



REGIONAL WORKSHOP ON ENERGY AND RESOURCE EFFICIENCY IN URBAN WATER MANAGEMENT

Date : 12.08.2013

**Venue: Hotel Ananda Inn
Puducherry**



TAMIL



NADU

POPULATION AS PER 2011 CENSUS

RURAL - 3,71,89,229

URBAN - 3,49,49,729

TOTAL 7,21,38,958

AREA - 1,30,058 Sq.Km.
DISTRICTS - 32 Nos.
TALUKS - 209 Nos.
BLOCK - 385 Nos.



CORPORATIONS - 10 Nos.

MUNICIPALITIES - 150 Nos.

TOWN PANCHAYATS - 559 Nos.

VILLAGE PANCHAYATS - 12,620 Nos.

RURAL HABITATIONS - 93,699 Nos.

Water Resources – Tamil Nadu Scenario

- ❑ Area of the State 1,30,058 sq.km
 - ❖ 73 % Hard crystalline area
 - ❖ 27 % Soft Sedimentary
 - ❖ 45% of the area categorized as Over exploited and Critical
- ❑ Out of 385 blocks, 138 Over Exploited, 34 Critical, 66 Semi Critical, 136 Safe and 11 Saline blocks
- ❑ 17 River Basins, 39,000 Tanks, 79 Reservoirs
- ❑ Surface water potential : 853 TMC
- ❑ Groundwater potential : 734 TMC
- ❑ Average annual rainfall : 970 mm
- ❑ No. of rainy days : 40-50
- ❑ Surplus water discharged to sea : 177 TMC

TWAD BOARD



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

(A STATUTORY BODY FORMED ON 14.04.1971
FOR PROVIDING WATER SUPPLY AND
SEWERAGE FACILITIES TO THE PUBLIC OF THE
ENTIRE STATE OF TAMILNADU EXCEPT
CHENNAI METROPOLITAN AREA)



BOARD OF DIRECTORS:

- 1. CHAIRMAN, TWAD Board
and Secretary to Govt, MAWS Department.**
- 2. Managing Director, TWAD Board.**
- 3. Secretary to Govt. Rural Development and Panchayat Raj
Department.**
- 4. Secretary to Govt. Public Works Department.**
- 5. Secretary to Govt. Health & Family Welfare Department.**
- 6. Secretary to Govt.(Expenditure) Finance Department.**
- 7. Commissioner of Municipal Administration Department.**
- 8. Managing Director, CMWSS Board.**
- 9. Commissioner of Rural Development and Panchayat Raj
Department.**
- 10. Director of Town Panchayats.**
- 11. Joint Managing Director, TWAD Board.**
- 12. Finance Director, TWAD Board.**
- 13. Engineering Director, TWAD Board.**



Chief Engineers:

- 1. Chief Engineer, Vellore Region.**
- 2. Chief Engineer, Thanjavur Region.**
- 3. Chief Engineer, Coimbatore Region.**
- 4. Chief Engineer, Madurai Region.**
- 5. Project Chief Engineer, (HWS&FM) Hogenakkal
Water Supply and Floursis Mitigation
Project, Dharmapuri.**
- 6. Director, (CCDU) Communication and Capacity
Development Unit, Head Office, Chennai.**



Offices:

Circles - 17 Nos.

Divisions - 93 Nos.

Sub-Divisions - 313 Nos.

Training Centres - 4 Nos.

(At Chennai, Trichy, Madurai and Coimbatore)

Laboratories - 83 Nos.



Combined Water Supply Schemes:

No. of CWSS Maintained - 507 Nos.

Beneficiaries:

Corporations - 5 Nos.

Municipalities - 56 Nos.

Town Panchayats - 270 Nos.

Rural Habitations - 25,741 Nos.

Industries and Institutions - 422 Nos.

Population Benefited -2.53 Crore.

TARIFF FOR WATER CHARGES:

Rural local bodies - Rs.3.00/KL

Urban Local Bodies - Rs.4.50/KL

Industries /Commercial Organisations:

**i. Who have paid proportionate cost of
CWSS - Rs.15.00/KL**

**ii. Who have Not paid proportionate cost
of CWSS - Rs. 60.00/KL**

iii. Hospitals - Rs. 50.00/KL

**iv. Educational
Institutions - Rs. 30.00/KL**

v. Orphanage & Homes - Rs. 10.00/KL

NORMS ADOPTED:

CORPORATION	-	110	LPCD
MUNICIPALITY	-	90	LPCD
TOWN PANCHAYAT	-	70	LPCD
RURAL HABITATION	-	40	LPCD

CENTAGE CLAIMED:

RURAL WATER SUPPLY SCHEMES	-	13 %
URBAN WATER SUPPLY SCHEMES	-	5 %
UNDER GROUND SEWERAGE		
SCHEMES	-	5 %
DEPOSIT SCHEMES		- 23.5 %

RURAL WATER SUPPLY SCHEMES:

Water Supply Scheme to Rural Area are funded by:

- 1. NRDWP (National Rural Drinking Water Programme) from Govt of India.**
- 2. MNP (Minimum Needs Programme) from Govt of Tamil Nadu.**

COVERAGE AS ON 1.4.2013:

Total Rural Habitations	-98,179 Nos.
Fully Covered Habitations	-84,063 Nos.
Partially Covered Habitations	-14,116 Nos.

Works being carried out during 2013-14:

Water Supply to Rural Habitations - 6000 Nos.

Water Supply to Anganwadies - 6314 Nos.

Water Supply to Govt Hospitals - 25 Nos.

Water Supply Primary Health Centre - 6 Nos.

Revamping Works for CWSS' -179 Nos.

BUDGET FOR 2013-14

NRDWP - Rs. 717.65 Crore.

MNP - Rs. 780.12 Crore.

Total - Rs.1,497.77 Crore.

Urban Water Supply Schemes

- I. **Water Supply Schemes to Town Panchayat** are funded by **MNP (Minimum Needs Programme)** and local body contribution (20%)
- II. **Water Supply Schemes to Municipalities** are funded by.
 - **UIDSSMT** - (Urban Infrastructure Development Schemes for Small and Medium Towns)
 - **TNUDP III** –(Tamil Nadu Urban Development Project-III)
 - **LIC** – (Life Insurance Corporation of India).
 - **JICA** – (Japan International Co-operation Agency)
 - **KfW** –(Kreditanstalt für Wiederaufbau)
(German Govt. owned development Bank)
 - **JnNURM**- (Jawaharlal Nehru National Urban Renewal Mission)

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- **IUDM-** (Integrated Urban Development Mission)
 - **AUWSP-**(Accelerated Urban Water Supply Programme)
 - **Deposit from Local bodies**

UNDER IMPLEMENTATION DURING 2013-14

**No. of Water Supply Schemes under
Implementation -193 Nos**

Budget Amount -Rs. 376.89 Crore

OTHER WORKS(2013-14)

- **No. Of Under Ground Sewerage Schemes
Under Implementation - 65Nos.**
- **CWSS Under Implementations - 41Nos.**
- **Major CWSS Under Implementation- 8Nos.**
- **Schemes Under Project Formulation - 39Nos.**



THANK YOU