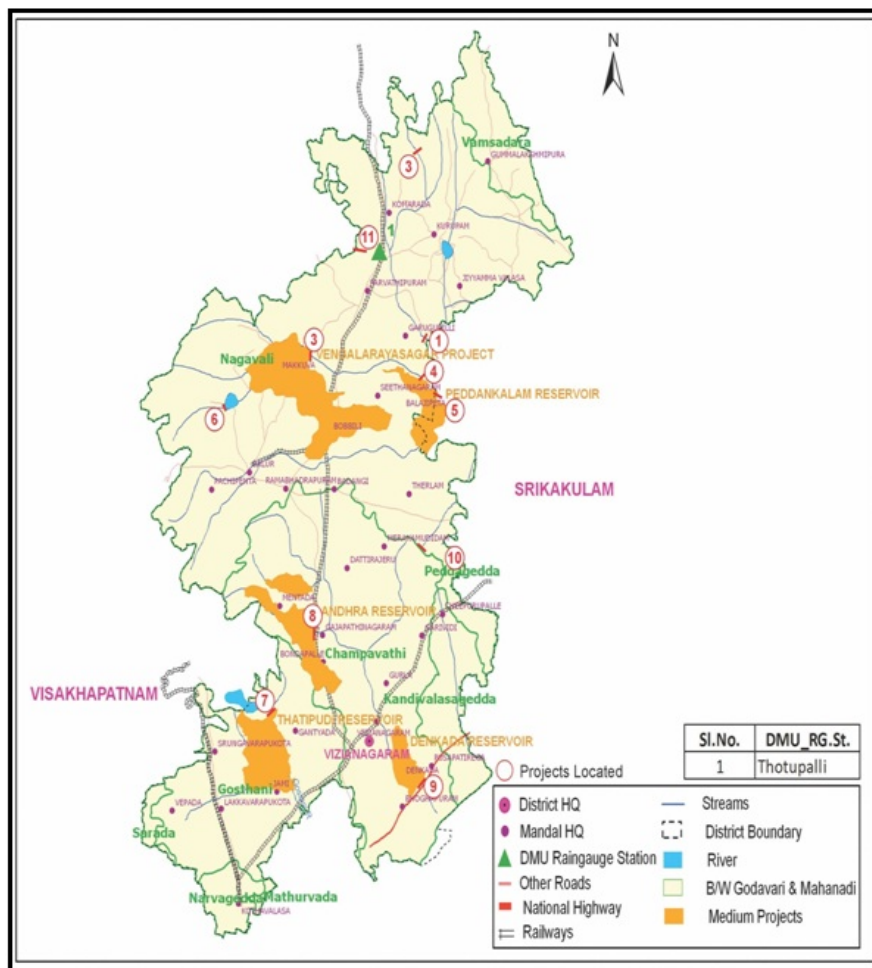


IRRIGATION PROFILE OF VIZAYANAGARAM DISTRICT

[*Click here for Ayacut Map](#)



INTRODUCTION

Vizianagaram is the main city of the Vizianagaram District of North Eastern Andhra Pradesh in Southern India. Vizianagaram district was formed on 1 June 1979, with some parts carved from the neighbouring districts of Srikakulam and Visakhapatnam. It is, at present, the largest municipality of Andhra Pradesh in terms of population. It is located about 18 km inland from the Bay of Bengal, and 52 km northeast of Visakhapatnam.

Vizianagaram District lies between latitude 17°-15'-00" to 19°-15'-00" and longitude 83°00' 00" to 83° 45' 00". The maximum length of North South is 129 Kms and East West is above 64 Kms. The boundaries of the District are Bay of Bengal and Srikakulam District on East, Orissa state and Visakhapatnam District on West, Orissa state on North and Visakhapatnam District on South. The population of the District is 23, 44,474 persons according to the 2011 census.

The District head quarters Vizianagaram is situated at about 50 Km from Visakhapatnam which is on Howrah - Chennai Railway line.

The major River basins in the District are Nagavali, Champavathi, Gosthani and Kandivalusedda and Tributries of Nagavali are Vottigedda, Jhanjhavathi, Gomukhi, Suvarnamukhi & Vegavathi.

The total utilization of Ground water is 17,022 Ham against the total ground water potential of 90,045 Ham available. The stage of development of the ground water is 19% and safe. There are about 22,180 No of Open wells, 16,207 Nos of Bore wells and 3,105 Filter point wells in the District. Under Open wells 65,330 acres and under Bore wells & Filter points 75,170 acres is being cultivated in the District.

| Classification of geographical area | Area in lakh acres | Percentage of geographical area |
|-------------------------------------|--------------------|---------------------------------|
| Geographical area | 15.56 | 100% |
| Forest area | 2.77 | 17.772 |
| Cultivable area | 8.32 | 53.441 |
| Barren and Un-cultivable area | 1.92 | 12.33 |
| Land put to Non Agricultural use | 1.90 | 12.224 % |
| Sown Area | 7.96 | 51.128 % |
| Irrigated area | 3.77 | 24.184% |

| | |
|-------------------------|--------------------------------|
| Normal Average Rainfall | 920mm |
| Population(Census 2011) | 23,42,868 |
| Number of Mandals | 34 |
| Latitude | 17° 15' 00" N to 19° 15' 00" N |
| Longitude | 83° 00' 00" E to 83° 45' 00" E |

Details Of Irrigation Projects

| S.No | Projects | Nos | Ayacut in acres |
|------------|--|-------------|----------------------|
| A | Completed Projects | | |
| I | Major Irrigation Projects | | |
| a) | Thotapalli Regulator (Linked to new Barrage (Nagavali River)) | 1 | 8715 (part ayacut) |
| | Total | 1 | 8715 |
| II | Medium Irrigation Projects :7 Nos | | |
| a) | Vengala raya sagaram Project | 1 | 24,700 |
| b) | Vottigedda reservoir | 1 | 16,654 |
| c) | Peddankalam Anicut | 1 | 7693 |
| d) | Paradhi Anicut | 1 | 8188 |
| e) | Thatipudi Reservoir | 1 | 15,280 |
| f) | Andra Reservoir Project | 1 | 9,426 |
| g) | Denkada Anicut | 1 | 5,203 |
| g) | Pedda Gedda Reservoir Project | 1 | 12,000 |
| | Total | 7 | 99180 |
| III | Minor Irrigation | | |
| a) | I&CADD.,tanks (Above 100 Acres ayacut) | 459 Nos | 106679.02 |
| b) | P.R. tanks (below 100 Acres ayacut) | 8724 Nos | 173232.25 |
| c) | A.P.S.I.D.C | 43 Nos | 9631 |
| | Total | 9226 | 289542 |
| B | Ongoing Projects | | |
| I | Major Irrigation | | |
| a) | Thotapalli Barrage Project (Nagavali River) | 1 | 62,055 (part ayacut) |
| b) | Gajapathinagaram Branch Canal (Taking-off from Thotapalli RMC) | 1 | 15,000 |
| | Total | 2 | 77,055 |
| II | Medium Irrigation | | |
| a) | VKMN Janjhavathi Reservoir Project (Janjhavathi - Nagavali River) | 1 | 24,640 |
| b) | Vengalarayasagar Project extension canal (Suvarnamukhi - Nagavali River) | 1 | 5000 |
| c) | Andra HLC (Champavathi River) | 1 | 4,100 |
| d) | Tarakarama Thirtha Sagaram Reservoir Project Champavathi River) | 1 | 24,710 |
| | Total | 4 | 58,450 |
| III | Minor Irrigation | | |
| a) | Irrigation Division, Paravathipuram | 183 | 111267 |
| b) | Vizianagaram Division, Vizianagaram | 245 | 71587 |
| | Total | | 182854 |

Contemplated schemes

| S.No | Projects | Nos | Ayacut in Acres |
|------------|--|-----|-----------------|
| I | Major Irrigation | | |
| | NIL | | |
| II | Medium Irrigation | | |
| a) | Additional ayacut under Vengala raya sagaram Project | 1 | 5,000 |
| b) | Formation of reservoir across Gummidigedda | 1 | 600 |
| III | Minor Irrigation | | |
| a) | I&CADD.,tanks (Above 100 Acres ayacut) | 1 | 3030 |

COMPLETED MAJOR IRRIGATION PROJECTS

1. Thotapalli Regulator (Old):**Preamble**

The existing Thotapalli Regulator is the first diversion work on Nagavali River constructed in 1908 in Andhra Pradesh territory, most of the catchment area (Total Catchment area 4455 sq.km) of the river is on Orissa State. The Nagavali River originates in Eastern Ghats in Orissa state in "Payakapadu" village in Kalahancii Koraput District. The Nagavali River after traversing a length of 125 Kms in Orisa state enters in Andhra Pradesh near "CHEDEPALEM" (Village) of Komarada Mandal of Vizianagaram District and flows further 24 Kms upto existing Thotapalli Regulator and from there onwards travels south eastern direction and Joins in Bay of Bengal near "DIBBAPALEM" Village in Srikakulam District. The existing ayacut of 25,900 HA (64,000 AC) i.e. 8,715 Ac in 3 Mandals of Vizianagaram District and 55,285 Ac in 4 Mandals of Srikakulam District. The Nagavalli basin mostly in hilly and the rainfall in the catchment is erratic with high peeks of Discharge occurs in mansoon season.

Salient Features

| | |
|-------------------------|---|
| Longitude | : 80° 36' 15" E |
| Latitude | : 18° 46' 52" |
| Ayacut (Stabilized) | : 55,285 Acres |
| Mandals Benefitted | : Srikakulam District: 3 (1) Veeraghattam (2) Palakonda (3) Vangara |
| Dependable Net Yield | : 6700 Mcft. |
| Water Allocation | : 5.780 TMC |
| Maximum Flood Discharge | : 1, 13,200 Cusecs |
| Length | : Left Main Canal : 37.40 KM : Right side Canal : 19.80 KM |
| Discharge | : Left Main Canal : 414 C/s : Right side Canal : 106 C/s |
| Ayacut | : Left Main Canal : 38,708 Acres |
| Right side Canal | : 16,577 Acres |
| Cropping Pattern | : Khariff (Paddy) |
| Villages Benefitted | : 32 Nos. |
| Rehabilitation | : Nil |

ONGOING MAJOR IRRIGATION PROJECTS**1. Thotapalli Barrage Project****Preamble**

Thotapalli Barrage Project is a Major Irrigation Project proposed across Nagavali River near Thotapalli (V), Garugubilli (M) of Vizianagaram District, 500 Mts up stream of existing Thotapalli Regulator to irrigate an ayacut of 1,84,000 Acres in Vizianagaram and Srikakulam Districts (including stabilization of 64,000 Acres of wet ayacut under existing Thotapalli Regulator, (Existing ayacut 8715Acres, New Ayacut 77055Acres in Vizianagaram District) constructed during 1905-08, and other open head channels downstream). Besides this, the scheme provides for drinking water and industrial water facility to the villages en route 107 KM long Right Main Canal.

The Government of Andhra Pradesh has accorded Admn Approval for the Project vide G.O. Ms. No. 114 Dt. 31-7-2003 for Rs. 450.23 Crores.

The following 12Mandals in this District will be benefited by this Project. 1. Sithanagaram, 2.Bobbili, 3. Badangi, 4. Balijipeta,5. Terlam , 6.Cheepurupalli, 7. Garividi, 8.Nellimarla, 9. Gurla, 10. Pusapati Rega, 11.Jiyyammavalsa,12. Garugubilli.

Clearances

The stage of clearances received for the Project is as below

The stage of clearances received for the Project is as below:

1. Administrative approval for Rs.450.23 crores in G.O M.S No.114/Dated:31.07.2003.
2. Revised Administrative approval for Rs.774.9Crores in GO.Ms No.78/Dated:05.11.2012.
3. Scheme cleared by C.W.C in 81st TAC meeting on 04.08.2003.
4. Environment clearanace by MOEF vide letter No.J-12011/10/2002A/Dated:29.08.2005.

5. R&R clearance of MOTA received vide letter No.20011/11/2004- CF&R/Dated:01.03.2006.
6. Investment clearance received vides letter No.2 (364)/2003-wr,Dated:20.03.2006.
7. AIBP Sanction received for Rs.420.00 Crores from Government of India.

Salient features

| | |
|---|---|
| Source | : River Nagavali (Langulya) |
| Location | : Thotapalli(v), Garugubilli (M), Vizianagaram District |
| Catchment Area | : 4455 sqkm. |
| Latitude | : 18° 47' 30" N |
| Longitude | : 83° 25' 24" E |
| Total available yield from catchment area | : 44.000 TMC. |
| Yield allocated for Andhra Pradesh as per Interstate Agreement | : 16.000 TMC |
| Proposed yield to be utilized in this Thotapalli Barrage Scheme | : 15.890 TMC |
| Gross Storage | : 3.003 TMC |
| Storage capacity of Barrage at FRL/MWL (+105.00 Mts) | : 2.509 TMC (71.05 M.Cum) |
| C.C.A. Under this Project | : 1,84,000 Acers |
| Existing Ayacut (Khariff Paddy)L | : 64,000 Acres |
| Spillway | |
| Type of spillway | : Ogee |
| Total length | : 117 Mts |
| No. of Radial Gates | : 8 Nos |
| Size of vent | : 12.00Mts x 7.00Mts |
| Crest level | : +98.00Mts |
| Designed Discharge | : 3234Cumecs |
| Foundation level | : +87.50Mts |
| Earth dam | |
| Total Length | : 8.80Km (Both sides) |
| Top width | : 6.00Mts |
| Maximum height | : 20.20Mts (R/S Earth Dam) |
| F.R.L/M.W.L | : +105.00Mts |
| T.B.L | : +109.00Mts |
| M.D.D.L. | : +100.00Mts |
| Left head sluice | |
| Sill level | : +97.00 Mts |
| No.of vents | : 2 No.s (Size 2.00Mx2.25M) |
| Right head sluice | |
| Sill level | : +97.40 Mts |
| No.of vents | : 2 No.s (Size 4.30Mx2.50M) |
| Discharge | : 34.23 Cumecs |
| Length of Right Main Canal | : 107.00 Kms |

Irrigation Potential

The Project is intended to supply waters to ayacut of 1,84,000 Acres including stabilization of 64,000 Acres of ayacut existing under Thotapalli Regulator and other open head channels.

The total yield available from catchment area at site is 32 TMC and the yield proportionally allocated to Andhra Pradesh state as per Inter State agreement dated: 15.12.1978 is 16.00TMC. The

Utilization is 15.890TMC

Budget & Expenditure

| | |
|---------------------------------------|--------------|
| Budget provision for the year 2015-16 | : 161.98 Crs |
| Cumulative Expenditure up to 5/2015 | : 580.00 Crs |

The total Mandals benefited are

a) Benefited Mandals in Vizianagaram district : 10 Nos namely Seethanagaram, Ballijipeta, Bobilli, Therlam, Badangi, Cheepurupalli, Garividi, Gurla, Nellimarla, Pusapatirega.

b) Benefited Mandals in Srikakulam district : 07 Nos namely Regidi Amadalavalasa, Vangara, Rajam, Santhakaviti, G.Sigadam, Laveru and Ranastalam.

c) Benefited villages : 155 villages in Vizianagaram District. 132 villages in Srikakulam District.

Total Ayacut in Vizianagaram District (70,770 Acres)

Stabilized already : 8715 Acres.

Proposed New Ayacut : 62055 Acres.

Total Ayacut in Srikakulam District (1,13,230 Acres)

Stabilized already : 55285 Acres.

Proposed New Ayacut : 57945 Acres

Capacity Table Of Thotapalli Barrage Project Reservoir

| S.No | Elevation | Area(Sqm) | Volume(Cum) | Volume(TMC) | Cumulative(TMC) |
|------|-----------|--------------|--------------|-------------|-----------------|
| 1 | 94 | | | | |
| 2 | 95 | 47617.447 | 123890.002 | 0.004 | 0.004 |
| 3 | 96 | 200162.558 | 420739.790 | 0.015 | 0.019 |
| 4 | 97 | 641317.021 | 981776.442 | 0.035 | 0.054 |
| 5 | 98 | 1322235.863 | 1887761.165 | 0.067 | 0.121 |
| 6 | 99 | 2453286.467 | 3131262.979 | 0.111 | 0.232 |
| 7 | 100 | 3809239.491 | 4728540.693 | 0.167 | 0.399 |
| 8 | 101 | 7885574.232 | 6766708.063 | 0.239 | 0.638 |
| 9 | 102 | 10528948.106 | 9207261.169 | 0.325 | 0.963 |
| 10 | 103 | 13143370.142 | 11836159.124 | 0.418 | 1.381 |
| 11 | 104 | 16260595.070 | 14701982.606 | 0.519 | 1.900 |
| 12 | 105 | 19837282.832 | 18048938.951 | 0.637 | 2.537 |
| | | | 71835020.984 | 2.537 | |

Gajapathinagaram Branch Canal

Preamble

Gajapathinagaram Branch Canal is offtaking at Km 97.700 of Right Main Canal of Thotapalli Barrage Project. It is a separate branch canal for providing irrigation facility to an ayacut of 15000 acres beyond Gadigedda in 41 villages of 5 mandals i.e., Garividi, Merakamudidam, Gurla, Gajapathinagaram and Dattirajuru Mandals of Vizianagaram district.

Salient Features

| | |
|----------------------|--|
| Name of the Project | : Thotapalli Barrage Project |
| Name of Main Canal | : Right Main Canal |
| Name of Branch Canal | : Gajapathinagaram Branch Canal |
| Ayacut | : 15,000 Ac.(ID) |
| Branch canal | |
| Off- taking | : At Km 97.700 of Right Main Canal |
| Length | : 25.00Km |
| Reaches | : Reach-I from Km 0.00 to 8.700 Reach-II from Km 8.700 to 23.500 Reach-III from Km 23.500 to 25.00 |
| Bed Level @Km 0/0 | : +87.375m |
| F.S.L | : +88.875m |
| T.B.L | : +89.475m |
| Bed Widths | : 8.00M, 5.30M & 4.00M for Reach I, II & III |
| F.S.Ds | : 1.50M, 1.35M & 1.26M for Reach-I, II & III |
| Discharges | : 6.966 cumecs, 4.25 cumecs & 3.398 cumecs |
| Side Slopes | : 1.50:1 for cutting & 2:1 for banking |
| Velocities | : 0.462 m/sec, 0.439 m/sec & 0.470m/sec |

Cut & cover

| | |
|--------------------------|--|
| Length | : 1.60Km (from Km 1.65 to 3.25) |
| Depth of cutting | : 10.00m minimum & 19.12m Maximum |
| Village limits | : Gulivindada(V),Cheepurupalli |
| Ayacut Benefited | : 15,000 Ac |
| No of Mandals Benefited | : 5 Nos (Garividi, Merakamudidam, Gurla, Gajapathinagaram and Dattirajeru) |
| No of Villages Benefited | : 41 villages |

COMPLETED MEDIUM IRRIGATION PROJECTS**1. Vengalaraya Sagaram Project****Preamble**

Vengalarayasagaram Project is a Medium Irrigation Project formed across Suvarnamukhi River near Lakshmipuram of Salur Mandal of Vizianagaram District to provide water supply to an extent of 24,700 acres.

Salient Features

| | |
|-----------------------------|---|
| Location | : Vengalaraya sagaram Project was Constructed across Suvarnamukhi River a tributary of Nagavali River near Lakshmipuram (V), Salur (M). |
| Ayacut | : 24,700 Acres |
| Mandals Benefitted | : Makkuva , Bobbili & Seethanagaram |
| Utilisation | : 3,108 Mcft |
| Dependable Yield | : 4,485 Mcft |
| Maximum Flood Discharge | : 59,011 cusecs |
| Cropping Pattern | : Khariff (Wet) |
| Budget for the year 2015-16 | : Plan - 1.6505 Crs |
| Villages Benefitted | : 41 |

1. Chemudu 2. Sambara 3. Kaviripalli 4. Makkuva 5. Bangaruvalasa 6. Turumamidi 7. Sirlam 8. S.peddavalasa 9. Markondaputti 10. Mulakeyavalasa 11. Mukhavalasa 12. Payakapadu 13. Venkampeta 14. Kannampeta 15. Koyannapeta 16. Papayyavalasa 17. Kondarejeru 18. Chandrampeta 19. Venkatabhairipuram 20. Kasipatnam 21. Bakkupeta 22. Ballakrishnapuram 23. Boggamdoravalasa 24. Choppabuchampeta 25. Tamarakhandi 26. Chinabhogili 27. Alivenkampeta 28. Seetayyapeta 29. Ramavaram 30. Latchayyapeta 31. Antipeta 32. Venkatapuram 33. Gopalarayudupeta 34. Velagavalasa 35. Rajupeta 36. Pathabobbili 37. Mallampeta 38. Panukupeta 39. Lingamvalasa 40. Kintalavaripeta 41. Rangampeta

| CANALS | LMC | LBC | RMC | RBC |
|--------------------|---------------|--------|--------|--------|
| Length (Kms) | 0.2 | 10.252 | 18.70 | 8.80 |
| Discharge (Cusecs) | 189.41 | | | 306.18 |
| Ayacut (Acres) | 239 | 4,039 | 16,150 | 4,285 |
| Cropping Pattern | Khariff (wet) | | | |

2. Vottigedda Reservoir**Preamble**

The Vottigedda Project is a Medium Irrigation Project constructed across Votigedda River near Rawada Village, G.M.Valasa Mandal of Vizianagaram District. The location of the scheme corresponds to longitude 83° 36' 15" E and latitude 18° 50' 25" N. Water for irrigation comes from Vottigedda river which was tributaries to Nagavali River in Northern part of Andhra Pradesh, viz., Vizianagaram District rivers. Water is stored in the Vottigedda reservoir with a gross capacity of 27.13 TMC and a net capacity of 25.15 TMC.

Scope of the project

The Project is contemplated for providing irrigation facilities to an extent of 16,670 acres covering 38 villages. The canal system consists of 2 main channels that is Right Main Canal covering 13,310 acres in between Vottigedda River and Nagavali River and Eastern Ghats in G.M.Valasa mandal and Kurupam mandal and Garubilli mandal. The left main canal covering an ayacut of 4,054 acres in between Vottigedda river and eastern ghats from Ravada to G.M.Valasa village.

Salient features

| | |
|-------------------------|---|
| Location | : Vottigedda Reservoir was constructed across Vottigedda a tributary of Nagavali River near RaWada (V), Jiyyammavalasa (M). |
| Ayacut | : 16,670 Acres |
| Mandals Benefitted | : Garugubilli, Jiyyammavalasa |
| Utilisation | : 2,587 Mcft |
| Dependable Yield | : 3,761 Mcft |
| Maximum Flood Discharge | : 53,255 cusecs |
| Villages Benefitted | : 39 |

1. Thotapalli 2. Gijaba 3. Goulipuram 4. Gadabavalasa 5. G.Gangarajapuram 6. Geddatiruvada 7. Kudama 8. Kundar tiruvada 9. Turakanaiduvalasa 10. Naguru 11. Pippalabadra 12. Ankavaram 13. Itika 14. Santoshapuram 15. Chinamerangi 16. Pedamerangi 17. Gourampeta 18. Akkandoravalasa 19. Surannadoravalasa 20. Basangi 21. Haripuram 22. Chintalabelagam 23. Tummalavalasa 24. Parasapadu 25. Lakshmipuram 26. Alluvada 27. Talldumma 28. Tumbali 29. Joguladumma 30. Agraharam 31. rajayyapeta 32. Rawada 33. Kurupam 34. Alabanda 35. Sikhabadi 36. Jiyyammavalasa 37. Bommika 38. Ankavaram 39. Arnada

| CANALS | R/S CANAL | L/S CANAL |
|--------------------|---------------|-----------|
| Length (Kms) | 8.05 | 9.77 |
| Discharge (Cusecs) | 226 | 62 |
| Ayacut (Acres) | 13,440 | 3,230 |
| Cropping Pattern | Khariff (wet) | |

3. Peddankalam Anicut**Preamble**

Constructed across River Suvarnamukhi near Peddankalam village, Seethanagaram Mandal, Vizianagaram District was completed during the year 1955 - 1963. The longitude is 83° -27' - 34" and the latitude is 18° -14'-0". And the project is situated 22 Km away from Parvatipuram and 850 Km from Hyderabad.

Salient feature

| | |
|-----------------------------|---|
| Location | : Peddankalam anicut was constructed across Suvarnamukhi river a tributary of Nagavali river near Peddankalam (v), Seethanagaram (m). |
| Ayacut | : 8,160 acres |
| Mandals Benefitted | : Balijipeta & Vangara |
| Utilisation | : 1,073 Mcft |
| Dependable Yield | : 2,530 Mcft |
| Maximum Flood Discharge | : 1,20,000 Cusecs |
| Cropping Pattern | : Khariff (wet) |
| Budget for the year 2015-16 | : Plan - 0.4060 Crs |
| Villages Benefitted | : 16 |

1. Arasada 2. Narayanapuram 3. Pedamayavalasa 4. Vengapuram 5. Palagara 6. Chilakalapalli 7. Tumarada 8. Pedapenki 9. Janardhanavalasa 10. Geetampalli 11. Kurmanadhapuram 12. Konangipadu 13. Virruvada 14. Chandrampeta 15. Panukuvalasa 16. Chellampeta

| CANALS | R/S CANAL |
|--------------------|---------------|
| Length (Kms) | 23.00 |
| Discharge (Cusecs) | 139.70 |
| Cropping Pattern | Khariff (wet) |

4. Thatipudi Reservoir**Preamble**

Thatipudi Reservoir is located across Gosthani River Near Thatipudi Village of Gantyada Mandal in Vizianagaram District. The Reservoir envisages 1)Stabilizing the existing ayacut of 13,861 Acres (5611.7 Hect)and 2) Providing drinking water supply to Visakhapatnam Municipal

Corporation at the rate of 11 Mgd. As per the in G.O.Ms.No.353, dated 18-3-1963, the cost of construction of Thatipudi was borne by Municipal Corporation, Visakhapatnam. The annual maintenance of project is being done by this Department with the amount annually released by Visakhapatnam Municipal Corporation and with the grant of this Department.

The registered ayacut under the Project 15366 Acres (6218 Hectors) out of which 5659 Acres (2290 Hect) is fed by Anicut and Groynes located lower down within the ayacut area duly linked with channel system of the Reservoir. The balance of 9707 Acres.(3928 Hects) is fed under various direct channel systems.

The Department is responsible in monitoring the reservoir water levels, till the water level in the Reservoir falls down to +268.00 from the FRL of +297.00'. However the release of water below +268 and upto +251.0 (lower level of sill of Irrigation sluice shall be controlled by a Committee comprising the Superintending Engineer, Irrigation Circle, Visakhapatnam, District Collector, Vizianagaram and Commissioner, Visakhapatnam Municipal Corporation and Superintending Engineer, Public Health, Visakhapatnam to decide the priorities among Irrigation and drinking water supply at that juncture.

The annual requirement of drinking water supply is 642.67 Mcft, and irrigation demand that of 1817.64 Mcft. The live capacity of the Reservoir is 3175 Mcft.

For modernisation of the system an estimate for Rs.2492.00 Lakhs was sanctioned under JICA Programme. At present 47% of work is completed and balance work is in Progress.

Salient Features

| | |
|-----------------------------------|---|
| Location | : Thatipudi reservoir was constructed across gosthani river near Thatipudi (v), gantyada (m). |
| Longitude | : 83° 11' 40" |
| latitude | : 18° 10' 35" |
| Spillway gates | : 4 nos.x20' x30' |
| Dependable Yield | : 2,194 mcft |
| Maximum Flood Discharge | : 41,601 cusecs |
| Spillway gates | : 4 nos.x20' x30' |
| Gross capacity at frl | : 3325 m.cft |
| Live storage | : 3175 m.cft |
| Dead storage | : 150 m.cft |
| Water supply to Visakhapatnam | : 642.67 m.cft |
| Irrigation demand | : 1817.64 m.cft |
| Max.height of dam | : 87 ft. |
| Free board | : 10 ft |
| Top width of dam | : 16 ft. |
| Length of earthen bund | : 1800 ft. |
| Water spread area At f.r.l. | : 2600 ac. |
| Ayacut stabilized | : 13864 ac |
| F.R.L. | : 90.521 m |
| M.W.D. | : +90.521 m |
| Emergency M.W.L. | : +91.435 m |
| T.B.L. | : +93.569 m |
| Water supply reserve | : +640 m.cft |
| Between(+251 and +268) | : +73.506 m |
| Drinking water draw Off levels | : +76.653 m |
| | : +79.701 m |
| | : +76.501 m |
| Irrigation sluice Draw-off levels | : +81.682 m |
| Irrigation sluice Vent size | : 1.80m x 1.20m |
| Average bed level Of river | : +67.723 m |
| Deep bed level | : +67.290 m |
| Budget for the year 2015-16 | : plan - 1.0000 crs. |

Water Users Associations

The total ayacut developed under thatipudi reservoir project is 15366 acres, which was spread-over in three mandals namely gantyada, s.kota and jami mandals. As per a.p.f.m.i.s.act no.11 of 1997, 10 water users associations have been formed as given below.

1. Madhanapuram and k.velagada water users association no. : 1275.03 acres
2. Mutah channel w.u.a.No.ii of bonangi village. : 1625.48 acres.
3. Muttach channel w.u.a. No.iii of ramabhadrapuram village : 1973.18 acres

| | |
|--|-----------------|
| 4. J.A.channel w.u.a.No.v of jagaram village | : 1260.53 acres |
| 5. P.S.channel w.u.a.No.iv of pentasrirampuram village | : 1776.43 acres |
| 6. V.t.channel w.u.a.No.vi of kottam village | : 1540.27 acres |
| 7. Vasantha channel w.u.a.no.vii of vasantha village | : 1255.02 acres |
| 8. T.v.channel w.u.a.no.viii of thandrangi village | : 1446.18 acres |
| 9. R.v.k.channel w.u.a.no.ix of vijinigiri village | : 1250.82 acres |
| 10. Pallapu kaluva w.u.a.no.x of jami village. | : 1963.06 acres |
| Total : 15366 acres | |

Villages Benefitted : 35

1. Thatipudi 2. Padanapuram 3. Bonangi 4. Vasanti 5. Pollanki 6. Konda velagada 7. Mokkalapadu 8. Regubilli 9. Donkada 10. Vasadi 11. Rambhadrapuram 12. Buradapadu 13. Pentasrirampuram 14. Lakkidam 15. Kondatamarupalli 16. Madhupada 17. Jami 18. Bheemasinki 19. Tandurangi 20. Vijinigiri 21. Jannivalasa 22. Jagaram 23. Somayajulapeta 24. Sasanapalli 25. Tanavaram 26.Venni 27.V.R Palam 28.Mamidipalli 29.syamalapalli 30. Kottam 31. Alugubilli 32. Kottakota 33. kottakota 34. Gopalapalli 35. China Madhupada

5. Andra Reservoir Project

Preamble

Andra Reservoir is a Medium Irrigation Project across Champavathi river near Andra village in Mentada Mandal to Irrigate an ayacut of 9426 Acres with stabilization of existing precarious wet ayacut of 6926 acres and an additional new ayacut of 2500 acres dry. The estimate for the Project was sanctioned for Rs.540.14 Lakhs including direct & Indirect charges vide G.O.Ms.No.451, dt.2.1119.82. The Andra Reservoir Project was completed during the year 1998.

Salient Features

| | |
|---|--------------------------------|
| Catchment Area | : 113.96 Sq KM |
| Max.Flood Discharge | : 1189.44 Cumecs(42000 Cusecs) |
| Storage capacity of the Reservoir at FRL | : 27.75 M.Cum(980 M.cft) |
| Dead storage | : 1.35 M.Cum(47.60 M.cft) |
| F.R.L. | : +146.00M |
| T.B.L. | : +148.00M |
| Crest of spill way | : +138.50M |
| No.of Irrigation sluices | : 2 Nos (Head sluices) |
| No.of vents and size of vents of spillway | : 4 Nos 10.00M X 7.50M |
| Ayacut a) Stabilisation(wet) | : 6926 Acres |
| Ayacut b) New Ayacut(Dry) | : 2500 Acres |
| No.of Mandals covered | : 3 |
| No.of Villages benefited | : 22 |
| Budget For The Year 2015-16 | : Plan - 0.2300 Crs. |
| Villages Benefitted | : 22 |

1. Lothugedda 2. Pittada 3. Andra 4. Jayati 5. Mentada 6. Gittapalli 7. Raindrum 8. Rachakindem 9. Kanimeraka 10. Devupalli 11. Bondapalli 12. Salipeta 13. Patha Baggam 14. Kotha Baggam 15. Ganga Cholapenta 16. Konisa 17. Patruvada 18. Chintalavalasa 19. Marupalli 20. Chittiyavalasa 21. Nelivada 22. Madhupada

Left Main Canal:

Left Main canal runs for a length of 6.10Km and let into the Paramma Veeramma tank continuous to old channel system of Metnada channel system, which serve an ayacut of 4000 Acres in 9 Villages.

Right Main Canal:

Right Main canals runs for a length of 2.88Km and let into the Kirlavani tank in Mentada Mandal limits and continuous old channel systems of Pittada0Konisa channel system and Mentada-Nelivada channel system, which serve an ayacut of 4,859 acres in 13 villages.

High Level Canal:

High level canal sanctioned during year 2002 under Andra Reservoir Project for an additional ayacut of 4100 acres lying in 17 villages. High level canal 0/0 to 1.765Km off-take from left main canal@Km 3.590 of Andra Reservoir Project. It consists CM&CD works

are completed and the water let into KUNETIGEDDA at U/s of Ippalavalasa anicut. Two diversion weirs one at Jayathi(V) and another one at Amarayavalasa(V) are constructed on KUNETIGEDDA and to supply of water to near by tanks are almost completed.

JICA Programme(Phase III):

Due to deferred maintenance and unprecedented floods over the years the entire canal system has been damaged badly. All the CM&CD Works constructed in the long back under open head channel system. Modernization of canal system was proposed with JICA loan assistance and proposals for fixing up SID agencies were submitted to the ENC, Medium Irrigation, Hyderabad vide SE/IC/VSP Lr.No.208ENC, dt.18.6.2012 for approval.

Villages Benefitted : 22 Villages

1. Lothugedda 2. Pittada 3. Andra 4. Jayati 5. Mentada 6. Gittapalli 7. Raindrum 8. Rachakindem 9. Kanimeraka 10. Devupalli 11. Bondapalli 12. Salipeta 13. Patha Baggam 14. Kotha Baggam 15. Ganga Cholapenta 16. Konisa 17. Patruvada 18. Chintalavalasa 19. Marupalli 20. Chittiyavalasa 21. Nelivada 22. Madhupada

6. Denkada Anicut

Preamble

The Denkada Anicut was constructed across Champavathi River, Near Saripalli Village in Nellimarla Mandal Vizianagaram District.

Initially there was an Ex-Zamindari Anicut constructed in the year 1848 by Vizianagaram Estate to irrigate an extent of 5,153 Acres(2086 Ha). It was washed off during 1958 due to heavy floods. The existing anicut was taken up during 1959 and commissioned during 1968 i.e., in the III Five year plan with an amount of 39.00 Lakhs.

The total ayacut developed under Denkada Anicut after formation of W.U.As is 5203 Acres (2106 Ha) which lies in Denkada and Bhogapuram Mandals The villages that are being benefited with extents of Ayacut is as follows.

| S.No | Village | Extent(in Acres) |
|-------|-----------------|------------------|
| 1 | Chollangipeta | 59.23 |
| 2 | Denkada | 1313.31 |
| 3 | Pedada | 80.32 |
| 4 | Bantupalli | 388.08 |
| 5 | Singavaram | 496.73 |
| 6 | Nathavalasa | 178.63 |
| 7 | Bhogapuram | 1687.71 |
| 8 | Munjeru | 408.99 |
| 9 | Nandigam | 137.34 |
| 10 | Kota Bhogapuram | 88.33 |
| 11 | Laxmi Puram | 314.56 |
| Total | | 5203.08 Acres |

Denkada Mandal : 2516.30 Acres

Bhogapuram Mandal : 2686.78 Acres

Total : 5203.08 Acres

The length of Main canal is 6.100 Km and the Branches and Distributaries are covering nearly 15 Km to feed 35 Nos of Irrigation Tanks.

The ayacut is being fed by the following channel system whose particulars are as follows

| S.No | Particulars | Extent in Acs | Length in KM | Section in Mts |
|-------|----------------------|---------------|--------------|----------------|
| 1 | Denkada Main Channel | 80 | 6.10 | 6.7 x 1.2 |
| 2 | High Level Branch | 663.56 | 4.02 | 3.6 x 1.2 |
| 3 | Nathavalasa Branch | 1875.45 | 1.90 | 3.6 x 0.9 |
| 4 | Bhogapuram Branch | 2583.87 | 3.80 | 3.0 x 0.6 |
| Total | | 5203.08 | | |

Salient Features

Location : Denkada anicut was constructed across Champavathi river near Saripalli (v),Nellimarla(m).
Ayacut : 5,203 acres

| | |
|-----------------------------|------------------------|
| Mandals Benefitted | : Bhogapuram & Denkada |
| Utilisation | : 1,766 Mcft |
| Dependable Yield | : 10,450 Mcft |
| Maximum Flood Discharge | : 1,60,000 Cusecs |
| Canals | : 4 Nos |
| Length (Kms) | : 15.82 |
| Discharge (Cusecs) | : 170 |
| Cropping Pattern | : Khariff (wet) |
| Basin | : Champavathi |
| Catchment area | : 456 Sq.Miles |
| Mandals | : Denkada, Bhogapuram |
| No.of WUAs | : 5 |
| Year of Construction | : 1968 |
| Budget for the year 2015-16 | : Plan - 0.3500 Crs |
| Villages Benefitted | : 11 |

1. Denkada 2.Singavaram 3.Nathavalasa 4.Jakshnipuram 5.Pedada 6.Bantupalli 7.Bhogapuram 8.Munjeru 9.Chollangipeta 10.Nandigama
11 Kota bhogapuram

Ayacut in Acres

| | |
|--|------------------|
| Denkada Channel System, WUA No.1, Denkada | : 936.65 |
| Denkada Channel System, WUA No.2, Denkada | : 807.10 |
| Denkada Channel System, WUA No.3, Bhogapuram | : 1160.69 |
| Denkada Channel System, WUA No.4, Singavaram | : 1116.83 |
| Denkada Channel System, WUA No.5Bhogapuram | : 1181.85 |
| Total | : 5203.80 |

Canal Particulars

| S.No | Particulars | Extent in Acres | Length in Km | Section in Metres |
|--------------|----------------------|-----------------|--------------|-------------------|
| 1 | Denkada Main Channel | 80.00 | 6.10 | 6.7X 1.2 |
| 2 | High level branch | 663.56 | 4.02 | 3.6X 1.2 |
| 3 | Nathavalasa branch | 1825.45 | 1.90 | 3.6X 0.9 |
| 4 | Bhogapuram branch | 2583.87 | 3.80 | 3.0X 0.6 |
| Total | | 5203.08 | | |

Anicut

| | |
|-------------|------------|
| Length | : 182.88 M |
| Crest level | : +21.85 M |

Irrigation Sluice

| | |
|--------------------|----------------|
| Sill Level | : +20.68 M |
| Size of vent | : 1.50 X 1.2 M |
| Designed discharge | : 170 Cusecs |
| Section | : 6.70 X 1.20 |
| Catchment area | : 456 Sq.Miles |

| CANALS | R/S Canal |
|--------------------|---------------|
| Length (Kms) | 13.20 |
| Discharge (Cusecs) | 170 |
| Ayacut (Acres) | 5203 |
| Cropping Pattern | Khariff (wet) |

7. Peddagedda Reservoir Project

Preamble

Peddagedda Reservoir project is a Medium Irrigation Project Proposed across Peddagedda (also called Vegavathi on its downstream), a tributary to River Suvanamukhi, which itself is a tributary to River Nagavali to irrigate an ayacut of 12,000 Acres in Pachipenta, Salur and R.B.Puram mandals of Vizianagaram District (including stabilization of 4,500 acres under existing Vegavathi Anicut System). Besides this, the scheme provides for drinking water facility to the villages en route the canal.

The Government of Andhra Pradesh have accorded Administrative Approval for the Project vide G.O.Ms No.91, Dt: 19.06.2003 for Rs.2652 Lakhs and vide G.O.Ms No.05, dt: 11.01.2005 for Rs.4667 Lakhs.

Ayacut in Pachipenta, Salur and R.B.Puram Mandals of Vizianagaram District will be benefited by this Project.

Clearances

The stage of clearances received for the Project is as below:

| | |
|-------------------------|---|
| T.A.C. Clearance | : 4-8-2003 |
| Environmental Clearance | : Not required |
| R & R Clearance | : 5 Nos Village completed, 5 Nos Village is in Progress |
| Forest Clearance | : Completed |
| Investment Clearance | : Completed |

Salient Features

| | |
|-------------------------|------------------|
| Estimated Cost | : Rs.73.13 Crore |
| Catchment Area | : 84 Sq Miles |
| Maximum Flood Discharge | : 49,264 Cusecs |
| Gross Storage | : 1.073 TMC |
| Live Storage | : 1.021 TMC |
| Length of Spill Way | : 96 mts |
| Crest Level | : +206.80 M |
| No. of vents and size | : 4No.s |
| Length of Earth Bund | : 2.10 km |
| Top width | : 6.00 M |
| F.R.L | : +213.80 M |
| T.B.L | : +217.60 M |
| No. of Sluices / Canals | : 1No |
| Sill Level of Sluices | : +198.80 M |
| Villages Benefitted | : 28 |

Pachipenta (M) 1. Pachipenta 2. Garlavalasa 3. Garillavalasa 4. Matumuru 5. Gurivinaidupeta 6. Panchali 7. Mothum 8. Panukuvalasa 9. Cherukupalli 10. Viswanadhapuram 11. Karrivalasa 12. Tothavalasa 13. Konambandalasa **Salur (M)** 14. Jeegram 15. Salur 16. Nelliparathi 17. Sivarampuram 18. Gumada 19. Bangarampetta 20. Kurmarajupeta 21. P.N.Boddavalasa **Ramabhadrapuram (M)** 22. Kottakki 23. Jannivalasa 24. Tarapuram 25. R.B.Puram 26. Eitla Mamidpalli 27. Sompuram 28. Bushsivalasa

ON GOING MEDIUM IRRIGATION PROJECT

8. Janjhavathi Reservoir Project

Preamble

Janjhavathi Reservoir Project is an ongoing Medium Irrigation project proposed across Janjhavathi , an interstate River near Rajyalakshmiapuram (v), Komarada (M) of Vizianagaram District. This project is intended to irrigate an ayacut of 24,640 acres benefiting 75 Villages in 5 Mandals i.e., 1. Komarada, 2. Parvatipuram, 3. Garugubilli, 4. Seethanagaram and 5. Makkuva. The scheme was started in the year 1976 with an estimated cost of Rs. 15.51 Crores. Accordingly the works of main components of the project such as Earth dam, canal, Head Sluice, Spillway Regulator etc., have been taken up.

As per Interstate agreement between Chief Ministers of both states on 25-12-78, it was decided to utilize the total available yield of 8 TMC on 50:50 basis i.e., 4 TMC and it was resolved during interstate meeting conducted on 27-07-80 that pending joint survey about submergence area it was agreed that the Government of A.P. could go ahead with the work without closing the gap portion.

This scheme is also included in the prioritized projects and proposed to be completed in 2 years on fast track basis.

This scheme is also included in the prioritized projects, and proposed to be completed in 2 years on fast track basis.

Clearances

| | |
|-------------------------|---|
| T.A.C. Clearance | : To be processed |
| Environmental Clearance | : Not required |
| R & R Clearance | : In Andhra Completed and in Orissa yet to be finalized |
| Forest Clearance | : Not required |

Investment Clearance : To be processed

Salient features

| | |
|-------------------------|--|
| Estimated Cost | : Rs. 12400.00 Lakhs |
| Catchment Area | : 325 Sq Miles |
| Maximum Flood Discharge | : 2,18,953 Cusecs |
| Gross Storage | : 3.40 TMC |
| Live Storage | : 2.774 TMC |
| No of fillings | : 1.02 Nos |
| Length of Spill Way | : 89.50 M |
| Length of NOF dam | : 154 M (From (-)13.50M to (-)167.50M) |
| Length of Bund | : 4.07 KM |
| No. of vents and size | : 6 Nos (12M X 11M) |
| Type of gates | : Radial |
| Crest Level | : +135.20 M |
| Designed MFD | : 2,06,593 Cusecs |
| F.R.L | : +146.20 M |
| T.B.L | : +149.20 M |
| Sill level | : +134.80 M |
| No. of Sluices | : 1 No on R/s. |
| Top width | : 5.00 M |
| Canals | : 2 Nos |
| Lifts | : 1 No with 17M height |
| No of Pumps | : 3 Nos with 650 HPs |

Irrigation Potential

This project is intended to stabilise the ayacut of 5,405 Acres apart irrigating new ayacut of 19,235 Acres totaling 24,640 Acres

Components

The componets of the Project are

1. Head works i.e., Spillway Regulator, Non Over Flow dam, 3.15 km long R/s Earth bund, 0.84 km long L/s Earth bund, 0.08 km long Dyke, Head sluice with 3 vents of 1.20m x 2.00M for discharge of 450 Cusecs etc.,

2. Canals i.e., low level canal of a length 27.15 Km, 1R Distributary of length 27.50 km and link canal of 3.60 Kms.

Source of funding

Under State plan.

Status

A) Head Works

i) Spillway Regulator upto El+137.20M was completed.

ii) NOF Dam was completed except river gap portion for a length of 60 M, where Rubber dam was installed

iii) Earth dam is completed except 80M length of Dyke portion on L/s and 60M gap near head sluice on R/s .

iv) Rubber dam of length 60 M was installed in the River gap portion on NOF dam and it was dedicated by the Hon'ble Chief Minister Dr Y.S.Raja Sekhara Reddy on 1-1-2006.

Balance works(Package-I) are entrusted to M/s Siddardha Constructions Pvt. Limited and Swapna constructions (J.V) under EPC turnkey system for an amount of Rs. 20,79,00,000(1.3649 % Excess) and the works are in progress.

B) Canals

i) Low level canal was completed upto 15.45 Km including CM&CD works .

ii) 1R Distributary from 0/0 to 6 Km was also taken up.

iii) Link canal (connecting NOF dam to Low Level canal) for a length of 3.60 km was completed and water was released to an extent of 9,000 acres on trial basis on 16-9-2005.

Balance works(Package II) are entrusted to M/s R.N.Shetty G.S.R (J.V) under EPC turnkey system for an amount of Rs.36,60,00,000 (2.1916% less) and the works are in progress.

The project is programmed to be completed by 02-03-2007

Land Acquisition

An extent of 295 acres land is acquired for canals against requirement of 1,011 acres. For head works, an extent of 1,070 acres was acquired in A.P. territory and 1,175 acres of land in Orissa territory is to be acquired . Further Land acquisition proposals are under progress.

| | | Required area in acres | Acquired area in acres | Balance area in acres |
|------------|-----------|------------------------|------------------------|-----------------------|
| Head Works | In Andhra | 1,070 | 1,070 | Nil |
| | In Orissa | 1,175 | Nil | 1,175 |
| Canals | In Andhra | 1053.63 | 1046.42 | 7.21 |

Budget provision for the year 2015-16 : 4.50 Crs

Cumulative Expenditure up to 5/2015 : 123.44 Crs

9. Taraka Rama Thirtha Sagaram Reservoir Project

Preamble

The project is proposed across Champavathi river to irrigate an extent of 24,710 acres of ayacut including stabilization of 8172 acres of existing wet ayacut under Kumili channel system. The work was entrusted to M/s CR 18G-BSCPL (JV) vide agt. No.1 SE/2005-06, dt:24-5-2007 for Rs.181.50 Crores. The project will benefit for 49 villages of 3 Mandals i.e. Poosapatirega, Denkada and Bhogapuram of Vizianagaram District. Besides this, the scheme provides drinking water facility to the enroute villages of the canals with 0.162 TMC of water and provides drinking water facility to the Vizianagaram municipality with 0.48 TMC of water from dead storage of reservoir and proposed separate link canal in Right Main Canal at suitable location to provide water supply to the existing ayacut of 5,203 acres under Denkada Anicut System.

As per the Government instructions issued vide its Memo No 1303/M&MI CA-1(2)/2013 dated 30-05-2013, a portion of work costing Rs. 51.30 Crores i.e. from 2.200 to KM 5.749 of main earth dam and Dyke-1 from KM 0.00 to KM 0.890 with its allied works deleted from the original agency with mutual consent and supplemental agreement was concluded by the SE, TTPR Circle, Vizianagaram vide supplemental agreement No. 1SE dated 03-06-2013 for Rs.130.20 Cr. As per the instructions of higher authorities, for the deleted portion of work, tenders were called for and the work was entrusted to M/s SCL Infratech Ltd., Hyderabad under package-21A of EPC turnkey system vide Agreement No.1SE Dt.18-10-2013 for Rs.172.23 Crores with an agreement period of 18 Months i.e., up to 17-04-2015. Proposals has been sent to Government for Revised Administrative Approval for Rs.475.00 Cr.

Salient Features

| Name of the Project | taraka rama thirtha sagaram reservoir |
|-------------------------|---------------------------------------|
| Location of the Project | Kotagandredu Village, |
| | Gurla Mandal, |
| | Vizianagaram District |
| Name of the River | Champavathi |
| Longitude | 83° 26' 32" E |
| Latitude | 18° 13' 44" N |
| Water Availability | 5.80 TMC |
| Catchment area | 1,028.23 Sq. KM |
| Barrage | |
| Maximum Flood Discharge | 2034 Cumecs |
| FRL | +42.50 M |
| MWL | +43.50 M |
| Crest Level | +39.00 M |
| Length of the Barrage | 184.00 M |
| No. of Vents | 12 |
| No. Scour Vents | 1 |
| Head Regulator | |

| | |
|--|---|
| Discharge | 34.12 Cumecs |
| No. of Vents | 3 |
| Sill Level | +41.00 M |
| Angle with Barrage | 90° |
| Afflux Bunds | |
| TBL | +45.50 M |
| Left | 0.71 KM |
| Right | 0.76 KM |
| Diversion Canal (Including Tunnel and Transitions from KM 9.438 to KM 10.910) | |
| Length (Including Tunnel) | 13.428 KM |
| Bed Level (at Head) | +39.80 M |
| FSL | +42.20 M |
| TBL | +42.95 M |
| Bed Width | 18.40 M/ 17.60 M |
| Surface Fall | 1 in 10,000/ 1 in 9,000 |
| Side Slopes | 1.5 : 1 / 2 : 1 |
| FSD | 2.40 M |
| Discharge | 34.15 Cumecs |
| Length of Tunnel | 1.025 KM |
| CM & CD Works | 28 Nos |
| Diameter | 6.00 M (Horse shoe type) |
| Entrance Length | 412 M (Cut & Cover- 381M + Transition -31 M) |
| Exit Length | 35 M (Transition) |
| Kumili Reservoir | |
| FRL | +38.00 M |
| TBL | +42.50 M |
| MDDL | +31.00 M |
| Top Width | 6.00 M |
| Maximum Bund Height | 21.50 M |
| Capacity (Net) | 2.700 TMC |
| No. of Sluices | 2 |
| Sill Level | Right :+31.00 M Left : +31.20 M |
| Length of Earth Bund including 3 Dykes | 9.243 KM |
| a. Earth Dam | 5.749 KM |
| b. Dyke-1 | 0.890 KM |
| c. Dyke-2 | 1.104 KM |
| d. Dyke-3 | 1.500 KM |
| Ayacut | 24,710 Acres or 10,000 Hectares |
| Surplus Weir | |
| MFD | 493 Cumecs |
| Length of the Weir | 157.00 M |
| Crest Level | +38.00 M |
| Right Main Canal | |
| Length | 19.275 KM |
| Sill Level | +31.00 M |
| FSL | +32.20 M |
| Bed Width | 5.10 M |
| Discharge | 3.55 Cumecs |
| Ayacut | 14,786 Acres |
| CM & CD Works | 45 (Tentative) |
| Left Main Canal | |
| Length | 6.100 KM |
| Sill Level | +31.20 M |
| FSL | +32.20 M |

| | |
|---------------|----------------|
| Bed Width | 4.10 M |
| Discharge | 2.77 Cumecs |
| Ayacut | 9,924 Acres |
| CM & CD Works | 16 (Tentitive) |

Mandal wise Ayacut Benefited in Vizianagaram District

| Name of the Mandal | Ayacut (Acres) | No. of Villages |
|---|----------------|-----------------|
| Denkada | 4,783 | 20 |
| Bhogapuram | 6,606 | 17 |
| Pusapatirega | 5,149 | 12 |
| Existing Ayacut for stabilization Under Kumili Channel System and under Tanks | 8,172 | |
| Total | 24,710 | 49 |

1. So far 36% of work was completed and the balance works are in progress. Total expenditure on this project so far is Rs 171.143 Cr. (Rs 108.770 Cr for Works, Rs. 46.762 Cr for LA and Rs.15.631 Cr for Others) to the end of June-2015. The project is funded by AIBP.

2. An extent of 3,600 Ac (tentative) is required for this project. So far 3256.39 acres of land was requisitioned and 3002.95 Acres of land was acquired.

3. Three villages namely (1) Koradapeta (2) A.T.Agraharam (3) Padalapeta H/o A.T.Agraharam of Nellimarla (M) were declared for R&R by the Government. Valuation of structures is in progress. Socio economic survey is to be conducted by the Revenue authorities.

Bottle necks

1. Forest Clearance: For Tunnel portion From KM 9.438 to KM 10.910 About 10.92 Acres of Land in Reserve Forest is required for Diversion Canal. The revised requisition (Fresh Proposals as desired by the Forest authorities) has been sent to Forest Department for denotification of this land.

2. Railway Crossing: Designs and Estimate of Railway Crossing @ CH 6.910 Km on Diversion Canal was finalised and recently Rs. 15.48 Cr have been deposited to Railway department towards Wayleave Charges and Estimate Cost for Construction of Railway crossing.

Mandal wise Ayacut Benefited in Vizianagaram District

| Name of Work | | Rama Thirtha Sagaram Reservoir Project, Viziangaram | |
|-------------------|------------------|---|----------------|
| Estimate Cost | | Rs.173.07 Cores | |
| Agreement Value | | Rs.181.50 Crores. | |
| Ayacut | | Rs.24,710 Acres (Medium Irrigation) | |
| Funding | | AIBP Programme. | |
| Benefited Mandals | | Pusapatirega, Denkada and Bhogapuram (49 villages) | |
| Executing agency | | M/s CR18G-BSCPL(JV), Hyderabad. | |
| Expenditure | | | |
| Works | Land Acquisition | Others | Total |
| Rs. 108.770 Cr | Rs. 46.762 Cr | Rs. 15.631 Cr. | Rs. 171.143Cr. |

Note: Rs.18.34 Crores was released for L.A and deposited at Land Acquisition authority.

| | |
|---------------------------------------|---|
| Works done upto 2011 | 25% (overall) |
| Barrage | 80% completed |
| Diversion Canal | 60% completed |
| Tunnel | Work pending due to Archeological and Forest clearance. |
| Railway crossing | Designs pending at Chief Bridge Engineer. S.E. Railway, Bhubaneswar. |
| Reservoir | Earth dam work is under progress. |
| Dyke-I and its allied works | It is to be started. |
| Dyke-II | Work is not yet started. Land Acquisition is under progress. |
| Dyke-III | Work is in progress. |
| Left and Right Main Canals | Under Investigation |
| Distributory net work | Under Investigation |
| Extension of time Proposals | Package No. 21: Adhoc EOT is given upto 31.07.2015. Package No. 21(A): Adhoc EOT is given upto 31.07.2015 |
| Budget provision for the year 2015-16 | 44.8000 Crs |
| Cumulative Expenditure up to 5/2015 | 172.2000 Crs |

CONTEMPLATED SCHEMES**Contemplated Major Irrigation Projects**

| S.No | Name of the Project | Village | Mandal | Estimated Amount in Lakhs | Ayacut in Acres | Funding agency | Remarks / Stazge |
|------|---------------------|---------|--------|---------------------------|-----------------|----------------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| NIL | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Contemplated Medium Irrigation Projects

| S.No | Name of the Project | Village | Mandal | Estimated Amount in Lakhs | Ayacut in Acres | Funding agency | Remarks / Stage |
|------|--|------------|--------------|---------------------------|-----------------|----------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Additional ayacut under V.R.S Project | Bobbili | Bobbili | 570.00 | 5000 | State Plan | Tenders are Called for and work is in progress |
| 2 | Formation of Reservoir across Gummidigedda | Singupuram | Kurupam | 985.89 | 600 | TSP | Progress |
| | | | Total | 1555.89 | 5600 | | |

Contemplated Minor Irrigation Projects

| S.No | Name of the Project | Village | Mandal | Estimated Amount in Lakhs | Ayacut in Acres | Funding agency | Remarks / Stage |
|------|--|------------------|--------------|---------------------------|-----------------|----------------|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Reservoir across Kanusulagummidigedda | Kemisila | Komarada | 350 | 1868 | - | Submergence of Forest area required |
| 2 | Reservoir across Saruguduguda Gedda | Saruguduguda | Komarada | 498 | 479 | - | Administrative approval is awaited |
| 3 | Reservoir across Vanakabadigedda | Battu mugavalasa | Komarada | 686 | 1038 | TSP | Technical sanction awaited |
| 4 | Reservoir across Badidevaragedda | Pindilova | Parvatipuram | - | 394 | - | Under Investigation |
| 5 | Formation of reservoir across Cherukupalli gedda | P.Konavalasa | Pachipenta | 390 | 2000 | - | H.C.required |
| 6 | Reservoir across Sarava gedda | Datti | Dattirajeru | 200 | 350 | - | Under Investigation |
| 2 | Formation of Mini Reservoir | Devupalli | Bondapalli | 200 | 300 | - | Under Investigation |
| 3 | Reservoir across Errigedda near Bodimetta | Poram | Mentada | 500 | 1200 | - | Under Investigation |
| 4 | Anicut across Lingalavalasa gedda | Pedakada | Dattirajeru | 150 | 500 | | Under Investigation |
| 5 | Improvements to Vijayarama sagaram tank | Kondagangupudi | Vepada | 148 | 680 | - | Work completed |
| | | | Total | 1924 | 5779 | | |

ONGOING PROJECTS UNDER MAJOR IRRIGATION

| No. | Name of the Project. | Total Cost of the Project (Cost of works +LA+RR & Others) | Proposed ayacut | I.P created upto 31-03-2004 | Expenditure upto 03/04 | Expenditure from 04/04 to 03/2015 | Likely date of completion | I.P to be created with cost | | | | | |
|-----|-----------------------------|---|-----------------|-----------------------------|------------------------|-----------------------------------|---------------------------|-----------------------------|---------|---------|---------|---------|---------|
| | | | | | | | | upto 31-03-2009 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | Thotapalli Barrage Project, | Rs.774.90 | 62055 | Nil | Nil | Rs.39012 | July-15 | Nil | Nil | Nil | Nil | Nil | Nil |

ONGOING PROJECTS UNDER MEDIUM IRRIGATION

| Name of the Project. | Total Cost of the Project (Cost of works +LA+RR & Others) | Proposed ayacut | I.P created upto 31-03-2004 | Expenditure upto 03/04 | Expenditure from 04/04 to 03/2015 | Likely date of completion | I.P to be created with cost | | | | | Remarks | |
|---|---|-----------------|-----------------------------|------------------------|-----------------------------------|---------------------------|-----------------------------|-----------------------------|---------|---------|---------|---------|-----------------------|
| | | | | | | | upto 31-03-2009 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | | 2014-15 |
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Tharaka Rama Thirtha Sagaram Reservoir Project, Sagaram Dist. | 47500 | 24,710 | Nil | Nil | Nil | July-17 | Nil | Nil | Nil | Nil | Nil | Nil | Work in Progress |
| Savathi Reservoir Project | 12400 | 24640 | Nil | 3374 | 3648 | March-14 | 9,000 Acres / Rs.7000 lakhs | 15,640 Acres/ Rs.5400 lakhs | Nil | Nil | Nil | Nil | Works are in progress |

Contemplated Medium Irrigation Projects

| S.No | Name of the Project | Village | Mandal | Estimated Amount in Lakhs | Ayacut in Acres | Funding agency | Remarks / Stage |
|------|--|--------------------|------------|---------------------------|-----------------|----------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Tharaka Rama Thirtha Sagaram Reservoir Project | Denkada | Denkada | Rs. 475.00 Cr | 788 | State Plan | Project is ongoing Project Revised Administrative Proposals for Rs.475.00 Cr submitted to the Govt. |
| | | D.Kollam | | | 65 | | |
| | | Munginapalli | | | 85 | | |
| | | Gunupuru | | | 814 | | |
| | | Pinatadivada | | | 757 | | |
| | | Pedatadivada | | | 398 | | |
| | | Pedada | | | 557 | | |
| | | Bantupalli | | | 359 | | |
| | | Vedullavalasa | | | 292 | | |
| | | Bellam | | | 221 | | |
| | | D.Tallavalasa | | | 458 | | |
| | | Akkivaram | | | 342 | | |
| | | Gollgam | | | 360 | | |
| | | Rajulatamma Puram | | | 357 | | |
| | | Bangaru Rajupeta | | | 52 | | |
| | | Mopada | | | 633 | | |
| | | Maduvalasa | | | 107 | | |
| | | Gantalam | | | 104 | | |
| | | T.Chollagi peta | | | 735 | | |
| | | Dwarapureddi Palem | | | 382 | | |
| | | Kotabhogapuram | Bhogapuram | 149 | | | |
| | | Bhogapuram East | 1,007 | | | | |
| | | Bhogapuram West | 1,044 | | | | |
| | | Munjaru | 1,376 | | | | |
| | | Jaggapeta | 203 | | | | |
| | | Chakivalasa | 326 | | | | |
| | | Laxmipuram | 140 | | | | |
| | | Savaravalli | 257 | | | | |
| | | Pollipalli | 240 | | | | |
| | | Gudepivalasa | 1,126 | | | | |
| | | Kancharu | 1,254 | | | | |
| | | Rajapulova | 66 | | | | |
| | | Kongavanipalem | 523 | | | | |
| | | Kancherupalaem | 120 | | | | |
| | | Cherukupalli | 55 | | | | |

| | | | | | | |
|--|--|----------------|--------------|--------|--|--|
| | | Gudiwada | | 43 | | |
| | | Subbannapeta | | 108 | | |
| | | Kumili | | 1527 | | |
| | | Burravanipalem | | 302 | | |
| | | Relivalasa | | 1297 | | |
| | | Pusapatirega | | 949 | | |
| | | Pusapatipalem | | 196 | | |
| | | Kopperla | Pusapatirega | 759 | | |
| | | Erukonda | | 427 | | |
| | | Perapuram | | 469 | | |
| | | Vempadam | | 1327 | | |
| | | Pasupam | | 422 | | |
| | | Nadipalli | | 542 | | |
| | | Kondada | | 590 | | |
| | | | | 24,710 | | |

ONGOING MINOR IRRIGATION PROJECTS

| S.No | Name of the Project | Village | Mandal | Estimated Amount in Lakhs | Ayacut in Acres | Funding agency | Programmed date of Completion |
|------|--|-----------------|---------------|---------------------------|-----------------|----------------|-------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Gummidgedda Anicut & Right Main Canal | Karlagandi | Kurupam | 119 | 1,000 | RIDF - VI | Mar-14 |
| 2 | Kancharigedda Reservoir | Kasimdoravalasa | Bobbili | 172 | 494 | RIDF - IX | Mar-14 |
| 3 | Reservoir across Palagedda , Nulagedda and Mulagedda | Kurupam | Kurupam | 118 | 400 | State Plan | Mar-14 |
| 4 | Anicut across Peddagedda | Dalaivalasa | Saluru | 64 | 200 | State Plan | Mar-14 |
| 5 | Anicut across Adarugedda | Duggeru | Makkuva | 75 | 573 | State Plan | Mar-14 |
| 6 | Linking Gummidgedda to Vottigedda | Reigid | G.L. Puram | 189 | 538 | TSP | Mar-14 |
| 7 | Anicut across Adarugedda | Adaru | Parvathipuram | 415 | 800 | TSP | Mar-14 |
| 8 | Reservoir across Pavuraigedda | Peddavalasa | Saluru | 60 | 203 | State Plan | Mar-14 |
| | | | Total | 1212 | 4208 | | |

COMPLETED SCHEMES

COMPLETED PROJECTS UNDER MAJOR IRRIGATION

| S.No. | Name of the Project. | Estimate cost of the Project/ Revised cost. | Expenditure upto 31-3-2004. | Expenditure beyond 31-3-2004. | Total Expenditure | Total ayacut under the Project. | I.P. created upto 31-3-2004. | I.P. created beyond 31-3-2004 | Total I.P. Created | Remarks. |
|-------|----------------------|---|-----------------------------|-------------------------------|-------------------|---------------------------------|------------------------------|-------------------------------|--------------------|----------|
| 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| NIL | | | | | | | | | | |

Completed projects under medium irrigation

| S.No | Name of the Project. | Estimate cost of the Project/ Revised cost. | Expenditure upto 31-3-2004. | Expenditure beyond 31-3-2004. | Total Expenditure | Total ayacut under the Project. | I.P. created upto 31-3-2004 | I.P. created beyond 31-3-2004 | Total I.P. Created | Remarks. |
|------|-----------------------------|---|-----------------------------|-------------------------------|-------------------|---------------------------------|-----------------------------|-------------------------------|--------------------|----------|
| 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | Vottigedda Reservoir | 77.2 | 76 | - | 76 | 16,670 | 16,670 | Nil | 16,670 | Nil |
| 2 | Vengalaraya sagaram Project | 1378.83 | 1378.83 | - | 1378.83 | 24,700 | 24,700 | Nil | 24,700 | Nil |
| 3 | Peddankalam Anicut | 240 | 198.74 | - | 198.74 | 8,160 | 8,160 | Nil | 8,160 | Nil |
| 4 | Peddagedda Project | | 7317 | - | 7317 | 12,000 | 4,500 | Nil | 12,000 | Nil |
| 5 | Thatipudi Reservoir | 243 | 243 | - | 243 | 15,366 | 15,366 | Nil | 15,366 | Nil |

| 6 | Denkada Anicut | 39 | 39 | - | 39 | 5,203 | 5,203 | Nil | 5,203 | Nil |
|--------------|-------------------------|---|-----------------------------|-------------------------------|-------------------|---------------------------------|------------------------------|-------------------------------|--------------------|--|
| 7 | Andra Reservoir Project | 3990 / 4116.80 | 3990 | 52.83 | 4042.8 | 9,426 | 9,426 | Nil | 9,426 | 4,100 acres will be created by June,2006 |
| Total | | | | | | | | | 61,530 | |
| S.No | Name of the Project. | Estimate cost of the Project/ Revised cost. | Expenditure upto 31-3-2004. | Expenditure beyond 31-3-2004. | Total Expenditure | Total ayacut under the Project. | I.P. created upto 31-3-2004. | I.P. created beyond 31-3-2004 | Total I.P. Created | |
| 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| 1 | seethanagaram Anicut | 2.36 | 2.3 | - | 2.3 | 3,755 | 4,118 | Nil | 3,750 | |
| 2 | Vegavathi Anicut | 23.31 | 23.08 | - | 23.08 | 2,664 | 4,142 | Nil | 4,142 | |
| 3 | Paradhi Anicut | - | 8,188 | Nil | | | | | | |
| Total | | | | | | | | | 7,892 | |

MINOR IRRIGATION PROJECT**Completed Schemes Under Minor Irrigation**

| S.No | Waterbodies | Total Nos. | Ayacut in Acres |
|--------------|----------------------------|------------|-----------------|
| 1 | 2 | 3 | 4 |
| 1 | Above 100 Acres (I&CADD..) | 6 | 6079 |
| Total | | 6 | 6,079 |

Minor Irrigation Schemes MI & PR tanks

| S.No | Name of the constituency | Name of Mandal | No. of Tanks & Ayacut | | | | | | | | | | | Total No. of Tanks | Total Ayacut in Acres |
|--------------|--------------------------|-------------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------|--------------------|-----------------------|
| | | | <10 Ha | | | | 10- 40 Ha | | | | >40 Ha | | | | |
| | | | No. of PR Tanks | Ayacut in Acres | No. of MI Tanks | Ayacut in Acres | No. of PR Tanks | Ayacut in Acres | No. of MI Tanks | Ayacut in Acres | No. of MI Tanks | Ayacut in Acres | Direct Ayacut in Acres | | |
| 1 | Vizianagaram | Vizianagaram | 159 | 1806.08 | 4 | 74.80 | 60 | 2709.82 | 10 | 535.84 | 14 | 2783.46 | 179.20 | 247 | 8089.20 |
| 2 | Nellimarla | Pusapatirega | 147 | 1549.71 | 24 | 322.34 | 56 | 2563.69 | 25 | 1234.31 | 10 | 3813.40 | 724.99 | 262 | 10208.44 |
| 3 | Nellimarla | Bhogapuram | 68 | 649.23 | 0 | 0.00 | 28 | 1376.40 | 0 | 0.00 | 2 | 1226.41 | 0.00 | 98 | 3252.04 |
| 4 | Nellimarla | Denkada | 113 | 1239.53 | 0 | 0.00 | 78 | 3938.48 | 9 | 469.64 | 8 | 1450.48 | 0.00 | 208 | 7098.13 |
| 5 | Nellimarla | Nellimarla | 186 | 2066.35 | 7 | 107.71 | 68 | 2868.66 | 4 | 207.98 | 13 | 2317.20 | 0.00 | 278 | 7567.90 |
| 6 | Cheepurupalli | Gurla | 225 | 2420.59 | 27 | 376.06 | 72 | 2963.69 | 33 | 1825.97 | 19 | 4351.78 | 0.00 | 376 | 11938.09 |
| 7 | Cheepurupalli | Cheepurupalli | 151 | 1672.87 | 6 | 67.09 | 43 | 1767.70 | 12 | 671.40 | 19 | 3448.87 | 0.00 | 231 | 7627.93 |
| 8 | Cheepurupalli | Merakamudidam | 217 | 2454.12 | 11 | 422.57 | 67 | 2643.82 | 9 | 479.94 | 12 | 2165.58 | 0.00 | 316 | 8166.03 |
| 9 | Cheepurupalli | Garividi | 231 | 2256.94 | 13 | 208.35 | 45 | 1839.78 | 18 | 955.49 | 17 | 3210.72 | 0.00 | 324 | 8471.28 |
| 10 | G.P.Nagaram | Bondapalli | 287 | 2975.45 | 7 | 119.45 | 98 | 4239.42 | 15 | 800.62 | 13 | 2020.39 | 155.99 | 420 | 10311.32 |
| 11 | G.P.Nagaram | Dattirajeru | 276 | 3032.19 | 25 | 323.95 | 116 | 4888.68 | 37 | 1739.01 | 14 | 2099.04 | 1203.55 | 468 | 13286.42 |
| 12 | G.P.Nagaram | Gajapathi nagaram | 171 | 1656.19 | 11 | 192.89 | 49 | 2087.70 | 20 | 944.89 | 13 | 1898.69 | 596.92 | 264 | 7377.28 |
| 13 | G.P.Nagaram | Gantyada | 237 | 2491.81 | 4 | 61.01 | 99 | 4475.15 | 19 | 932.41 | 14 | 3058.13 | 143.94 | 373 | 11162.45 |
| 14 | Saluru | Mentada | 209 | 2006.43 | 6 | 90.71 | 85 | 3743.14 | 25 | 1179.68 | 11 | 1557.17 | 618.17 | 336 | 9195.30 |
| 15 | S.Kota | S.Kota | 155 | 1490.70 | 20 | 251.72 | 40 | 1927.01 | 18 | 694.45 | 26 | 4749.76 | 216.83 | 259 | 9330.47 |
| 16 | S.Kota | Vepada | 185 | 2125.03 | 3 | 45.69 | 66 | 2904.24 | 16 | 764.90 | 27 | 4896.88 | 0 | 297 | 10736.74 |
| 17 | S.Kota | L.Kota | 192 | 2221.82 | 2 | 35.53 | 96 | 3812.11 | 4 | 275.59 | 24 | 4984.13 | 0 | 318 | 11329.18 |
| 18 | S.Kota | Kothavalasa | 190 | 2066.20 | 5 | 80.60 | 61 | 2453.80 | 8 | 480.83 | 5 | 775.50 | 0 | 269 | 5856.93 |
| 19 | S.Kota | Jami | 56 | 720.72 | 9 | 103.44 | 32 | 1207.90 | 19 | 1042.00 | 13 | 3976.33 | 588.91 | 129 | 7639.30 |
| Total | | | 3455 | 36901.96 | 184 | 2883.91 | 1259 | 54411.19 | 301 | 15234.95 | 274 | 54783.92 | 4428.50 | 5473 | 168644.43 |

Mandal wise ayacut particulars of small M.I.(P.R.)Tanks in respect of irrigation division, vizianagaram

| S.No | Name of the constituency | Name of Mandal | Total No. of Tanks | Total Ayacut in Acres |
|------|--------------------------|-------------------|--------------------|-----------------------|
| 1 | Vizianagaram | Vizianagaram | 219 | 4515.9 |
| 2 | Nellimarla | Pusapatirega | 203 | 4113.4 |
| 3 | Nellimarla | Bhogapuram | 96 | 2025.63 |
| 4 | Nellimarla | Denkada | 191 | 5178.01 |
| 5 | Nellimarla | Nellimarla | 254 | 4935.01 |
| 6 | Cheepurupalli | Gurla | 297 | 5384.28 |
| 7 | Cheepurupalli | Cheepurupalli | 194 | 3440.57 |
| 8 | Cheepurupalli | Merakamudidam | 284 | 5097.94 |
| 9 | Cheepurupalli | Garividi | 276 | 4096.72 |
| 10 | G.P.Nagaram | Bondapalli | 385 | 7214.88 |
| 11 | G.P.Nagaram | Dattirajeru | 392 | 7920.86 |
| 12 | G.P.Nagaram | Gajapathi nagaram | 220 | 3743.89 |
| 13 | G.P.Nagaram | Gantyada | 336 | 6966.96 |
| 14 | Saluru | Mentada | 294 | 5749.57 |
| 15 | S.Kota | S.Kota | 195 | 3417.71 |
| 16 | S.Kota | Vepada | 251 | 5029.28 |
| 17 | S.Kota | L.Kota | 288 | 6033.93 |
| 18 | S.Kota | Kothavalasa | 251 | 4520 |
| 19 | S.Kota | Jami | 88 | 1928.62 |
| | | Total | 4714 | 91313.16 |

Minor Irrigation Sources Below 100 Acres

| Constituency | Name of the Mandal | Small Tanks (Below 100 Acres) | |
|--------------|--------------------|-------------------------------|--------------------|
| | | No of PR Tanks | Ayacut (in Acres) |
| 1 | 2 | 3 | 4 |
| Parvatipuram | Parvathipuram | 395 | 8299.36 |
| | Seethanagaram | 301 | 5746.33 |
| | Balijipeta | 304 | 5281.1 |
| Salur | Salur | 219 | 3297.07 |
| | Makkuva | 312 | 4678.56 |
| | Pachipenta | 74 | 989.67 |
| Bobbili | Bobbili | 301 | 6431.75 |
| | Badangi | 323 | 6615.18 |
| | Therlam | 414 | 6939.66 |
| | R.B.Puram | 270 | 4573.49 |
| Kurupam | Garugubilli | 245 | 4334.4 |
| | Komarada | 209 | 3105.23 |
| | G.L.Puram | 25 | 959.53 |
| | Kurupam | 50 | 1313.67 |
| | J.M.Valasa | 83 | 1235.24 |
| Total | | 3525 | 63800.24 |

A.P.S.I.D.C.

Status Of Commissioned Lift Irrigation Schemes

| S.No | Name of the Constituency | Total | | Working & Partially working | | Not Working | | | | Estimates submitted for Revival / Renovation | | |
|------|--------------------------|-------|-----------------|-----------------------------|-----------------|-----------------|-----------------|---------------------------------|-----------------|--|-----------------|------------------------|
| | | No. | Ayacut in Acres | No. | Ayacut in Acres | Fit for Revival | | Not Fit for Revival / Abandoned | | No. | Ayacut in acres | Est.cost (Rs.in lakhs) |
| | | | | | | No. | Ayacut in Acres | No. | Ayacut in Acres | | | |
| 1 | Saluru | 11 | 2655 | 6 | 1055 | 2 | 350 | 3 | 1250 | 1 | 150 | 41.22 |
| 2 | Parwathipuram | 6 | 1484 | 3 | 848 | 2 | 618 | 1 | 18 | 3 | 968 | 214.19 |
| 3 | Kurupam | 13 | 2127 | 1 | 200 | 2 | 380 | 10 | 1547 | 3 | 580 | 367.22 |
| 4 | Cheepurupalli | 1 | 192 | - | - | 1 | 192 | - | - | - | - | - |

| | | | | | | | | | | | | |
|-------|------------------|----|------|----|------|----|------|----|------|----|------|---------|
| 5 | Gajapathinagaram | 2 | 438 | 1 | 88 | 1 | 350 | - | - | 1 | 350 | 68.29 |
| 6 | Nellimerla | 8 | 2135 | 1 | 221 | 5 | 1124 | 2 | 790 | 4 | 900 | 287.77 |
| 7 | Srungavarapukota | 1 | 300 | - | - | 1 | 300 | - | - | 1 | 300 | 46.24 |
| 8 | Bobbili | 1 | 300 | - | - | 1 | 300 | - | - | 0 | | |
| Total | | 43 | 9631 | 12 | 2412 | 15 | 3614 | 16 | 3605 | 13 | 3248 | 1024.93 |

Ayacut above 100 Acres (M.I tanks)

| S.No | Mandal | No. of sources | Total Ayacut in Acres |
|------|---------------|----------------|-----------------------|
| 1 | Parvathipuram | 27 | 6155.00 |
| 2 | Seethanagaram | 18 | 7497.87 |
| 3 | Balijipeta | 13 | 2371.66 |
| 4 | Salur | 10 | 1590.07 |
| 5 | Makkuva | 4 | 2970.05 |
| 6 | Merakamudidam | 4 | 942.92 |
| 7 | Dattirejeru | 3 | 555.41 |
| 8 | Bobbili | 13 | 3089.80 |
| 9 | Badangi | 9 | 1540.63 |
| 10 | Therlam | 18 | 3900.90 |
| 11 | R.B.Puram | 3 | 1099.67 |
| 12 | Garugubilli | 14 | 3466.50 |
| 13 | Komarada | 11 | 2439.65 |
| 14 | G.L.Puram | 11 | 3084.19 |
| 15 | Kurupam | 22 | 5139.72 |
| 16 | J.M.Valasa | 5 | 1622.56 |
| | Total | 185 | 47466.60 |

Thotapalli barrage project Mandal wise, village wise ayacut particulars

| Name of the Mandal | Name of the Village | Ayacut in Acres |
|------------------------------|-------------------------|-----------------|
| 1 | 2 | 3 |
| Vizianagaram district | | |
| Seethanagaram (498.03 Acres) | 1. Dayanidhipuram. | 148.03 |
| | 2. Jaganadhapuram. | 200 |
| | 3. China Ankalam. | 70 |
| | 4. Gadalavalasa. | 80 |
| Bobbili (4567.00 Acres) | 1. Pakki. | 865 |
| | 2. Chintada. | 1200 |
| | 3. Muttuvalasa. | 72 |
| | 4. Piridi | 150 |
| | 5. Karada | 568 |
| | 6. Kammavalasa. | 317 |
| | 7. Alazangi. | 248 |
| | 8. Burjavalasa. | 230 |
| | 9. Rangarai puram. | 102 |
| | 10. Gollapalli. | 815 |
| Baligipeta (4956.00 Acres) | 1. Subhadra. | 225 |
| | 2. Barli. | 902 |
| | 3. Pedapenki. | 1415 |
| | 4. Sri Ranga Rajapuram. | 250 |
| | 5. Narannaiduvalasa. | 413 |
| | 6. Gangada. | 600 |
| | 7. Vantaram. | 293 |
| | 8. Panukuvalasa. | 200 |
| | 9. Gollabilli. | 250 |
| | 10. Ampavalli. | 380 |

| | | |
|--------------------------|-----------------------------|--------|
| | 11. Tumarada. | 100 |
| Terlam (11669.50 Acres) | 1. Uddavolu. | 842.1 |
| | 2. Sativada | 205 |
| | 3. Sundarada. | 657 |
| | 4. Sitarampuram | 47 |
| | 5. Sitarampuram (Korlam) | 65 |
| | 6. G.R.Gadabavalasa. | 200 |
| | 7. Arasabalaga. | 300 |
| | 8. Terlam. | 4588.4 |
| | 9. Lotecherla. | 400 |
| | 10.Kancheru. | 730 |
| | 11. Nemalam. | 250 |
| | 12. Nandabalaga. | 920 |
| | 13. Gangannapadu. | 200 |
| | 14. M.R.Agraharam. | 346 |
| | 15. Lingapuram. | 63 |
| | 16. Aamiti. | 827 |
| | 17. kollivalasa. | 48 |
| | 18. Kortam. | 129 |
| | 19. Vijayarampuram(Koratam) | 90 |
| | 20. Golugu Valasa. | 77 |
| | 21. Antlavara. | 23 |
| | 22. Nandigam. | 250 |
| | 23. Rajayyapeta. | 170 |
| | 24. Ramanna (Agr.) | 35 |
| | 25. Kusumuru. | 207 |
| Badangi (1730.00 Acres) | 1. Annavaram. | 329 |
| | 2. Rejeru | 100 |
| | 3. Vadada. | 1001 |
| | 4. Pinapenki. | 300 |
| Gurla (50.00 Acres) | 1. Lavidam. | 50 |
| Garividi (91.00 Acres) | 1. V.P.Reg | 20 |
| | 2. Regatipeta. | 71 |
| Gurla (9788.00 Acres) | 1. Thativari Kittali. | 361 |
| | 2. Penubarthi. | 189 |
| | 3. Polayavalasa. | 621 |
| | 4. Tettangi. | 594 |
| | 5. Gujjangivalasa. | 350 |
| | 6. Gudem | 1375 |
| | 7. Nalla Cheruvu | 88 |
| | 8. Palavalasa. | 499 |
| | 9. G.J.Puram. | 68 |
| | 10. Garida. | 152 |
| | 11. Goshada. | 260 |
| | 12. Gurla. | 132 |
| | 13. Ka-lavacherla. | 93 |
| | 14. Sadanapuram. | 27 |
| | 15. Nagallavalasa. | 200 |
| | 16. Jammu. | 681 |
| | 17. Kella. | 961 |
| | 18. Vallapuram. | 899 |
| | 19. Tatipudi. | 441 |
| | 20. Golajam. | 207 |
| | 21. Ragolu. | 592 |
| | 22. Damarasingi. | 398 |

| | | |
|--------------------------------|--------------------------|------|
| | 23. Solipi Somarajupeta. | 317 |
| | 24. Maniyapuripeta. | 120 |
| | 25. Mota Gandrudu. | 262 |
| Nellimarla (7119.00 Acres) | 1. Boppadam. | 437 |
| | 2. Pinatharini. | 456 |
| | 3. Madupata. | 399 |
| | 4. Alugolu. | 1465 |
| | 5. Gushemi. | 1049 |
| | 6. Valluru. | 279 |
| | 7. Pedatharimi. | 204 |
| | 8. Malyada. | 497 |
| | 9. Ommi. | 444 |
| | 10. Tammapuram. | 289 |
| | 11. Sathivada. | 805 |
| | 12. Althipalam. | 194 |
| | 13. Tangudubilli. | 396 |
| | 14. D.Nolivada. | 205 |
| Pusapatirega (5837.00 Acres) | 1. Kanimella. | 349 |
| | 2. Ganithula Chodavaram. | 215 |
| | 3. Pedapathivalasa. | 58 |
| | 4. China pathivalasa. | 76 |
| | 5. Poram. | 166 |
| | 6. Maimetta. | 126 |
| | 7. Kmavaram. | 105 |
| | 8. Alladapalem. | 190 |
| | 9. Lankalapallipalem. | 92 |
| | 10. Kandivalasa. | 516 |
| | 11. Govindapuram. | 634 |
| | 12. Kovvada. | 562 |
| | 13. Gumpam. | 263 |
| | 14. Choudavada. | 535 |
| | 15. Bharanikam. | 522 |
| | 16. Krishnbapuram. | 522 |
| | 17. Konayyapalem. | 205 |
| | 18. Roluchoppidi. | 143 |
| | 19. Palanki. | 266 |
| | 20. Tottadam. | 292 |
| Cheepurupalli (10,406 Acres) | 1. Ravivalasa. | 400 |
| | 2. Alazangi. | 215 |
| | 3. Ramalingapuram | 24 |
| | 4. Viswanadhapuram. | 128 |
| | 5. Mettapalli. | 227 |
| | 6. Arthivalasa. | 246 |
| | 7. Perapi. | 609 |
| | 8. Lakshmipuram. | 297 |
| | 9. Karatam. | 282 |
| | 10. Senkupalem. | 28 |
| | 11. Itikeriapalli. | 682 |
| | 12. Gollamulagam. | 337 |
| | 13. Chinanadipali. | 474 |
| | 14. Pedanadipalli. | 409 |
| | 15. Gatchalavalasa. | 24 |
| | 16. Pattikayavalasa. | 313 |
| | 17. B.P.Varakartee. | 2418 |
| | 18. Karlam. | 865 |

| | | |
|---------------------------------------|-----------------------|---------|
| | 19. nimmalavalasa. | 650 |
| | 20. Devatra Podilam. | 345 |
| | 21. Gunidam. | 400 |
| | 22. Gollalapalem. | 103 |
| | 23. Palavalasa. | 264 |
| | 24. Vijayampuram. | 28 |
| | 25. Potayyavalasa. | 169 |
| | 26. Perla. | 469 |
| Garividi (5293.00 Acres) | 1. Vijayampuram. | 31 |
| | 2. Kummaram. | 52 |
| | 3. Tateguda. | 572 |
| | 4. Sivaram. | 306 |
| | 5. Kondalakshmpuram. | 93 |
| | 6. Devada. | 563 |
| | 7. Duwam. | 49 |
| | 8. Seripeta. | 150 |
| | 9. Dummada. | 819 |
| | 10. Konuru. | 903 |
| | 11. Arthamury, | 938 |
| | 12. Gaddapuvalasa. | 431 |
| | 13. Chukkavalasa. | 386 |
| SRIKAKULAM DISTRICT: | | |
| G.SIGADAM. (7932.28 ACRES) | 1. Mettavalasa. | 230.00 |
| | 2. Penasam. | 453.00 |
| | 3. Sethu | 384.16 |
| | 4. Narasimhapuram. | 154.89 |
| | 5. Gangannadorapalem. | 467.36 |
| | 6. Devaravalasa. | 700.57 |
| | 7. Venkayyapeta. | 38.05 |
| | 8. Velagada. | 421.53 |
| | 9. Gedda-Kancharam. | 1045.85 |
| | 10. Jada. | 723.00 |
| | 11. Yenduva. | 354.61 |
| | 12. Yenduvapeta. | 361.98 |
| | 13. Jagannadhavalasa. | 575.01 |
| | 14. Dalamvajuvalasa. | 347.05 |
| | 15. Nadimivalasa. | 691.30 |
| | 16. G.Sigadam. | 569.92 |
| | 17. Bathuva. | 414.00 |
| REGIDI AMADALAVALASA (260.00 ACRES) | 1. Burada | 260.00 |
| RAJAM (437.70 ACRES) | 1. A.R.Agraharam. | 437.70 |
| G.SIGADAM. (1126.39 ACRES) | 1. Gedelapeta. | 138.10 |
| | 2. Maivalasa | 353.82 |
| | 3. Penta | 305.01 |
| | 4. Nakkapeta. | 43.16 |
| | 5. Nagulavalasa. | 286.30 |
| SANTHAKAVITI. (498.01 ACRES) | 1. Ponuguntivalasa. | 250.00 |
| | 2. Bodduru. | 248.01 |
| R.AMADALAVALASA (1002.00 ACRES) | 1. Voppangi. | 245.00 |
| | 2. Kondavalasa. | 287.00 |
| | 3. Unukuru. | 300.00 |
| | 4. Poram. | 160.00 |
| | 5. Pedasirlam. | 10.00 |
| VANGARA. (1067.00 ACRES) | 1. Bagempeta. | 201.00 |
| | 2. Neelayavalasa. | 307.00 |

| | | |
|--------------------------------|------------------------------|---------|
| | 3. Jaganadhavalasa. | 159.00 |
| | 4. Arasada. | 400.00 |
| RAJAM (12,767.39 ACRES) | 1. Rajayyapeta. | 475.18 |
| | 2. Kancharam. | 400.61 |
| | 3. Vommi. | 895.18 |
| | 4. Kothavalasa. | 233.55 |
| | 5. Anthakapalli. | 544.42 |
| | 6. Gadimudidam. | 1060.62 |
| | 7. Saradhi. | 477.41 |
| | 8. Naredubaka. | 515.23 |
| | 9. Aguru. | 595.16 |
| | 10. Kondampeta. | 514.03 |
| | 11. Rajam. | 532.76 |
| | 12. Gopalapuram. | 508.87 |
| | 13. Boddam. | 905.45 |
| | 14. Soparu. | 364.70 |
| | 15. Nandabalaga. | 720.33 |
| | 16. Syampuram. | 207.60 |
| | 17. Ramarajula peta. | 98.91 |
| | 18. Pagiri. | 937.55 |
| | 19. Boddavalasa. | 372.88 |
| | 20. Cuyyanavalasa. | 286.40 |
| | 21. Kotaripuram. | 192.11 |
| | 22. penubaka. | 455.44 |
| | 23. Auguru. | 470.00 |
| | 24. Dasarivani Naidu valasa. | 400.00 |
| | 25. Amaram. | 303.00 |
| | 26. Guravam. | 300.00 |
| LAVERU. (11,062.00 ACRES) | 1.Kothakota. | 1166.00 |
| | 2. Pothayyavalasa. | 169.00 |
| | 3. Pedalingalavalasa. | 492.00 |
| | 4. Venkatapuram. | 331.00 |
| | 5. Appapuram. | 436.00 |
| | 6. Govindapuram. | 422.00 |
| | 7. Bharinikam. | 139.00 |
| | 8. Adapaaka. | 1406.00 |
| | 9. Garugubilli. | 281.00 |
| | 10. Laveru. | 1605.00 |
| | 11. G.C.Valasa. | 209.00 |
| | 12. Kesavarayunipuram. | 196.00 |
| | 13. Tallavalasa. | 175.00 |
| | 14. Singurukothapalli. | 259.00 |
| | 15. Bejjipuram. | 1097.00 |
| | 16. Subhadrapuram. | 3.00 |
| | 17. Sirlapalam. | 191.00 |
| | 18. Venugopalapuram. | 250.00 |
| | 19. Gumadam. | 433.00 |
| | 20. Neelapuram. | 66.00 |
| | 21. Budatavalasa. | 584.00 |
| | 22. Thamadu | 829.00 |
| | 23. Mondampalem. | 187.00 |
| | 24. Regapalem. | 136.00 |
| RANASTALAM (21,672.00 ACRES) | 1. Devarapalli. | 365.00 |
| | 2. Veluparai. | 304.00 |
| | 3. Kumur sigada. | 518.00 |

| | |
|--------------------------|---------------|
| 4. Arjunavalasa. | 361.00 |
| 5. Seethammavalasa. | 165.00 |
| 6. Garikipalam. | 218.00 |
| 7. Jagannadharajapuram. | 308.00 |
| 8. Ranastalam. | 1702.00 |
| 9. Bantupalli. | 934.00 |
| 10. Tirupathi Palam. | 464.00 |
| 11. Girivani Palem. | 72.00 |
| 12. Sancham. | 1302.00 |
| 13. Devunipeta valasa. | 435.00 |
| 14. Nellivada. | 382.00 |
| 15. Kosta. | 455.00 |
| 16. Mahanthi palem. | 139.00 |
| 17. Gaseram. | 202.00 |
| 18. Krishnapuram. | 365.00 |
| 20. Rawada. | 592.00 |
| 21. Uppannavalasa. | 74.00 |
| 22. Boyapalem. | 111.00 |
| 23. Venkataraojeta. | 399.00 |
| 24. Vallabharaopeta. | 415.00 |
| 25. Pesini. | 589.00 |
| 27. Pydibheemavaram. | 451.00 |
| 28. Chittivalasa. | 686.00 |
| 29. Ch. Rega. | 920.00 |
| 30. Irasam. | 772.00 |
| 31. Seethampuram. | 327.00 |
| 32. Paparaopeta. | 147.00 |
| 33. Theppalavalasa. | 586.00 |
| 34. Narayanapatnam. | 109.00 |
| 35. Yerravaram. | 353.00 |
| 36. VarahaNarsimhapuram. | 274.00 |
| 37. Kotcherla. | 255.00 |
| 38. Gudem. | 216.00 |
| 39. Pathanallapalli. | 895.00 |
| 40. Maruvada. | 807.00 |
| 41. Jeerukovvada. | 574.00 |
| 42. Narava. | 965.00 |
| 43. Akkayapalem. | 257.00 |
| 44. Patasundarapalem. | 546.00 |
| 45. Surampeta. | 140.00 |
| 46. Ramachandrapuram. | 520.00 |
| 47. Kothapalem. | 286.00 |
| Grand Total | 120000 |

Status Of Budget & Expenditure For The Years 2013-14, 2014-15 & 2015-16 Inrespect of Chief Engineer, North Coast, Visakhapatnam

| S.No | Name of The Project | Name of Component | Budget 2014-15 | Expenditure Incurred 2014-15 | Budget 2015-16 | Expenditure Incurred upto 31.08.2015 | Funds Available |
|------|-------------------------------------|-------------------|----------------|------------------------------|----------------|--------------------------------------|-----------------|
| 1 | MH : 146 Thotapalli Barrage Project | GH (11)NSP | | | | | |
| | | Works | 1577.00 | 2144.12 | 6398.00 | 1285.18 | 5112.82 |
| | | Lands | 221.00 | 57.93 | 3601.00 | 334.80 | 3266.20 |
| | | R&R | 202.00 | 44.86 | 701.00 | 40.53 | 660.47 |
| | | GH(21)AIBP | -- | | | | 0 |
| | | Works | -- | | 4200.00 | 0 | 4200.00 |
| | | Lands | -- | | 1300.00 | 0 | 1300.00 |

| | | | | | | | |
|----|---|-----------|---------|---------|----------|---------|----------|
| | | Total :- | 2000.00 | 2246.91 | 16200.00 | 1660.51 | 14539.49 |
| 2 | MH: 107 Andra Reservoir | Works | 55.00 | 10.28 | 23.00 | 0 | 23.00 |
| | | Total :- | 55.00 | 10.28 | 23.00 | 0 | 23.00 |
| 3 | MH: 117 Vottigedda Project | Works | 35.00 | | 75.00 | 0 | 75.00 |
| | | Total :- | 35.00 | | 75.00 | 0 | 75.00 |
| 4 | MH: 135 Pedankalam Project | Works | 30.00 | -- | 40.60 | 0 | 40.60 |
| | | Total :- | 30.00 | -- | 40.60 | 0 | 40.60 |
| 5 | MH: 136 VKMN JR Project | Works | 224.50 | 35.53 | 444.00 | 5.42 | 438.58 |
| | | Lands | 25.00 | -- | 5.00 | 0 | 5.00 |
| | | Buildings | 0.50 | -- | 1.00 | 0 | 1.00 |
| | | Total :- | 250.00 | 35.53 | 450.00 | 5.42 | 444.58 |
| 6 | MH: 141 Vengalarayasagaram Project | Works | 201.40 | 95.24 | 115.00 | 42.22 | 72.78 |
| | | Lands | 26.60 | -- | 50.05 | 0 | 50.05 |
| | | Total :- | 228.00 | 95.24 | 165.05 | 42.22 | 122.83 |
| 7 | MH: 175 Thatipudi Project | Works | 45.00 | | 100.00 | 0 | 100.00 |
| | | Total :- | 45.00 | | 100.00 | 0 | 100.00 |
| 8 | MH: 176 Denkada Anicut Scheme | Works | 40.00 | 1.32 | 35.00 | 0 | 35.00 |
| | | Total :- | 40.00 | 1.32 | 35.00 | 0 | 35.00 |
| 9 | MH: 202 Tarakarama Thirtha Sagaram Project (AIBP) | Works | 2898.10 | 4199.56 | 3581.00 | 972.94 | 2608.06 |
| | | Lands | 800.00 | 97.98 | 800.00 | 5.69 | 794.31 |
| | | R&R | 101.00 | -- | 99.00 | 0 | 99.00 |
| | | Total :- | 3799.10 | 4297.54 | 4480.00 | 978.63 | 3501.37 |
| 10 | MH: 203 Peddagedda PROJECT | Works | 5 | -- | 50.14 | 0 | 50.14 |
| | | Lands | 1.00 | 0.99 | 2.20 | 2.16 | 0.04 |
| | | R&R | 2.50 | -- | 20.00 | 0 | 20.00 |
| | | Total :- | 8.50 | 0.99 | 72.34 | 2.16 | 70.18 |

Statement Showing The List of WUAs Under Major Medium And Minor Irrigation Sector

| S.No | Name of the District | No of WUAs | | | No of DCs | No of PCs | Ayacut in Acres | | | | | |
|------|----------------------|------------|--------|-------|-----------|-----------|-----------------|-------|--------|-------|--------|--------|
| | | Major | Medium | Minor | | | Total | Major | Medium | Minor | Total | |
| I | Vizianagaram | 4 | 57 | 428 | 489 | 1 | -- | 6 | 7132 | 99180 | 182854 | 282034 |