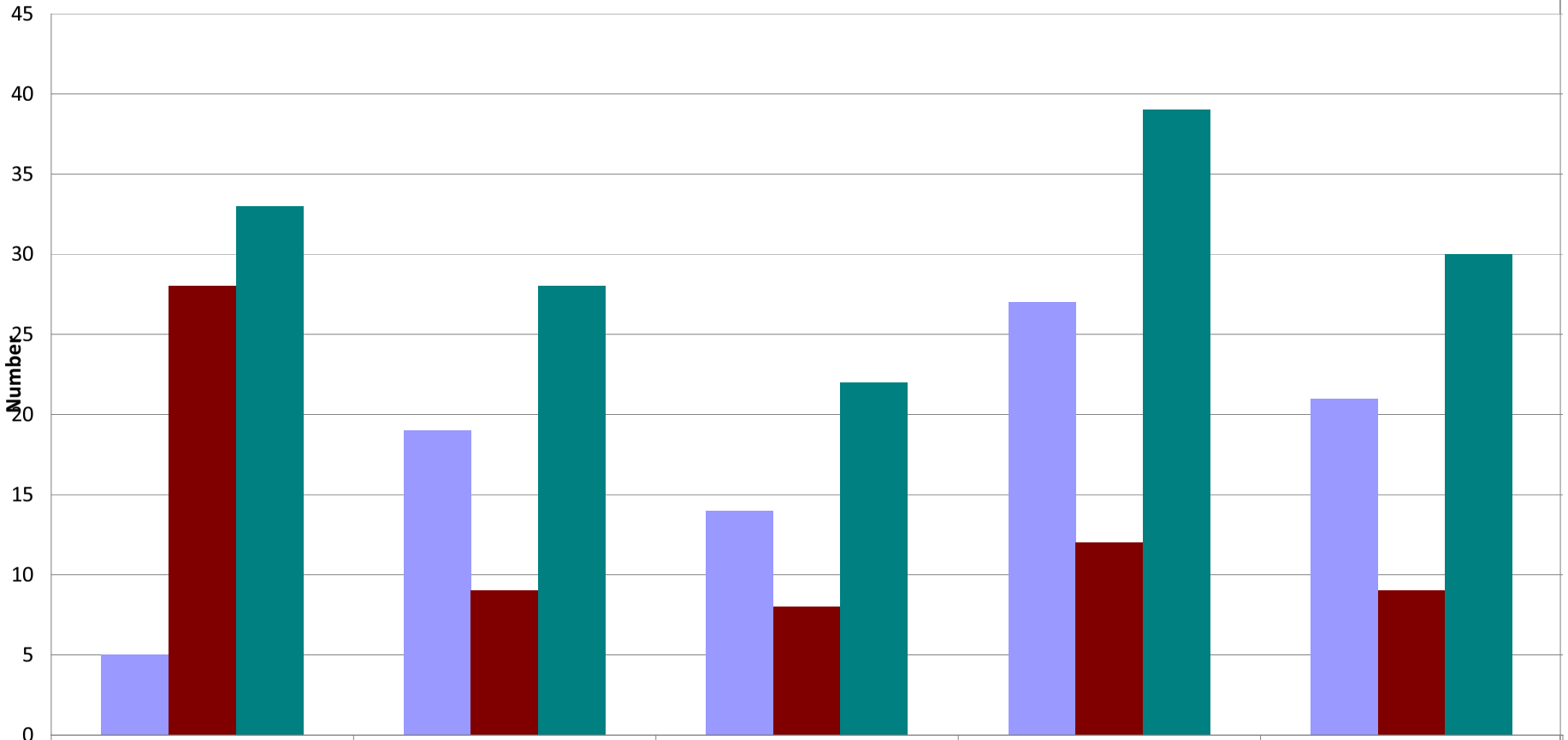
Figure No.6



	2005-06	2006-07	2007-08	2008-09	2009-10
Revisions	3	2	0	0	0
New Publications	1	3	0	0	0

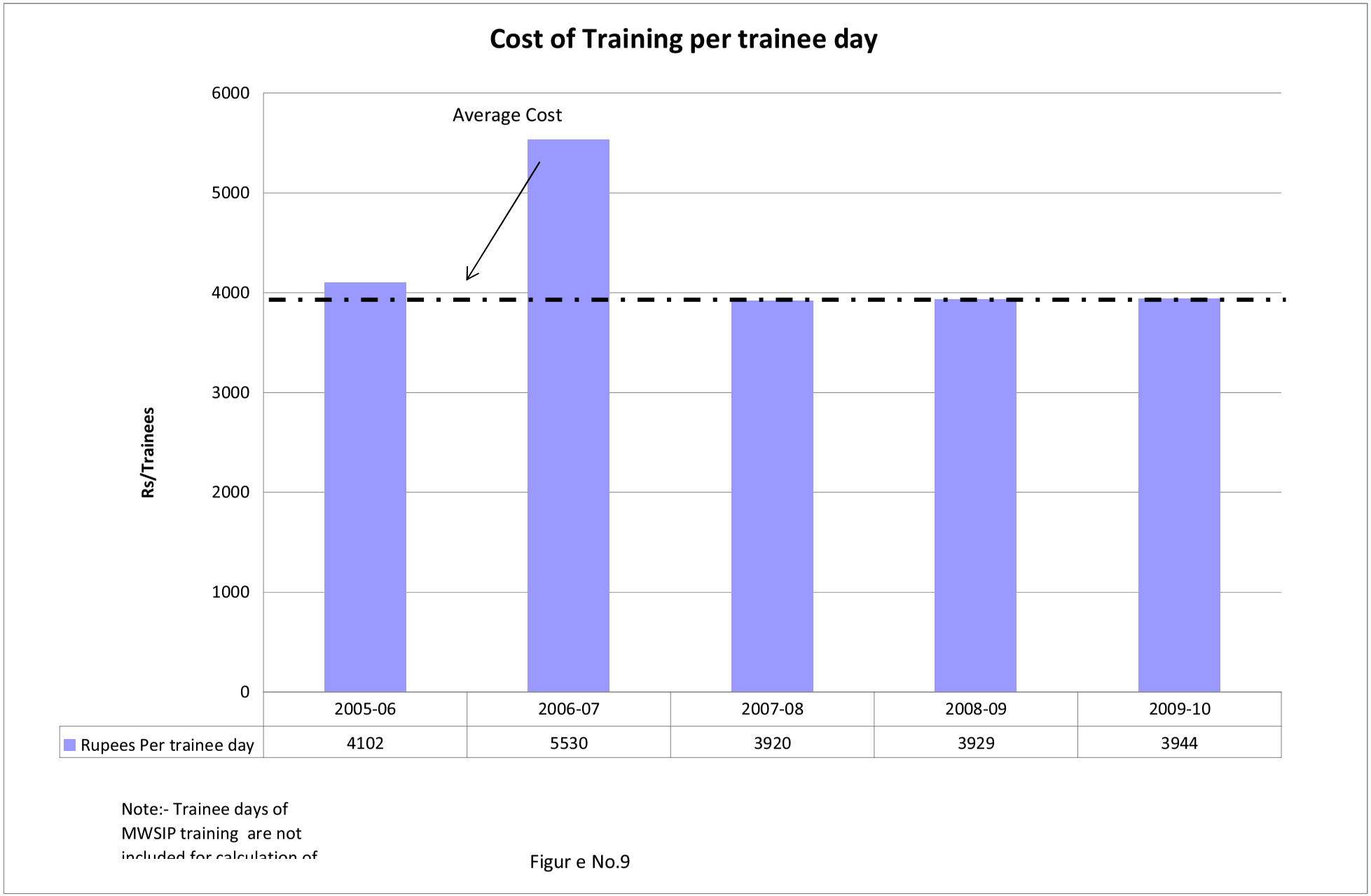
Figure No.7

Papers / Articles presented & published (State/National & International Level)



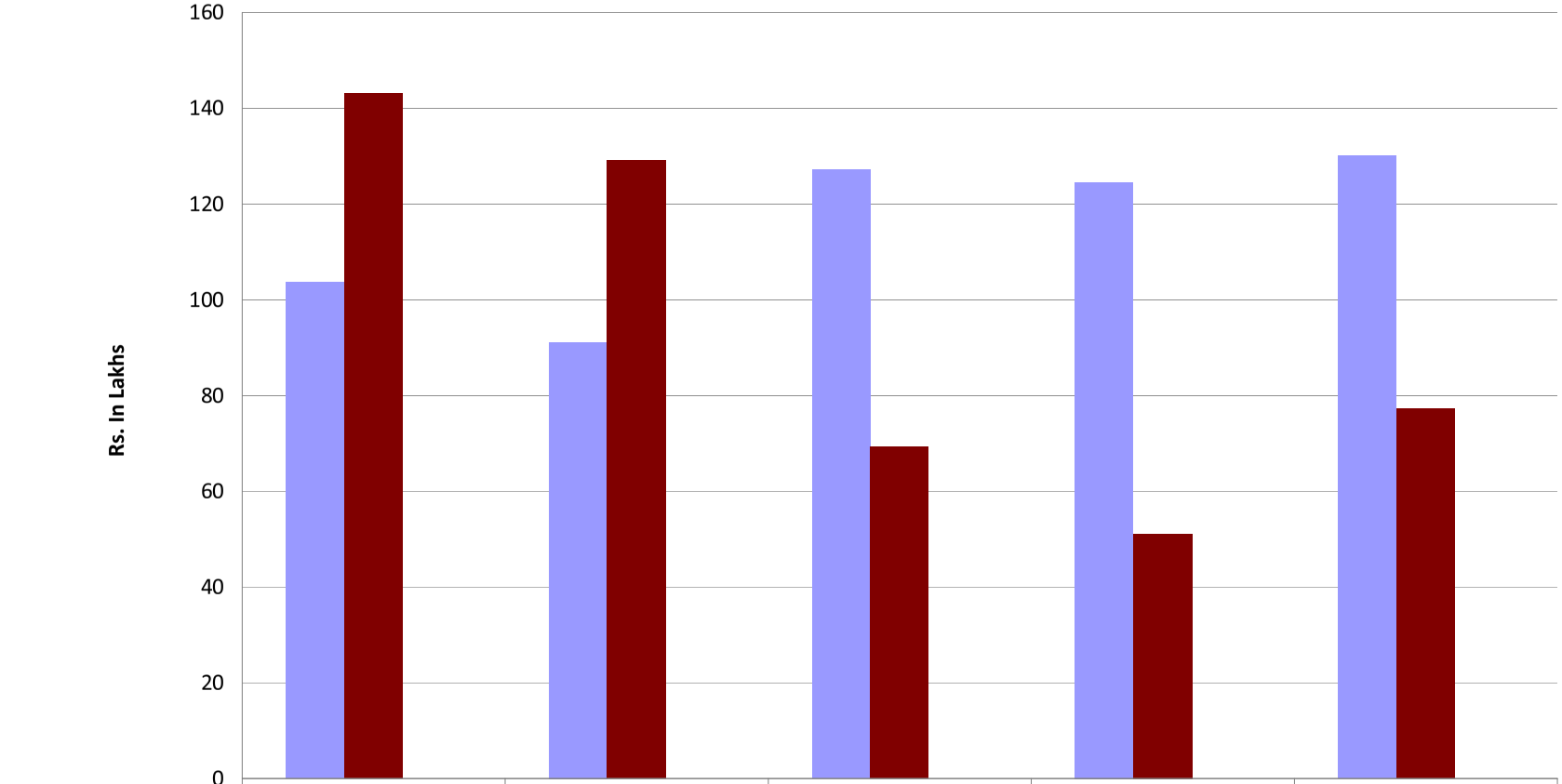
	2005-06	2006-07	2007-08	2008-09	2009-10
Papers	5	19	14	27	21
Articles	28	9	8	12	9
Total	33	28	22	39	30

Figure No.8



Note:- Trainee days of MWSIP training are not included for calculation of

Figur e No.9

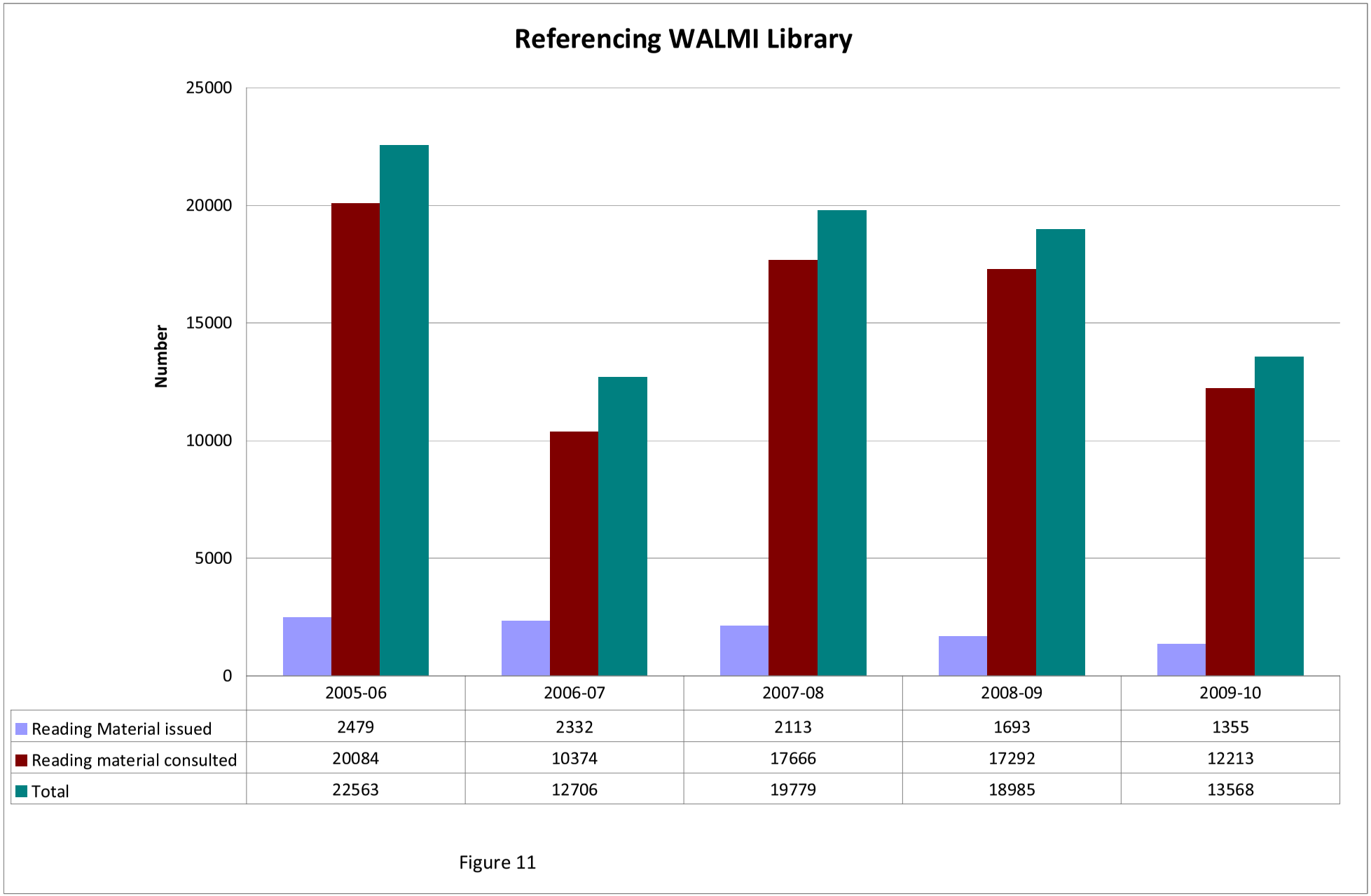


	2005-06	2006-07	2007-08	2008-09	2008-09
Estimate	103.69	91.1	127.2	124.5	130
Expenditure	143.09	129.09	69.28	51.08	77.27
Actual Disbursement					

(NA Not Available)

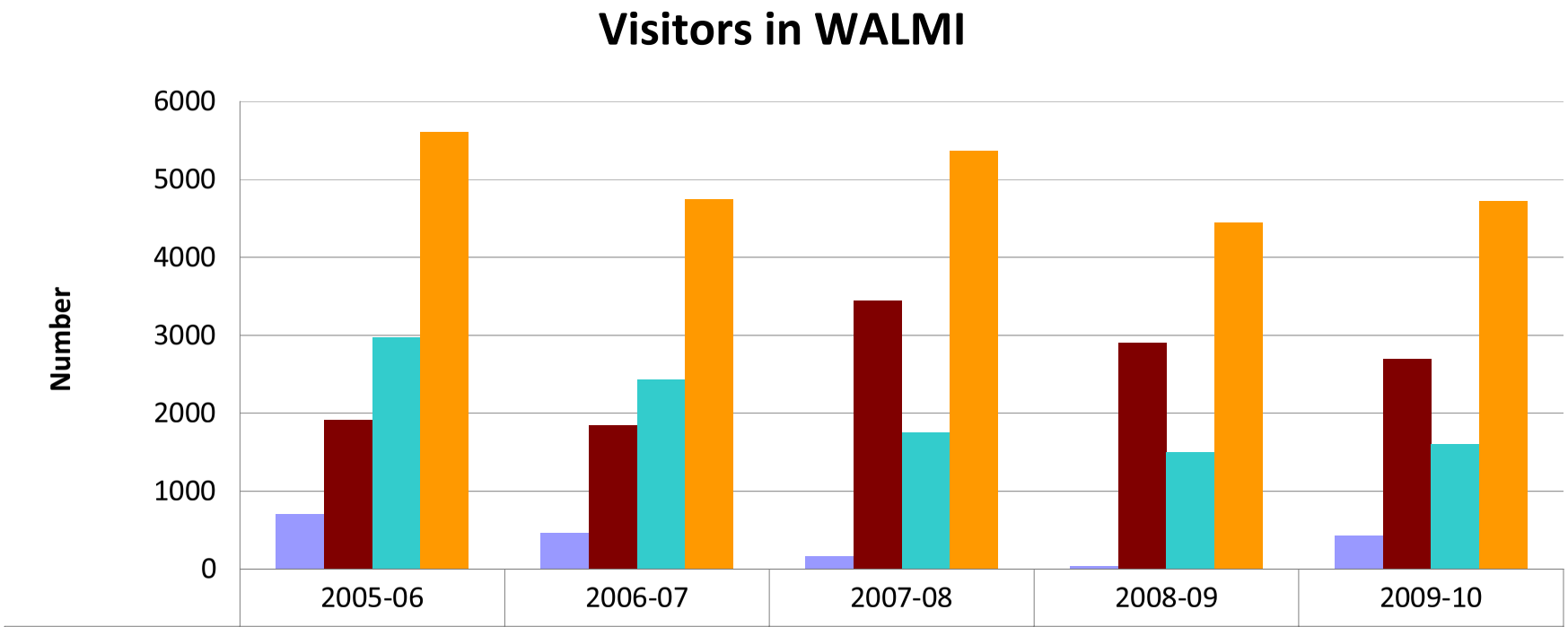
NA NA NA NA

Figure 10



	2005-06	2006-07	2007-08	2008-09	2009-10
Reading Material issued	2479	2332	2113	1693	1355
Reading material consulted	20084	10374	17666	17292	12213
Total	22563	12706	19779	18985	13568

Figure 11



	2005-06	2006-07	2007-08	2008-09	2009-10
Officers & VIPs	711	465	160	45	425
Students	1920	1845	3450	2900	2700
Farmers	2974	2430	1750	1500	1600
Total	5605	4740	5360	4445	4725

Figure 12

CHAPTER - 9
Group Farming

9.0 Introduction:

Nearly 58% land population in the State is dependent on agriculture. Due to increase in population and division of land within families, per capita holding is reducing day by day.

Use of advanced technology with more investment is not possible due to smaller holding resulting in less income. Through group farming the farmers with the co-operation amongst themselves solve the problem to some extent & united face the challenges of marketing of farm products.

9.1.0 Challenges in farming:

Low productivity, low quality of production, unawareness about qualitywise classification, marketing ever increasing investment is some of the challenges being faced by the farmers. Production of good quality crops with minimum expenses using modern techniques will help the farmers to produce more and export the agro products fetching more income. Group farming has proved to be a successful solution.

9.2.0 Perspectives:

With the use of modern techniques for agriculture production of quality produce on large area, is one way to succeed. Farmers in a group holding 500 to 1000 acres of land are required to make this a success.

Cropping pattern (single or multiple) should be decided considering agro climate conditions of the area. Cotton can be a best option as majority of the farmers of Maharashtra are growing cotton, particularly in Vidharbh and Marthawada. Growing vegetables is another option.

Cooling, packing, transportation are prerequisites for export of agro products which can be fulfilled through co-operatives.

9.3.0 Objectives:

The objectives can be enlisted as follows:

i) Forming groups of small land holders

ii) Adoption of single cropping pattern in 10-15 km peripheral area.

iii) Use of modern irrigation methods

iv) Enhance production of quality produce using advance technology.

v) Group marketing through co-operation

vi) Bringing more area under crops by use of modern irrigation method with available water resources.

vii) Storage, conservation & use of available water in groups.

9.4.0 Other activities:

i) Construction of weirs on nallas

ii) Spreading silt from irrigation tanks

iii) Use of mulching

iv) Use of powders to reduce evaporation

v) Recharging of wells

vi) Form ponds

vii) Use of MIM

viii) Use of shed nets

One very successful experiment of group farming named as “Agro India Gat Sheti Sangh“ in Akoladeo area of Jafrabad tahsil in Jalna district is quoted here as an example:

9.5.0 Conclusions:

From adjoining table, it can be seen that the production of cotton has increased from 7 quintals to 16 quintals, in a period of five years. Green chilly from 60 quintals to 85 quintals. Sugarcane from 25 to 40 tones, pulses from 6 to 12 quintals, maize from 15 to 32, Soya been from 8 to 12 quintals.

This experiment, if held in all areas of farmers where land holding is very less, will prove boost to agricultural production of Maharashtra.

Village wise, group wise, crop wise production per acre area and increase in productivity for last five years is shown in the statement attached.

Agro India Horticultural Production Group Farming Akola Dev
Details of Production

Area- Acres, Productivity- Quintals

Sr. No	Taluka	Village/No. of Members	Crop	Avg productivity prior to Group farming	Productivity of Group Farm														
					2005			2006			2007			2008			2009		
					Area	Avg Productivity	Highest Production	Area	Avg Productivity	Highest Production	Area	Avg Productivity	Highest Production	Area	Avg Productivity	Highest Production	Area	Avg Productivity	Highest Production
1	Japhrabad	Akola Dev 89 Farmers	Cotton	7	400	10	15	300	10	16	250	12	18	250	18	22	200	16	24
			Chillies	60	60	65	80	60	70	90	40	80	90	30	85	100	-	-	-
			Sugarcane	250	205	300	450	85	350	450	60	400	700	30	550	700	30	400	600
			Sweet Orange	-	60	-	-	230	-	-	250	-	-	250	2	3	250	-	-
			Onion Seed	3	60	4	5	60	4	6	100	5	6	100	5	7	30	-	-
2	Japhrabad	Devle Gavan 52 Farmers	Cotton	7	-	-	-	-	-	-	500	10	15	400	12	23	300	16	28
			Pomegranates	-	-	-	-	-	-	-	5	-	-	20	-	-	35	-	-
			Pigeon Pea	4	-	-	-	-	-	-	10	6	10	20	7	10	20	12	15
3	Japhrabad	Nimkheda 30 Farmers	Cotton	6	100	3	12	120	10	15	100	12	15	110	13	16	100	13	20
			Pomegranates	-	10	-	-	10	-	-	15	-	-	20	-	-	40	-	-
			Sweet Orange	-	20	-	-	35	-	-	35	-	-	45	-	-	45	-	-
			Maize	15	50	15	18	55	22	28	50	24	30	60	30	40	60	32	38
4	Japhrabad	Javkheda Theng 20 Farmers	Cotton	8	90	10	12	70	10	15	65	12	16	50	14	18	50	14	24
			Sweet Orange	-	15	-	-	15	-	-	15	-	-	15	2	3	15	-	-
			Pomegranates	-	11	-	-	11	-	-	11	-	-	11	-	-	20	-	-
			Maize	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Japhrabad	Nalvihara 12 Farmers	Cotton	8	35	10	15	30	10	14	35	12	18	30	13	18	40	12	24
			Pomegranates	-	-	-	-	-	-	-	6	-	-	6	-	-	6	-	-
			Mango (Kesar)	-	-	-	-	-	-	-	8	-	-	8	1	1.25	8	1	-
6	Japhrabad	Burud (Bk) 30 Farmers	Soybean	7	50	8	12	40	10	14	50	12	16	50	8	12	60	12	16
			Gram	4	20	6	8	15	5	8	20	7.5	12	15	7.5	15	20	-	-
7	Japhrabad	Bharadkheda 10 Farmers	Cotton	6	30	6	8	30	6	8	35	8	12	30	10	15	25	12	18
			Pomegranates	-	-	-	-	-	-	-	-	-	-	10	-	-	10	-	-
8	Japhrabad	Merkheda 40 Farmers	Cotton	7	80	8	10	70	8	12	60	10	15	50	12	16	50	10	20
			Soybean	6	30	6	8	20	7	9	30	8	10	20	7	10	30	10	13
9	Bhokardan	Khamkheda 12 Farmers	Cotton	6	-	-	-	-	-	-	-	-	-	20	15	18	30	15	20
			Pomegranates	-	-	-	-	-	-	-	-	-	-	5	-	-	5	-	-
			Pigeon Pea	4	-	-	-	-	-	-	-	-	-	20	8	10	25	10	14
10	Badnapur	Gadwadi Badnapur 13 Farmers	Cotton	7	-	-	-	-	-	-	-	-	-	-	-	-	20	10	15
			Pomegranates	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
11	Badnapur	Chikhali Dabhadi 13 Farmers	Cotton	6	-	-	-	-	-	-	-	-	-	-	-	-	20	10	15
			Pomegranates	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-
			Sweet Orange	4	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-

Chapter - 10

Waghad Agricultural Producer Company

A Journey from Irrigation to Agribusiness

Background:

Waghad project located in Nashik district of the State was commissioned in 1981. The project's cultivable command area is 9642 ha and irrigable command area is 6750 ha. Only one third irrigation potential was utilized till 1990, 3 WUA were formed in 1991 and irrigation potential utilization improved over the period of time. Now there are 24 WUA established on Waghad Irrigation Project. These 24 WUA formed an apex organization called Waghad Project Level Water Users Association (PLWUA). Irrigation management of the entire project is transferred to PLWUA in 2005. Waghad Project is the 1st project in the country where management of irrigation water is done by farmers' organisation.

WUA have been working since last 15 years & project level association (PLA) of WUA is working well from last 5 years, utilizing almost 100% irrigation potential created. The WUA and farmers have been Innovative in improving crop productivity by adopting new technology and crop diversification from time to time. Now Grape cultivation has risen to 4100 Ha and Vegetable 1200 Ha, which has resulted in increasing income of farmers. The farmers are not only selling their produce in local market, but also exporting to Europe, Gulf & other foreign countries.

Necessity for formation of producer company

In an attempt to commercialise irrigated agriculture, producer company model is appropriate & innovative initiative supported by company Act. In era of globalisation, participation limited to water management may not make WUA sustainable. It is time to go beyond water management & to venture upon agribusinesses. Initial attempt of doing agribusiness at WUA level does not yield good result, but producer company model can do agribusiness in professional way as it is backed by proven company Act.

After various discussions with the farmers & PLA, Waghad Agricultural Producer Company (WAPCO) was registered in September 2009.

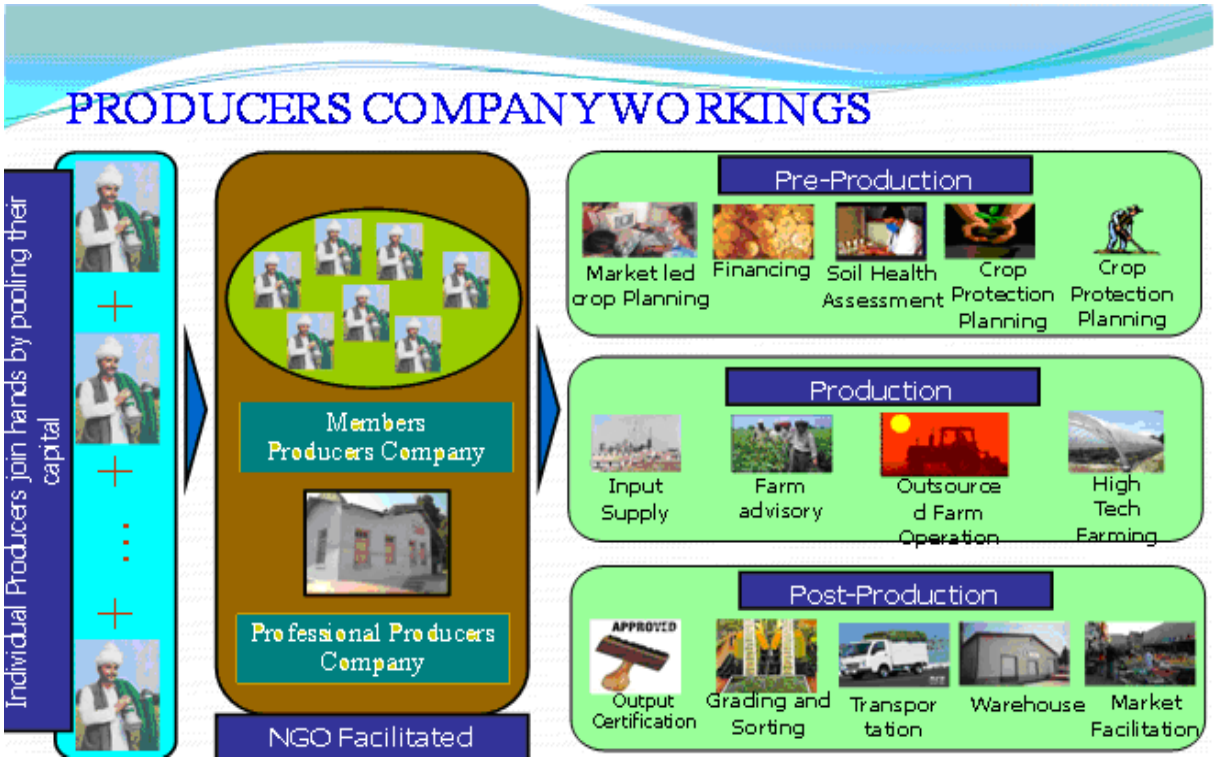
Basic objectives of producer companies

1) Establishing Direct Linkage between Consumer & Farmer
2) Establish an assured market & price for the crop
3) Increasing Productivity & Production of farmers
4) Production & Supply as per market Demands
5) Bring about changes in the conventional farming techniques & upgrade to new innovative methods for optimum utilisation of resources

Experience at WAPCO

- Initially Grape trading was done by WAPCO. Around 4 tonnes of grapes worth Rs. 1.5 Lac were supplied to Khet-Se Agriproduce India Pvt. Ltd.

- Later the Grape trading picked up and supplies to local exporters in Ahmedabad and other domestic traders was started. Nearly 300 Tonnes of grapes were sold & the total transaction was worth Rs 76 Lac.
- Consignments of Vegetables were supplied to *Mandi on Wheels,* Surat based private firm.
- Input of 15 Tonnes was procured from Agriculture Department costing 1.6 Lac.
- All the transactions are done by the company through Banks
- Capacity building & training of Directors and floriculture farmers in the command of Waghad was carried out.
- No financial support from Government is taken so far.
- Supports from various agencies i.e. Tata Chemicals Limited, Agriculture Dept being received.



Appendix-I

Abstract of guidelines issued by GOM for Benchmarking of Irrigation Projects

Government of Maharashtra, Water Resources Department vide Letter No. CDA 1004/(369/2004) CAD (works) dated 08.11.2004 issued guidelines while preparing Benchmarking report for the year 2003-04. Subsequently, additional instructions for the year 2004-05 were issued vide letter No. CDA 1004/ (369/2004) CAD – works dated 2.9.2005. Following procedure is adopted for preparation of benchmarking report (2009-10) based on guidelines.

1) Benchmarking is taken in hand after validation of data and linking it with water audit data and data submitted to Government for Irrigation Status Report 2009-10.

2) All Projects included in report for 2008-09 are considered for 2009-10. Additional projects of major, medium &minor having 5 year data is considered for 2009-10

3) Indicators No. IX Man days for O & M per unit area is deleted as per suggestion of core group.

4) In equity performance the head, middle and tail reaches are decided dividing the command area in to three equal parts.

5) Potential Utilised and Created is linked with availability of water. Effective potential of each project is decided based on availability of water for irrigation during the year.

6) Agricultural output is calculated at 1998-99 prices.

The five year average values from 2004-05 to 2008-09 and values for 2008-09 are considered for comparison, for all the indicators. Absurd (nil or very high values) are not considered while calculating the average.

Revenue means the actual recovery from Irrigation, non-irrigation water cess, fishery, galper, tourism etc.

Appendix-II

State target values for indicators 2009-10

Fixing Target Values:

The State targets set for indicators mentioned in Chapter IV were introduced from the year 2002-03 and are decided based on studies and past performance. It is obvious that project size, available water storage in reservoir and agro-climatic, geographical, social conditions are different for different regions. Therefore, there will be difference in performance of irrigation projects but to improve overall State performance and for simplicity, single target for each indicator for the State is defined. Performance of projects in a circle against each indicator is collective performance.

In 2003-04, the values of some of the indicators are revised and for financial indicator of output per unit irrigated area and output per unit irrigation water supply, fixed prices of 1998-99 are considered to obviate effect of price rise. Also, for better monitoring and looking to the number of projects, the analysis is carried out considering irrigation circle as a unit and projects therein within similar plan groups of sub-basins.

The State target values set for Indicator I, III & IV are different; for different categories of the projects viz. (a) major & medium, (b) minor. For other Indicators, the targets are uniform for all types of projects.

I) Annual Irrigation Water Supply per Unit- Irrigated Area:

Irrigation system performance in Rabi and Hot weather season is 150 ha/Mm^3 and 110 ha/Mm^3 respectively. As there are Rabi and Hot weather crops in most of the major and medium project, average Irrigation system performance is (150 +110)/2=130 ha/Mm^3

Thus the water requirement per unit area = 1000000/130 = 7692 m^3/ ha.

In case of minor project as there are no crops irrigated in Hot weather the water requirement per unit area = 1000000/150 = 6666.67 m^3 / ha. Say 6667 m^3 / ha.

Hence in broad sense the water requirement per unit area works out to 7692 m^3 per ha. in case of major and medium projects and 6667 m^3 per ha. in case of minor projects.

II) Potential Created and utilized:

Utilization of created potential depends upon availability of water for irrigation. This availability further depends upon available yield & extent of Non Irrigation uses. Therefore, percentage of water available in the reservoir that can be used for irrigation should be the target for the project. The availability of water in different reservoirs is taken from water audit data for the year 2008-09.

III) Output per unit area:

The target is decided based on five years experience in 2004-05. The same targets are used for 2008-09.

The category wise values for different plan groups are as follows.

Plan group	Major	Medium	Minor
Highly deficit	21000	23000	16000
Deficit	23000	25000	21000
Normal	26000	25000	21000
Surplus	25000	31000	27000
Abundant	32000	40000	36000

IV) Output per unit Water Supply:

Plan group	Major	Medium	Minor
Highly deficit	2.69	2.80	2.40
Deficit	2.99	3.15	3.15
Normal	3.38	3.15	3.15
Surplus	3.25	4.05	4.05
Abundant	4.16	5.40	5.40

V) Cost Recovery Ratio:

Target is same for all categories and it is 1.

VI) Total O & M Cost Per Unit Area:

Total O & M cost includes maintenance cost as well as operation cost of the irrigation system. M & R charges are considered as per Govt. norms and establishment charges are taken for staff working in a section office for irrigation water management.

	Major	Medium	Minor
M & R	200	150	100
Establishment charges	1050	1050	1050
Total	1250	1200	1150

VII) Total O & M Cost Per Unit Water Supplied:

Total O & M cost per unit water supplied for irrigation and non-irrigation use is considered as follows.

Major	Medium	Minor
(1250/7692) 0.16	(1200/7692) 0.16	(1150/6667) 0.17

VIII) Revenue Per Unit of Water Supplied:

The targets are fixed 10 percent more than O & M cost per unit of water supplied.

Major	Medium	Minor
0.18	0.18	0.19

The State targets for Revenue per unit of water supplied for irrigation is kept as Rs. 0.18/m^3, however, for NI use the target is Rs. 0.9/ m^3 as charges of NI use are higher than irrigation use.

IX) Mandays For O & M Per Unit Area:

The Indicator is deleted.

X) Land Damage Index:

There is no target for this indicator. However, the percentage of land damaged to total ICA of the project should be minimum for all the projects.

XI) Equity Performance (head, middle and tail)

The head, middle and tail reaches is decided based on dividing the command in to 3 equal parts.

XII-I) Assessment Recovery Ratio (Irrigation)

State target is 1

XII-NI) Assessment Recovery Ratio (Non-Irrigation)

State target is 1

Appendix-III

Indicator wise average performance calculations

Indicator	Assumptions
Indicator – I:	Zero value and values exceeding 3 times the State target are excluded.
Indicator – I a:	–do-
Indicator – II:	Zero value is excluded and values exceeding State target are considered as 1.
Indicator – III:	Values exceeding twice the State target are excluded**.**
Indicator – IV:	–do-
Indicator – V:	Zero value is excluded and values exceeding State target are considered as 1.
Indicator – VI:	Zero value and values less than 50% of the State target are excluded.
Indicator – VII:	–do-
Indicator – VIII:	Zero value and values exceeding twice the State target are excluded.
Indicator –X:	Actual figures are taken in to account
Indicator – XII (I):	. –do-
Indicator – XII (NI):	–do-

Appendix-IV

Overview of Projects selected for Benchmarking (Major Projects)

Plan Group /SB No	Circle/ Project	Avg. Annual Rainfall mm	Designed			Year of Commence ment of Irrigation	Culturable Command Area Ha	Irrigable command area Ha	No. of villages in benefit zone	Avg. farm size Ha	Main crops	Area covered under WUA Ha	
			Live Storage Mm^3	Water use for Irrigation Mm^3	Water use for Non irrigation Mm^3							Proposed	Handed over
1	2	3	4	5	6	7	8	9	11	12	13	14	15
Highly deficit													
	CADA Solapur												
18AA	Bhima	500	1517.20	1444.70	116.43	1977	198035	182683	384	1 to 2.5	Sorghum, Wheat, Groundnut, Sugarcane	119609	27309
Deficit													
	AIC Akola												
10	Katepurna	950	86.35	49.45	32.65	1972	11187	8325	30	1.5 to 2	Wheat, Peas, Cotton, Sunflower.	11187	7166
10	Nalganga	737	69.32	53.21	6.51	1963	9165	8604	31	1 to 2	Gram, Wheat, Cotton	9165	7493
	CADA Aurangabad												
2	Jayakwadi (PLBC)	755	2171.00	1064.96	329.04	1975-76	183560	141640	355	1.5 to 2	Cottton, Wheat, Sorghum, Sunflower	118070	47482
	CADA Beed												
2	Jayakwadi (PRBC)	700	2171.00	331.39	29.68	1976-77	53910	41682	99	1.57	Cotton,Wheat,Sorghum, Sugarcane		
2	Majalgaon	840	312.00	680.28	46.88	1989-90	64295	54737	132	1 to 2	Wheat, Sorghum, Cotton, Sugarcane	21929	10597
4	Manjra	685	173.32	185.64	85.67	1980-81	23690	18223	80	2.03	-do-	5147	3259
4	Lower Terna	710	113.95	62.50	21.05	1997-98	14513	11610	63	1 to 1.5	Sorghum, Wheat, Sunflower, Groundnut, Gram	ND	
	CADA Jalgaon												
11	Girna	743	525.06	549.66	0	1962-63	79293	69350	195	3	Sugarcane, Banana, Cotton, Wheat, Sorghum	15936	116
	CADA Nashik												
11	Chankapur	1067	76.85	146.59	0	1973	19173	14042	48	0.5	Bajri, Two seasonals, Paddy, Sorghum, Groundnut, Wheat, Gram	1861	0

1	2	3	4	5	6	7	8	9	11	12	13	14	15
	NIC Nanded												
2	Vishnupuri	910	80.79	275.18	54.37	1990	37785	28340	46	2.06	-do-	1069	0
3	Purna	685	890.22	732.33	68.67	1968-69	78485	57988	232	1 to 2	Cottton, Wheat, Sorghum	24459	4486
4	Manar	850	138.21	198.06	5.94	1968	27745	23310	96	1.55	Wheat, Gram, Sugarcane, Cotton, Groundnut, Sorghum	4523	4523
	BIPC Buldhana												
10	Wan	891	81.96	78.57	20.08	1998-99	22525	15100	54	1.5	-do-	22525	11675
Normal													
	YIC Yavatmal												
6	Arunawati	913	169.92	121.65	15.62	1995	24135	20515	73	2 to 3	Cotton, Wheat, Sugarcane	24135	366
	AIC Akola												
6	Pus	945	91.26	100.35	19.06	1972	13678	8215	40	1.5 to 3	Sugarcane, Sorghum, Wheat, Gram, Cotton, Groundnut.	11814	0
	CADA Jalgaon												
13	Hatnur	743	255.00	500.12	90.53	1983	47360	37838	82	1.2	Sugarcane, Banana, Groundnut	7282	0
	CADA Nashik												
1	Bhandardara	3175	304.10	419.00	0	1926	63740	23077	110	4 to 5	Sorghum, Wheat, Grass, Maize, Sunflower, Sugarcane	9300	705
1	Mula	500	608.92	540.27	87.90	1972	138792	82920	160	4 to 5	.	91719	28668
1	Ozerkhed	746	60.32	31.59	2.19	1985	14856	10400	35	0.8	Wheat, Sorghum, Gram	7849	2143
1	Palkhed	661	21.40	82.90	46.85	1976	60704	43154	144	0.8	Gram, Sorghum	50345	14144
1	Waghad	964	72.20	36.53	3.50	1981	9642	6750	23	0.6	Paddy, Onion, Vegetables, Groundnut, Bajri, Wheat, Gram, Sorghum	9557	9429
1	Darna	550	202.43	135.73	66.67	1918	88822	33170	146	2	Sugarcane, Sorghum, Bajri, Wheat, Gram, Fruits	7906	6691
1	Gangapur	500	159.42	86.78	117.07	1954	21900	15960	92	1.3	-do-	3239	1834
1	Kadwa	533	52.91	61.96	8.46	1997	15523	10117	42	0.47	-do-	465	345

1	2	3	4	5	6	7	8	9	11	12	13	14	15
	CADA Pune												
17	Kukadi (Complex)	790	864.39	951.29	0	1978	224699	156278	269	0.8 to 1	Wheat, Sorghum, Bajri, Vegetables, Sugarcane, Groundnut, Gram	57358	29369
17	Ghod	515	154.80	202.86	2.54	1965	41460	20500	54	1	Sugarcane, Sorghum, Bajri, Wheat, Grain	12155	301
	CIPC Chandrapur												
7	Bor	1327	127.42	109.29	6.35	1967	24055	13360	77	1.5 to 2	Cotton, Wheat	18169	10761
	NIC Nagpur												
7	Lower Wunna	1330	189.18	148.00	29	1991	21591	19500	109	2.5	Cotton, Wheat, Gram, Soybean, Sugarcane	17325	413
	NIC Nanded												
6	Upper Penganga	825	964.09	782.69	15.16	1984-85	139438	125495	356	1 to 2	Cottton, Wheat, Sorghum,	23589	7355
	PIC Pune												
17	Khadakwasla (Complex)	911	808.65	602.55	204	1970	83302	62146	96	0.5 to 5	Sorghum, Bajri, Maize, Wheat, Sugarcane	83302	3180
17	Pawana	2210	241.11	96.50	168.32	1975	7468	6365	30	0.5 to 2.5	Paddy, Sorghum, Bajri, Maize, Wheat, Sugarcane	ND	
18	Bhatghar Dam N.L.B.C.	1953	666.00	386.58	33.92	1893	68767	60656	87	1 to 2	Sorghum, Wheat, Bajri, Sugarcane	68767	1252
18	N.R.B.C. (Veer Dam)	1067	266.44	860.99	0	1938	181266	65506	214	1.7	Sugarcane, Sorghum, Bajri, Wheat, Other Perenials	181266	390
	UWPC Amravati												
7	Upper Wardha	840	548.14	302.78	99.72	1994-95	83300	75000	279	1.5	Cotton, Wheat, Hy. Jowar, Chilli, Groundnut	83300	340
Surplus													
	CADA Nagpur												
8	Bagh (Complex)	1325	268.96	214.44	0	1971	0	0	0	1 to 2	-do-	29703	3511
8	Pench	1138	1374.00	689.00	243	1976	126913	101200	407	1 to 2	Paddy, Cotton, Chilly, Wheat, Gram, Sunflower, Soybean	126913	11180
8	Itiadoh	1336	318.86	412.04	0	1971	22752	17500	100	1 to 2	Paddy	22752	2123

1	2	3	4	5	6	7	8	9	11	12	13	14	15
Abundant													
	CADA Pune												
15	Krishna	872	602.73	602.73	0	1978-85	81400	74000	146	1 to 2	Sugarcane, Sorghum, Wheat, Gram	30058	8243
	CIPC Chandrapur												
9	Asolamendha	1147	56.38	52.00	0	1918	37945	9919	67	1.5 to 2	Paddy	10317	0
9	Dina	1315	67.54	55.94	0	1974	12494	7826	66	1.5 to 2	-do-	12494	0
	SIC Sangli												
15	Radhanagari	3638	219.97	203.87	24.35	1955	35422	26560	91	0.5 to 1.5	Sugercane, Paddy, Wheat, Vegetables	47288	366
15	Tulashi	1870	91.92	91.92	42.50	1978	5711	4720	23	0.5 to 2	-do-	4495	0
15	Warna	2092	779.35	578.05	6.46	1986-87	123463	96919	332	0.8	-do-	148972	0
15	Dudhganga	2636	679.11	622.11	57	1993-94	46976	38388	125	1 to 2	Sugarcane, Paddy, Wheat	61032	2000
	TIC Thane												
21	Surya	2286	285.31	145.42	31.06	1981-82	30547	14696	64	0.25	Paddy	400	0
21	Bhatsa	2589	942.10	511.86	389.03	1985-86	29378	23000	149	0.39	-do-	ND	
22	Kal-Amba	3020	528.13	156.41	54.70	1973-74	9558	7965	127	0.20	-do-	351	0
	ND= No Data												

Overview of Projects selected for Benchmarking (Medium Projects)														
Plan group/ SB No	Circle/ Project	Avg. Annual Rainfall (mm)	Designed Live Storage (Mm^3)	Designed Water use for Irrigation use (Mm^3)	Designed Water use for Non irrigation (Mm^3)	Year of Commencement of Irrigation	Culturable Command Area (ha)	Irrigable command area (ha)	Total No. of farmers	No. of villages in benefit zone	Avg. farm size (ha)	Main crops	Area covered under WUA (ha)	
													Proposed	Handed over
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16
Highly Deficit														
	CADA Beed													
19	Banganga	685	4.96	6.35	0.59	1975	964	906	545	5.00	1 to 3	Groundnut, Sorghum, Sunflower, Wheat	540	0
19	Chandani	770	21.58	20.59	3.11	1966	2891	2024	1716	10.00	2 to 3	Sorghum, Sunflower, Wheat, Pulses	300	0
19	Jakapur	770	7.96	7.43	0.00	1979	1600	1584	1500	4.00	2 to 3	-do-	No Data	No Data
19	Kada	589	8.56	8.38	0.18	1970	1804	1214	1407	5.00	1 to 1.5	Soghum, Wheat, Groundnut, Sugarcane, Maize, Sunflower	No Data	No Data
19	Kadi	589	5.47	5.47	0.00	1965	1190	1084	578	4.00	0.5 to 4	Soghum, Wheat, Groundnut, Sugarcane, Sunflower	No Data	No Data
19	Kambli	589	3.1	3.10	0.00	1958	1047	972	1013	5.00	1 to 1.5	Soghum, Wheat, Groundnut, Sugarcane, Maize, Sunflower	No Data	No Data
19	Khasapur	770	13.04	13.30	2.55	1954	3575	2146	1372	15.00	2 to 3	-do-	No Data	No Data
19	Khendeshwar	685	8.78	11.28	0.00	1981	1710	1471	810	10.00	1 to 3	Groundnut, Sorghum, Sunflower, Wheat	No Data	No Data
19	Khandala	770	5.24	5.24	0.00	1974	1328	830	1300	2.00	2 to 3	-do-	296	0
19	Kurnoor	770	32.28	32.18	4.81	1968	6414	3644	4331	9.00	2 to 3	Groundnut, Sugarcane, Sorghum, Sunflower, Wheat	628	270
19	Mehakari	589	12.98	12.98	0.00	1966	5007	4048	2780	8.00	1 to 1.5	Soghum, Wheat, Groundnut, Sugarcane, Maize, Sunflower	617	0
19	Ramganga	685	5.34	6.50	0.00	1977	1017	963	585	7.00	1 to 3	Groundnut, Sorghum, Sunflower, Wheat	1017	
19	Rooty	589	6.57	6.09	0.48	1938	1943	1862	1059	5.00	1 to 1.5	Sorghum, Wheat, Vegetables, Sugarcane	No Data	No Data
19	Sakat	770	13.48	15.17	0.00	1994	3140	2355	923	9.00	2 to 3	-do-	697	0
19	Talwar	589	3.23	3.23	0.00	1960	760	668	530	4.00	0.5 to 1.5	Soghum, Wheat, Groundnut, Sugarcane, Maize, Sunflower	No Data	No Data
19	Turori	770	6.2	5.73	1.70	1984	900	830	900	8.00	2 to 3	-do-	No Data	No Data
	CADA Solapur													
19A	Mangi	500	30.40	27.50	0	1966	4000	3117	1577	21	0.5 to 4	Sorghum, Groundnut. Sugarcane, Maize, Sunflower	931	
19	Ekrukh	500	61.15	43.21	15.95	1871	6858	2610	2000	11	1 to 1.5	Sorghum, Wheat, Vegetables, Sugarcane	No Data	No Data
18 AA	Buddhihal	500	27.95	15.08	0.00	1966	5448	4251	1883	8	0.5 to 1.5	Sorghum, Wheat, Groundnut, Sugarcane, Maize, Sunflower	5444	0
19	Hingni (P)	500	32.00	37.83	1.68	1977	6482	5629	5000	15	1 to 1.5	-do-	5714	2228

1	2	3	4	5	6	7	8	9	11	12	13	14	15	16
19	Javalgon	500	29.18	29.37	6.15	1997	5372	5341	4500	13	1 to 1.5	-do-	4635	1245
	PIC Pune													
19	Khairy	682	13.74	17.83	0	1989	2718	2318	1150	14	2	Sorghum, Bajri, Wheat, Groundnut	2318	0
16	Nher	508	11.79	11.79	0	1886	4324	2636	3440	18	1	Bajari, Sorghum, Wheat other Non Perennial	4324	0
19	Sina	562	52.3	67.09	0.2	1984	9677	8445	9500	26	1	Sorghum, Bajri, Wheat, Maize, Kadwal	8445	0
18	Mhaswad	533	46.21	46.21	0	1881	5804	4049	2500	11	1	Sorghum, Bajri, Groundnut	5804	0
18	Ranand	538	6.42	1.83	0	1953	3886	1093	1100	6		Kadwal, Wheat, Sorghum	3886	0
18	Tisangi	508	24.46	24.46	0	1965	5068	4049	2697	0	1	Sorghum, Bajri,	5132	0
Deficit														
	AIC Akola													
10	Dnyanganga	732	33.93	33.80	8.69	1971	4494	4249	2962	21	1.5 to 2	Wheat, Gram, Cotton	4494	158
10	Mas	696	22.04	21.48	8.09	1982	6107	4415	2900	22	2 to 3	-do-	6100	0
11	Morna	827	41.46	46.50	0.00	1972	6464	4633	2228	29	1 to 3	Wheat, Gram, Cotton, Hy.Jawar	6539	1935
11	Nirguna	812	28.85	34.50	0.00	1979	6377	5836	4574	20	1 to 2	Wheat, Gram, Cotton, Hy.Jawar, Groundnut	6377	2565
10	Paldhag	766	7.51	10.40	0.37	1978	3082	1932	1534	14	1 to 2	Wheat, Gram, Cotton	3032	563
10	Shahanur	1440	46.04	41.12	12.45	1990	9330	7466	7347	47	1.27	Cotton, Sorghum, Wheat, Gram, Orange	9330	0
10	Uma	818	11.68	10.23	0.92	1982	3007	2241	1996	21	1 to 3	Wheat, Gram, Cotton, Hy.Jawar	3007	267
	BIPC Buldhana													
10	Mun	761	36.83	45.10	0.00	1992-93	9735	7804	2782	32	2.5	Cotton, Chilly, Sunflower	9735	0
10	Torna	711	7.9	7.75	0.11	1994-95	1725	1465	753	7	2.5	-do-	1725	0
	CADA Aurangabad													
11	Ajintha Andhari	650	7.65	5.27	2.38	1984	1967	1578	500	3	3.93	-do-	294	0
3	Dhamna	677	8.51	8.34	0.15	1973	1682	1280	510	8	2.5	-do-	696	0
11	Gadadgad	840	4.64	3.97	0.67	1971	1448	1180	820	4	1.77	-do-	1449	1449
2	Galhati	598	13.84	7.08	4.34	1964	2812	2200	1200	12	1 to 2	Sorghum, Wheat, Cotton, Tur	No Data	No Data
3	Girija	762	21.25	14.66	6.57	1990	3443	3443	4447	10	0.77	-do-	2309	278
3	Jivrekha	668	6.13	6.14	0.00	1964	2589	1064	908	6	2.5	-do-	1318	0
3	Jui	647	6.03	6.22	2.00	1960	2636	2206	880	14	2.5	-do-	434	0
3	Kalyan	567	12.22	7.35	3.03	1986	2693	2020	800	9	3	-do-	850	0
3	Kalyan Girija	663	8.47	8.42	0.00	1972	1557	1377	420	9	3	Wheat, Sorghum, Sunflower	1655	0
3	Karpara	760	24.9	21.03	2.80	1974	2862	2151	1980	7	1.5	-do-	No Data	No Data
3	Khelna	650	11.07	4.74	6.33	1967	4935	2429	1210	11	4.08	-do-	590	0
3	Lahuki	688	5.31	3.72	1.59	1977	1323	1092	1384	4	0.96	-do-	484	0
2	Masoli	780	27.13	23.44	3.94	1982	3502	2591	2067	7	1.5	-do-	805	510
3	Sukhana	688	18.49	16.56	1.93	1968	3136	2511	1150	14	2.73	-do-	1735	0
	CADA Beed													
4	Devarjan	838	10.680	7.12	0.00	1997	2853	1882	920	7	2.04	Sorghum, Wheat, Gram, Sunflower	No Data	No Data
4	Gharni	716	22.460	23.78	0.00	1969	3542	2834	1347	14	2.10	Sugarcane, Groundnut, Sorghum, Cotton, Maize, Paddy, Vegetable, Wheat, Gram	3542	0

1	2	3	4	5	6	7	8	9	11	12	13	14	15	16
2	Kundlika	753	37.690	37.83	0.33	1988	3927	2964	1009	13	3.91	Sugarcane, Groundnut, Sorghum, Bajri, Cotton, Sunflower	287	287
4	Masalga	673	13.590	11.54	0.00	1996	1678	1364	790	11	1.73	Sorghum, Bajri, Cotton, Sunflower, Groundnut	1664	0
4	Raigavhvan	770	11.260	8.57	0.28	1992	2267	1700	1261	8	1.30	-do-	1370	0
4	Rui	770	8.610	5.80	1.72	1994	1893	1650	250	7	1.20	-do-	No Data	No Data
4	Sakol	850	10.950	8.40	0.00	1996	2174	2064	945	7	2.18	Sorghum, Chilli, Groundnut, Maize, Paddy, Vegetables, Wheat, Gram	No Data	No Data
4	Tavarja	744	20.340	10.98	3.92	1983	4907	3603	2105	19	1.72	Sorghum, Sunflower, Wheat	No Data	No Data
4	Terna	770	19.663	10.84	4.81	1964	1928	1652	1469	9	1.50	Sugarcane	100	0
4	Tiru	684	15.290	21.19	0.00	1978	2654	2348	1741	14	1.40	Sorghum, Chilli, Groundnut, Maize, Paddy, Vegetables, Wheat, Gram	2625	2625
4	Vhati	880	8.270	9.93	0.00	1983	1809	1760	829	7	2.15	Sorghum, Chilli, Groundnut, Maize, Paddy, Vegetables, Wheat, Gram, Fodder	1005	0
4	Wan	533	19.34	19.31	7.64	1967	7125	5262	4630	22	1.54	Sorghum, Wheat, Sunflower, Cotton, Groundnut	265	0
	CADA Jalgaon													
11	Agnawati	743	2.76	2.90	0.58	1987	960	605	375	3	0.75	-do-	480	0
13 AA	Bhokarbari	694	6.54	8.15	0.00	1993-94	1790	1205	603	5	1.5	-do-	No Data	No Data
13 AA	Bori	694	25.15	31.30	7.08	1985-76	6504	4553	2277	15	2	-do-	839	0
13 AA	Burai	500	14.21	19.23*	0.87	1984-85	2981	2760	2524	5	1	Wheat, Cotton, Gram, Bajri, Sorghum, Onion, Maize	1297	155
13 AA	Kanoli	660	8.45	10.50	0.00	1974-75	1620	1363	1500	8	1 to 2	Wheat, Cotton, Gram, Bajri, Sorghum	449	0
11	Hiwara	810	9.6	12.30	0.00	1997	2923	2231	608	3	0.8	-do-	1580	0
11	Manyad	750	40.27	45.30	0.00	1973-74	6500	4864	4245	12	2	Sugarcane, Banana, Cotton	1908	0
13 AA	Rangavali	1055	12.89	23.05*	0.00	1983-84	5130	3134	1400	21	2 to 2.5	Sorghum, Wheat, Cotton, Vegetables	1261	0
13 AA	Tondapur	763	4.64	4.77	0.85	1998	1597	1060	712	2	0.8	-do-	380	0
	CADA Nashik													
4	G.Pargaon	685	8.5	12.36	0.00	1984	2142	1660	1792	15	3 to 4	-do-	747	0
11	Haranbari	795	33.02	47.66	0.00	1988-89	12966	9726	11150	55	0.5	Paddy, Sorghum, Groundnut, Wheat, Gram, Sugarcane	632	491
11	Kelzar	687	16.2	16.51	0.00	1988-89	5583	3394	2594	19	0.5	Bajri, Two seasonals, Paddy, Sorghum, Groundnut, Wheat, Gram	630	630
11	Nagya Sakya	528	11.24	13.72	0.00	1992.93	2400	2400	2125	11	0.5	Paddy, Sorghum, Groundnut, Wheat, Gram, Sugarcane	0	0
	NIC Nanded													
4	Karadkhed	650	11.01	11.34	6.56	1976	2510	1780	1298	11	1.93	-do-	1652	1652
2	Kudala	700	4.35	5.54	1.38	1974	676	567	428	5	1.23	-do-	No Data	No Data

1	2	3	4	5	6	7	8	9	11	12	13	14	15	16
4	Kundrala	630	10.41	12.81	4.21	1981	1265	1012	784	7	1.61	Wheat, Gram, Sugarcane, Cotton, Groundnut, Sorghum	1277	1277
4	Mahalingi	775	4.78	4.06	1.68	1980	1015	784	568	6	1.8	-do-	1449	784
4	Pethwadaj	850	9.04	13.52	1.31	1977	1970	1478	1985	13	1	-do-	No Data	No Data
Normal														
	YIC Yevatmal													
6	Adan	798	67.25	69.67	11.14	1979	10067	7804	14000	32	0.56	Cotton, Tur, Sugarcane, Groundnut	10067	0
7	Nawargaon	1067	12.47	13.28	2.71	1999	2574	2056	2680	15	0.56	-do-	2574	0
	AIC Akola													
6	Borgaon	988	6.61	10.86	0.35	1992	3028	2271	980	16	1.5 to 3	Groundnut, Cotton, Sorghum, Wheat, Gram, Pulses	3028	3028
6	Ekburji	986	11.97	9.08	0.76	1964	2625	2429	1700	11	1 to 2	Wheat, Gram	2625	0
6	Koradi	660	20.7	15.12	0.00	1981	5067	4061	4125	26	1 to 2	Cotton, Sorghum, Wheat, Groundnut	5067	127
6	Lower Pus	852	59.63	70.50	2.42	1990	7606	6600	1653	29	2 to 4	Sugarcane, Cotton, Sorghum, Wheat, Gram, Pulses, Vegetables	6740	0
6	Saikheda	1098	27.18	24.77	4.38	1972	3895	3116	1132	18	1.5 to 3	Cotton, Sorghum, Wheat, Gram, Pulses, Vegetables	3239	0
10	Sonal	860	16.92	17.95	0.00	1981	3496	2447	2347	46	1 to 2	Hy. Jawar, Sunflower, Cotton, Wheat, Gram	3293	764
	CADA Aurangabad													
1	Ambadi	650	9.42	6.92	2.50	1979	2375	2147	1050	10	2.26	-do-	1467	0
1	Dheku	600	11.53	6.55	5.60	1961	3564	2712	1725	15	2.07	-do-	580	0
1	Kolhi	600	3.23	2.63	0.60	1967	1056	472	350	4	3.02	-do-	472	0
	CADA Jalgaon													
13 A	Abhora	750	6.02	7.13	0.00	1985	1403	1115	450	2	0.8	-do-	580	0
13 A	Aner	970	59.21	79*	8.50	1976	9201	7180	3402	10	0.5	Wheat, Groundnut, Cotton	2154	0
13 A	Karvand	960	21.39	21.39	0.62	1968	7027	4534	2200	14	0.4	-do-	1899	0
13 A	Malangaon	780	11.32	15.02	0.00	1972	2674	1587	2675	15	0.5	-do-	647	0
12	Panzara	780	35.63	72.66*	0.71	1976	7328	6868	6500	25	0.8	Maize, Bajra, Wheat	1231	0
13 A	Suki	774	39.85	45.47	0.00	1985	8647	5128	1467	8	0.9	Groundnut, Pulses, Sorghum, Cotton	5124	3639
	CADA Nagpur													
7	Wunna	1100	21.64	9.49	11.55	1968	2000	1214	279	10	1.33	Wheat, Cotton, Orange, Gram, Vegetables	2000	0
	CADA Nashik													
1	Adhala	500	27.6	38.74	0.00	1977	6427	3914	3646	16	3 to 4	Sorghum, Wheat, Grass, Bajri, Groundnut, Maize	1512	0
1	Alandi	614	27.46	21.00	5.67	1985	7408	6296	2000	18	3	Vegetables, Grapes, Sorghum, Sugarcane, Wheat, Gram	1837	0
1	Bhojapur	393	10.22	8.15	2.55	1973	4580	4500	4000	24	1.7	Bajri, Wheat, Sorghum, Gram	500	0
1	Mand Ohol	600	8.78	13.16	0.00	1983	2833	2266	2830	15	3 to 4	Sorghum, Wheat, Grass, Maize, Sunflower, Sugarcane	2427	0

1	2	3	4	5	6	7	8	9	11	12	13	14	15	16
	CIPC Chandrapur													
7	Amalnalla	1218	24.48	19.52	0.00	1981	4710	2962	1280	22	1.5 to 2	Wheat, Cotton, Gram	3771	0
7	Labhansarad	1103	7.35	5.87	0.00	1987	2024	2024	725	11	1.5 to 2	Wheat, Cotton, Soybean	2024	0
7	Panchdhara	1103	10.39	8.43	0.00	1976	2262	1822	1375	14	1.5 to 2	Cotton, Wheat	2667	1974
7	Pothral	1100	34.72	34.72	0.00	1984	10910	8948	1821	33	1.5 to 2	-do-	10910	0
	NIC Nanded													
6	Loni	1150	8.38	9.51	0.91	1981	1835	1377	1788	7	1.02	-do-	No Data	No Data
6	Dongargaon	1150	8.81	11.55	0.00	1983	1008	830	561	5	1.8	-do-	1008	1008
6	Nagzari	1150	6.56	6.18	2.92	1983	1260	960	269	6	4.68	-do-	665	0
	PIC Pune													
17	Vadiwale	2845	30.39	22.18	0	1990	5564	5000	4415	26	0.15 to 1	Paddy, Wheat	5564	0
Surplus														
	CADA Nagpur													
8	Bageda	1146	4.535	4.11	0.00	1974	1887	1798	1296	10	0.85	Paddy	2566	679
8	Betekar Bothali	1186	3.666	3.67	0.00	1989	1266	1315	672	4	0.75	-do-	1266	0
8	Bodalkasa	1281	19.73	16.45	2.73	1917	14665	4047	6283	36	0.21	-do-	9839	0
8	Chandpur	1200	28.87	28.87	0.00	1916	10117	6271	8274	40	0.9	-do-	10117	617
8	Chorkhamara	1267	22.04	20.80	0.00	1917	13246	4047	1210	25	0.35	-do-	13246	0
8	Chulband	1384	21.46	16.82	0.00	1976	3378	3167	2929	21	1.1	-do-	3378	0
8	Kanholibara	1004	20.49	22.03	4.73	1976	4815	3371	1217	22	3	HW Groundnut, Cotton, Soybean, Wheat, Gram, Vegetables	6025	0
8	Kesarnala	979	3.93	4.28	0.00	1976	937	780	126	7	1.6	-do-	937	0
8	Khairbanda	870	16.48	12.22	0.00	1915	11271	6109	6400	31		-do-	112267	0
8	Khekranala	963	23.81	29.54	0.00	1987	3810	2610	1829	14	1.5	Cotton, Wheat, Gram, Orange, Sugarcane, HW Groundnut, Soybean, Vegetables.	3144	0
8	Kolar	978	31.32	41.23	1.21	1984	8088	5940	2829	43	2.1	-do-	8088	0
8	Makardhokada-Saiki	963	25.9	27.37	1.45	1980-81	5835	5477	2625	29	1.33	Paddy, Cotton, Chillies, Wheat, Sorghum, Gram, Soybean, Vegetables	3512	0
8	Managadh	1609	7.05	7.83	0.00	1970	3390	1700	1006	11	0.35	-do-	3390	0
8	Mordham	1016	4.95	4.91	0.05	No data	1423	1315	406	8	2.1	Orange, Wheat, Gram, Vegetables, Cotton	1423	0
8	Pandharabodi	1290	13.14	14.51	2.15	1974-75	1044	862	754	12	2.18	Paddy, Chillies, Wheat, Gram, Soybean, Sunflower.	1030	0
8	Rengepar	1138	3.57	5.86	0.00	1977	1305	870	1044	7	0.75	-do-	1305	0
8	Sangrampur	1281	3.868	8.87	0.46	1969	1536	1094	1409	7		-do-	1194	0
8	Sorna	1255	5.733	5.73	0.00	1972	1553	933	943	8	0.75	-do-	1553	0
8	Umari	1064	5.14	5.85	0.00	1971-72	1802	1195	749	8	2	Wheat, Cotton, Orange, Gram, Vegetables, Groundnut	1902	0
8	Chandrabhaga	1016	8.262	8.25	0.02	1974-75	3181	2604	106	15	2.1	Orange, Wheat, Gram, Vegetable, Cotton	3181	0
	CIPC Chandrapur													
8	Chandai	1205	21.58	9.28	0.00	1983	2565	2056	1.12	14	1.5 to 2	-do-	2565	0
8	Chargaon	1285	19.87	11.98	0.00	1983	1946	1500	8.799	12	1.5 to 2	Paddy, Wheat	884	0

1	2	3	4	5	6	7	8	9	11	12	13	14	15	16
Abundant														
	CIPC Chandrapur													
7	Dongargaon(Wardha)	1100	4.44	3.17	0.00	1974	972	631	328	9	1.5 to 2	-do-	608	608
9	Ghorazari	1285	43.16	35.00	0.00	1923	12868	3846	7181	65	1.5 to 2	Paddy	4961	0
9	Naleshwar	1147	10.23	4.29	0.00	1922	5035	1888	3097	23	1.5 to 2	-do-	2329	0
	KIC Ratnagiri													
23	Natuwadi	3632	27.230	27.23	0.00	1984	2139	2050	3629	18	0.02 to 0.05	Paddy, Groundnut, Pulses, Mango	2050	0
	SIC Sangli													
15	Chikotra	1074	43.06	43.05	0.00	2001	6833	5630	1326	27	1 to 2	Sugercane, Paddy, Wheat, Vegetables	6833	0
15	Chitri	1524	52.73	64.45	0.00	2001-02	9160	5850	2590	54	0.55	-do-	9160	0
15	Jangamhatti	2190	33.21	26.37	6.84	1996-97	4450	3700	8000	10	0.1	Sugercane, Maize,Chilly Wheat,Potato, GrouNo Datanut	4457	0
15	Kadavi	3418	70.56	70.56	0.00	2001	9908	9219	2211	52	0.8	-do-	9908	0
15	Kasari	4560	77.96	61.57	0.00	1989	9995	5458	3197	61	1 to 1.5	Sugercane, Paddy, Wheat	9995	0
15	Kumbhi	4985	76.5	74.81	1.68	2001	9170	8711	1773	51	0.10 to 1	Sugercane, Wheat, Groundnut, Sunflower	9170	0
15	Patgaon	3486	104.77	78.58	26.19	1996	10000	8100	3525	44	1 to 2	Sugercane, Paddy, Wheat	10000	0
	TIC Thane													
21	Rajanala	339.140	32.00	0.00	1958-59	3050	2542	0.00	0.20	Paddy	400			
21	Wandri	2540	35.938	35.94	0.00	1984.85	3066	2044	1526	17	0.25	-do-	No Data	No Data

Appendix-V

River Basins & Agro- Climatic zones of Maharashtra

River Basins

The State is mainly covered by the basins of Krishna, Godavari and Tapi except the west-flowing rivers of Konkan strip. A small portion on north comes under Narmada basin. There are in all 380 rivers in the State and their total length is 19269 km. Most of the land is undulating and hilly. Comparatively, continuously hilly plateau lands are very few. Because of this, flow canal systems in Maharashtra are very expensive, though there are large numbers of suitable sites for building water storage reservoirs.

Number of rivers originates from Sahyadri at about 500 to 700 m elevation and flow westward to Arabian Sea through the Konkan strip. Damanganga, Surya, Vaitarna, Ulhas, Karla, Kundalika, Kal, Savitri, Vashishthi, Shastri, Gad, Karli, Tillari and Terekhol are the prominent rivers. These rivers are of shorter length holding fair amount of water during monsoon but run totally dry during summer. The natural calamities such as land erosion, salt water intrusion, land subsistence etc. are often inflicted upon Konkan.

Tapi and Narmada are the two west-flowing rivers coming from Madhya Pradesh and flowing down to Gujarat State through Maharashtra. Narmada forms 54 km long common boundary of the State along northern border. Total length of Tapi in Maharashtra is 208 km. These rivers and tributaries have rendered the land of Khandesh[1] fertile.

Wainganga flows in north-south direction. The length of Waiganga in Maharashtra is 476 km. Godavari is the principal east-flowing and longest river in Maharashtra (968 km).

South-east flowing Bhima and mainly north-south flowing Krishna are the major rivers of South Maharashtra. The length of Bhima in Maharashtra is 451 km. It joins Krishna on the Karnataka-Andhra Pradesh boundary near Raichur.

Krishna rises near Mahabaleshwar. Krishna is 282 km long in the State.

Basin-wise water availability – (Maharashtra – India)

Sr. No	Basin	Geographical Area (Mha)	Culturable Area (Mha)	Average Annual Availability (BCM)	75% Dependable Yield (BCM)	Permissible Use As Per Tribunal Award (BCM)
1	Godavari	15.430	11.256	50.880	37.300	34.185
2	Tapi	5.120	3.731	9.118	6.977	5.415
3	Narmada	0.160	0.064	0.580	0.315	0.308
4	Krishna	7.010	5.627	34.032	28.371	16.818
5	West flowing Rivers	3.160	1.864	69.210	58.599	69.210
	Total:	30.88	22.542	163.820	131.562	125.936

Sub-basin wise planning

As per the recommendations laid down in the National Water Policy – 2002 and Maharashtra Water and Irrigation Commission's Report, the State Water Policy has been adopted by GOM in 2003.

The objectives of the Maharashtra State Water Policy are to ensure the sustainable development and optimal use and management of the State's water resources, to provide the greatest economic and social benefit for the people of the State of Maharashtra and to maintain important ecological values within rivers and adjoining lands.

The Maharashtra State Water Policy mentions that -

'To adopt an integrated and multi-sectoral approach to the water resources planning, development and management on a sustainable basis taking river basin/sub basin as a unit.'

The water resources of the State shall be planned, developed, managed with a river basin/ sub basin as a unit, adopting multicultural approach and treating surface and sub-surface water with unitary approach.'

The geographical area of the State is 308 lakh ha and cultivable area is 225 lakh ha. This geographical area is divided mainly into five major river basins of Godavari, Krishna, Tapi, Narmada and basin groups in Konkan. There are 22 narrow basins of west flowing rivers in Konkan.

The Maharashtra Water and Irrigation Commission has proposed delineation of five river basins basically into 25 distinct sub basins for planning of water resources development in the State. The categorisation of sub basins proposed is solely on the basis of natural availability of water. The basic characteristics of sub basins are dictated by the hydrological regime, which in turn, is a function of climate, rainfall distribution and the draining area.

The sub basins are as follows:

Sr. No.	River Basin	Names of Sub basins	Abbreviated name	Categorisation for planning on the basis of availability of natural water
I	Godavari	1) Upper Godavari (Up to Paithan Dam)	Upper Godavari	Normal
		2) Lower Godavari (D/S of Paithan Dam)	Lower Godavari	Deficit
		3) Purna (including Dudhana)	Purna Dudhana	Deficit
		4) Manjra	Manjra	Deficit
		5) Godavari-Sudha-Swarna	Remaining Godavari	Normal
		6) Painganga	Painganga	Normal
		7) Wardha	Wardha	Normal
		8) Middle Wainganga	Middle Wainganga	Surplus
		9) Lower Wainganga	Lower Wainganga	Abundant
II	Tapi	10) Purna (Tapi)	Purna Tapi	Deficit

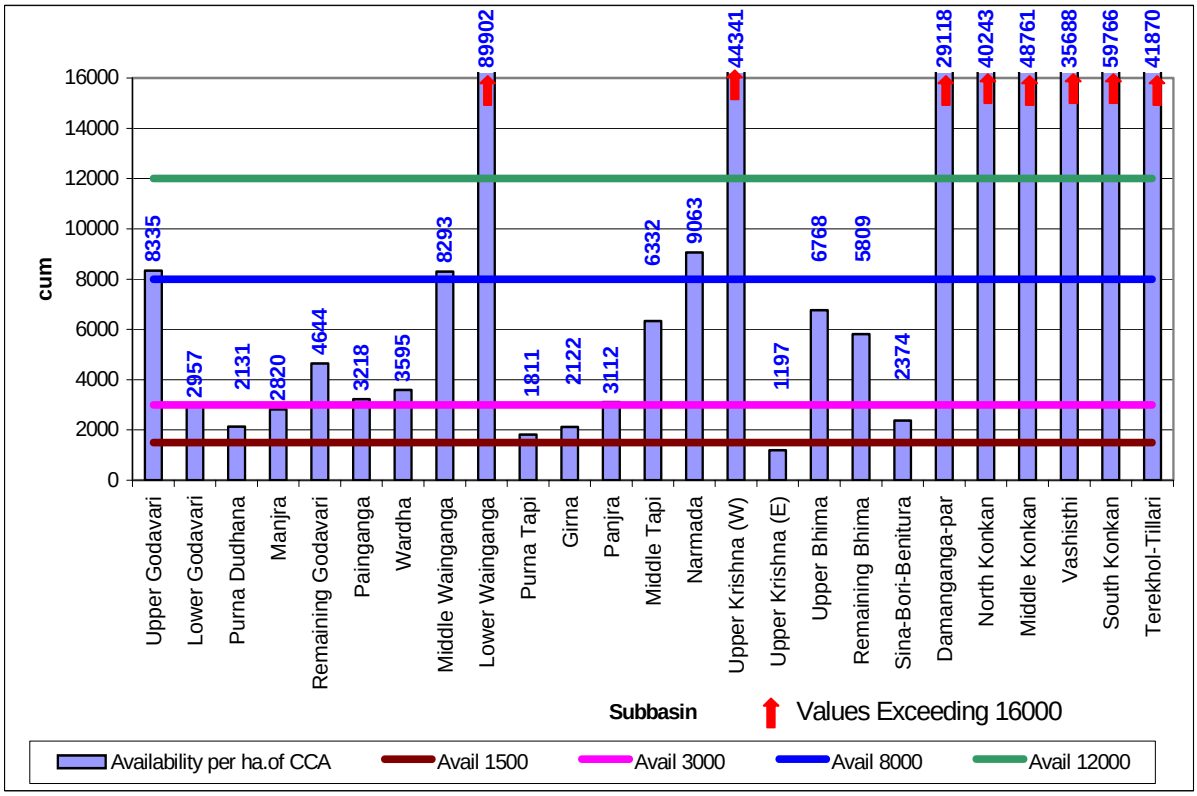
Sr. No.	River Basin	Names of Sub basins	Abbreviated name	Categorisation for planning on the basis of availability of natural water
		11) Girna	Girna	Deficit
		12) Panzara	Panzara	Normal
		13) Middle Tapi	Middle Tapi	Deficit
III	Narmada	14) Narmada	Narmada	Surplus
IV	Krishna	15) Upper Krishna (West)	Upper Krishna (W)	Abundant
		16) Upper Krishna (East)	Upper Krishna (E)	Highly Deficit
		17) Upper Bhima (Up to Ujjani)	Upper Bhima	Normal
		18) Remaining Bhima	Remaining Bhima	Normal
		19) Sina-Bori-Benetura	Sina-Bori-Benetura	Highly Deficit
V	West Flowing	20) Damanganga-Par	Damanganga-Par	Abundant
	Rivers in	21) North Konkan	North Konkan	Abundant
	Konkan	22) Middle Konkan	Middle Konkan	Abundant
		23) Vashishthi	Vashishthi	Abundant
		24) South Konkan	South Konkan	Abundant
		25) Terekhol – Tillari	Terekhol – Tillari	Abundant

Categorization of sub basins for planning, on basis of naturally available quantum of water, is given below:

Sr. No.	Plan Group	Per ha availability (m^3)	Percent of cultivable area of State
i)	Highly Deficit Area	Below 1500	13
ii)	Deficit area	1501-3000	32
iii)	Normal area	3001-8000	34
iv)	Surplus area	8001-12000	06
v)	Abundant area	Above 12000	15

A graph showing basin wise availability of water is appended herewith.

The performance of a circle (herein called service provider) very much depends upon the availability of water, which in turn is governed by the type of sub-basin in which the project is located. Some circles are having projects located in more than one category of plan group of sub-basins. Therefore, these circles will appear more than once, in graphical representation of indicators.



Climate

Maharashtra is having mostly a seasonal climate. Four distinct seasons are noticeable in a year viz. (1) Monsoon: The rains start with the south - west winds. Mainly it rains during the four months from June to September, but it often extends up to October. (2) Post-monsoon season: October to mid December is a fair weather season with meagre rains. These are the initial months of the post-monsoon, *Rabi* crops and the condition of later depends upon the weather during these months. (3) Winter: It is generally a period of two or two-and-a-half months, from mid-December until end of February. Most of the *Rabi* crops are harvested during these months. (4) Summer: It lasts for at least three months - March to May.

There is considerable variation in weather and rainfall among the five different geographical regions of Maharashtra.

1 The coastal districts of Konkan experience heavy rains but mild winter. The weather, however, is mostly humid throughout the year.

The maximum and minimum temperatures here range between 27^0C and 40^0C and 14^0C to 27^0C respectively. The relative humidity is 81% to 95% during June to August while 30% to 65% during January - February.

2 The western parts of Nashik, Pune, Satara and Kolhapur districts show a steep reduction in rainfall from the mountainous regions towards the East. The maximum temperature ranges between 26^0C to 39^0C and the minimum temperature between 8^0C to 23^0C. The relative humidity is 81% to 99 % in August and only 20% to 39% in March.

3 The eastern part of the above four districts together with Ahmednagar, Sangli, Solapur, Aurangabad, Jalna, Beed and Osmanabad districts fall under the rain

shadow of Sahyadri Mountains and therefore the beginning and end of the rainy season is quite uncertain in these parts. The rainfall is also meagre. The climate is extreme. The summer temperature is high (maximum temperature 36^0C to 41^0C) but winter temperature is low (minimum temperature. 10^0C to 16^0C). The relative humidity in August is between 82% to 84% but only 19% to 26% in April. The rainfall increases as we go towards east viz. Parbhani, Nanded and Yavatmal. Many a times the eastern winds during the end of monsoon cause precipitation here.

4 Likewise the Tapi basin, the southern parts of Satpuda ranges and Dhule-Jalgaon districts towards west is low rainfall part like that of rain shadow region. But towards east Buldhana, Akola and Amravati districts experience a heavy rainfall. Summer temperature in this region is quite high (39^0C to 43^0C) and minimum winter temperature is found to be 12^0C to 15^0C. Relative humidity between May to August is 82% to 87% whereas in March-April it is 12% to 31%.

5 The Wainganga basin on east of Maharashtra and the hilly region still farther east is, on the whole, a zone having good rainfall, but as it is some what low lying area, the climate is even more extreme. The summer temperature is very high (39^0C to 45^0C) while it is cooler in winter as compared to other regions (12^0C to14^0C).

Rainfall

Maharashtra gets rain both from the south-west and the north-east monsoon winds. The proportion of the rainfall derived from the north-east monsoon increases towards east.

The average rainfall of the State is approximately 1360 mm. nearly 88% of the total average rainfall occurs between June to September, while nearly 8% occurs between October to December and 4% after December. There is a considerable variation in the reliability of the rains in different parts of the State.

The steep decline in the rainfall to east of Sahyadri is strikingly noticeable. In the 30 to 50 km wide belt the average rainfall is observed to be less than 650 mm (as low as only 500 mm at some places). Thereafter, the rainfall increases steadily towards east and the average rainfall in the easternmost districts is observed to be 1400 mm.

The pre-monsoon rain during March to May is maximum in Western Maharashtra (5%) while in Marathwada it is 4%, in Vidarbha it is 3% and the minimum is in Konkan (1%).

The number of average annual rainy days is maximum 95 in Konkan, 55 in Vidarbha, 51 in Western Maharashtra and the minimum 46 in Marathwada.

Out of the total cultivable land in Maharashtra about 53% is under *Kharif* and about 30% is under *Rabi* crops. These mostly comprise of food grains and oilseeds. The rainfall during June to September affects both the *Kharif* and the *Rabi* crops. That is why the regularity of rainfall during this period is of importance. But it is seen that there is considerable fluctuation in the number of rainy days as well as the amount of rainfall from year to year. The fluctuation in rainfall is observed to be 25%, 40% and between 20% to 30% in Konkan, Central Maharashtra and Vidarbha respectively. Crop management on fields during this period thereby becomes quite difficult.

Appendix-V

Abstract of Water Rates for Irrigation Domestic and Industrial Use for the year 2008-09

Sr. No.	Perticulars	Rate Rs./ha (From 1/7/2004)
	Irrigation	
1	**Flow Irrigation** **Crops**	
A	**Kharif** Seasonals & Paddy (Agreement) Groundnut, Hy. Seeds etc.	 238 476
B	**Rabi** Seasonals (except Wheat and Groundnut) Wheat Cotton, Groundnut, Paddy etc.	 358 476 724
C	**Hot Weather** Ground Nut	 1438
	Seasonals	724
D	**Two Seasonals** Kharif and Rabi Rabbi & Hot Weather	 357 605
E	**Perenial** Sugarcane, Banana	 6298
2 A	**Lift Irrigation (water lifted from)** **Canal** Kharif Crops Rabi Crops Hot Weather Crops Perenial (Sugarcane, Banana) Perenial Crops (for drip irrigation)	 85 120 240 1810 1205
B	**Reservoir** Kharif Crops Rabi Crops Hot Weather Crops Perenial Perenial Crops (for drip irrigation)	 40 60 120 910 610
C	**River** Kharif Crops Rabi Crops Hot Weather Crops Perenial Perenial Crops (for drip irrigation)	 35 35 60 450 310
3	**Lift Irrigation (Volumetric basis)** From canal at minor head	Rs/Thousand m^3
A	Kharif	47.60
B	Rabi	71.40
C	Hot Weather	144.80
D	If water users contributed for construction (Royalty) for all seasons	23.80

Sr. No.	Perticulars	Rate Rs./ha (From 1/7/2004)
	Non Irrigation water rates	
1	**Domestic Supply**	
A	From reservoirs,	1.70
B	canals and rivers downstream of dams	6.60
C	In case Capital Investment is done by user or contributed in proportion of water use	1.50
2	**Industrial Supply**	
A	For Colddrinks, breverages, mineral water etc. From reservoirs,	190.00
B	For Colddrinks, breverages, mineral water etc from canals and rivers downstream of dams	480.00
C	In case Capital Investment is done by user or contributed in proportion of water use	70.00
3	**Other use**	Rs/10000 Litre
A	From reservoirs	38.00
B	Canals and rivers downstream of dams	95.00
C	In case Capital Investment is done by user or contributed in proportion of water use	13.00

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