

STATE ANNUAL ACTION PLAN (SAAP) (FY2016-17)

State- ANDHRA PRADESH



Prepared By

Andhra Pradesh Urban Finance and
Infrastructure Development
Corporation (APUFIDC)

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Checklist – Consolidated State Annual Action Plan of all ULBs to be sent for Assessment by MoUD (as per table 6.2)

S.No.	Points of Consideration	Yes/No	Give Details
1.	Have all the Cities prepared SLIP as per the suggested approach?	Yes	<p>The SLIP documents for all the cities have been prepared as per the suggested approach in the AMRUT guidelines. Providing the basic services of Water Supply and Sewerage / Septage management to all households is considered as top priority in keeping with the National Priorities. Further to this, AP state government has also taken up septage management as the state priority.</p> <p>The priorities considered in the analysis is as follows</p> <ol style="list-style-type: none"> i. Water Supply ii. Sewerage iii. Storm Water Drainage <p>All the cities in the state have been assessed with respect to the service level gaps for various sectors in the city, plans to bridge the gaps, examining the alternatives available for bridging the gaps, cost estimate for the alternatives considered and thereby prioritizing the projects in consultation with all the stakeholders.</p> <p>The SLIPS prepared earlier during FY 2015-16 have been revisited, field verification done, the SLIPS updated and prioritization of projects has been done in consultation with all stakeholders.</p> <p>PDMC's have visited all the ULBs for collection of baseline data, service level gaps and service level improvements required in each sector for the individual ULBs. The ULBs have collected the ward wise preferences of the ULB in service level improvements through the respective councilors/ ward members. Based on the ward wise inputs received from the ward representatives, the ULB's have prioritized the works to be carried out in their ULB for improving the service levels of their ULB.</p> <p>PDMCs have collected the information regarding the ULB preferences in service level improvements</p>

			and have revised the SLIP documents for all the 32 ULBs accordingly. APUFIDC have also organized a 2 day workshop with the help of PDMCs for prioritization of works for all the ULBs with the available funds.
2.	Has the SAAP prioritized cities for investment as per priority sectors and gap assessment?	Yes	<p>Service level Gap assessment has been carried out for all the cities for water supply, sewerage and storm water drainage sectors based on present level of services with respect to MOUD benchmarks.</p> <p>As per the gap assessment, a service level gap of 117 LPCD is estimated in Hindupur. Similarly, most of the cities have huge gaps in sewerage / septage management. The prioritization of cities in SAAP is carried out based on high service level gaps in the cities. Financial capacity of all the cities also has been assessed and higher funding has been made to financially weaker ULBs and to those ULBs with higher slum population. For ex: Chittoor, Nandyal, Ongole etc.</p> <p>Cities have been prioritized based on high service level gaps in priority sectors firstly in the water supply sector, need for dovetailing funds for smart cities, need for source development or alternative source development, and then in Sewerage / septage management sector in the next priority with emphasis being given to where sewerage network is available and STP capacity creation is needed, and the prioritization has been done based on slum population, discussion with public representatives, investment required and the overall resources available.</p> <p>The projects in the prioritized cities are proposed in order to achieve a reasonable level of improvement in the service levels firstly in water supply and then in sewerage / septage management sector of the individual cities.</p>
3.	Is the indicator wise summary of improvements proposed (both investments and management	Yes	Summary of indicator wise improvements both investment and management improvements has been proposed as per the requirement. The details of investments and indicator wise

	improvements) by State in place?		service level improvements in individual ULBs are provided in Table No. 2.5 and overall state wide improvements are provided in Table No. 3.5 below.
4.	Have all the cities under Mission identified/done baseline assessments of service coverage indicators?	Yes	Base line assessment of service coverage has been carried out and the service coverage levels of all sectors of all AMRUT cities have been provided in SLIP documents, duly revisiting the SLIPs and updating them based on updated field data.
5.	Is the SAAP derived from an approach towards meeting Service Level Benchmarks agreed by Ministry for each Sector?	Yes	<p>Present levels of service in each sector for all the mission cities have been assessed and subsequently the alternatives required to improve the service levels to meet the Benchmarks as provided by MoUD for each Sector have been proposed.</p> <p>For finalization of SAAP based on the funds availability, GoAP has adopted a strategy to improve service levels particularly in water supply and sewerage / septage management in each city to a reasonable/ acceptable level of improvement in line with the National and state priorities considering the resources available and that can be dovetailed. The improvement in the service levels in sewerage / septage management are proposed in such a way that the environmental pollution is avoided to the extent possible with the available resources through implementation of the alternatives identified as part of the SAAP.</p>
6.	Is the investment proposed commensurate to the level of improvement envisaged in the indicator?	Yes	The investments proposed are commensurate with meeting the Service Level improvement indicators to the extent possible as envisaged, consistent with the availability of resources.

7.	Are State Share and ULB share in line with proposed Mission approach?	Yes	<p>In line with the Mission approach,</p> <ul style="list-style-type: none"> • the State share shall be not less than 20% • the ULB share shall be 30% for ULBs with population of less than 10 lakhs, and 46.67% for ULBs with population of more than 10 lakhs viz. for Visakhapatnam and Vijayawada • the central share shall be 50% for ULBs with population of less than 10 lakhs, and 33.33% for ULBs with population of more than 10 lakhs. • For Parks and Green spaces the central share shall be 50% for all ULBs. <p>Apart from the above share of funds, the GoAP has allocated INR 100 Cr. for the improvement of septage management in the mission cities and APPCB has agreed to invest about 25% of funds required for construction of STPs in all the mission cities, during 2016-17 budget. The APPCB share for the STPs proposed as part of the current SAAP is arrived at 44.62 Cr.</p>
8.	Is there a need for additional resources and have state considered raising additional resources (State programs, aided projects, additional devolution to cities, 14th Finance Commission, external sources)?	Yes	<p>As per the SLIPs, an estimated amount of around Rs.29000 Cr. is required in order to bridge the gaps in key service level indicators of all sectors in mission cities. However the funds available for service level improvement as part of the AMRUT scheme comes out to be 8% of the amount required for the mission period after dovetailing all possible sources like state special allocation for Sewerage sector and APPCB allocation of 25% cost of STPs.</p> <p>More funds may be raised through other financial institutions and Municipal bonds. Apart from the above, some of the projects may be implemented under PPP mode as well.</p>
9.	Does State Annual Action Plan verify that the cities have undertaken financial projections to identify revenue requirements for O&M and repayments?	Yes	<p>The AMRUT Cities have proposed to meet the O&M cost through user charges. It has been verified that the ULBs are taking necessary steps in generating the revenues required for effective O & M of the infrastructure being created through user charges. Differential tariff policy is also being worked out by the Govt.</p> <p>In addition existing connection and efficiency improvement and NRW reduction is also being planned for implementation.</p>

10.	Has the State Annual Action Plan considered the resource mobilization capacity of each ULB to ensure that ULB share can be mobilized?	Yes	<p>The resource mobilization capacity of each ULB has been considered while preparing SAAP.</p> <p>The ULBs are geared to meet their share through user charges, improved billing and collection systems, energy conservation and efficiency improvement, capacity building, e-pos, e-governance etc. The ULB share is also proposed to be partly funded through the revenue surplus in the ULB budget.</p> <p>Further to the above, State level initiative has been taken up for assessment of unassessed and underassessed properties thereby improving the property tax base for the ULBs. Also other funding sources are being explored for financially weaker ULBs.</p>
11.	Has the process of establishment of PDMC been initiated and completed?	Yes	<p>For the ease of managing the AMRUT projects in the state, the state has been divided into 2 regions. Region I consists of 07 districts and Region II consists of remaining 06 districts of the state.</p> <p>AECOM and TCE have been appointed as PDMCs for the Region I and Region II respectively for the complete mission period. APUGBCL is appointed as PDMC for the development of Green spaces and Parks for the mission period.</p>
12.	Has a roadmap been prepared to realize the resource potential of the ULB?	Yes	<p>A Road map has been prepared to realize the resource potential of each ULB and it is proposed to assess the unassessed and under-assessed properties using GIS based base map and decision support system, and other avenues like vacant land tax, advertisement tax, E-gov etc.</p> <p>Expenditure reduction through energy conservation and efficiency improvement & NRW reduction has also been considered in this context. Alternate funding sources/ state government support for financially weaker ULB's is also envisaged.</p>

13.	Is the implementation plan for projects and reforms in place (Timelines and yearly milestones)?	Yes	The implementation plan for the projects and reforms with the timelines and milestones for all the Implementing Agencies including parastatal agencies involved in the scheme are in place. Necessary details are provided in the SAAP tables.
14.	Has the prioritization of projects in ULBs been done in accordance with para 7.2 of the guidelines?	Yes	<p>In addition to city level consultations with all stakeholders, the high priority projects from ward level from all the municipal councilors/ward members from all the mission cities have been captured in a format circulated to the councilors.. The filled in forms from the individual wards are then consolidated at the city level and prioritization of projects for the cities has been done incorporating the aspirations of the ward councilors also.</p> <p>Further to the above, a work shop has been organized on 23rd and 24th May 2016 at Vijayawada with all the municipal commissioners, mayors, municipal chairpersons along with Municipal Engineers, Town planners, SEs (PH), EEs (PH), RDMAs, RDTPs and other representatives of the city as participants. PDMCs with the help of APUFIDC have carried out a rigorous exercise through dialogue for prioritization of sectors and projects in individual ULBs in accordance with Para7.2 of the Guidelines.</p> <p>The sectors in each city have been prioritized considering the national priorities of providing universal coverage of water supply and sanitation, to complete the linking of projects with sources in water supply and with STPs in sewerage adopting an integrated water sector planning perspective, investing less to derive more benefit. Wherever funds permit, storm water drainage is also given next priority to water supply and sewerage/septage management.</p>

State Mission Director

Minutes of State High Powered Steering Committee (SHPS) Meeting

ANDHRA PRADESH – ATAL MISSION FOR REJUVENATION AND URBAN TRANSFORMATION (AMRUT)

Minutes of the 3rd Meeting of “State level High Powered Steering Committee (SHPS)”

Venue: Conference Hall of Chief Secretary, Vijayawada.

Date and Time: 24.06.2016 at 03.30 PM.

The 3rd meeting of “under AMRUT was convened on 24.06.2016 at 03.30P.M. The following were present in the meeting.

Committee Members:-

Sri. S.P Tucker, I.A.S., Chief Secretary to Government, A.P	Chairman
Sri. R. Karikala Valaven, I.A.S, Principal Secretary, MA&UD Department.	Member
Sri. K. Kanna Babu, I.A.S., Director of Municipal Administration,	Member
Sri. K. Kanna Babu, I.A.S., Managing Director, APUFIDC.	Member - Convener

Others participants:-

- Sri. G.V. Raghu, Director of Town & Country Planning.
- Sri. G. Kondala Rao, Chief Engineer, APUFIDC.
- Sri. T. Moses Kumar, Chief Engineer, Public Health Department.
- Sri. Sanjiva Sharma, Team Leader, PDMC – Region 1, AECOM.
- Sri. Ramesh M. Dahapute, Team Leader, PDMC – Region 2, TCE

The meeting was chaired by the Chief Secretary, Government of Andhra Pradesh At the outset, the Member Convener of the committee, MD, APUFIDC welcomed all the members. The member convener made a presentation on Agenda Items and the following decisions were taken.

1. Approval of Minutes of 2nd "State level High Powered Steering Committee (SHPSC)" Meeting

The minutes of Second State Level High Powered Steering Committee (SHPSC) meeting held on 18.03.2016 placed at Annexure-I were communicated to all the members of the committee vide Managing Director, APUFIDC, State Level Nodal Agency Lr.No.1495/APUFIDC/AMRUT/2015 Dt: 22.03.2016. No objections are received.

The same was noted by the committee members.

2. Action taken report on minutes of 2nd SHPSC Meeting

The member convener explained the action taken on the minutes of 2nd SHPSC meeting held on 18.03.2016.

Decision taken in 2 nd SHPSC	Action taken	Remarks.
Approval of the projects costing Rs.804.46 Cr. which are technically appraised by the SLTC	Govt. accorded Administrative Sanction vide G.O.Ms.No.74 MA&UD (UBS) Dept. dated.24.03.2016.	Out of 30 ULBs, Technical Sanction accorded for 28 ULBs. For Kakinada & Guntakal TS being accorded. Procurement process under progress. Nellore Parks - LoA issued. Eluru WS - 24.06.16 is last date for receipt of tenders.

The action taken report was accepted by the SHPSC

3. Review of progress on SAAP FY 2015-16.

The member convener explained the progress made on the approved SAAP 2015-16

A. Project approvals:

- The APEX committee approved SAAP FY 2015-16 for Rs.673.12 Cr.
- Water supply projects costing Rs.646.29 Cr. and Parks & Open spaces projects costing Rs.16.57 Cr. were approved.
- A provision of Rs.10.26 Cr. is included in the SAAP towards A&OE charges.

Status:

- The ULBs (30) in the absence of PDMCs, engaged consultancy services for preparation of DPRs for the 1st year.
- The DPRs were placed before the State Level Technical Committee (SLTC) for Technical & Financial appraisal.
- The SLTC in the meeting held on 11.02.2016 appraised the projects costing Rs.804.46 Cr. against the SAAP approved cost of Rs.662.88 Cr. for the 30 ULBs. The increase of Rs.151.58 Cr. is due to inclusion of inadmissible components such as O&M for 5 years, VAT, Cess, seigniorage and other contingencies.
- The projects appraised & recommended by SLTC were placed before the State level High Powered Steering Committee (SHPS) for approval.
- The SHPS in the meeting held on 18.03.2016 approved the DPRs of 30 ULBs costing Rs.804.46 Cr.
- The Govt. Vide G.O.Ms.No.74, Dated: 24.03.2016 accorded Administrative Sanction for the projects costing a total of Rs.804.46 Cr. in 30 AMRUT ULBs for FY 2015-16.
- Technical Sanction accorded to the projects by the Competent Technical Authority i.e., Chief Engineer (PH) except for Guntakal and Kakinada.
- Procurement process is under progress.

B. Supporting services provided to ULBs:

i. State Mission Management Unit (SMMU)

SMMU Positioned duly realigning the positions of PMU under JnNURM

ii. City Mission Management Units (CMMUs)

Procurement process for Urban Planners & Infrastructure Specialists completed in a transparent manner. The applicants were given field level task, and evaluation by Domain experts was made on the field report of the applicants, followed by interview. Due weightage was given to field tasks.

32 Urban Planners, 32 Urban Infrastructure Specialists and 1 IT Specialist have been appointed and allotted to the ULBs.

iii. Procurement of Project Development & Management Consultants (PDMCs)

- PDMCs will provide end-to-end support to ULBs in Planning, Design, Supervision & Project Management.
- The AMRUT cities in the State are grouped into two Regions for the purpose of convenience in development and implementation of the mission programme.
- Procurement process completed. Govt. vide G.O.Rt.No.223, Dt: 16.04.2016 accorded Administrative Sanction for PDMCs under AMRUT.
- AECOM Asia Company Ltd., Gurgaon and Tata Consulting Engineers Pvt., Ltd., Mumbai were appointed as PDMCs for infrastructure works other than Parks and Open Spaces.
- APUG&BCL has been appointed as PDMC for the component Parks & Green Spaces.
- Letter of Acceptance (LoA) issued to all PDMC agencies. The agencies are positioned.

iv. Capacity Building

S. No.	Empanelled Training Entities (TE)	Scope of Work	Scope of work Assigned to Training Entities	Remarks
1	Centre for Good Governance (CGG) , Hyderabad	1.Finance & revenue 2.Engineering & Public Health 3.Administration	1.Finance & revenue 2.Administration	CGG will take-up trainings for ULB Officials only

S. No.	Empanelled Training Entities (TE)	Scope of Work	Scope of work Assigned to Training Entities	Remarks
2	Dr. M.C.R H.R.D , Hyderabad	1.Finance & revenue 2.Engineering & Public Health 3.Administration 4.Town Planning	1.Administration 2.Town Planning	Agreement has been entered with MCRHRD
3	Administrative Staff College of India (ASCI), Hyderabad	1.Finance & revenue 2.Engineering & Public Health 3.Administration 4.Town Planning	1.Engineering & Public Health 2.Administration 3.Town Planning	
4	Engineering Staff College of India (ESCI), Hyderabad	1.Engineering & Public Health 2.Town Planning	1.Engineering & Public Health 2.Town Planning	Agreement has been entered with ESCI
5	Regional Centre for urban and Environmental Studies (RCUES), Hyderabad	1.Finance & revenue 2.Engineering & Public Health 3.Administration 4.Town Planning	1.Finance & revenue	Agreement has been entered with RCUES
6	Centre for Science & Environment, New Delhi	1.Engineering & Public Health 2.Town Planning	1.Engineering & Public Health 2.Town Planning	

C. Review of progress on Reforms.

i. Reforms to be implemented during FY 2015-16

Number of AMRUT Cities	30
Total reforms milestones to be implemented during 2015-16	28
Number of reforms to be implemented by ULBs	14
Number of reforms to be implemented by HODs and State	14

ii. Reforms to be implemented by ULBs during 2015-16

1. Creation of ULB website
2. Publication of e-news letter
3. Support Digital India
4. Complete migration to Double Entry Accounting System

5. Publication of Annual Financial Statement on Website
6. Develop atleast one children park every year in the AMRUT cities
7. Atleast 90% coverage of Property Tax
8. Atleast 90% of collection of Property Tax
9. Post Demand, Collection and balance of Property Tax on Website
10. Separate account for user charges
11. Atleast 90% billing of User Charges
12. . Atleast 90% collection of User Charges
13. Make action plan to reduce water losses to less than 20% and publish it on the website
14. Optimize energy consumption in street lights by using energy efficient lights

Status: Out of the above, the following 2 reform milestones are yet to be implemented by ULBs.

- Develop at least one children park every year in the AMRUT cities
- Make action plan to reduce water losses to less than 20% and publish it on the website

iii. Reforms to be implemented by HODs & State during 2015-16

1. Policy for engagement of interns in ULBs
2. Make action plan to progressively increase Green cover in cities to 15% in 5 years
3. Establish a system for maintaining of parks relying on People Public Private Partnership (PPPP) model
4. Transfer of 14th FC devolution to ULBs
5. Appointment of State Finance Commission (SFC)
6. Transfer of all 18 functions to ULBs
7. Revision of building bye-laws periodically

8. Create single window clearance for all approvals to give building permissions i.e., Integrated Online Building Permission Management System
9. Energy and Water Audit
10. Making STPs and WTPs energy efficient
11. Preparation of Service Level Improvement Plans (SLIP), State Annual Action Plans (SAAP)
12. Make a policy to periodically revise property tax, and levy charges and other fees
13. Make a policy to achieve full potential of advertisement revenue
14. Adopt a policy on fixation of water charges with differential rates

Status: Out of the above, the following 2 reform milestones are yet to be implemented by HODs & State.

1. Make a policy to achieve full potential of advertisement revenue.
2. Adopt a policy on fixation of water charges with differential rates.

The Member Convener also informed the committee that State has claimed incentives for reforms achievement to Govt. of India for consideration.

The committee noted the status and instructed to expedite the achievement of balance reforms. Further the Chairman advised to strengthen the State Mission Management Unit (SMMU) in addition to the 6 positions being supported by GoI. Professionals in the fields of housing, strategic management, Urban Planning etc. may be procured from open market, for which GoAP may consider extending funding support.

4. Implementing agency:

The member convener informed that, in the 1st SHPSC meeting, it was agreed that incase the ULB does not have adequate capacity to handle projects, the ULB can request the relevant specialized parastatal agencies to execute the projects through a council

resolution and enter into a tripartite MoU amongst the State Government, the specialized parastatal agencies (PHED/ APUGBC) and the concerned ULB.

Incompliance to the above, ULBs obtained Council Resolutions and resolved to execute the projects by themselves except Madanapalli where the ULB resolved to execute the work through PHED.

The Mission Directorate (APUFIDC) in the monitoring and review of the implementation of SAAP FY 2015-16 noticed that there is a delay in grounding of works even though Administrative Sanction accorded in the month of March, 2016. It is observed that the delay is due to getting technical sanction of projects, preparation of BID documents and getting approval of tender notice and initiating tendering process by the ULBs. Since the ULB personnel are involved in various activities like mitigating the water supply problem in summer, attending various Govt. prioritized programmes, O&M of various activities and attending day to day activities in ULBs. So they are unable to give more focus on AMRUT which causes delay in implementation.

In this context, it is to consider that utilization of services of PHED i.e., respective Public Health division of AMRUT ULB may be given the responsibility of implementing the AMRUT projects. To have better accountability and having ownership from the ULB, the disbursement of funds to executing agencies may be done through ULBs based on recommendation of PHED. However, in case of Mission Cities GVMC, VMC & TMC the ULB itself may be the implementing agency.

Accordingly, the ULBs may be advised to place the matter before the council and to obtain appropriate council resolution for executing the projects through PHED.

After due deliberations the committee has decided to accept the above proposal in respect of implementing agency, to enable speedy implementation of the projects.

5. Powers of State Level Technical Committee (SLTC)

The member convener informed that, Govt. vide G.O.Rt.No.558 MA&UD (UBS) Dept Dated: 26.08.2015 constituted SLTC with a function of approval of the technical parameters such as scope, objectives and final deliverables of the project, Internal Bench

Mark (IBM)/deciding basic parameters/approval of bid documents/evaluation criteria, and payment schedule. For this purpose, the SLTC shall take into consideration manuals, guidelines and advisories issued by MoUD in the relevant sector and ensure compliance in the DPR.

The Mission Directorate (APUFIDC) in the monitoring and review of the implementation of SAAP FY 2015-16 observed that frequent meetings of SLTC will be necessitated as and when the bunch of proposals are received from the ULBs.

In this context, it is informed **that the functions of committee in respect of approval of IBM, tender approval and payment schedule separate mechanism was already in place as per existing Codal provisions/ rules /G.Os i.e., in terms of G.O.Ms.No.94, I&CAD dated:01.07.2003 for non-EPC works & G.O.Ms.No.217 MA&UD (C) Dept. dated:11-11-2014 for EPC works.**

Hence, the option of the Member Convener SLTC being authorized to follow existing G.Os and procedures in place to perform the above said functions and to inform the SLTC at an appropriate time for information, may be considered.

After due deliberations, the committee has accepted the above proposal regarding the functions of SLTC to enable expeditious implementation of the projects.

6. Approval of State Annual Action Plan (SAAP) for FY 2016-17

The member convener informed that, as per guidelines, the primary purpose is to cover all households with water supply and sewerage (including septage). For this purpose, earlier Service Level Improvement Plans (SLIP) were prepared by each ULB for SAAP FY 2015-16.

GoI communicated allocation of Central Assistance to the State for which SAAP to be submitted for FY2016-17 and requested to revisit the SLIPs of all AMRUT cities in order to aggregate and prioritize at the State level. In this context,

- Project Development Management Consultants (PDMCs) to provide end-to-end support to ULBs were placed. The state was divided into 2 regions. The PDMCs are M/s. AECOM Asia company Ltd. (Region - I) and M/s. Tata Consulting

Engineers (TCE) (Region - II). Further, APUGBCL is the PDMC for Parks & Green spaces component for both the regions.

- The PDMCs have re-visited the SLIPs and updated the same.
- A two days workshop on 23rd & 24th of May, 2016 was conducted @ Vijayawada with all stake holders i.e., Public Representatives, Municipal functionaries, Public Health Engineers relating to AMRUT cities. In the workshop, the proposals of each ULB were discussed in detail and the projects were prioritized inter-sector & intra-sector.
- In this SAAP FY 2016-17, priority was given to Septage Management by providing STPs in order to have scientific disposal of Septage. It also facilitates treatment of Sullage before letting out - into rivers, natural courses etc duly protecting the environment.
- For the STP component, funds @ 25% of STP cost from APPCB and additional budget of Rs.100 Cr. for sewerage sector from State Govt. were dovetailed.
- The SAAP FY 2016-17 was prepared duly consolidating the updated SLIPs.
- The SAAP comprises salient features of the SAAP as follows.
 1. Project background and summary
 2. Review of SAAP FY 2015-16
 3. Principles of Prioritization.
 4. Reform Action Plan.
 5. Capacity Building Plan.
 6. Administrative (A) & Other Expenses (OE) Plan.
 7. Financing of Projects

This time the State Govt. intends to take up prioritized projects in each ULB comprehensively duly prioritizing the sectors and prepared master plan for Rs.2191.31 Cr covering the remaining Mission Period (2016-17 to 2019-20).

The administrative sanction and procurement process will be initiated after getting necessary approvals and the projects will be grounded before submission of next SAAP for FY 2017-18 and so forth. This will save considerable time in grounding the works and its completion.

In this context, the GoI clarification is as follows:

Question:- Can a ULB prepare and approve a DPR and award the project to cover bigger area than envisaged and approved as part of SAAP. This will help the cities in faster execution of the work in areas that will be included in the SAAP subsequently?

Clarification:- The State may do that. However, they need to take precaution that part of the project approved should be complete in all respect and not be tagged with other part sought to be approved in subsequent SAAPs so that in the event of that part not getting approved, the benefits of the approved part accrue. Also, the liability of central government share will be limited to the approvals accorded to SAAP.

In summing up the SHPSC to consider the following.

1. Approval and recommendation of SAAP for FY 2016-17 to Govt. of India for **Rs.877.05 Cr.** for 32 ULBs
2. Approving the proposal to take up prioritized projects in each ULB comprehensively as per proposed master plan for **Rs.2191.31 Cr** covering the remaining Mission Period (2016-17 to 2019-20), and to initiate procurement process after approval of SAAP 2016-17 by GoI.

The Committee after detailed deliberations has taken the following decisions.

1. *The projects were prioritized city wise and were aggregated into the State Annual Action Plan (SAAP). The estimated cost of SAAP is **Rs.877.05Cr.** for 32 ULBs (excluding O&M cost) for FY 2016-17. The same is recommended to MoUD, GoI for its consideration and approval.*

The funds allocated for Administrative and Other Expenses (A&OE) should be utilized for preparation of SLIP and SAAP, PDMC, Independent Review and Monitoring Agency (IRMA), Capacity Building and Reform Implementation etc. as per guidelines in AMRUT.

The Member Convener & M.D., APUFIDC is authorized to submit SAAP to MoUD, GoI for consideration and for its approval. On approval of SAAP by the MoUD, the MD, APUFIDC shall take further necessary action for implementation of the SAAP as per guidelines.

2. Further the committee approved the proposal to take up prioritized projects in each ULB comprehensively as per proposed master plan for **Rs.2191.31 Cr** covering the remaining Mission Period (2016-17 to 2019-20), and to initiate procurement process after approval of SAAP 2016-17 by GoI.

The Chairman suggested to make a proposal to the Economic Development Board for leveraging additional funds for financing further urban infrastructure projects in addition to the grant available from the GoI.

The meeting ended with vote of thanks to the Chairman and Members of the Committee.

manee
Member Convener &
Managing Director, APUFIDC.
Managing Director
A.P. Urban Finance and Infrastructure
Development Corporation Limited
HYDERABAD-A.P.

Chairman *S.P. Tucker*
24.6
S.P. TUCKER, IAS.,
CHIEF SECRETARY
Govt. of Andhra Pradesh,
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Chapter 1: Project Background and Summary

1.1 The Urban Scenario

According to the 2011 Census, the absolute increase in the urban population was higher than that of rural population. The urban population grew to 377 million showing a growth rate of 2.76% per annum during 2001-2011. The level of urbanization in the country as a whole increased from 27.7% in 2001 to 31.1% in 2011 – an increase of 3.3 percentage per annum during 2001-2011 compared to an increase of 2.1 percentage per annum during 1991-2001. It may be noted that the Indian economy has grown from about 6% per annum during the 1990s to about 8% during the first decade of the 2000s (Ahluwalia 2011). This clearly reflects the power of economic growth in bringing about faster urbanization during 2001-2011.

Urbanization in India

Indices	2001	2011
Urban Population(million)	286.1	377.2
Number of cities and towns	5161	7935
a) Statutory towns	3799	4041
b) Census towns	1362	3894
c) Metropolitan cities(+1 million)	35	53
Annual exponential growth rate (census decade)%	2.74	2.76
% of urban to total population	27.81	31.16
a) % of population in cities with > 100000 population	68.62	70.24
b) % of population in towns with (<100000 population)	31.38	29.76
c) % of population in metropolitan cities(+1 million)	37.82	42.62

The number of metropolitan cities (+1million) has risen sharply, from 35 to 53 during 2001-2011. They now account for 42.6 percent of the total urban population. Likewise, class1 cities (+100,000) now account for70.2 percent of the country's urban population. The population growth and infrastructure are not growing in direct proportion. Rapidly growing economy and increased industrial activities, huge population growth are calling for demand for better quality and coverage of water and sanitation services, sewerage and drainage systems, solid-waste management, roads, and power supply.

The State government/urban local bodies have a challenge to provide infrastructure to cater to the growing population and backlog of past. To cater to the needs, public sector resources are not sufficient which calls for the private investment or any other innovative working model to pull the resources in to infrastructure development.

Learnings from the earlier Mission have shown that infrastructure creation should have a direct impact on the real needs of people, such as providing taps and toilet connections to all households. This means that the focus should be on infrastructure creation that has a direct link to provision of better services to people, and this was explicitly stated by the President of India in his speeches to the Joint Sessions of the Parliament on 9 June, 2014 and 23 February, 2015. Hence the present mission “**Atal Mission for Rejuvenation and Urban Transformation (AMRUT)**” is launched.

1.2 AMRUT MISSION

The purpose of present Mission “AMRUT” is to:

- (i) Ensure that every household has access to a tap with assured supply of water and a sewerage connection;
- (ii) Increase the amenity value of cities by developing greenery and well maintained open spaces (e.g. parks); and
- (iii) Reduce pollution by switching to public transport or constructing facilities for non-motorized transport (e.g. walking and cycling).

1.3 Thrust areas under mission as applicable to the State

Mission adopts an approach to improve basic infrastructure services in the city which will improve the quality of life of the people. Mission ensures the improvements in service level benchmarks related to:

- i. Water supply,
- ii. Sewerage and septage management,
- iii. Storm water drainage,
- iv. Others including green spaces and parks.

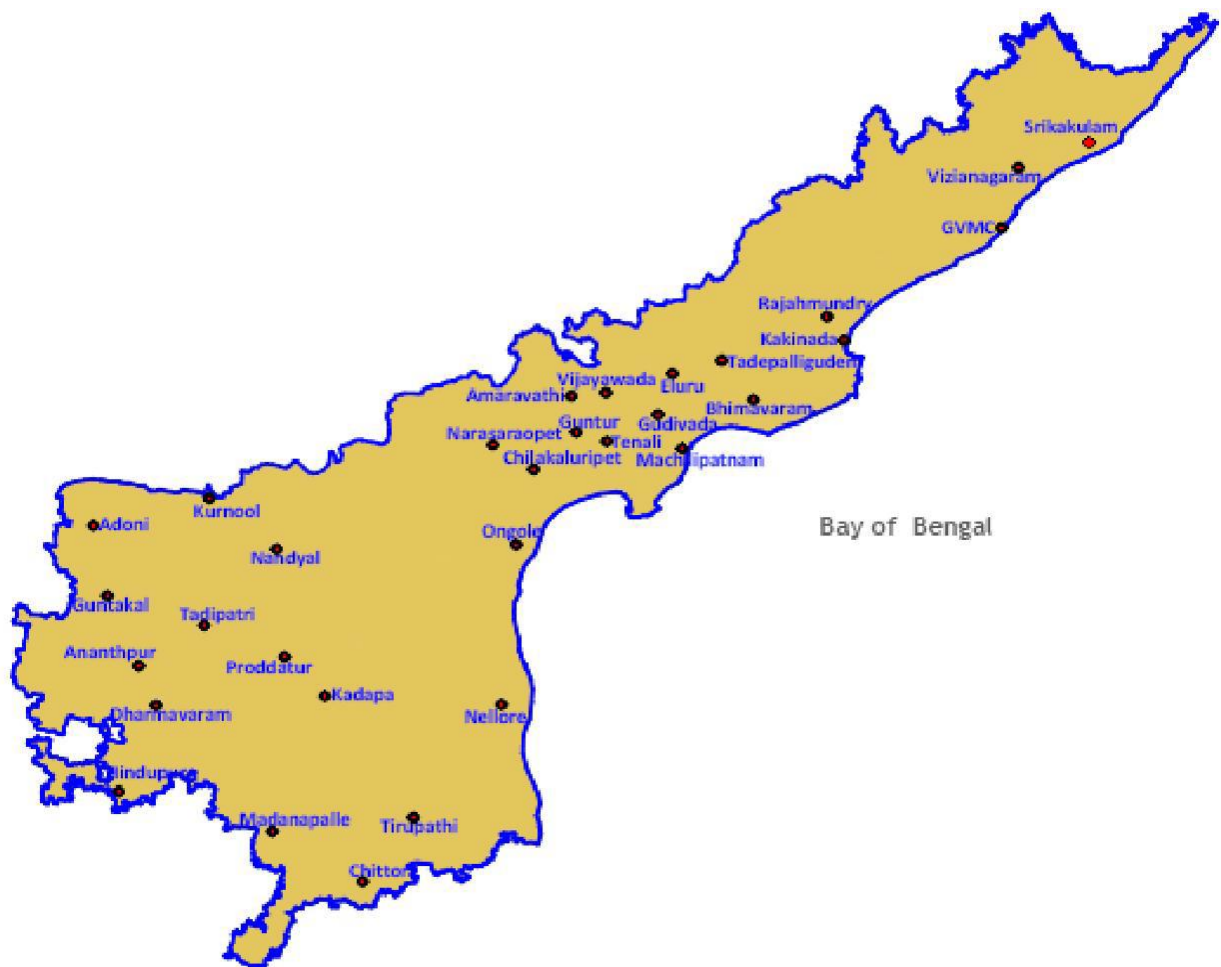
1.4 Coverage under Mission

AMRUT Mission will be implemented in 500 cities/ towns, each with a population of one lakh and above.

The category of cities that will be covered in the AMRUT is given below:

- i. All Cities and Towns with a population of over one lakh with notified Municipalities, including Cantonment Boards (Civilian areas),
- ii. All Capital Cities/Towns of States/ UTs, not covered in 1.4(i),
- iii. All Cities/ Towns classified as Heritage Cities by MoUD under the HRIDAY Scheme.
- iv. Thirteen Cities and Towns on the stem of the main rivers with a population above 75,000 and less than 1 lakh, and
- v. Ten Cities from hill states, islands and tourist destinations (not more than one from each State).

1.5 State Scenario – Andhra Pradesh



OVERVIEW OF URBAN SECTOR

ANDHRA PRADESH	
State population	4.93 Cr.
Area	160200 Sq. Km.
Urban Population	1.46 Cr.
Total No. of ULBs	110
Municipal Corporations	13 Nos.
Municipalities	72 Nos.
Nagar Panchayats	25
Urban Development Authorities	4 nos.
No. of ULBs in AMRUT	32 nos.

Based on criteria mentioned in section 1.4 above, following 32 cities of Andhra Pradesh are considered under AMRUT Mission by the MoUD, Govt of India.

Sr. No.	City	Population as per 2011 census	Corporation/ Municipality
1.	Visakhapatnam	17,82,433	Corporation
2.	Vijayawada	10,34,358	Corporation
3.	Guntur	7,43,354	Corporation
4.	Nellore	5,94,783	Corporation
5.	Kurnool	4,60,330	Corporation
6.	Tirupati	3,74,260	Corporation
7.	Kadapa	3,44,893	Corporation
8.	Rajahmundry	3,43,903	Corporation
9.	Kakinada	3,25,985	Corporation
10.	Ananthapuramu	2,62,340	Corporation
11.	Vizianagaram	2,54,790	Corporation
12.	Ongole	2,52,561	Corporation
13.	Eluru	2,17,876	Corporation
14.	Chittoor	1,97,254	Corporation
15.	Srikakulam	1,33,911	Corporation
16.	Nandyal	2,00,516	Municipality
17.	Machilipatnam	1,70,008	Municipality
18.	Adoni	1,66,537	Municipality
19.	Tenali	1,64,969	Municipality
20.	Proddatur	1,62,717	Municipality
21.	Hindupur	1,51,835	Municipality
22.	Bhimavaram	1,42,184	Municipality
23.	Madanapalle	1,35,669	Municipality
24.	Dharmavaram	1,26,958	Municipality
25.	Guntakal	1,26,270	Municipality
26.	Gudivada	1,18,259	Municipality
27.	Narasaraopeta	1,17,385	Municipality
28.	Tadipatri	1,08,171	Municipality
29.	Tadepalligudem	1,02,622	Municipality
30.	Chilakaluripet	1,01,398	Municipality
31.	Kavali	82,142	Municipality
32.	Srikalahasti	80,056	Municipality

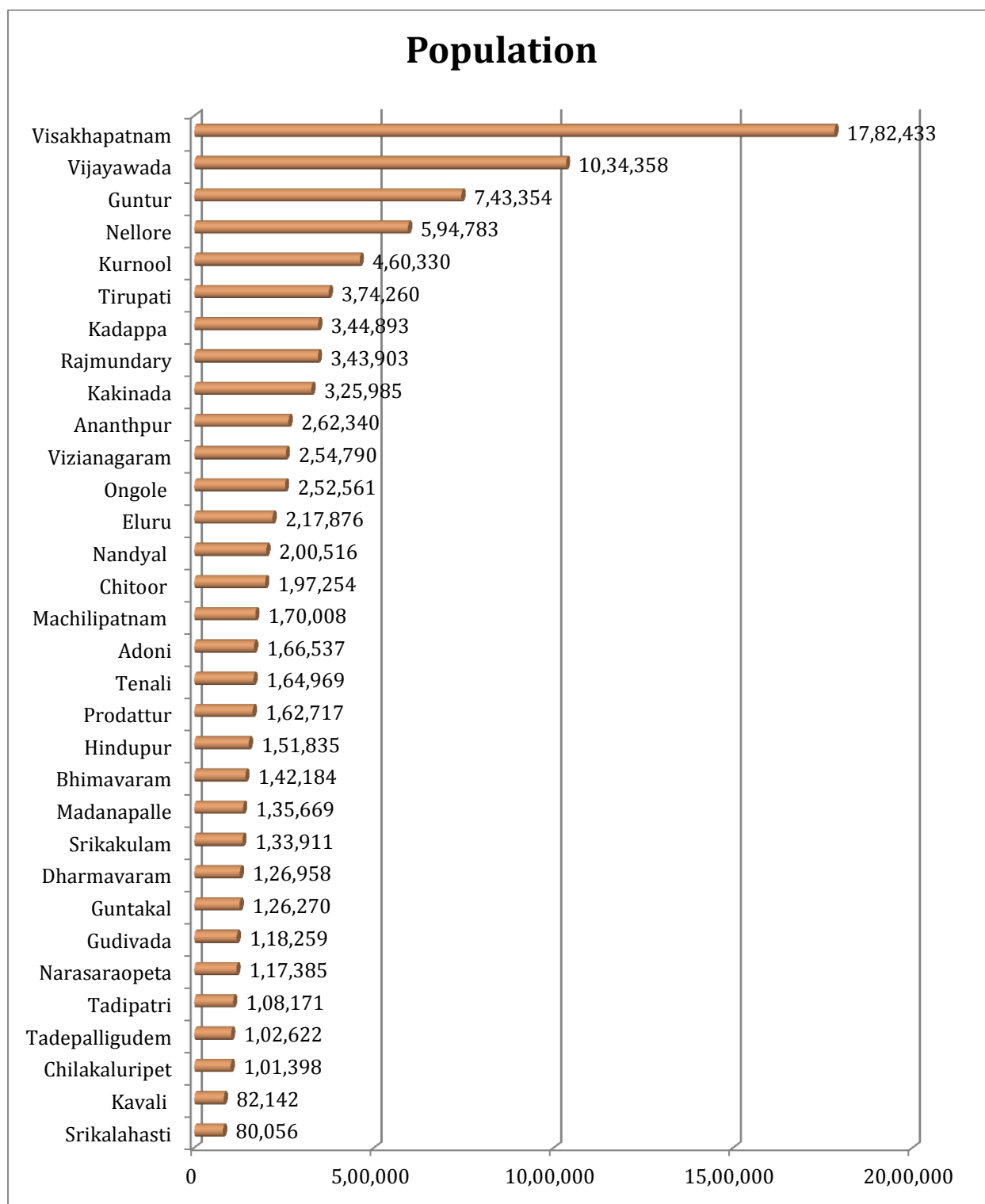


Figure 1: Population Distribution in Cities under AMRUT Mission in Andhra Pradesh

1.6 State Demography

The total population of the State is 4.93 crores. Urban population is about 30% of the total population. The distribution of Urban and Rural population and population under Amrut and Non-Amrut cities is presented in figures below.

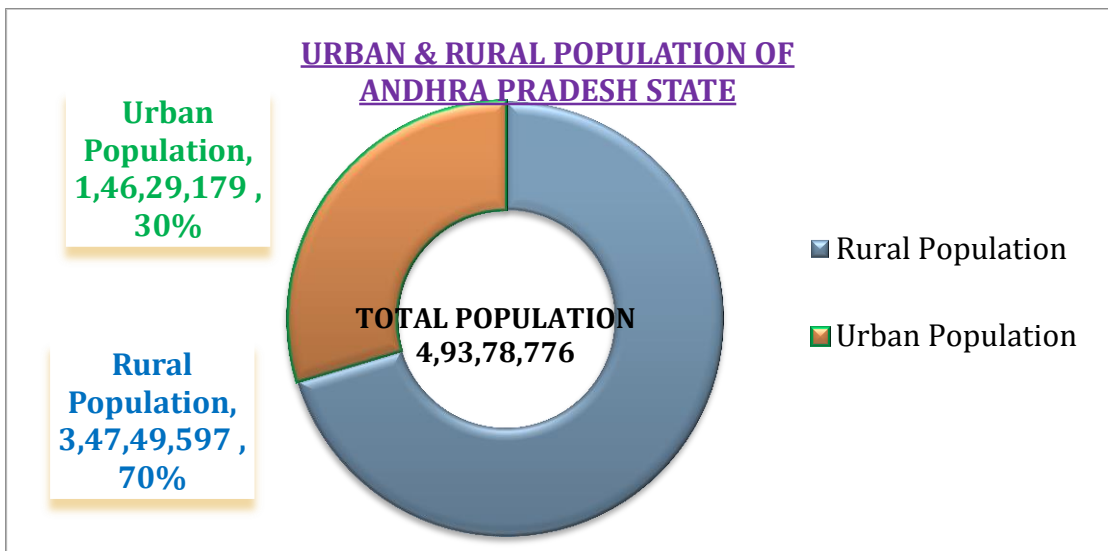


Figure 2: Population Distribution – Urban v/s Rural in Andhra Pradesh

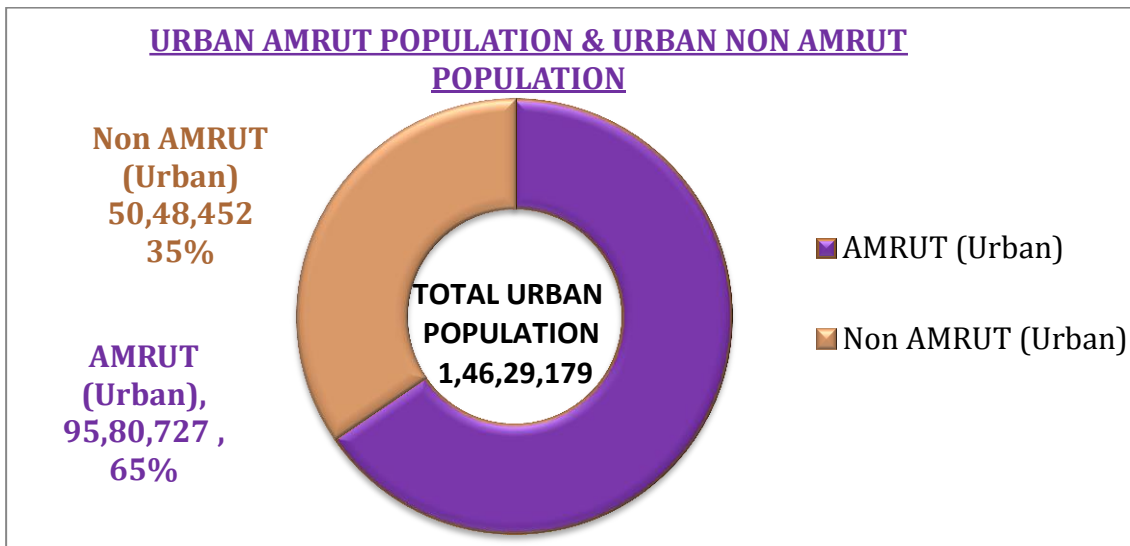


Figure 3: Population Distribution – AMRUT v/s Non-AMRUT in Andhra Pradesh

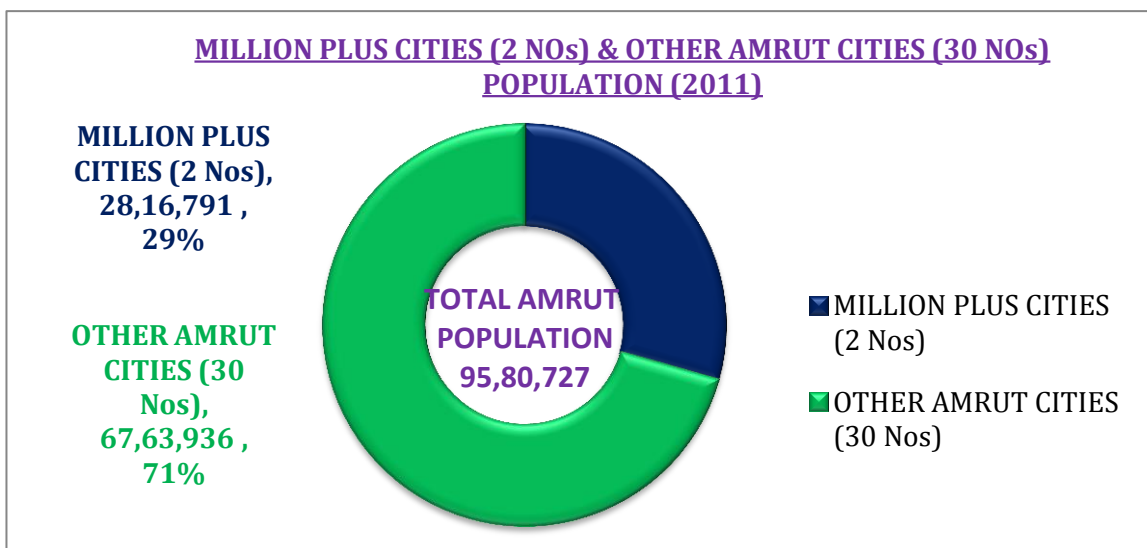


Figure 4: Population Distribution – Million Plus Cities (Visakhapatnam and Vijayawada) v/s other AMRUT Cities

1.7 Program Management Structure

For better program management the state mission directorate i.e. Andhra Pradesh Urban Finance and Infrastructure Development Corporation (APUFIDC) has divided the state into two regions. Region I consists of 7 districts in the northern part of the state and Region II consists of 6 districts in the southern part of the state. AECOM and TATA Consulting Engineers Limited (TCE) have been appointed as PDMCs for Region I and Region II respectively for providing End-to-End support in implementation of projects other than Parks and Green spaces in the state under AMRUT scheme. APUGBCL has been appointed as PDMC for providing End-to-End support in implementation of projects in Parks and Green spaces in the State.

Apart from PDMCs, the state government has constituted Technical Expert Committee (TEC), State Level Technical Committee (SLTC) and State High Power Steering Committee (SHPSOC). These committees shall appraise the documents prepared by the PDMCs and provide relevant administrative and technical approval for the same.

The tentative responsibilities of SLTC are:

- Appraise the DPRs and submit to SHPSOC for approval
- Issue technical sanctions,
- Ensure resilience to disasters,
- Check estimate IRR,
- Take corrective action on third party reports

Further to these committees, the City Level Review and Monitoring Committees have been constituted and District Level Review and Monitoring Committees are being constituted for monitoring the progress, for achieving better coordination of the AMRUT scheme and to facilitate effective implementation and finally completion of the projects.

1.8 Program Formulation

During SAAP 15-16 priority was given to “Coverage of Water Supply” in line with National Mission priority; however the fund allocation to different ULBs was limited due to constraints of availability of funds under SAAP 15-16. DPRs were prepared based on the fund allocation to different ULBs.

Integrated Water Sector Approach and Mission Period Planning

SAAP 16-17 has been prepared with a holistic integrated water sector approach where the project formulation and DPR preparation is linked to overall planned allocation under remaining mission period i.e FY 16-20, rather than limiting it to SAAP 16-17 fund. This approach will ensure that all the project components of a particular sector are planned and executed in an integrated manner rather than in truncated fashion. The Administrative Sanction for the projects for the rest of the mission period will be taken in the FY 16-17. Detailed project reports will also be prepared comprehensively for all the sectors and intra-sectors components. The project components will be planned in phased manner depending on fund allocation in different financial years.

The integrated water sector approach envisages concurrent planning, procurement and implementation of water supply, septage management and storm water drainage projects for achieving integration, optimization, resource utilization and elimination of duplication.

Water supply facilities

Keeping in view the national priorities, water supply is given the highest priority and projects are also prioritized based on critical gaps in key service level indicators like coverage and per capita supply so as to achieve reasonable levels of service viz., enhancing the coverage from 51.65% to 75.75% and increasing the per capita supply from 112.76 lpcd to 121.11 lpcd during the Mission Period, while meeting the immediate requirements of the towns. Some of the towns, where source availability is adequate, providing HSCs and coverage of water supply network are given priority.

For other towns which are facing acute raw water shortage like Vizianagaram, Chilakaluripet, Proddutur, Ongole, Hindupur, Tadipatri, Nandyal, Kurnool and Adoni, source augmentation works are proposed as priority projects. This will ensure at least daily water supply in every AMRUT town. The NRW levels will also be reduced progressively by means of replacement and rehabilitation of old broken and leaking pipelines, rehabilitation of leaking reservoirs and arresting overflows etc. through modern command and control measures.

Sewerage & Septage Management Facilities

In line with priorities of the GoI, GoAP has also adopted a policy to provide facilities for the treatment of septage in the septic tanks along with facilities for the conveyance and treatment of septic tank effluent and sullage flowing into the drains. GoAP is committed to provide efficient sanitation facilities to the residents not only to improve the quality of life but also to improve the environment and curb the contamination and degradation of water bodies due to discharge of untreated wastewater. Under SAAP 2016-17, it has been ensured that each ULB is able to develop sewage treatment infrastructure for at least part of the wastewater generation. The septage management facilities for entire town will be planned to be integrated with sewage treatment facility based on topography. Storm water drainage network will also be strengthened to convey the wastewater to treatment facilities in absence of planned sewerage network which will be taken in due course as per availability and mobilization of required funding. The toilet coverage is proposed to be enhanced from the present 90.17% to 100%, adequacy of treatment is proposed to be enhanced from 39.12% to 47.45% during the Mission Period. However, since the septage management route is chosen, only nominal enhancement of sewerage network coverage is envisaged.

Storm Water Drainage facilities

After meeting the reasonable levels of service in key service level indicators for water supply and septage management, with the limited resources available, it is envisaged to improve the coverage of Storm Water Drainage from 45.15% to 47.38% during the Mission Period.

At the same time, convergence of projects under ongoing schemes such as APMDP etc. is also considered while finalizing the allocation of funds to different ULBs. For example Water Supply and Sewerage projects in Guntur, Storm water drainage project in Vijayawada, Water supply & Sewerage improvement schemes in Nellore, Water Supply scheme in Madanapalle and Water supply scheme in Ananthapuramu are already being taken up under other programme. Therefore other cities have been selected for the funding from AMRUT in these sectors. The projects which are bankable on PPP mode are also identified.

Parks and Green Spaces development

In line with the Guidelines for enhancing the amenity value of cities, the coverage of parks and green spaces is proposed to be increased from 4.29% coverage to 6.77% during the Mission period by enhancing the green cover in all the Mission cities. PPP / PPPP / CSR options will be explored wherever feasible for the O&M of the developed parks and green spaces.

Citizen Involvement in Project Prioritization

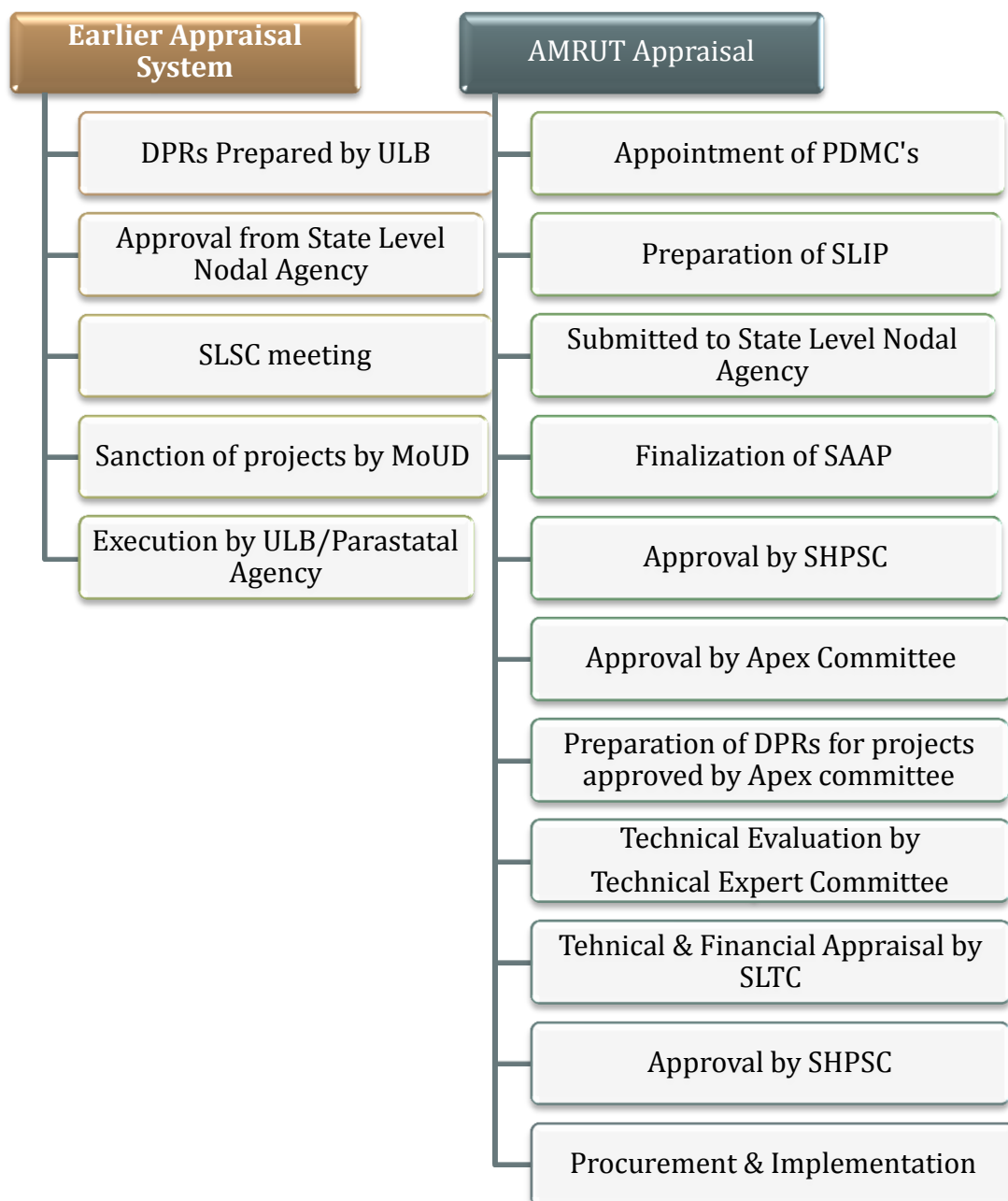
Although the priorities are finalized in line with National Priority i.e. Coverage of Water Supply and Sewerage, regional priorities are duly considered. The aspirations of THE PEOPLE – the end users, have been captured by arranging meetings at local as well as State level. Discussions were held with Chairperson, Mayors and Councilors & other key stakeholders to identify the needy areas sector-wise wherein immediate infrastructure improvement is required.

1.9 Funding Allocation

The Government of India (GOI) has allocated the Central Assistance (CA) (vide D.O. No. K-14012/95/2015-AMRUT-I dated June 06, 2016) Rs 351.60 Cr. for the year 2016-17.A&OE allocation for FY 16-17 is Rs. 9.376 Cr.

1.10 Appraisal

In the earlier appraisal system, DPRs of all the projects assisted by central government are to be appraised by MoUD. However with the introduction of AMRUT scheme for appraisal of projects, there's no need for the ULBs to approach MoUD for appraisal of the DPRs instead the appraisal of DPRs will be done at the State level through State Level Technical Committee (SLTC). PDMCs shall be providing End-to-End support to the ULBs for implementation of the projects under AMRUT scheme.



Technical Expert Committee for evaluation of DPRs

The GoAP will constitute a Technical Expert Committees (TEC) for different sectors, for technical evaluation of DPRs at different stages of the DPR preparation. The TEC will evaluate the DPRs at the concept stage, draft final stage and the final DPR prepared by the PDMCs and submit the evaluation report. After attending remarks of TEC, the DPRs will be placed before SLTC for financial & technical approval. The SLTC will appraise the DPRs duly considering the reports of TEC and will submit them for approval of SHPSC.

The City Level Review and Monitoring Committees and the District Level Review and Monitoring Committees will monitor the progress of preparation of DPRs, provide necessary coordination and facilitate approvals from line departments and provide assistance in smooth implementation and completion of the projects under AMRUT scheme.

Summary of SAAP 2016-17 and SAAP 2016-20

Table A: Sector Wise Proposed Total Project Fund and Sharing Pattern for Mission Period 2016-20
(Amount in Rs Cr.)

Sl. No	Sector	No. of Projects	Centre*	State	ULB	Convergence	Others	Total
1	Water Supply	38	571.46	317.05	396.85	0.00	0.00	1285.36
2	Sewerage and Septage Management	33	146.32	84.45	114.67	0.00	183.69**	529.13
3	Storm Water Drainage	8	147.80	80.84	97.99	0.00	0.00	326.63
4	Parks and Green Spaces	32	22.71	12.42	15.06	0.00	0.00	50.19
	Grand Total	111	888.30	494.76	624.56	0.00	183.69	2191.31

Note: * The GoI share is Rs. 888.30 Cr; which includes an amount of 132.09 Cr towards incentives over the mission period. The State has already claimed the 10% incentives for FY 15-16, which is under consideration by GoI.

** This includes state budget allocation of Rs. 100 Cr. for sewerage projects in AMRUT cities and RS. 83.69 Cr. being funded by the Andhra Pradesh Pollution Control Board (APPCB) for the STP projects taken up in the state.

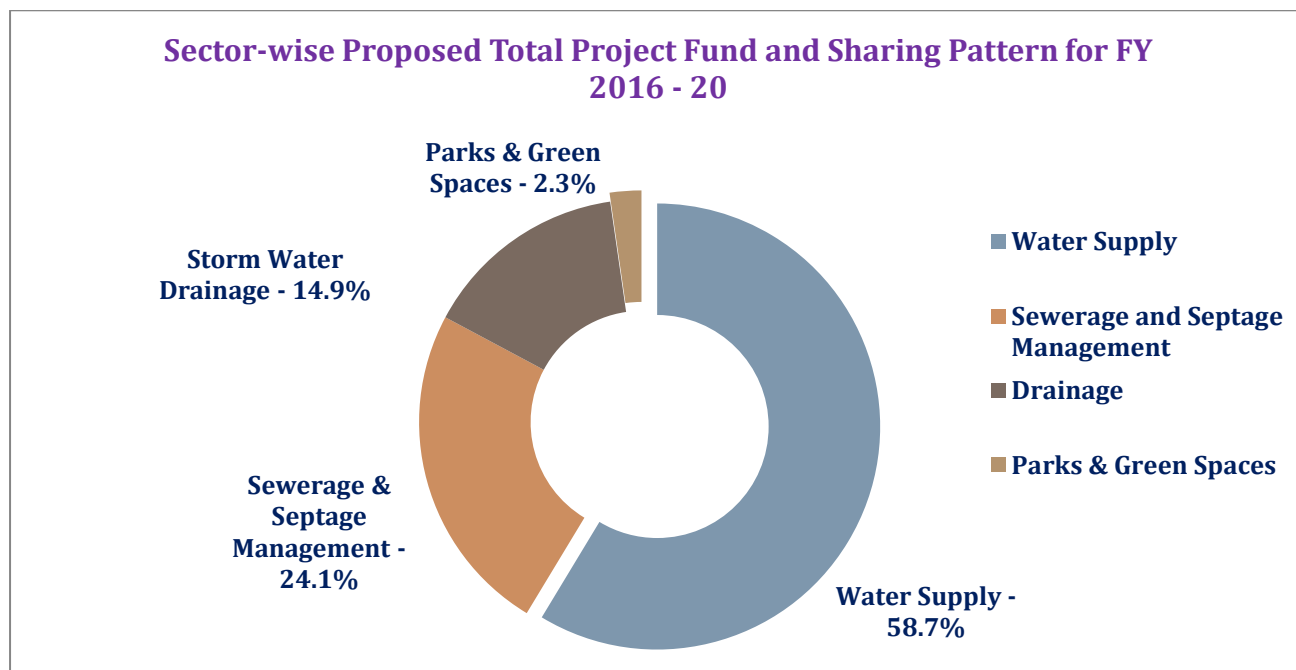


Table B: Sector-wise Proposed Total Project Fund and Sharing Pattern for FY 2016-17

(Amount in Rs Cr.)

Sl. No	Sector	No. of Projects	Centre	State	ULB	Convergence	Others	Total
1	Water Supply	38	237.20	97.65	153.39	0.00	0.00	488.23
2	Sewerage and Septage Management	33	54.23	24.77	44.86	0.00	144.62*	268.49
3	Storm Water Drainage	8	51.02	20.41	30.61	0.00	0.00	102.05
4	Parks and Green Spaces	32	9.15	3.66	5.49	0.00	0.00	18.29
	Grand Total	111	351.60	146.49	234.35	0.00	144.62	877.05

*Note: This includes a state budget allocation of INR 100 Cr. for sewerage projects in AMRUT cities and Rs. 44.62 Cr. is being funded by the Andhra Pradesh Pollution Control Board (APPCB) for the STP projects taken up in the state.

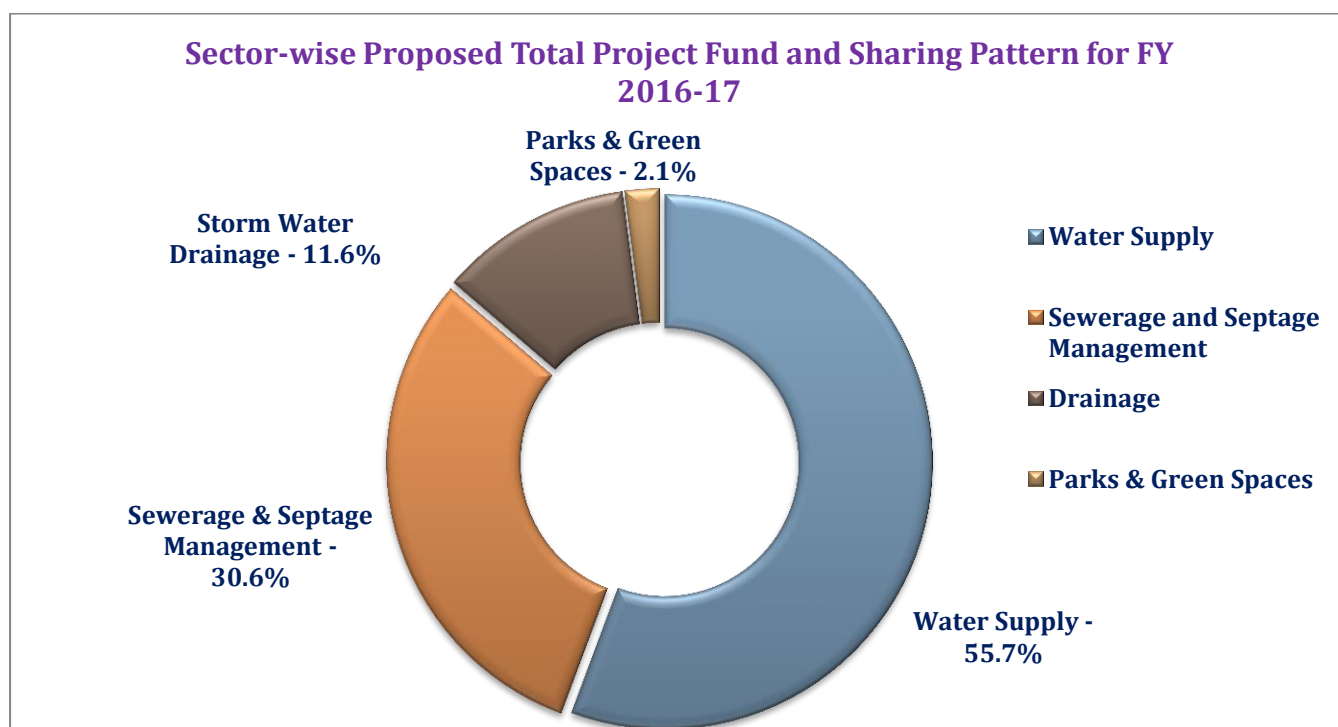


Table C : SAAP-Sector-wise Prioritized Projects Breakup of Consolidated Investments for all ULBs in FY 16-17

(Amount in Rs Cr.)

S No	Name of ULB	Water Supply	Sewerage & Septage Management	Storm Water Drainage	Parks & Green Spaces	Grand Total
1	Srikakulam	5.00	6.25	13.00	0.50	24.75
2	Vizianagaram	35.00	9.75	0.00	0.50	45.25
3	GVMC	41.50	10.00	0.00	1.20	52.70
4	Rajahmundry	0.00	9.75	30.00	0.50	40.25
5	Kakinada	0.00	9.75	12.00	0.75	22.50
6	Tadepalligudem	0.00	15.50	6.93	0.50	22.93
7	Bhimavaram	17.50	15.00	0.00	0.50	33.00
8	Eluru	4.20	14.21	0.00	0.50	18.91
9	Vijayawada	0.00	36.20	0.00	1.20	37.40
10	Machilipatnam	11.00	9.75	10.00	0.50	31.25
11	Gudivada	14.60	9.75	0.00	0.50	24.85
12	Tenali	0.00	18.50	0.00	0.50	19.00
13	Guntur	25.00	0.00	0.00	0.75	25.75
14	Narasaraopeta	3.50	1.00	0.00	0.50	5.00
15	Chilakaluripeta	42.00	9.75	0.00	0.50	52.25
16	Tirupathi	17.10	19.00	3.42	0.63	40.14
17	Ongole	41.19	5.25	0.00	0.50	46.94
18	Kavali	12.25	3.68	0.00	0.50	16.42
19	Nellore	0.00	0.00	20.70	0.63	21.33
20	Srikalahasti	1.20	5.25	0.00	0.50	6.95
21	Chittoor	43.86	5.25	0.00	0.50	49.61
22	Madanapalli	2.40	4.00	0.00	0.50	6.90
23	Kadapa	15.00	12.00	0.00	0.50	27.50
24	Proddutur	25.33	0.00	0.00	0.50	25.83
25	Tadipatri	35.63	0.00	0.00	0.50	36.13
26	Ananthapuramu	3.00	5.25	6.00	0.50	14.75
27	Dharmavaram	4.00	4.80	0.00	0.50	9.30
28	Hindupur	33.30	10.25	0.00	0.50	44.05
29	Nandyala	35.55	5.25	0.00	0.50	41.30
30	Guntakul	2.43	3.20	0.00	0.50	6.13
31	Adoni	4.80	1.75	0.00	0.50	7.05
32	Kurnool	11.90	8.40	0.00	0.63	20.93
Total		488.23	268.49	102.05	18.29	877.05

Table D : SAAP-Sector -wise Prioritized Projects Breakup of Consolidated Investments for all ULBs in FY 16-20
(Amount in Rs Cr.)

S No	Name of ULB	Water Supply	Sewerage & Septage Management	Storm Water Drainage	Parks & Green Spaces	Grand Total
1	Srikakulam	5.00	6.25	35.13	1.37	47.75
2	Vizianagaram	77.41	9.75	0.00	1.37	88.53
3	GVMC	67.41	30	0.00	3.29	100.70
4	Rajahmundry	0.00	9.75	60.41	1.37	71.53
5	Kakinada	0.00	9.75	76.97	2.06	88.78
6	Tadepalligudem	0.00	34.13	6.93	1.37	42.43
7	Bhimavaram	17.50	15.00	0.00	1.37	33.87
8	Eluru	4.20	27.55	0.00	1.37	33.12
9	Vijayawada	0.00	36.20	0.00	3.29	39.49
10	Machilipatnam	11.00	9.75	17.14	1.37	39.26
11	Gudivada	14.60	9.75	0.00	1.37	25.72
12	Tenali	0.00	18.50	0.00	1.37	19.87
13	Guntur	25.00	0.00	0.00	2.06	27.06
14	Narasaraopeta	3.50	1.00	0.00	1.37	5.87
15	Chilakaluripeta	117.41	9.75	0.00	1.37	128.53
16	Tirupathi	43.98	50	10.30	1.73	106.01
17	Ongole	105.43	17.50	0	1.37	124.30
18	Kavali	34.84	12.25	0.00	1.37	48.46
19	Nellore	0.00	0.00	101.0	1.73	102.73
20	Srikalahasti	4.00	17.50	0.00	1.37	22.87
21	Chittor	152.25	17.50	0.00	1.37	171.12
22	Madanapalle	8.00	9.00	0.00	1.37	18.37
23	Kadapa	55.00	52.00	0.00	1.37	108.37
24	Proddutur	115.46	0.00	0.00	1.37	116.83
25	Tadipatri	115.50	0.00	0.00	1.37	116.87
26	Ananthapuramu	10.00	17.50	18.76	1.37	47.63
27	Dharmavaram	8.00	16.00	0.00	1.37	25.37
28	Hindupur	106.00	22.50	0.00	1.37	129.87
29	Nandyal	117.50	17.50	0.00	1.37	136.37
30	Guntakul	8.38	16.00	0.00	1.37	25.75
31	Adoni	16.00	8.75	0.00	1.37	26.12
32	Kurnool	42.00	28.00	0.00	1.73	71.73
Total		1285.36	529.13	326.63	50.19	2191.31

Table 1.1 Breakup of total MoUD allocation for AMRUTName of State: ANDHRA PRADESH

FY2016-17

(Amount in Rs Cr.)

Total Central funds allocated to State	Allocation of Central funds for A&OE (@ 8% of Total given in column 1)	Allocation of funds for AMRUT (Central share)	Multiply col. 3 by x3) for AMRUT on col. 4 (project proposal to be three-times the annual allocation - CA)	Add equal (col. 4) State/ULB share	Total AMRUT annual size (cols.2+4+5)
1	2	3	4	5	6
126.576	9.376*	117.20	351.60	525.45**	886.43

Note:

*As per GoI communication, A&OE allocation for GoAP in SAAP 16-17 is Rs. 9.376 Cr.

** The State/ULB share is calculated duly taking into consideration the AMRUT guidelines of fund sharing based on the city population i.e. in the ratio of 50:20:30 for cities (*two nos - Vijayawada and Visakhapatnam*) above 10 Lakh population and 33.33:20:46.67 for remaining 30 cities under 10 lakh population. This amount also includes a state budget allocation of Rs. 100 Cr. for sewerage projects in AMRUT cities and Rs.44.62 Cr. being funded by the APPCB for the STP projects taken up in the state.

Table 1.2.1 Abstract – Sector-wise Proposed Total Project Fund and Sharing PatternName of State: ANDHRA PRADESH

FY2016-17

(Amount in Rs Cr.)

Sl. No	Sector	No. of Projects	Centre	State	ULB	Convergence	Others*	Total
1	Water Supply	38	237.20	97.65	153.39	0.00	0.00	488.23
2	Sewerage and Septage Management	33	54.23	24.77	44.86	0.00	144.62	268.49
3	Storm Water Drainage	8	51.02	20.41	30.61	0.00	0.00	102.05
4	Parks and Green Spaces	32	9.15	3.66	5.49	0.00	0.00	18.29
	Grand Total	111	351.60	146.49	234.35	0.00	144.62	877.05

*Note: This includes state budget allocation of Rs.100 Cr. for sewerage projects in AMRUT cities and Rs. 44.62 Cr. being funded by the APPCB for the STP projects taken up in the state.

Table 1.2.2 Abstract-Breakup of Total Fund Sharing PatternName of State: ANDHRA PRADESH

FY2016-17

(Amount in Rs Cr.)

Sl. No	Sector	Centre Mission	State			ULB			Convergence	Others*	Total
			14 th FC	Others	Total	14 th FC	Others	Total			
1	Water Supply	237.20		97.65	97.65		153.39	153.39		0.00	488.23
2	Sewerage and Septage Management	54.23		24.77	24.77		44.86	44.86		144.62	268.49
3	Storm Water Drainage	51.02		20.41	20.41		30.61	30.61		0.00	102.05
4	Parks and Green Spaces	9.15		3.66	3.66		5.49	5.49		0.00	18.29
	Grand Total	351.60	0.0	146.49	146.49	0.0	234.35	234.35	0.0	144.62	877.05

*Note: This includes state budget allocation of Rs.100 Cr. for sewerage projects in AMRUT cities and Rs. 44.62 Cr. being funded by the APPCB for the STP projects taken up in the state.

Table 1.3 Abstract-Uses of Funds on Projects: On Going and New

Name of State: ANDHRA PRADESH

FY2016-17

(Amount in Rs. Cr.)

Sector	Total Project Investment	Committed Expenditure (if any) from Previous year						Proposed Spending during Current Financial year						Balance Carry Forward for Next Financial Years								
		Centre	State			ULB			Centre	State			ULB			Centre	State			ULB		
			14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total			
Water Supply	1134.52	58.42	0.00	25.84	25.84	0.00	45.00	45.00	164.28	0.00	71.22	71.22	0.00	120.67	120.67	306.60	0.00	129.80	129.80	0.00	212.70	212.70
Sewerage & Septage Management	268.49	0	0.00	0.00	0.00	0.00	0.00	0.00	10.85	0.00	33.88	33.88	0.00	8.97	8.97	43.39	0.00	135.51	135.51	0.00	35.89	35.89
Storm Water Drainage	102.05	0	0.00	0.00	0.00	0.00	0.00	0.00	10.20	0.00	4.08	4.08	0.00	6.12	6.12	40.82	0.00	16.33	16.33	0.00	24.49	24.49
Parks and Green Spaces	34.86	1.657	0.00	0.66	0.66	0.00	0.99	0.99	5.14	0.00	2.06	2.06	0.00	3.09	3.09	10.63	0.00	4.25	4.25	0.00	6.38	6.38
Grand Total	1539.91	60.08	0.00	26.51	26.51	0.00	45.99	45.99	190.47	0.00	111.23	111.23	0.00	138.85	138.85	401.43	0.00	285.90	285.90	0.00	279.46	279.46

NOTE: The committed expenditure in previous year corresponds to 20% of the overall fund allocation under SAAP 15-16. In the current financial year it is proposed to utilize the 40% of fund under SAAP 15-16 and 20% of fund under SAAP 16-17 in addition to unutilized carryover fund from last year.

Table 1.4: Abstract - Plan for Achieving Service Level Benchmarks

FY- 2016-20

Proposed Priority Projects	Total Project Cost	Indicator	*Baseline	Annual Targets based on Master Plan (Increment from the Baseline Value)					
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020
				H1	H2				
Water Supply									
	1285.36	Household level coverage of direct water supply connections	51.65 %	0.0 %	0.0 %	9.25%	21.34%	24.11%	24.11%
		Per capita quantum of water supplied	112.76	0.00	0.00	0.00	0.00	8.35	8.35
		Quality of water supplied	98.09 %	0.0 %	0.0 %	0.00%	0.00 %	0.41 %	0.91 %
Sewerage and Septage Management									
	529.13	**Coverage of latrines (individual or community)	90.37 %	0.0 %	0.0 %	9.63%	9.63 %	9.63 %	9.63 %
		Coverage of sewerage network services	12.52 %	0.0 %	0.0 %	0.22%	0.44 %	0.45 %	0.45 %
		Efficiency of Collection of Sewerage	12.35 %	0.0 %	0.0 %	0.00%	0.00 %	0.00 %	0.00 %
		Adequacy in STP capacity	39.12 %	0.0 %	0.0 %	0.00%	0.00 %	8.33 %	8.33 %
Storm Water Drainage									
	326.63	Coverage of storm water drainage network	45.15 %	0.0 %	0.0 %	0.70%	1.48 %	2.02 %	2.23 %
Urban Transport									
	0	Service coverage of urban							

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		transport in the city							
		Availability of urban transport per 1000 population							
Others									
	50.19	Development of Parks & Green Spaces	4.29 %	0.0 0%	0.0 %	0.53 %	1.28 %	1.88 %	2.48 %

NOTE:

*Base line values are updated as per current service levels, after revisiting the SLIPs of different ULBs and duly incorporating the improvements due to ongoing works under different schemes.

**Coverage of latrines is being executed under Swachh Bharat Mission.

With the proposed project prioritization and fund allocation to different ULBs under AMRUT, it is expected to achieve the following outcomes:

- Daily water supply will be ensured in each of the AMRUT city.
- Some of cities viz. Vizianagaram, Narasaraopet, Chilakaluripet, Hindupur, Proddatur and Tadipatri will be able to meet the service level benchmark of 135 LPCD. For other ULBs, the LPCD will be increased from the present levels.
- Average coverage of water supply connections for the state at the end of mission period is expected to increase to 75.8. %
- Under AMRUT scheme, 197 MLD of total STP capacity will be added. This will not only abate the pollution of water bodies but also will be a source of revenue for the ULBs as the effluent of the STPs is proposed to be recycled for industrial and irrigation use.

Table 3.2: SAAP- Sector-wise Breakup of Consolidated Investments for all ULBs in the State for FY 2016-17

(Amount in Rs. Cr)

Name of City	Water Supply	Sewerage & Septage Management	Strom Water Drainage	Urban Transport	Parks & Green Spaces	Reforms	Total
1	2	3	4	5	6	7	8
Machilipatnam	11.00	9.75	10.00	0.00	0.50	0.00	31.25
Vijayawada	0.00	36.20	0.00	0.00	1.20	0.00	37.40
Tenali	0.00	18.50	0.00	0.00	0.50	0.00	19.00
Gudivada	14.60	9.75	0.00	0.00	0.50	0.00	24.85

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Name of City	Water Supply	Sewerage & Septage Management	Strom Water Drainage	Urban Transport	Parks & Green Spaces	Reforms	Total
Chilakaluripeta	42.00	9.75	0.00	0.00	0.50	0.00	52.25
Narasaraopeta	3.50	1.00	0.00	0.00	0.50	0.00	5.00
Eluru	4.20	14.21	0.00	0.00	0.50	0.00	18.91
Bhimavaram	17.50	15.00	0.00	0.00	0.50	0.00	33.00
Guntur	25.00	0.00	0.00	0.00	0.75	0.00	25.75
Visakhapatnam	41.50	10.00	0.00	0.00	1.20	0.00	52.70
Srikakulam	5.00	6.25	13.00	0.00	0.50	0.00	24.75
Kakinada	0.00	9.75	12.00	0.00	0.75	0.00	22.50
Tadepalligudem	0.00	15.50	6.93	0.00	0.50	0.00	22.93
Rajahmundry	0.00	9.75	30.00	0.00	0.50	0.00	40.25
Vizianagaram	35.00	9.75	0.00	0.00	0.50	0.00	45.25
Tirupati	17.10	19.00	3.42	0.00	0.63	0.00	40.14
Ongole	41.19	5.25	0.00	0.00	0.50	0.00	46.94
Kavali	12.25	3.68	0.00	0.00	0.50	0.00	16.43
Srikalahasti	1.20	5.25	0.00	0.00	0.50	0.00	6.95
Nellore	0.00	0.00	20.70	0.00	0.63	0.00	21.33
Chittoor	43.86	5.25	0.00	0.00	0.50	0.00	49.61
Madanapalle	2.40	4.00	0.00	0.00	0.50	0.00	6.90
Kadapa	15.00	12.00	0.00	0.00	0.50	0.00	27.50
Poddatur	25.33	0.00	0.00	0.00	0.50	0.00	25.83
Tadipatri	35.63	0.00	0.00	0.00	0.50	0.00	36.13
Ananthpuramu	3.00	5.25	6.00	0.00	0.50	0.00	14.75
Dharmavaram	4.00	4.80	0.00	0.00	0.50	0.00	9.30
Hindupur	33.30	10.25	0.00	0.00	0.50	0.00	44.05
Nandyal	35.55	5.25	0.00	0.00	0.50	0.00	41.30
Guntakal	2.43	3.20	0.00	0.00	0.50	0.00	6.13
Adoni	4.80	1.75	0.00	0.00	0.50	0.00	7.05
Kurnool	11.90	8.40	0.00	0.00	0.63	0.00	20.93
Total Project Investments							877.05
A&OE							9.376
Grand Total							886.43

Table 3.4: SAAP - Year Wise Share of Investments for All Sectors (ULB Wise)

Name of State - ANDHRA PRADESH

FY 2016-17

Name of City	Total Project Investment	Committed Expenditure (if any) from Previous year							Proposed Spending during Current Financial year							Balance Carry Forward for Next Financial Years						
		Centre	State			ULB			Centre	State			ULB			Centre	State			ULB		
			14 th FC	Others	Total	14 th FC	Others	Total		14 th FC	Others	Total	14 th FC	Others	Total		14 th FC	Others	Total			
Machilipatnam	62.73	3.15	0.00	1.26	1.26	0.00	1.89	1.89	8.72	0.00	4.89	4.89	0.00	5.23	5.23	16.00	0.00	11.99	11.99	0.00	9.60	9.60
Vijayawada	110.89	4.93	0.00	2.94	2.94	0.00	6.83	6.83	12.40	0.00	7.38	7.38	0.00	17.11	17.11	20.00	0.00	11.86	11.86	0.00	27.46	27.46
Tenali	26.83	0.78	0.00	0.31	0.31	0.00	0.47	0.47	2.55	0.00	2.85	2.85	0.00	1.53	1.53	5.50	0.00	9.54	9.54	0.00	3.30	3.30
Gudivada	51.40	2.66	0.00	1.06	1.06	0.00	1.59	1.59	7.10	0.00	4.24	4.24	0.00	4.26	4.26	12.45	0.00	10.57	10.57	0.00	7.47	7.47
Chilakaluripeta	60.25	0.80	0.00	0.32	0.32	0.00	0.48	0.48	6.13	0.00	3.85	3.85	0.00	3.68	3.68	19.70	0.00	13.47	13.47	0.00	11.82	11.82
Narasaraopeta	16.63	1.16	0.00	0.47	0.47	0.00	0.70	0.70	2.83	0.00	1.13	1.13	0.00	1.70	1.70	4.33	0.00	1.73	1.73	0.00	2.60	2.60
Eluru	21.69	0.28	0.00	0.11	0.11	0.00	0.17	0.17	1.80	0.00	2.01	2.01	0.00	1.08	1.08	5.55	0.00	7.36	7.36	0.00	3.33	3.33
Bhimavaram	68.73	3.57	0.00	1.43	1.43	0.00	2.14	2.14	9.62	0.00	5.51	5.51	0.00	5.77	5.77	17.03	0.00	13.45	13.45	0.00	10.22	10.22
Guntur	44.75	1.90	0.00	0.76	0.76	0.00	1.14	1.14	6.38	0.00	2.55	2.55	0.00	3.83	3.83	14.10	0.00	5.64	5.64	0.00	8.46	8.46
Visakhapatnam	167.27	7.67	0.00	4.58	4.58	0.00	10.66	10.66	18.90	0.00	11.27	11.27	0.00	26.20	26.20	29.55	0.00	17.60	17.60	0.00	40.84	40.84
Srikakulam	34.25	0.95	0.00	0.38	0.38	0.00	0.57	0.57	3.76	0.00	2.73	2.73	0.00	2.26	2.26	9.36	0.00	8.63	8.63	0.00	5.61	5.61
Kakinada	57.44	3.49	0.00	1.40	1.40	0.00	2.10	2.10	8.54	0.00	4.81	4.81	0.00	5.12	5.12	13.20	0.00	10.86	10.86	0.00	7.92	7.92
Tadepalligudem	35.10	1.22	0.00	0.49	0.49	0.00	0.73	0.73	4.01	0.00	3.04	3.04	0.00	2.41	2.41	8.74	0.00	9.23	9.23	0.00	5.24	5.24
Rajahmundry	43.25	0.30	0.00	0.12	0.12	0.00	0.18	0.18	3.93	0.00	2.97	2.97	0.00	2.36	2.36	13.90	0.00	11.15	11.15	0.00	8.34	8.34
Vizianagaram	50.75	0.55	0.00	0.22	0.22	0.00	0.33	0.33	4.93	0.00	3.37	3.37	0.00	2.96	2.96	16.40	0.00	12.15	12.15	0.00	9.84	9.84
Tirupati	118.40	7.83	0.00	3.13	3.13	0.00	4.70	4.70	19.36	0.00	8.37	8.37	0.00	11.62	11.62	30.46	0.00	14.70	14.70	0.00	18.28	18.28
Ongole	49.94	0.30	0.00	0.12	0.12	0.00	0.18	0.18	4.83	0.00	2.86	2.86	0.00	2.90	2.90	17.53	0.00	10.71	10.71	0.00	10.51	10.51
Kavali	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	1.17	1.17	0.00	0.79	0.79	5.27	0.00	4.70	4.70	0.00	3.17	3.17
Srikalahasti	6.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	1.02	1.02	0.00	0.14	0.14	0.93	0.00	4.07	4.07	0.00	0.56	0.56
Nellore	31.83	1.05	0.00	0.42	0.42	0.00	0.63	0.63	4.23	0.00	1.69	1.69	0.00	2.54	2.54	10.64	0.00	4.26	4.26	0.00	6.38	6.38
Chittoor	52.61	0.30	0.00	0.12	0.12	0.00	0.18	0.18	5.10	0.00	2.96	2.96	0.00	3.06	3.06	18.59	0.00	11.14	11.14	0.00	11.16	11.16
Madanapalle	23.92	1.70	0.00	0.68	0.68	0.00	1.02	1.02	3.75	0.00	2.18	2.18	0.00	2.25	2.25	4.80	0.00	4.64	4.64	0.00	2.88	2.88
Kadapa	63.56	3.61	0.00	1.44	1.44	0.00	2.16	2.16	9.06	0.00	5.43	5.43	0.00	5.43	5.43	14.60	0.00	13.08	13.08	0.00	8.74	8.74
Poddatur	26.33	0.05	0.00	0.02	0.02	0.00	0.03	0.03	2.68	0.00	1.07	1.07	0.00	1.61	1.61	10.44	0.00	4.18	4.18	0.00	6.26	6.26
Tadipatri	36.63	0.05	0.00	0.02	0.02	0.00	0.03	0.03	3.71	0.00	1.49	1.49	0.00	2.23	2.23	14.55	0.00	5.82	5.82	0.00	8.73	8.73
Ananthpuramu	15.25	0.03	0.00	0.02	0.02	0.00	0.05	0.05	1.07	0.00	1.37	1.37	0.00	0.71	0.71	4.11	0.00	5.36	5.36	0.00	2.53	2.53
Dharmavaram	24.81	1.55	0.00	0.62	0.62	0.00	0.93	0.93	3.62	0.00	2.26	2.26	0.00	2.17	2.17	5.19	0.00	5.34	5.34	0.00	3.12	3.12
Hindupur	44.55	0.05	0.00	0.02	0.02	0.00	0.03	0.03	3.73	0.00	3.05	3.05	0.00	2.24	2.24	14.61	0.00	12.06	12.06	0.00	8.76	8.76
Nandyal	60.55	1.93	0.00	0.77	0.77	0.00	1.16	1.16	7.53	0.00	3.93	3.93	0.00	4.52	4.52	18.53	0.00	11.11	11.11	0.00	11.12	11.12
Guntakal	20.71	1.46	0.00	0.58	0.58	0.00	0.87	0.87	3.25	0.00	1.86	1.86	0.00	1.94	1.94	4.24	0.00	3.94	3.94	0.00	2.53	2.53
Adoni	17.85	1.08	0.00	0.43	0.43	0.00	0.65	0.65	2.71	0.00	1.39	1.39	0.00	1.63	1.63	4.36	0.00	2.97	2.97	0.00	2.62	2.62
Kurnool	77.66	5.67	0.00	2.27	2.27	0.00	3.40	3.40	12.69	0.00	6.56	6.56	0.00	7.61	7.61	16.76	0.00	12.62	12.62	0.00	10.05	10.05
Total	1539.91	60.08	0.00	26.51	26.51	0.00	45.99	45.99	190.47	0.00	111.23	111.23	0.00	138.85	138.85	401.43	0.00	285.90	285.90	0.00	279.46	279.46

Chapter 2: Review of SAAP FY 2015-16

The state is required to prepare SAAP every year and get it approved by the Apex Committee. Before preparing the current year's SAAP, a key requirement is to review the performance of the approved SAAP of the previous years. This chapter reviews the performance of the implementation of the past SAAPs on key themes in the AMRUT Guidelines.

Project Progress

In this section the physical and financial progress is reviewed. Please complete the following table and respond to the questions.

Total 56 numbers of projects were approved in 2015-16 under AMRUT mission. Detailed list of the projects is as below.

Sl. No	Name ULB	Approved SAAP		Technical Sanction(Y/N)	SLT C (Y/N)	Work Order (Y/N)	Implementation Progress		¹ Amount disbursed till date (in Rs Cr.)
		Project name	Amount (in Rs Cr)				Physical (%)	Financial (%)	
1.	Srikakulum	Water Supply	9.00	Y	Y	N	NA	NA	1.33
		Parks	0.50	Y	Y	N	NA	NA	
2.	Vizianagaram	Water Supply	5.00	Y	Y	N	NA	NA	0.77
		Parks	0.50	Y	Y	N	NA	NA	
3.	Visakhapatnam	Water Supply	113.50	Y	Y	N	NA	NA	12.25
		Parks	1.07	Y	Y	N	NA	NA	
4.	Rajahmundry	Water Supply	2.50	Y	Y	N	NA	NA	0.42
		Parks	0.50	Y	Y	N	NA	NA	
5.	Kakinada	Water Supply	34.19	Y	Y	N	NA	NA	4.89
		Parks	0.75	Y	Y	N	NA	NA	

¹First installment of GoI and GoAP shares are made available to the concerned implementing agencies

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Sl. No	Name ULB	Approved SAAP		Technical Sanction(Y/N)	SLT C (Y/N)	Work Order (Y/N)	Implementation Progress		Amount disbursed till date (in Rs Cr.)
		Project name	Amount (in Rs Cr)				Physical (%)	Financial (%)	
6.	Tadepalligudem	Water Supply	11.67	Y	Y	N	NA	NA	1.71
		Parks	0.50	Y	Y	N	NA	NA	
7.	Bhimavaram	Water Supply	35.23	Y	Y	N	NA	NA	5.00
		Parks	0.50	Y	Y	N	NA	NA	
8.	Eluru	Water Supply	2.28	Y	Y	N	NA	NA	0.39
		Parks	0.50	Y	Y	N	NA	NA	
9.	Vijayawada	Water Supply	72.50	Y	Y	N	NA	NA	7.87
		Parks	1.00	Y	Y	N	NA	NA	
10.	Machilipatnam	Water Supply	30.98	Y	Y	N	NA	NA	4.41
		Parks	0.50	Y	Y	N	NA	NA	
11.	Gudivada	Water Supply	26.05	Y	Y	N	NA	NA	3.72
		Parks	0.50	Y	Y	N	NA	NA	
12.	Tenali	Water Supply	7.33	Y	Y	N	NA	NA	1.09
		Parks	0.50	Y	Y	N	NA	NA	
13.	Guntur	Water Supply	18.50	Y	Y	N	NA	NA	2.66
		Parks	0.50	Y	Y	N	NA	NA	
14.	Narasaraopeta	Water Supply	11.13	Y	Y	N	NA	NA	1.63
		Parks	0.50	Y	Y	N	NA	NA	
15.	Chilakaluripeta	Water Supply	7.50	Y	Y	N	NA	NA	1.12
		Parks	0.50	Y	Y	N	NA	NA	

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Sl. No	Name ULB	Approved SAAP		Technical Sanction(Y/N)	SLT C (Y/N)	Work Order (Y/N)	Implementation Progress		1Amount disbursed till date (in Rs Cr.)
		Project name	Amount (in Rs Cr)				Physical (%)	Financial (%)	
16.	Tirupati	Water Supply	77.50	Y	Y	N	NA	NA	10.97
		Parks	0.75	Y	Y	N	NA	NA	
17.	Ongle	Water Supply	2.50	Y	Y	N	NA	NA	0.42
		Parks	0.50	Y	Y	N	NA	NA	
18.	Nellore	Water Supply	10.00	Y	Y	N	NA	NA	0.07
		Parks	0.50	Y	Y	N	NA	NA	
19.	Chittoor	Water Supply	2.50	Y	Y	N	NA	NA	0.42
		Parks	0.50	Y	Y	N	NA	NA	
20.	Madanapalle	Water Supply	16.52	Y	Y	N	NA	NA	2.38
		Parks	0.50	Y	Y	N	NA	NA	
21.	Kadapa	Water Supply	35.56	Y	Y	N	NA	NA	5.05
		Parks	0.50	Y	Y	N	NA	NA	
22.	Proddutur	Water Supply	0.00	NA	NA	NA	NA	NA	0.07
		Parks	0.50	Y	Y	N	NA	NA	
23.	Tadipatri	Water Supply	0.00	NA	NA	NA	NA	NA	0.07
		Parks	0.50	Y	Y	N	NA	NA	
24.	Ananthpuramu	Water Supply	0.00	NA	NA	NA	NA	NA	0.07
		Parks	0.50	Y	Y	N	NA	NA	
25.	Dharmavaram	Water Supply	15.01	Y	Y	N	NA	NA	2.17
		Parks	0.50	Y	Y	N	NA	NA	

Sl. No	Name ULB	Approved SAAP		Technical Sanction(Y/N)	SLTC (Y/N)	Work Order (Y/N)	Implementation Progress		¹ Amount disbursed till date (in Rs Cr.)
		Project name	Amount (in Rs Cr)				Physical (%)	Financial (%)	
26.	Hindupur	Water Supply	0.00	NA	NA	NA	NA	NA	0.07
		Parks	0.50	Y	Y	N	NA	NA	
27.	Nandyal	Water Supply	18.75	Y	Y	N	NA	NA	2.70
		Parks	0.50	Y	Y	N	NA	NA	
28.	Guntakal	Water Supply	14.08	Y	Y	N	NA	NA	2.04
		Parks	0.50	Y	Y	N	NA	NA	
29.	Adoni	Water Supply	10.30	Y	Y	N	NA	NA	1.51
		Parks	0.50	Y	Y	N	NA	NA	
30.	Kurnool	Water Supply	56.23	Y	Y	N	NA	NA	7.94
		Parks	0.50	Y	Y	N	NA	NA	

- **Have DPRs been prepared for all projects approved earlier? If not then which are the projects for which DPR is pending and why? (500 words)**

Above list shows total 56 projects which include the 26 Projects in Water supply sector for universal coverage and 30 projects for parks and garden spaces. DPRs for all the projects identified in SAAP 2015-16 have been prepared.

- **What is the plan of action for the pending DPRs? (300 words)**

Not applicable as the DPRs for all the projects have already been prepared.

- **How many SLTC meetings had been held in the State? How many DPRs have been approved by the SLTC till date? (250 words)**

First SLTC meeting was held after approval of SAAP 2015-16. Of the total 56 projects taken up under SAAP 2015-16, DPRs for all projects were approved. The total cost of approved DPRs was Rs.804.46 crores against SAAP (FY 2015-16) cost of Rs.662.86 crores. The increased cost amounting Rs.151.58 crore includes cost against five year O&M and other inadmissible components.

- **By when will the pending DPRs be approved by the SLTC and when will implementation start? (250 words)**

All the DPRs have already been approved by SLTC. The procurement of projects is in progress and implementation of the projects will start by the end of July 2016.

- **Based on the identification of delayed projects and the reasons for slow physical progress, what is the plan of action to speed-up the projects? (300 words)**

Procurement process is underway for all the 56 projects. The SHPSC has taken stock of the status of the projects and has approved the option sought by the SLNA for application of existing GOs / committees for approval of NITs / approval of Tenders etc. in order to speed up procurement. The status is being constantly monitored by the SLNA to ensure grounding of works for these projects by the end of July 2016.

- **How much amount has been utilized and what is the percentage share of the funding agencies? Are there any deviations from the approved funding pattern approved by the Apex Committee? (tabular form and 500 words).**

So far no fund utilization has taken place in terms of expenditures on projects approved under SAAP 2015-16. There is no deviation from the approved funding pattern.

- **List out the projects where release of funds to ULBs by the State was delayed?**

First installment of GoAP and GoI has been made available to the implementing agency in the month of June 2016.

- **In how many ULBs implementation was done by agencies other than ULBs? Was a resolution taken from all ULBs? (tabular and 200 words)**

Except for Madanapalli, all other ULBs will be executing the projects by themselves. For Madanapalli, PHED will be the implementing agency. Accordingly council resolution has been taken for Madanapalli.

- **List out the projects where the assessed value approved by the Apex Committee was greater than the tendered value and there was a saving? Was this addressed by the HPSC in the present SAAP? (tabular and 200 words)**

Not applicable, as preparation of NIT's is underway for the projects approved by Apex Committee under SAAP 2015-16.

- **List out the number of city-wise projects where the second and third installments were claimed. (Tabular form).**

Not applicable, as preparation of NIT's is underway for the projects approved by Apex Committee under SAAP 2015-16.

- **List out the city-wise completed projects. Was the targeted benchmark achieved? Explain the reasons for non-achievement (tabular form and 400 words).**

Not applicable, as preparation of NIT's is underway for the projects approved by Apex Committee under SAAP 2015-16.

- **List out the details of projects taken up in PPP model. Describe the type of PPP (tabular; 300 words)**

NIL

- **List out and describe any out-of-the-box initiatives/Smart Solutions/resilience used/incorporated in the projects under implementation. What is the nature of the innovation in the projects? (tabular; 300 words)**

Resilience has been incorporated in the design of all projects to be implemented like earthquake resistant design for ELSRs located in earthquake prone zones and for wind force in cities located in high wind velocity areas. The Water supply projects have been prioritized based on 6A, 6B, 6C & 6D, so as to achieve more with less.

Service Levels

The focus of AMRUT is to achieve service level benchmarks, such as universal coverage in water supply, sewer connections, and so on. In the approved SAAPs, the States/ULBs have targeted the benchmark of universal coverage. The SAAP has to review the progress towards targets set by the States/ULBs to move towards achievement of universal coverage, etc. Please complete the following table and respond to the questions based on the table.

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Name of City	Service Level Benchmark	SAAP Baseline (as in 2015)	SAAP Mission Target	For the last Financial Year	
				Incremental Target up to beginning of current FY	Achievement up to beginning of current FY
Sector: Water Supply					
Srikakulam	Coverage of House Service Connections (HSC)	38%	100%	1.95%	0%
	Per Capita Supply (LPCD)	115	117	0	0
Vizianagaram	Coverage of HSC	30%	100%	3.50%	0%
	LPCD	70	135	0	0
Visakhapatnam	Coverage of HSC	61%	100%	3.13%	0%
	LPCD	109	114	0	0
Rajahmundry	Coverage of HSC	79%	87%	4.05%	0%
	LPCD	135	135	-	-
Bhimavaram	Coverage of HSC	44%	100%	2.26%	0%
	LPCD	88	119.5	0	0
Kakinada	Coverage of HSC	49%	100%	2.51%	0%
	LPCD	108	108	0	0
Tadepalligudem	Coverage of HSC	57%	100%	2.92%	0%
	LPCD	75	75	0	0
Vijayawada	Coverage of HSC	48%	59%	2.46%	0%

State Annual Action Plan (SAAP)

	LPCD	145	145	0	0
Tenali	Coverage of HSC	8%	76%	0.41%	0%
	LPCD	135	135	-	-
Narasaraopeta	Coverage of HSC	61%	100%	3.13%	0%
	LPCD	126	135	0	0
Chilakaluripet	Coverage of HSC	51.00%	100%	2.61%	0%
	LPCD	99	135	0	0
Guntur	Coverage of HSC	54%	100%	2.77%	0%
	LPCD	99	99	0	0
Eluru	Coverage of HSC	66%	85%	3.38%	0%
	LPCD	135	135	-	-
Machilipatnam	Coverage of HSC	50%	77%	2.56%	0%
	LPCD	68	90	0	0
Gudivada	Coverage of HSC	48%	79%	2.46%	0%
	LPCD	95	93	0	0
Amaravathi	Coverage of HSC	-	-	-	-
	LPCD	-	-	-	-
Ongole	Coverage of HSC	49%	77%	2.51%	0%
	LPCD	80	125	0	0
Nellore	Coverage of HSC	35%	35%	2.31%	0%
	LPCD	124	124	0	0
Madanapalle	Coverage of HSC	20%	32%	1.03%	0%
	LPCD	24	24	0	0

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Chittoor	Coverage of HSC	21%	100%	1.08%	0%
	LPCD	48	64	0	0
Tirupati	Coverage of HSC	41%	41%	2.31%	0%
	LPCD	65	135	0	0
Hindupur	Coverage of HSC	37%	37%	0%	0%
	LPCD	56	135	0	0
Guntakal	Coverage of HSC	47%	53%	2.41%	0%
	LPCD	100	100	0	0
Tadipatri	Coverage of HSC	41%	41%	0%	0%
	LPCD	49	135	0	0
Dharmavaram	Coverage of HSC	69%	69%	0%	0%
	LPCD	169	169	0	0
Ananthapuramu	Coverage of HSC	48%	48%	0%	0%
	LPCD	140	140	-	-
Nandyal	Coverage of HSC	51%	52%	0%	0%
	LPCD	69	69	0	0
Adoni	Coverage of HSC	43%	43%	2.20%	0%
	LPCD	104	116	0	0
Kurnool	Coverage of HSCs	46%	66%	2.36%	0%
	LPCD	80	135	0	0
Proddutur	Coverage of HSC	45%	46%	0%	0%
	LPCD	66	135	0	0
Kadapa	Coverage of HSC	52%	52%	2.67%	0%

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	LPCD	119	119	0	0
Sector: Green spaces and parks					
GVMC		07.75%	15.00%	8.30%	0.00%
Vizianagaram		09.35%	15.00%	9.80%	0.00%
Srikakulam		02.10%	15.00%	2.52%	0.00%
Rajahmundry		11.57%	15.00%	12.05%	0.00%
Kakinada		01.38%	15.00%	2.00%	0.00%
Eluru		11.95%	15.00%	12.51%	0.00%
Bhimavaram		04.17%	15.00%	4.64%	0.00%
Tadepalligudem		0.30%	15.00%	0.75%	0.00%
Vijayawada		06.52%	15.00%	7.00%	0.00%
Guntur		03.35%	15.00%	3.86%	0.00%
Machilipatnam		03.82%	15.00%	4.25%	0.00%
Tenali		02.95%	15.00%	3.45%	0.00%
Gudivada		06.67%	15.00%	7.05%	0.00%
Narasaraopet		01.95%	15.00%	2.45%	0.00%
Chilakaluripet		0.38%	15.00%	0.82%	0.00%
Nellore		04.48%	15.00%	4.86%	0.00%
Tirupati		08.28%	15.00%	9.06%	0.00%
Ongole		03.57%	15.00%	4.18%	0.00%
Kurnool		06.54%	15.00%	7.15%	0.00%
Kadapa		0.91%	15.00%	1.53%	0.00%
Anantapuramu		01.35%	15.00%	1.95%	0.00%
Nandyal		08.99%	15.00%	9.45%	0.00%
Adoni		02.03%	15.00%	2.65%	0.00%
Proddatur		02.29%	15.00%	2.75%	0.00%
Chittoor		05.79%	15.00%	6.40%	0.00%
Hindupur		0.52%	15.00%	1.02%	0.00%
Madanapalle		07.20%	15.00%	7.95%	0.00%
Guntakal		0.37%	15.00%	0.85%	0.00%
Dharmavaram		01.13%	15.00%	1.72%	0.00%
Tadipatri		01.00%	15.00%	1.50%	0.00%

- **In how many projects, city-wise, have targets not been achieved? What is the Plan for Action to achieve the targets? (tabular form; 500 words)**

Not applicable, as preparation of NIT's is underway for the projects approved by Apex Committee under SAAP 2015-16.

- **What are the status of the ongoing DPR preparation and the plan of action for the pending DPRs? (300 words)**

The DPRs have been prepared for all the projects under SAAP 2015-16

- **How many SLTC meetings had been held in the State? How many DPRs have been approved by the SLTC till date? (250 words)**

- First SLTC meeting was held after approval of SAAP 2015-16. Of the total 56 projects taken up under SAAP 2015-16, DPRs for all projects were approved. The total cost of approved DPRs was Rs.804.46 crores against SAAP (FY 2015-16) cost of Rs.662.86 crores. The increased cost amounting to Rs.151.58 crore includes cost against five year O&M and other inadmissible components.

Capacity Building

There are two types of capacity building – individual and institutional. The Apex Committee had approved the annual capacity building plan and the SAAP of the current year has to review the progress of the capacity plan. Please fill out following table and answer the questions.

Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
1.	Srikakulam	Elected Representatives	36	60	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	9			
		Town planning Dept.	10			
		Administration Department	3			
2.	Vizianagaram	Elected Representatives	40	68	0	MCR HRD, ASCI,

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Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
		Finance Department	3			RCUES, ESCI, CSE (New Delhi) and CGG
		Engineering Department	9			
		Town planning Dept.	13			
		Administration Department	3			
3.	GVMC	Elected Representatives	72	252	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	8			
		Engineering Department	124			
		Town planning Dept.	33			
		Administration Department	15			
4.	Rajahmundry	Elected Representatives	50	117	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	23			
		Town planning Dept.	30			
		Administration Department	12			
5.	Kakinada	Elected Representatives	50	99	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	22			
		Town planning Dept.	13			
		Administration Department	12			

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Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
6.	Eluru	Elected Representatives	50	90	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	13			
		Town planning Dept.	13			
		Administration Department	12			
7.	Tadepalligudem	Elected Representatives	35	57	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	9			
		Town planning Dept.	8			
		Administration Department	3			
8.	Bhimavaram	Elected Representatives	39	63	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	1			
		Engineering Department	11			
		Town planning Dept.	9			
		Administration Department	3			
9.	Vijayawada	Elected Representatives	59	165	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	3			
		Engineering Department	71			
		Town planning Dept.	19			

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Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
		Administration Department	13			
10.	Machilipatnam	Elected Representatives	42	76	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	11			
		Town planning Dept.	18			
		Administration Department	3			
11.	Gudivada	Elected Representatives	36	56	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	9			
		Town planning Dept.	6			
		Administration Department	3			
12.	Amravati (New Capital City)	Elected Representatives	0	0	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	0			
		Engineering Department	0			
		Town planning Dept.	0			
		Administration Department	0			
13.	Guntur	Elected Representatives	57	142	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and
		Finance Department	4			
		Engineering Department	30			

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Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
		Town planning Dept.	36			CGG
		Administration Department	15			
14.	Narasaraopet	Elected Representatives	34	48	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	4			
		Town planning Dept.	6			
		Administration Department	2			
15.	Chilakaluripet	Elected Representatives	34	49	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	4			
		Town planning Dept.	6			
		Administration Department	2			
16.	Tenali	Elected Representatives	40	65	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	1			
		Engineering Department	9			
		Town planning Dept.	12			
		Administration Department	3			
17.	Ongole	Elected Representatives	50	69	0	MCR HRD, ASCI, RCUES, ESCI, CSE
		Finance Department	1			

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Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
		Engineering Department	9			(New Delhi) and CGG
		Town planning Dept.	6			
		Administration Department	3			
18.	Nellore	Elected Representatives	54	118	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	22			
		Town planning Dept.	28			
		Administration Department	12			
19.	Madanapalle	Elected Representatives	35	54	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	1			
		Engineering Department	4			
		Town planning Dept.	12			
		Administration Department	2			
20.	Tirupati	Elected Representatives	50	106	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	22			
		Town planning Dept.	20			
		Administration Department	12			

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Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
21.	Chittoor	Elected Representatives	50	71	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	1			
		Engineering Department	8			
		Town planning Dept.	9			
		Administration Department	3			
22.	Kadapa	Elected Representatives	50	115	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	21			
		Town planning Dept.	30			
		Administration Department	12			
23.	Proddutur	Elected Representatives	40	69	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	1			
		Engineering Department	9			
		Town planning Dept.	16			
		Administration Department	3			
24.	Dharmavaram	Elected Representatives	40	63	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	9			
		Town planning Dept.	9			

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Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
		Administration Department	3			
25.	Tadipatri	Elected Representatives	34	54	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	1			
		Engineering Department	4			
		Town planning Dept.	13			
		Administration Department	2			
26.	Anantapuramu	Elected Representatives	50	105	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	20			
		Town planning Dept.	21			
		Administration Department	12			
27.	Guntakal	Elected Representatives	37	65	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	9			
		Town planning Dept.	14			
		Administration Department	3			
28.	Hindupur	Elected Representatives	38	64	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and
		Finance Department	1			
		Engineering Department	9			

Sl. No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
		Town planning Dept.	13			CGG
		Administration Department	3			
29.	Kurnool	Elected Representatives	51	110	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	2			
		Engineering Department	21			
		Town planning Dept.	24			
		Administration Department	12			
30.	Adoni	Elected Representatives	41	66	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	1			
		Engineering Department	10			
		Town planning Dept.	11			
		Administration Department	3			
31.	Nandyal	Elected Representatives	42	68	0	MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG
		Finance Department	1			
		Engineering Department	9			
		Town planning Dept.	13			
		Administration Department	3			

- In how many departments was training completed as approved in the SAAP of the last Financial Year? In how many departments was training partially done

and in how many departments training not done at all? Please give reasons (300 words)

Training programmes were not conducted for the financial year 2015-16. The SAAP for 2015-16 was approved in October 2015. The State had entered into MoUs with the following 6 training entities in April-May 2016 MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG. The Training Entities (TE) have been allotted the following departments as per the table below

S.No.	Empanelled Training Entities (TE)	Departments assigned to TE
1	Centre for Good Governance (CGG), Hyderabad	Finance & Revenue
		Administration
2	Dr. MCR HRD, Hyderabad	Town Planning
		Administration
3	Administrative Staff College of India (ASCI), Hyderabad	Engineering & Public Health
		Town Planning
		Administration
4	Engineering Staff College of India (ESCI), Hyderabad	Engineering & Public Health
		Town Planning
5	Regional Centre for Urban and Environmental Studies (RCUES), Hyderabad	Finance & Revenue
6	Centre for Science & Environment, New Delhi	Engineering & Public Health
		Town Planning

Training programmes for the first batch is scheduled from July 2016 onwards.

- **List out the training institutes that could not complete training of targeted functionaries. What were the reasons and how will this be avoided in future? (tabular; 300 words)**

Training programmes for the first batch is scheduled from July 2016 onwards

- **What were the reasons and how will this be avoided in future? (tabular; 300 words)**

The State had entered into MoUs with the following 6 training entities in April-May 2016 MCR HRD, ASCI, RCUES, ESCI, CSE (New Delhi) and CGG. As mentioned in the table above, the TE's have allotted the above mentioned departments. Training programmes for the first batch is scheduled from July 2016 onwards

- **What is the status of utilization of funds? (250 words)**

As no training programs were conducted, funds have not been utilized.

- **Have the participants visited best practice sites? Give details (350 words)**

Field visits to best practices sites have been planned for elected representatives / officials from July 2016 onwards

- **Have the participants attended any national/international workshops, as per guideline (Annexure 7)? (350 words)**

The TEs have proposed State, Regional and National workshops from October 2016 to March 2017

- **What is the plan of action for the pending activities, if any? (400 words)**

The first batch of the training programmes will be rolled out from July 2016 with all the empanelled training entities followed by a department specific TNA survey prepared by CBUD. It is proposed to complete the orientation and capsules and TNA survey by August 2016, consecutive department specific capsules will emerge after the TNA survey. Department specific training capsules are proposed to commence from September 2016 onwards.

Reforms

According to Guideline 4.3, incentives of previous year will be given at the start of succeeding year, for which States are required to do a self-assessment, on receipt of which incentives will be awarded. A key requirement to claim incentives is to achieve at least 70 per cent Reforms for that year. Some of the criteria to be considered while doing the assessment are as follows:

Reforms implemented by the ULBs for the year 2015-16

Sl. No.	Reform Type	Milestones	Target for the last FY (Timeline)	Achievement for the last FY (Timeline)	No. of ULBs achieved the reform	No. of ULBs not achieved the reform
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		1. Creation of ULB website	March, 2016	March, 2016	30	nil
		2. Publication of E-Newsletter, Digital India initiative	March, 2016	March, 2016	30	nil

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Sl. No.	Reform Type	Milestones	Target for the last FY (Timeline)	Achievement for the last FY (Timeline)	No. of ULBs achieved the reform	No. of ULBs not achieved the reform
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	E-Governance	3. Support Digital India(PPP mode/ducting by ULB itself)	March, 2016	March, 2016	30	nil
2.	Augmenting double entry accounting	1. Complete migration to double entry accounting system and obtaining an audit certificate to the effect from FY 2012-13 onwards	March, 2016	March, 2016	26	4
		2. Publication of Annual financial statement on website	March, 2016	March, 2016	30	nil
3.	Urban Planning and City Development Plans	1. Develop at least one children park every year in the AMRUT cities	March, 2016	March, 2016	14	16
4.	Municipal tax and fees improvement	1. At least 90 % coverage of property tax	March, 2016	March, 2016	30	nil
		2. At least 90% collection of property tax	March, 2016	March, 2016	30	nil
		3. Post Demand Collection Balance(DCB) of tax details on the website	March, 2016	March, 2016	30	nil
5.	Improvement in levy and collection of user charges	1. Make action plan to reduce water losses to less than 20% and publish on the website	March, 2016	March, 2016	27	3
		2. Separate accounts for user charges	March, 2016	March, 2016	30	nil
		3. At least 90%	March,	March,	30	nil

Sl. No.	Reform Type	Milestones	Target for the last FY (Timeline)	Achievement for the last FY (Timeline)	No. of ULBs achieved the reform	No. of ULBs not achieved the reform
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		billing of water charges	2016	2016		
		4. At least 90% collection of water charges	March, 2016	March, 2016	30	nil
6.	Energy and Water audit	1. Optimize energy consumption in street lights by using energy efficient lights and increasing reliance on renewable energy	March, 2016	March, 2016	30	nil

Reforms implemented by the State for the year 2015-16

Sl. No.	Reform Type	Milestones	Target for the last FY (Timeline)	Achievement for the last FY (Timeline)	Whether the State achieved the reform (Yes/No)
(1)	(2)	(3)	(4)	(5)	(6)
1.	Constitution and Professionalization of Municipal Cadre	1. Policy for engagement of interns in ULBs and implementation	March, 2016	March, 2016	Yes
2.	Urban Planning and City Development Plans	1. Preparation of Service Level Improvement Plans (SLIP), State Annual Action Plans(SAAP)	September, 2015	September, 2015	Yes
		2. Make action plan to progressively	September, 2015	September, 2015	Yes

Sl. No.	Reform Type	Milestones	Target for the last FY (Timeline)	Achievement for the last FY (Timeline)	Whether the State achieved the reform (Yes/No)
(1)	(2)	(3)	(4)	(5)	(6)
		increase Green cover in cities to 15% in 5 years			
		3. Establish a system for maintaining of parks, playgrounds and recreational areas relying on People Public Private Partnership(PPPP) model	March, 2016	March, 2016	Yes
3.	Devolution of funds and functions	1. Ensure transfer of XIV th FC devolution to ULBs	September, 2015	September, 2015	Yes
		2. Appointment of State Finance Commission (SFC) and making decisions	March, 2016	March, 2016	Yes
		3. Transfer of all 18 functions to ULBs	March, 2016	March, 2016	Yes
4.	Review of Building By-laws	1. Revision of building bye-laws periodically	March, 2016	March, 2016	Yes
		2. Create single window clearance for all approvals to give building permissions	March, 2016	March, 2016	Yes
5.	Municipal tax and fees improvement	1. Make a policy to, periodically revise property tax, levy charges and others	March, 2016	March, 2016	Yes
		2. Achieve full potential of advertisement revenue by making a policy for	March, 2016	March, 2016	No

Sl. No.	Reform Type	Milestones	Target for the last FY (Timeline)	Achievement for the last FY (Timeline)	Whether the State achieved the reform (Yes/No)
(1)	(2)	(3)	(4)	(5)	(6)
		destination specific potential having dynamic pricing module			
6.	Improvement in levy and collection of user charges	1. Adopt a policy on user charges for individual and institutional assessments in which a differential rate is charged for water use and adequate	March, 2016	March, 2016	No
7.	Energy and Water audit	1. Energy (Street lights) and water audit (including non-revenue water or losses audit)	March, 2016	March, 2016	Yes
		2. Making STPs and WTPs energy efficient	March, 2016	March, 2016	Yes

- **Have the Reform formats prescribed by the TCPO furnished?**

Road map for implementation of reform milestones under AMRUT indicating activities and timelines for the financial years 2015-16 to 2018-19 in Andhra Pradesh was furnished to all AMRUT cities, Heads of Departments, TCPO in this office letter Roc. No. 01/AMRUT/2015 dated 11.12.2015.

- **Did the State as a whole complete 70 percent of Reforms? If, yes was the incentive claimed? (100 words)**

State of Andhra Pradesh as a whole completed 93.77 percent of reforms. In this office Letter No. 1190/2016/AMRUT Reform incentive dated 25.05.2016 of Mission Director, AMRUT, Andhra Pradesh and Managing Director, APUFIDC, Hyderabad has submitted

Self-Assessment form on implementation of reforms by ULBs and the State for the year 2015-16 with documentary evidence in six volumes duly page numbered and spiral bounded to Joint Secretary, MoUD, GOI towards claim for reform incentive. Incentive amount was claimed in this office letter dated 25.05.2016

- **What was the amount of incentive claimed? How was it distributed among the ULBs and what was it used for? (tabular; 300 words)**

The state has submitted its claim for incentives in Reform implementation in May 2016. The reforms are in the process of verification by MoUD, GoI.

The incentive amount due to the States will be allotted by the Ministry of Urban Development, Govt. of India. After receipt of the incentive amount from MoUD, GOI the matter will be placed before SHPSC for distribution among ULBs and the purposes for when it should be utilized.

- **What is the status of Reforms to be completed in the Mission period? Has advance action been taken and a Plan of Action prepared? (500 words)**

Detailed plan of action for reform implementation under AMRUT for the financial years 2015-16 to 2018-19 was communicated to all AMRUT Cities and concerned Heads of Departments in this office Letter Roc. No. 01/AMRUT/2015, dated 24.09.2015.

Road map and milestones for implementation of reforms in the State and ULBs under AMRUT in Andhra Pradesh for the year 2016-17 has been prepared on 30.05.2016.

1. Status of reforms to be completed for the year 2016-17

i. E-Governance

Preparation of software for ten services is under progress and expected to be completed by the end of July, 2016.

ii. Establishment of Municipal Cadre

Government has constituted the following State Municipal Subordinate Services covering different classes of officers and employees to work exclusively in Municipalities to improve E-Governance in ULBs.

- a. A.P. Municipal Ministerial Subordinate Service
- b. A.P. Municipal Town Planning Subordinate Service
- c. A.P. Municipal Engineering Service
- d. A.P. Municipal Accounts Subordinate Service
- e. A.P. Municipal Health(Municipalities) Subordinate Service

- f. A.P. Urban Poverty Alleviation (Municipal Administration) Subordinate Service

Service Rules have issued for the above Services during the years 1977 to 2012.

A.P. State Services

The following State Service Rules were issued to cater to the needs of municipalities and Government Departments; namely Municipal Administration Dept., Public Health and Municipal Engineering Dept. and Town and Country Planning Dept.

- a. A.P. Municipalities Commissioners Service Rules, 1964, later on replaced by A.P. Municipal Administration Service Rules, 1990
- b. A.P. Municipal Commissioners Subordinate Service Rules, 1959
- c. A.P. Public Health and Municipal Engineering Service Rules, 1965
- d. A.P. Town Planning Service Rules, 1992
- e. A.P. Urban Poverty Alleviation (Municipal Administration & Urban Development Service Rules, 1998)
- iii. Draft policy paper and action plan are prepared for the following reforms.
 - a. State level policy for non-motorized transport
 - b. State level Policy and action plan for having solar roof top in all buildings having an area more than 500 sq. meters
 - c. State level policy and action plan for having rain water harvesting structures
 - d. State level policy for giving incentives for green buildings

The Draft policy papers and action plans will be submitted to the Govt. shortly.

- iv. Set up financial intermediary at State level

Government have issued orders in G.O. Rt. No. 557 dated 26-8-2015 of MA & UD Department designating APUFIDC to act as financial intermediary at state level in order to pool funds from all sources and release funds to ULBs in time.

- v. Reforms to be achieved by 31.03.2018

Establishment of Urban Development Authorities (UDAs)

- i. UDAs have been established for the following cities under Andhra Pradesh Urban Areas (Development) Act, 1975
 - a. Visakhapatnam
 - b. Tirupathi
 - c. Puttaparthi

- ii. Capital Region Development Authority was established for the capital city in the year 2014.
- iii. Further the Andhra Pradesh Metropolitan Region and Urban Development Authorities Act, 2016 has been enacted to come into force from 8.02.2016 duly repealing the earlier Act. It is proposed to establish new UDAs under this Act shortly.
- vi. Elimination of open defecation

Construction of individual toilets, community toilets and public toilets is under brisk progress as per the targets fixed and expected to be completed by March, 2017.

- **Give any instances of innovation in Reform implementation. (300 words)**

There are no instances of innovation in reform implementation.

Use of A&OE

- **What are the items for which the A&OE has been used? (tabular; 250 words)**

The A&OE has been used in appointment of PDMCs, SMMU and CMMU's. The A&OE funds are also used for preparation of SLIPs for all the mission cities. Part of the funds has also been used for organizing a state level workshop on 23rd and 24th May 2016 for finalization of projects to be taken under SAAP 2016-17.

- **Are the items similar to the approved items in SAAP or there is any deviation? If yes, list the items with reasons (tabular; 300 words)**

Yes, all the items are as per the approved items in SAAP 2015-16

- **What is the utilization status of funds? (tabular; 250 words)**

GoI has released an amount of 7.75 Cr. towards A&OE charges, of which 65.88 Lakhs is utilized.

- **Has the IRMA been appointed? What was the procedure followed?(250 words)**

No, the state has not yet appointed the IRMA

- **If not appointed, give reason for delay and the likely date of appointment (100 words)**

The tender preparation is under progress for all the projects that are approved under SAAP 2015-16. The IRMA shall be appointed once the tenders are rolled out.

- **Have you taken up activities connected to E-Municipality as a Service (E-MAAS)? Please give details. (250 words)**

Yes, the state has taken up activities related to E-MAAS such as Registration of Birth, Death and Marriage, Water & Sewerage Charges, Grievance Redressal, Property Tax, Advertisement tax, Issuance of Licenses, Building Permissions, Mutations, Payroll, Pension and e-procurement.

- **Have you displayed the logo and tagline of AMRUT prominently on all projects? Please give list. (tabular; 100 words)**

Not applicable as the projects have not yet implemented

- **Have you utilised the funds on any of the inadmissible components (para 4.4)? If yes, give list and reasons. (tabular; 350 words)**

No part of the funds has been utilized for inadmissible components. All the funds obtained by the state are being utilized only for the admissible components.

Funds flow

One reason for project delay has been delayed release of funds. In the following table indicate the status of funds release and resource mobilization.

S. No	City name	Project name	Funds flow							
			GoI		State		ULB/Others		Total funds flow to project	Total spent on project
			Approved amount	Disbursed	Approved amount	Disbursed	Approved amount	Disbursed		
1	RAJAHMUNDRY	-	0.3	0.30	0.12	0.12	-	-	0.42	-
2	ELURU	-	0.28	0.28	0.11	0.11	-	-	0.39	-
3	ANANTAPUR	-	0.05	0.05	0.02	0.02	-	-	0.07	-
4	TENALI	-	0.78	0.78	0.31	0.31	-	-	1.09	-
5	VIJAYAWADA	-	4.93	4.93	2.94	2.94	-	-	7.87	-
6	NARASARAOPEPET	-	1.16	1.16	0.47	0.47	-	-	1.63	-

State Annual Action Plan (SAAP)

S. No	City name	Project name	Funds flow							
			GoI		State		ULB/Others		Total funds flow to project	Total spent on project
			Approved amount	Disbursed	Approved amount	Disbursed	Approved amount	Disbursed		
7	NELLORE	-	1.05	0.05	0.42	0.02	-	-	0.07	-
8	KADAPA	-	3.61	3.61	1.44	1.44	-	-	5.05	-
9	SRIKAKULAM	-	0.95	0.95	0.38	0.38	-	-	1.33	-
10	DHARMAVARAM	-	1.55	1.55	0.62	0.62	-	-	2.17	-
11	TIRUPATHI	-	7.83	7.83	3.14	3.14	-	-	10.97	-
12	VISAKHAPATNAM	-	7.67	7.67	4.58	4.58	-	-	12.25	-
13	KAKINADA	-	3.49	3.49	1.40	1.40	-	-	4.89	-
14	GUNTAKAL	-	1.46	1.46	0.58	0.58	-	-	2.04	-
15	ADONI	-	1.08	1.08	0.43	0.43	-	-	1.51	-
16	GUNTUR(C)	-	1.90	1.90	0.76	0.76	-	-	2.66	-
17	CHILAKALURIPET	-	0.8	0.8	0.32	0.32	-	-	1.12	-
18	GUDIVADA	-	2.66	2.66	1.06	1.06	-	-	3.72	-
19	BHIMAVARAM	-	3.57	3.57	1.43	1.43	-	-	5.00	-
20	ONGOLE	-	0.30	0.30	0.12	0.12	-	-	0.42	-
21	KURNOOL	-	5.67	5.67	2.27	2.27	-	-	7.94	-
22	TADEPALLIGUDEM	-	1.22	1.22	0.49	0.49	-	-	1.71	-
23	NANDYAL	-	1.93	1.93	0.77	0.77	-	-	2.70	-
24	PRODDATUR	-	0.05	0.05	0.02	0.02	-	-	0.07	-
25	VIZIANAGARAM	-	0.55	0.55	0.22	0.22	-	-	0.77	-
26	MACHILIPATNAM	-	3.15	3.15	1.26	1.26	-	-	4.41	-

S. No	City name	Project name	Funds flow							
			GoI		State		ULB/Others		Total funds flow to project	Total spent on project
			Approved amount	Disbursed	Approved amount	Disbursed	Approved amount	Disbursed		
27	HINDUPUR	-	0.05	0.05	0.02	0.02	-	-	0.07	-
28	TADIPATRI	-	0.05	0.05	0.02	0.02	-	-	0.07	-
29	CHITTOOR	-	0.3	0.3	0.12	0.12	-	-	0.42	-
30	MADANAPALLE	-	1.7	1.7	0.68	0.68	-	-	2.38	-
31	AMARAVATHI	-	0	0.00	0	-	0	-	0	-
Total			60.08	59.09	26.52	26.12	-	-	85.21	0

- **In how many projects, city-wise, has the full funds been sanctioned and disbursed? (tabular form; 500 words)**

Not applicable as there is no city which was sanctioned full funds. Procurement is under progress for all the cities for implementation of SAAP 2015-16 projects.

- **Identify projects where delay in funds release led to delay in project implementation? (300 words)**

No, the 1st installment of funds was released for all the cities and the tenders are still under progress for implementation of projects approved under SAAP 2015-16. Hence there is no delay in project implementation due to delay in funds release.

- **Give instances of doing more with less during implementation. (400 words)**

Not applicable as the tenders are still under progress for implementation of projects approved under SAAP 2015-16.

Funds disbursements and Conditions

- **How many project fund request has been made to the GoI? (250 words)**

There is no request made to the GoI for the project fund.

- **How many installments the GoI has released? (250 words)**

1st installment of 20% of funds was released by the GoI.

- **Is there any observation from the GoI regarding the claims made? (350 words)**

The state has claimed for the incentives in Reforms. The request for the claim related to incentives in reforms is in review with the GoI.

- **List out the conditions imposed by the Apex Committee, State HPSC and the SLTC. Have all the conditions been complied with? If, no identify the conditions not complied with and give reasons for non-compliance. (tabular; 500 words)**

The list of the conditions imposed by the Apex Committee, State HPSC and the SLTC such as O&M and recovery mechanism by means of user charges etc. imposed by the committees are complied with.

Chapter 3: STATE ANNUAL ACTION PLAN (SAAP) FY 2016-17

The SAAPs are aggregated from the SLIPs. Please fill out the Master Plan of projects (Table 3.1; pg.43) and the state level plan for achieving service levels (Table 3.5; pg.46 of AMRUT Guidelines).

Table 3.1: SAAP- Master Plan of all projects details to achieve universal coverage during the current Mission period based on Table 2.1 (FYs 2015-16 and 2019-20)

(Amount in Rs. Crore)

Name of State: ANDHRA PRADESH

Current Mission Period 2015-20

Sr. No.	Name of ULB (water supply and sewerage)	Total number of projects to achieve universal coverage	Estimated Cost	Number of years to achieve universal coverage
1	2	3	4	5
1.	Machilipatnam	4	37.89	4
2.	Vijayawada	1	36.20	3
3.	Tenali	1	18.50	3
4.	Gudivada	3	24.35	3
5.	Chilakaluripeta	2	127.16	5
6.	Narasaraopeta	2	4.50	3
7.	Eluru	3	31.75	4
8.	Bhimavaram	3	32.50	3
9.	Guntur	1	25.00	3
10.	Visakhapatnam	3	97.41	4
11.	Srikakulam	3	46.38	5
12.	Kakinada	2	86.72	5
13.	Tadepalligudem	3	41.06	3
14.	Rajahmundry	2	70.15	5
15.	Vizianagaram	3	87.16	5
16.	Tirupati	5	104.28	2
17.	Ongole	2	122.93	2
18.	Kavali	2	47.09	3
19.	Srikalahasti	2	21.50	3
20.	Nellore	1	101.00	4
21.	Chittoor	3	169.77	3
22.	Madanpalle	2	17.00	3
23.	Kadapa	2	107.00	3
24.	Prodattur	4	115.46	3

Sr. No.	Name of ULB (water supply and sewerage)	Total number of projects to achieve universal coverage	Estimated Cost	Number of years to achieve universal coverage
25.	Tadipatri	3	115.50	2
26.	Ananthpur	3	46.26	3
27.	Dharmavaram	2	24.00	3
28.	Hindupur	3	128.50	3
29.	Nandyal	3	135.00	3
30.	Guntakal	2	24.38	3
31.	Adoni	2	24.75	3
32.	Kurnool	2	70.00	3
	TOTAL	79	2141.12	

Table 3.5: SAAP- – State level Plan for Achieving Service Level Benchmarks

Name of State –ANDHRA PRADESH

Current Mission Period- 2016-20

Proposed Priority Projects	Total Project Cost	Indicator	*Baseline	Annual Targets based on Master Plan (Increment from the Baseline Value)					
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020
				H1	H2				
Water Supply									
	1285.36	Household level coverage of direct water supply connections	51.65 %	0.00 %	0.00 %	9.25%	21.34 %	24.11 %	24.11 %
		Per capita quantum of water supplied	112.76	0.00	0.00	0.00	0.00	8.35	8.35
		Quality of water supplied	98.09 %	0.00 %	0.00 %	0.00%	0.00 %	0.41 %	0.91 %
Sewerage and Septage Management									
	529.13	**Coverage of latrines (individual or community)	90.37 %	0.00 %	0.00 %	9.63%	9.63 %	9.63 %	9.63 %
		Coverage of sewerage network services	12.52 %	0.00 %	0.00 %	0.22%	0.44 %	0.45 %	0.45 %
		Efficiency of Collection of Sewerage	12.35 %	0.00 %	0.00 %	0.00%	0.00 %	0.00 %	0.00 %
		Adequacy in STP capacity	39.12 %	0.00 %	0.00 %	0.00%	0.00 %	8.33 %	8.33 %
Drainage									
	326.63	Coverage of storm water drainage network	45.15 %	0.00 %	0.00 %	0.70%	1.48 %	2.02 %	2.23 %

Urban Transport									
	0	Service coverage of urban transport in the city							
		Availability of urban transport per 1000 population							
Others									
	50.19	Development of Parks	4.29 %	0.0 0%	0.0 %	0.53 %	1.28 %	1.88 %	2.48 %

NOTE:

*Base line values are updated as per current service levels, after revisiting the SLIPs of different ULBs and duly incorporating the improvements due to ongoing works under different schemes.

**Coverage of latrines is being executed under Swachh Bharat Mission.

The table below gives the details of the projects sector wise that are being posed for approval to the Apex Committee.

S.No	City name	Project name	Estimated cost and share				Change in service levels		
			GoI	State	ULB/Others	Total	Indicator	Existing	After project completion
1	Srikakulam	Water Supply	2.26	1.24	1.50	5.00	Household level coverage	37.52%	100%
							Per capita quantum of water supplied	117	117
		Septage Management & STP	0.06	6.15	0.04	6.25	Adequacy of STP	0%	21%
							Coverage of Sewerage Network	0%	0%
Storm Water Drainage	15.90	8.69	10.54	35.13	Coverage of Storm Water Drainage Network	44%	64%		

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2	Vizianagaram						Household level coverage	31.98%	100%
		Water Supply	35.03	19.16	23.22	77.41	Per capita quantum of water supplied	65	135
		Septage Management & STP	1.25	7.67	0.83	9.75	Adequacy of STP	0%	16%
							Coverage of Sewerage Network	0%	0%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	49%	49%
3	Visakhapatnam						Household level coverage	65.50%	100%
		Water Supply	20.33	15.62	31.46	67.41	Per capita quantum of water supplied	114	114
		Septage Management & STP	9.05	6.95	14.00	30.00	Adequacy of STP	91%	91%
							Coverage of Sewerage Network	7%	0%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	45%	45%
4	Rajahmundry						Household level coverage	78.81%	87%
		Water Supply	0.00	0.00	0.00	0.00	Per capita quantum of water supplied	135	135
		Septage Management & STP	1.25	7.67	0.83	9.75	Adequacy of STP	70%	82%
							Coverage of Sewerage Network	0%	0%
		Storm Water Drainage	27.33	14.95	18.12	60.41	Coverage of Storm Water Drainage Network	67%	78%
5	Kakinada	Water Supply	0.00	0.00	0.00	0.00	Household level coverage	64.18%	100%

							Per capita quantum of water supplied	108	108
							Adequacy of STP	0%	11%
		Septage Management & STP	1.25	7.67	0.83	9.75	Coverage of Sewerage Network	0%	0%
		Storm Water Drainage	34.83	19.05	23.09	76.97	Coverage of Storm Water Drainage Network	50%	65%
6	Tadepalligudem						Household level coverage	57.38%	100%
		Water Supply	0.00	0.00	0.00	0.00	Per capita quantum of water supplied	75.00	75.00
		Septage Management & STP	11.01	15.82	7.30	34.13	Adequacy of STP	0%	88%
							Coverage of Sewerage Network	60.03%	0.00%
		Storm Water Drainage	3.14	1.72	2.08	6.93	Coverage of Storm Water Drainage Network	30%	50%
7	Bhimavaram						Household level coverage	43.60%	100%
		Water Supply	7.92	4.33	5.25	17.50	Per capita quantum of water supplied	119.5	119.5
		Septage Management & STP	3.03	9.95	2.01	15.00	Adequacy of STP	0%	50%
							Coverage of Sewerage Network	0%	0%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	60%	60%
8	Eluru						Household level coverage	66.31%	85%
		Water Supply	1.90	1.04	1.26	4.20	Per capita quantum of	135.00	135.00

							water supplied		
		Septage Management & STP	8.71	13.06	5.78	27.55	Adequacy of STP	0%	33%
							Coverage of Sewerage Network	6%	6%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	60%	60%
9	Vijayawada						Household level coverage	48.75%	59%
		Water Supply	0.00	0.00	0.00	0.00	Per capita quantum of water supplied	144	144
		Sewerage network	10.92	8.39	16.89	36.20	Coverage of Sewerage Network	70%	5%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	42%	42%
10	Machilipatnam						Household level coverage	70.19%	77%
		Water Supply	4.98	2.72	3.30	11.00	Per capita quantum of water supplied	68	90
							Adequacy of STP	0%	22%
		Septage Management & STP	1.25	7.67	0.83	9.75	Coverage of Sewerage Network	5%	5%
		Storm Water Drainage	7.75	4.24	5.14	17.14	Coverage of Storm Water Drainage Network	30%	44%
11	Gudivada						Household level coverage	47.60%	79%
		Water Supply	6.61	3.61	4.38	14.60	Per capita quantum of water supplied	92.66	92.66
		Septage Management	1.25	7.67	0.83	9.75	Adequacy of STP	0%	30%

		& STP					Coverage of Sewerage Network	0%	0%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	22%	22%
12	Tenali	Water Supply	0.00	0.00	0.00	0.00	Household level coverage	7.88%	76%
							Per capita quantum of water supplied	135	135
		Septage Management & STP	4.22	11.48	2.80	18.50	Adequacy of STP	0%	46%
							Coverage of Sewerage Network	0%	0%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	83%	83%
13	Guntur	Water Supply	11.31	6.19	7.50	25.00	Household level coverage	52.76%	100%
							Per capita quantum of water supplied	99	99
		Septage Management & STP	0.00	0.00	0.00	0.00	Coverage of Sewerage Network	10%	100%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	40%	40%
14	Narasaraopeta	Water Supply	1.58	0.87	1.05	3.50	Household level coverage	57.37%	100%
							Per capita quantum of water supplied	126	135
		Septage Management & STP	0.45	0.25	0.30	1.00	Adequacy of STP	0%	0%
							Coverage of Sewerage	66%	0%

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							Network		
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	39%	39%
15	Chilakaluripeta	Water Supply	53.13	29.06	35.22	117.41	Household level coverage	51.74%	100%
							Per capita quantum of water supplied	99	135
		Septage Management & STP	1.25	7.67	0.83	9.75	Adequacy of STP	0%	35%
							Coverage of Sewerage Network	0%	0%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	69%	69%
16	Tirupati	Water Supply	19.90	10.88	13.19	43.98	Household level coverage	41.26%	50.52%
							Per capita quantum of water supplied	113.837	113.837
		Septage Management & STP	21.76	13.81	14.43	50.00	Adequacy of STP	78.25%	78.25%
							Coverage of Sewerage Network	71.62%	71.62%
		Storm Water Drainage	4.66	2.55	3.09	10.30	Coverage of Storm Water Drainage Network	76.71%	77.69%
17	ONGOLE	Water Supply	47.71	26.09	31.63	105.43	Household level coverage	46.38%	76.55%
							Per capita quantum of water supplied	80.97	124.97
		Septage Management	4.43	10.14	2.94	17.50	Adequacy of STP	0.00%	23.17%

State Annual Action Plan (SAAP)

		& STP					Coverage of Sewerage Network	0.00%	0.00 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	36.19%	36.19 %
18	Kavali						Household level coverage	22.28%	99.99 %
		Water Supply	15.76	8.62	10.45	34.84	Per capita quantum of water supplied	103.2282	103.2282
		Septage Management & STP	3.10	7.10	2.05	12.25	Adequacy of STP	0.00%	42.24 %
							Coverage of Sewerage Network	0.00%	0.00 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	95.89%	95.89 %
19	Nellore						Household level coverage	34.68%	34.68 %
		Water Supply	0.00	0.00	0.00	0.00	Per capita quantum of water supplied	124.25	124.25
		Septage Management & STP	0.00	0.00	0.00	0.00	Adequacy of STP	27.29%	27.29 %
							Coverage of Sewerage Network	3.09%	3.09 %
		Storm Water Drainage	45.70	25.00	30.30	101.00	Coverage of Storm Water Drainage Network	60.31%	66.35 %
20	Srikalahasti						Household level coverage	99.54%	99.54 %
		Water Supply	1.81	0.99	1.20	4.00	Per capita quantum of water supplied	116.1977	116.1977
		Septage Management	4.43	10.14	2.94	17.50	Adequacy of STP	0.00%	73.16 %

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		& STP					Coverage of Sewerage Network	0.00%	0.00 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	3%	3%
21	Chittor						Household level coverage	20.16%	100.00%
		Water Supply	68.90	37.69	45.68	152.27	Per capita quantum of water supplied	63.87	63.87
		Septage Management & STP	4.43	10.14	2.94	17.50	Adequacy of STP	0.00%	30.94%
							Coverage of Sewerage Network	0.00%	0.00%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	36.19%	36.19%
22	Madanapalle						Household level coverage	32.32%	32.32%
		Water Supply	3.62	1.98	2.40	8.00	Per capita quantum of water supplied	23.99822	23.99822
		Septage Management & STP	2.9	4.18	1.92	9.00	Adequacy of STP	0.00%	17.27%
							Coverage of Sewerage Network	0.00%	0.00%
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	56.19%	56.19%
23	Kadapa						Household level coverage	51.81%	51.81%
		Water Supply	24.89	13.61	16.50	55.00	Per capita quantum of water supplied	118.96	118.96
		Septage Management	16.55	24.48	10.97	52.00	Adequacy of STP	34.04%	68.09%

		& STP					Coverage of Sewerage Network	28.63%	28.63 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	58.29%	58.29 %
24	Proddutur						Household level coverage	46.08%	46.08 %
		Water Supply	52.25	28.58	34.64	115.46	Per capita quantum of water supplied	65.52	134.52
		Septage Management & STP	0.00	0.00	0.00	0.00	Adequacy of STP	0.00%	0.00 %
							Coverage of Sewerage Network	13.83%	13.83 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	2.84%	2.84 %
25	Tadipatri						Household level coverage	40.99%	40.99 %
		Water Supply	52.26	28.59	34.65	115.50	Per capita quantum of water supplied	64.49736	134.9285
		Septage Management & STP	0.00	0	0	0.00	Adequacy of STP	62.27%	62.27 %
							Coverage of Sewerage Network	61.54%	61.54 %
		Storm Water Drainage	0.00	0	0	0.00	Coverage of Storm Water Drainage Network	0.18%	0.18 %
26	Ananthapuramu						Household level coverage	47.78%	47.78 %
		Water Supply	4.53	2.47	3.00	10.00	Per capita quantum of water supplied	140.31	140.31
		Septage Management	4.43	10.14	2.94	17.50	Adequacy of STP	0.00%	21.81 %

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		& STP					Coverage of Sewerage Network	0.00%	0.00 %
		Storm Water Drainage	8.49	4.64	5.63	18.76	Coverage of Storm Water Drainage Network	16.28%	17.58 %
27	Dharmavaram						Household level coverage	69.32%	69.32 %
		Water Supply	3.62	1.98	2.40	8.00	Per capita quantum of water supplied	168.73	168.73
		Septage Management & STP	4.27	8.89	2.83	16.00	Adequacy of STP	0.00%	36.87 %
							Coverage of Sewerage Network	0.00%	0.00 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	21.38%	21.38 %
28	Hindupur						Household level coverage	36.65%	36.65 %
		Water Supply	47.97	26.23	31.80	106.00	Per capita quantum of water supplied	18.40	135.40
		Septage Management & STP	6.26	12.09	4.15	22.50	Adequacy of STP	0.00	0.39
							Coverage of Sewerage Network	0.00%	0.00 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	41.20%	41.20 %
29	Nandyal						Household level coverage	52.00%	52.00 %
		Water Supply	53.17	29.08	35.25	117.50	Per capita quantum of water supplied	69	69
		Septage Management	4.43	10.14	2.94	17.50	Adequacy of STP	0.00%	29.21 %

		& STP					Coverage of Sewerage Network	12.09%	12.09 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	59.76%	59.76 %
30	Guntakal	Water Supply	3.79	2.07	2.51	8.38	Household level coverage	44.44%	52.68 %
							Per capita quantum of water supplied	99.51	99.51
		Septage Management & STP	4.27	8.89	2.83	16.00	Adequacy of STP	0.00%	37.05 %
							Coverage of Sewerage Network	0.00	0.00
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	65.90%	65.90 %
31	Adoni	Water Supply	7.24	3.96	4.80	16.00	Household level coverage	43.33%	43.33 %
							Per capita quantum of water supplied	116.04	116.04
		Septage Management & STP	2.21	5.07	1.47	8.75	Adequacy of STP	0.00%	17.61 %
							Coverage of Sewerage Network	0.00%	0.00 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	0.00%	0.00 %
32	Kurnool	Water Supply	19.01	10.39	12.60	42.00	Household level coverage	45.95%	65.70 %
							Per capita quantum of water supplied	135.64	135.64
		Septage Management	7.88	14.90	5.22	28.00	Adequacy of STP	0.00%	15.27 %

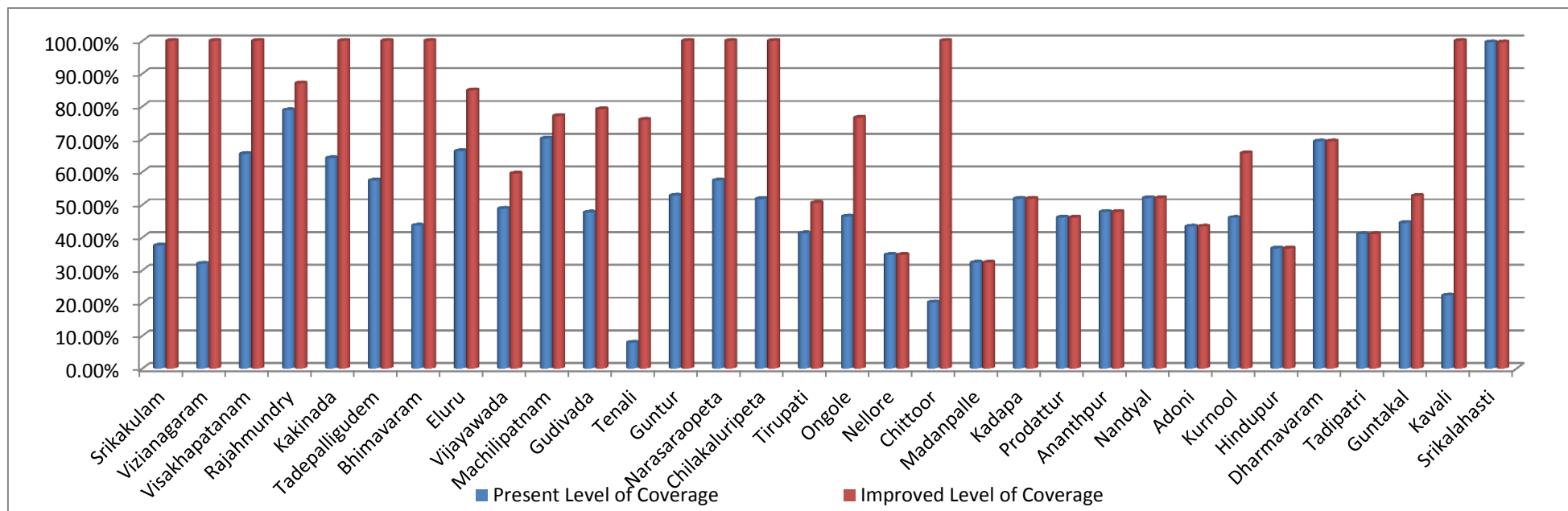
		& STP					Coverage of Sewerage Network	0.00%	0.00 %
		Storm Water Drainage	0.00	0.00	0.00	0.00	Coverage of Storm Water Drainage Network	37.63%	37.63 %

With the proposed project prioritization and fund allocation to different ULBs under AMRUT, it is expected to achieve the following outcomes:

- Daily water supply will be ensured in each of the AMRUT city.
- Some of cities viz. Vizianagaram, Narasaraopet, Chilakaluripet, Proddutur, Hindupur and Tadipatri will be able to meet the service level benchmark of 135 LPCD. For other ULBs, the LPCD will be increased from the present levels to the extent as shown in the table above.
- Average coverage of water supply connections for the state at the end of mission period is expected to increase to 75.8. %
- Under AMRUT scheme, 197 MLD of total STP capacity will be added. This will not only abate the pollution of water bodies but also will be a source of revenue for the ULBs as the effluent of the STPs is proposed to be recycled for industrial and irrigation use.

The details of the service level improvements achieved in all the mission cities for each indicator during the mission period SAAP 2016-20 is shown in the figures below

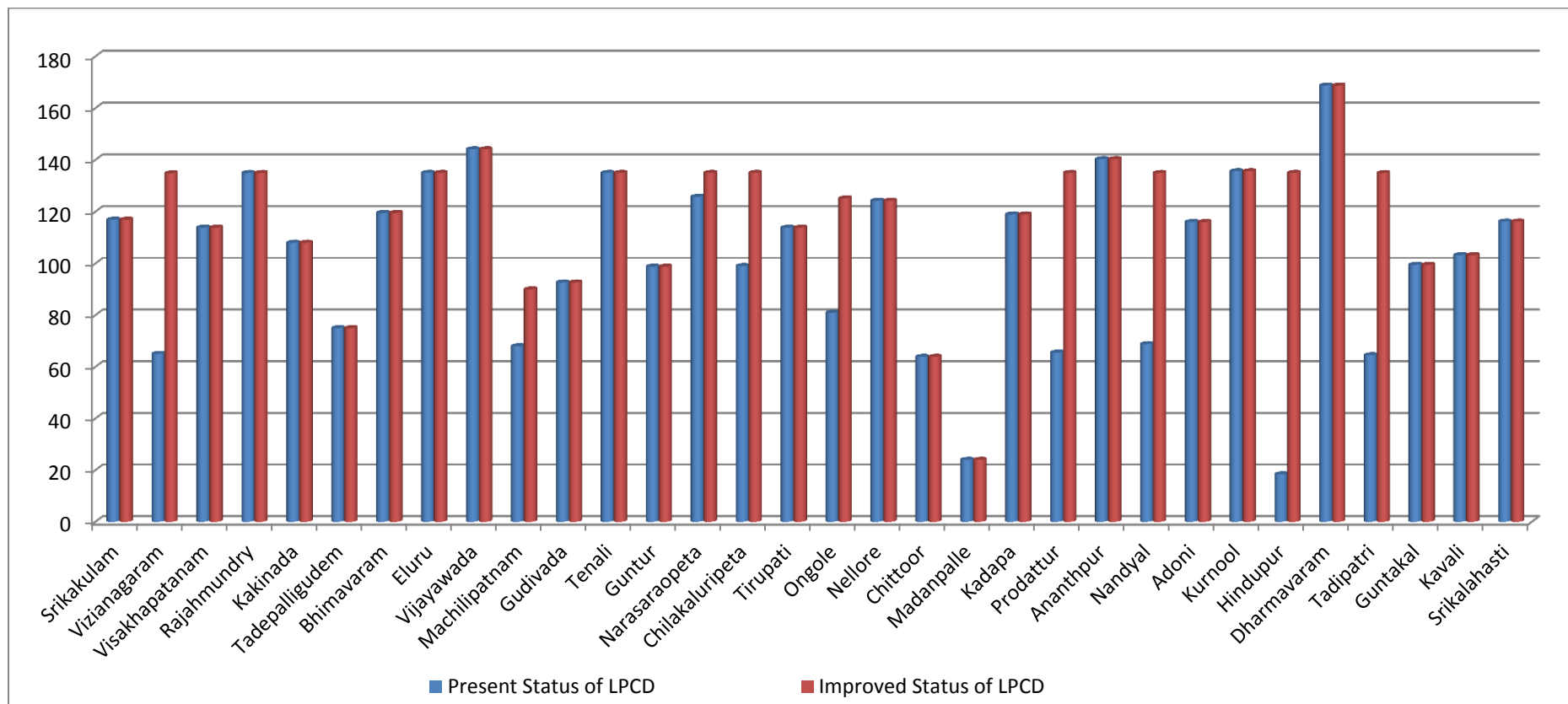
Service level improvement in the Water supply coverage



NOTE

1. Nellore and Ananthpur are being covered under other programmes.
2. Water supply scheme for Madanpalle is taken up under other programmes.
3. Funds are allocated for source augmentation in Vizianagaram, Narasaraopet, Chilakaluripet, Ongole, Proddatur, Hindupur and Tadipatri
4. No improvement in water supply coverage is envisaged in Madanapalli as the project funds are allocated for replacement of existing pipelines. This will reduce the NRW levels.
5. In Adoni, projects are taken up for Raw water pumping main, WTP rehabilitaion and construction of ELSR's.

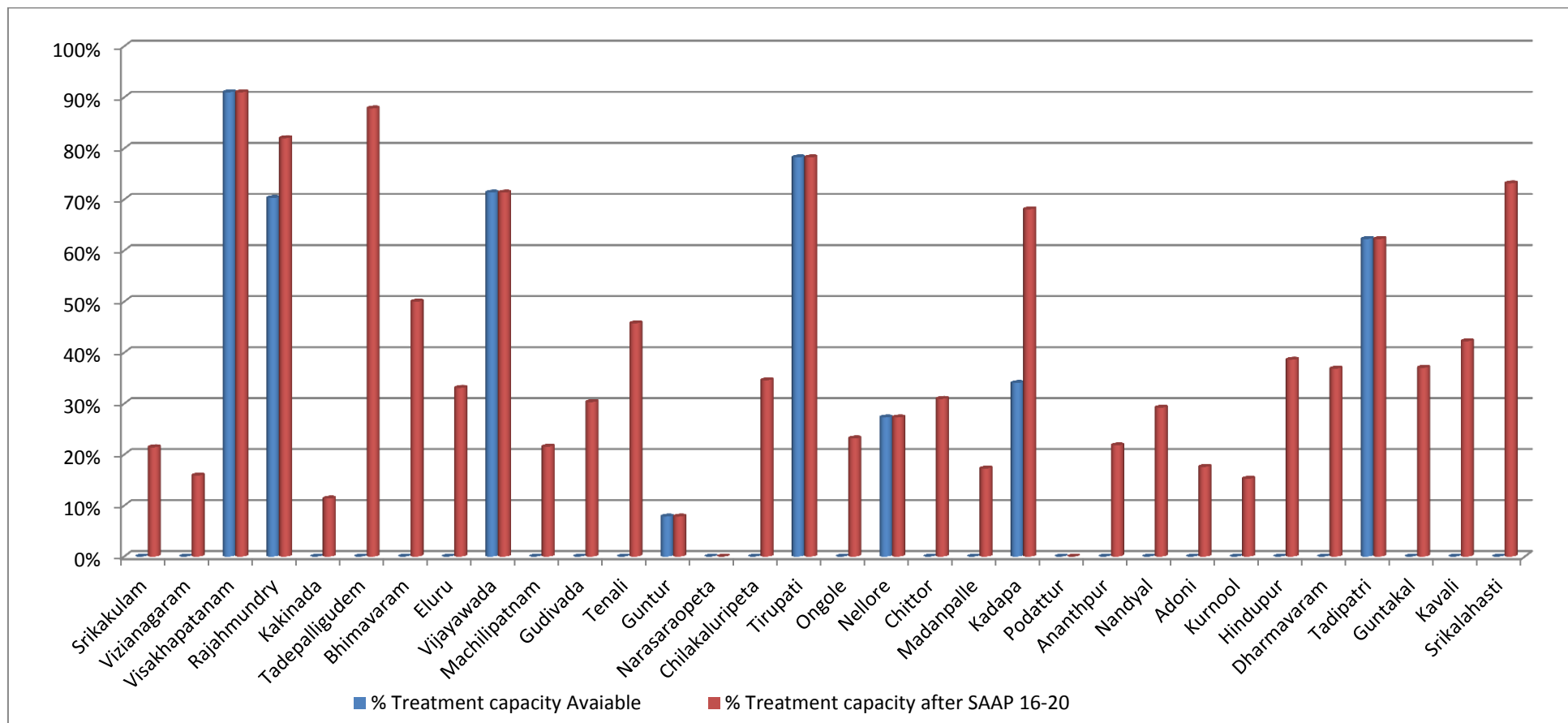
Service level improvement in per capita water supply



NOTE

1. For Chittoor the funds are allocated for improvement of water supply system including the feeder mains, ELSR's and distribution network.
2. Water supply scheme for Madanpalle is taken up under other programmes.

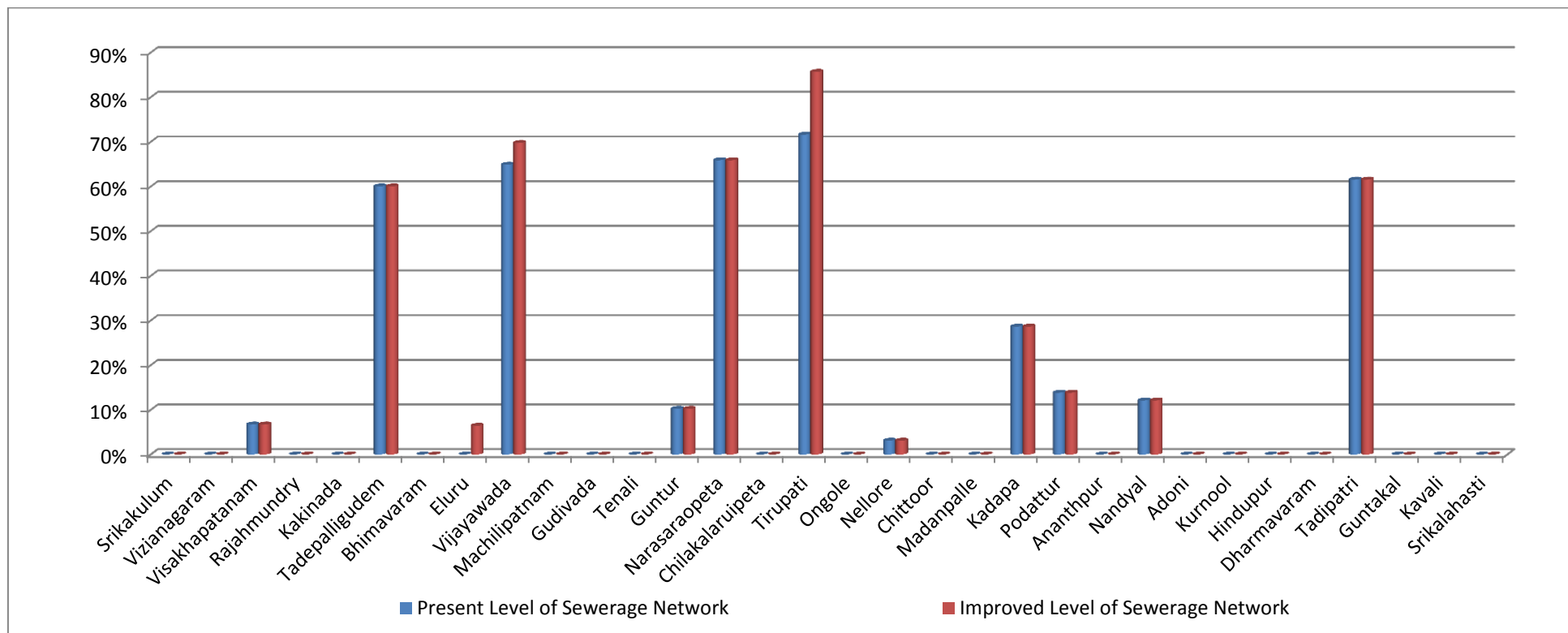
Service Level Improvement - Adequacy of STP capacity



NOTE

1. Sewerage scheme including STPs is covered under other programme for Guntur, Visakhapatnam, Vijayawada, Nellore, Narasaraopeta.
2. For Proddutur and Tadipatri, STP projects are proposed to be taken-up under PPP mode.

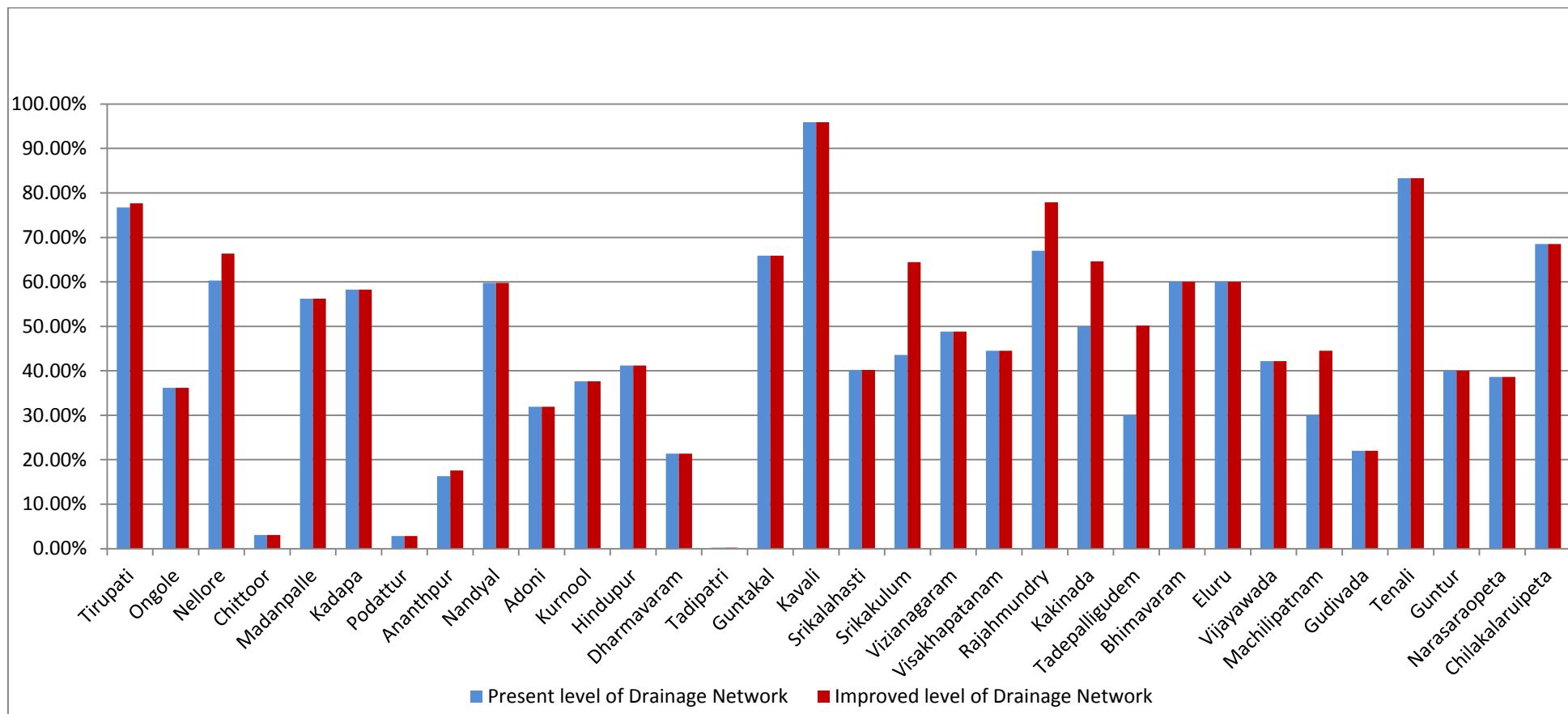
Service Level Improvement – Coverage of Sewerage Network



NOTE

1. The priority is given to Septage management and STPs in line with national priority under AMRUT. Therefore, most of the cities shows no improvement in sewerage network coverage. The sewerage network will be planned in due course based on mobilization of funds.
2. There will be improvement in sewerage network coverage in Guntur and Nellore as the scheme is being covered under separate programme.

Service Level Improvement in the Storm Water Drainage Network



NOTE

1. The priority is given to Water Supply and Sanitation sector in line with national priorities under AMRUT. Hence, projects for Storm water drainage are only taken for the ULBs which have critical issues of drainage.

1. Principles of Prioritization

Under this section states will prioritize and recommend projects for selection under AMRUT (AMRUT Guidelines; para 7). The States will identify project based on gap analysis and financial strength of ULBs. While prioritizing projects, please provide information responding to the following questions, in words, not more than as indicated against each question:

- **Has consultation with local MPs/ MLAs, Mayors and Commissioners of the concerned ULBs been carried out prior to allocation of funding? Give details of dates and number of participants (tabular; 250 words)**

Yes. PDMCs have visited all the ULBs under AMRUT Mission for revisiting of existing SLIP data. Based on the site visit and inputs received from the ULBs, baseline status of all the service level indicators was assessed and accordingly the SLIPs for the current year have been updated. Gap assessment for each ULB for service level indicator wise have been carried out and alternatives were explored for bridging these gaps with the service level benchmarks.

A state level workshop has been conducted by APUFIDC through PDMCs on 23rd and 24th May, 2016 at Vijayawada for prioritization of projects under SAAP 2016-17. Consultations with local MPs/ MLAs, Mayors, Chairpersons, Councilors and other public representatives, and Commissioners and the parastatal agencies like PHED, APUGBC etc. have been made through site visits and the workshop.

An extensive exercise has been carried out in formulating the projects under SAAP 2016-17 by considering the gaps identified in the SLIPs for each sector of the individual ULBs in consultation with the above mentioned stakeholders.

The projects have been finalized to be in line with the national and state priorities. Care has been taken in finalization of projects under SAAP 2016-17 in such a way that financially weaker ULBs are identified for more allocation, the potential Smart cities are given preference, based on this exercise city projects have been identified.

- **Has financially weaker ULBs given priority for financing? Please give list.(200 words)**

Yes. The ULBs have been prioritized based on their financial strength, and the ULBs in weak financial condition vis-à-vis others have been given priority for financing in the SAAP. The State Govt. has decided to share not less than 20% of the project cost. For financially weaker ULBs, the balance if any will be arranged from State Govt. assistance. Higher allocation has been made for financially weaker ULBs such as Chilakaluripet and Chittoor.

- **Is the ULB with a high proportion of urban poor has received higher share? Please give list. (250 words)**

Yes. The ULBs with a high proportion of urban poor have received higher share. The ULBs have been arranged in descending order of slum population. Accordingly, the Govt. has

taken a decision to extend higher support to those towns with higher population of urban poor (i.e., slum population). This has been decided based on consultations with the stakeholders. The list of cities in descending order of slum population is provided in Annexure II.

- **Has the potential Smart cities been given preference? Please give list (200 words)**

Yes. The 3 cities, namely Visakhapatnam (a coastal and cosmopolitan city), Kakinada (a port and educational hub) and Tirupati (a temple / heritage city and a tourist location), selected at the first stage of competition in the first round have been given first preference in funding. Although the gap in service coverage is less for these cities, they are considered for funding in view of their smart city status.

- **What is the quantum of Central Assistance (CA) allocated to the State during 2016-17? (100 words)**

The quantum of central assistance allocated to state during 2016-17 is 351.60 Cr.

- **Has the allocation to different ULBs within State is consistent with the urban profile of the state? (260 words)**

Yes. The State has made allocations to different ULBs within the State consistent with the urban profile of the State. Further, various financial options AMRUT, Smart Cities, SBM and external financial assistance are adopted to converge various schemes and financing options.

2. Importance of O&M

It has been observed that ULBs pay little attention to the operation and maintenance of infrastructure assets created after completion of projects. This tendency on the part of implementing agencies leads to shear loss off national assets. Please fill out the Plan of action for A&OE expenses given in Table 4 (pg-48) of AMRUT Guidelines and answer the following questions.

- **Do projects proposed in the SAAP include O&M for at least five years? What is the nature of O&M? (tabular; 300 words)**

Yes. O&M arrangements for all the projects proposed in the SAAP have been proposed for 5 years period after the Defects Liability Period (DLP) wherever appropriate, and this arrangement shall be an integral part of the original contract. This arrangement will incentivise the contracting agency to construct good quality infrastructure or supply good quality of equipment which will last for its design life with reduced maintenance or repairs.

It is the routine maintenance for the running the projects. It includes manpower, material, chemicals and energy.

- **How O&M expenditures are propose to be funded by ULBs/ parastatal? (200 words)**

The expenditure towards O&M arrangements for 5 years after the DLP are proposed to be funded through the user charges collected by the ULB / its other revenues. The ULB will also be required to enhance its coverage and connection net and thus enhance its revenue base, and strengthen the billing and collection systems. In addition, rationalization of user charges may also be contemplated wherever appropriate.

- **Is it by way of levy of user charges or other revenue streams? (100 words)**

Yes. The cost of O&M will be met from levy of user charges, expanding the connection / service network, strengthening billing and collection systems and channels, cross verification with other data bases like Property Tax assessments etc., and through expenditure reduction by way of redeployment of man power, energy conservation and efficiency improvement, reduction of NRW (Non-Revenue Water), reuse and recycling of waste water, Smart metering, SCADA, Automatic Meter Readers, and e-pos system for improving billing and collection of user charges etc. Still if there is any gap in meeting the O&M cost, the same will be done by the ULBs through their other revenue streams.

- **Has O&M cost been excluded from project cost for the purpose of funding? (100 words)**

Yes. The O&M cost is not included in the project cost for the purpose of funding, and has been shown separately to be funded by the ULB through user charges / its other revenue streams etc.

- **What kind of model been proposed by States/ULBs to fund the O&M? Please discuss. (250 words)**

Cost centre approach / model is proposed to be adopted for water supply (and sewerage/septage management) sector, duly opening separate account for effective planning of the sectors, ensure proper accounting of revenue and expenditure, O&M etc. for improved asset management and effective service delivery to the citizens.

For water supply assets created, the original contract for construction/supply of equipment will envisage O&M for a period of 5 years after the DLP of 2 years after completion. The cost of O&M will be reimbursed by the ULB from its user charges, recycling of raw water where feasible, and from other initiatives like reduction of NRW, energy conservation and efficiency improvement measures etc.

In case of sewerage (STPs), PPP mode of procurement will be explored which also envisages recycling and reuse of treated waste water, sludge etc.

In case of child/elderly friendly parks and green spaces, RWAs (Resident Welfare Associations) or NGOs are proposed to be involved in their maintenance and upkeep, putting their own resources, if necessary supplemented by ULB's revenues. Financial and/

or institutional support from Corporates (Corporate Social Responsibility funds)/ NGOs will also be elicited to ensure sustainable O&M of these amenities.

- **Is it through an appropriate cost recovery mechanism in order to make them self-reliant and cost-effective? How? (250 words)**

Yes. An appropriate O&M cost recovery mechanism and adopting a cost centre approach in order to have effective control over the revenues and expenditures on each sector, and accordingly adopting appropriate strategies to meet the O&M costs through user charges, effective billing and collection, tariff rationalization, use of ICT, smart metering and SCADA etc. and reconciling with electricity bills, Property Tax assessments to eliminate/ reduce unauthorized connections and save costs through energy conservation and efficiency improvement in pumping stations and other electrical installations. Effective asset management strategies will also be evolved to generate revenues from the land assets possessed by the ULBs in the water works premises by enhancing the amenity values by utilizing the surplus space for green space development, child friendly parks etc.

3. Reform Implementation

In order to become eligible to claim the 10% incentive, the State is required to implement the Reforms prescribed by GoI. The states are also required to conduct a self-assessment and based on the score the Apex committee will decide the eligibility of the state. Please fill out Table 5.5; pg. 55 of AMRUT Guidelines and respond to the following.

The information required in table 5.5 has been filled up Municipality wise and Head of the Dept. wise and furnished to Joint Secretary, MoUD, GOI on 25.05.2016 in six volumes containing 1688 pages duly page numbered and spiral bounded with documentary evidence for each reform Municipality wise and HOD wise.

- **Fill out the tables prescribed by the TCPO. What are the Reform type, steps and Target for 2016-17? (tabular; 300 words)**

Road map and milestones for implementation of reforms in the State and ULBs under AMRUT in Andhra Pradesh for the year 2016-17 as per the format prescribed by the TCPO has been prepared. Copy of Road Map for the year 2016-17 is enclosed.

- **Fill out Table 5.5 (pg. 54) given in the AMRUT Guidelines. What is the outcome of the self-evaluation done for reporting progress on reform implementation in order to receive the 10% incentive? (tabular; 350 words)**

Table 5.5(page 54) given in AMRUT guidelines has been filled up and submitted to Ministry of Urban Development, GOI. In this office Letter No. 1190/2016/AMRUT Reform incentive dated 25.05.2016 (copy enclosed) of Mission Director, AMRUT, Andhra Pradesh. State of Andhra Pradesh has achieved 93.77 percent of reforms and the outcome of the Self-evaluation is yet to be known from Ministry of Urban Development, GOI

- **Have any issues been identified during the review by HPSC on Reforms implementation? What are the issues? (250 words)**

The SHPSC in its meeting held on 24.06.2016 instructed the concerned authorities to expedite the achievement of balance reforms.

- **Have these issues been considered while planning for reform implementation? How? (tabular; 250 words)**

The following two reform milestones are yet to be implemented by HODs and State.

- i. Make a policy to achieve full potential of advertisement revenue
- ii. Adopt a policy on fixation of water charges with differential rates

The following 2 reforms milestones are yet to be implemented by ULBs

- i. Develop at least one children park every year in the AMRUT Cities
- ii. Make action plan to reduce water losses to less than 20% and publish it on the website.

Action will be taken to implement the above reforms expeditiously.

4. Annual Capacity Building Plan

The state is required to submit a Capacity Development Plan along with the SAAP for approval by the MoUD, to empower municipal functionaries and lead to timely completion of projects. Please prepare the individual and institutional capacity building plan by filling out Tables 7.2.1, 7.2.2, 7.2.3 and statement in Table 7.2.4 (pgs. 70 – 72) of AMRUT Guidelines and give the following responses.

- **What is the physical and financial Progress of capacity development at state level? (350 words)**

The state has entered into MoUs with training entities viz. MCRHRD, CGG, ASCI, ESCI and CSE New Delhi. Training programs at the state and ULB level are proposed to be conducted from July 2016 onwards.

- **Do you feel that there is a need to include any other category of official, new department or module? (400 words)**

As the state has entered into an MoU with the training entities and as per the operational guidelines issued by MoUD, GoI. A Training Needs Assessment (TNA) will be conducted after the roll out of the 1st Capsule. The TNA will help the State determine the training needs and with the support of the training entities shall develop required modules accordingly for onward approval and vetting to NIUA.

- **What are the issues that are been identified during the review? (350 words)**

The training programs are scheduled to commence from July 2016 onwards, once the 1st Capsule and TNA activities are completed a review shall be conducted.

- **Have the activities in your current year Capacity Building Plan – training, exposure visits (ULB staff and elected representatives), seminars/workshops, etc. – been vetted/approved by NIUA?**

The state has entered into MOU's with training entities viz. MCRHRD, CGG, ASCI, ESCI and CSE New Delhi, in the months of April-May 2016. The Capsule-1 (Orientation) is scheduled from July 2016 onwards. The Capsule-1 (Orientation) has been vetted/approved by NIUA.

- **What is the present institutional capacity in the ULBs of the state; have the RPMC, UMC, etc. been appointed? Are there other PMUs, PIUs, etc. which are still operational?**

Institutional capacity building consists of State Mission Management Unit (SMMU) & City Mission Management Unit (CMMU) as per the AMRUT guidelines; at the state level 4 out of 6 positions are in place.

The state has 32 AMRUT cities wherein 32 Urban Planners and 32 Urban Infrastructure experts have been recruited through an assignment based selection process from reputed institutes such as IIT, CEPT, SPAs. All the CMMU specialists have undergone a 3 day induction programme after which they were allotted to respective cities. There are no PMUs, PIUs that are operational.

- **What has been the progress during the previous year/s in institutional capacity building, especially but not only in the seven areas that are mentioned in the AMRUT Guidelines? (p. 67)**

With respect to Institutional capacity building, the State has established PDMCs, State Mission Management Unit (SMMU) and City Mission Management Units (CMMU). The CMMUs consists of 64 specialists including 32 Urban Planners and 32 Urban Infrastructure Specialists who have been positioned in 32 AMRUT cities of the state. The CMMU specialists have been providing End-to End assistance in the data collection for preparation of SLIPs, implementation of reform agenda, supporting Smart City mission, coordinating and facilitating credit rating of ULBs.

State Annual Action Plan (SAAP)

- Attach the Quarterly Score Cards on p. 73 of the Mission Guidelines.

S.No.	Name of ULB	Name of the department/ position	Physical		Financial		Balance funds available in current FY (in Cr.)	Ahead (+) or behind proportionate target (-)
			Proportionate ULB Target	ULB achievement with respect to proportionate target	Proportionate funds allocated in current FY (in Rs.)	Funds utilized as compared to proportionate target		
1	Srikakulam	Elected Representative	36	0	185,040.00	0	0.033	-
		Finance Dept	2	0			0.185	
		Engineering Dept.	9	0			Total = 0.218	
		Town planning Dept	10	0				
		Administration Deptt	3	0				
2	Vizianagaram	Elected Representative	40	0	237,673.60		0.041	-
		Finance Dept	3	0			0.237	
		Engineering Dept.	9	0			Total = 0.278	
		Town planning Dept	13	0				
		Administration Deptt	3	0				
3	GVMC	Elected Representative	72	0	3,264,105.60		0.103	-
		Finance Dept	8	0			0.326	
		Engineering Dept.	124	0			Total = 0.429	
		Town planning Dept	33	0				
		Administration Deptt	15	0				
4	Rajahmundry	Elected Representative	50	0	703,614.60		0.066	-
		Finance Dept	2	0			0.703	
		Engineering Dept.	23	0			Total = 0.769	
		Town planning Dept	30	0				
		Administration Deptt	12	0				
5	Kakinada	Elected	50	0	503,771.40		0.055	-

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S.No.	Name of ULB	Name of the department/ position	Physical		Financial		Balance funds available in current FY (in Cr.)	Ahead (+) or behind proportionate target (-)
			Proportionate ULB Target	ULB achievement with respect to proportionate target	Proportionate funds allocated in current FY (in Rs.)	Funds utilized as compared to proportionate target		
		Representative					0.503	
		Finance Dept	2	0				
		Engineering Dept.	22	0				
		Town planning Dept	13	0				
		Administration Deptt	12	0				
						Total = 0.558		
6	Eluru	Elected Representative	50	0	416,340.00		0.053	-
		Finance Dept	2	0			0.416	
		Engineering Dept.	13	0			Total = 0.469	
		Town planning Dept	13	0				
		Administration Deptt	12	0				
7	Tadepalligudem	Elected Representative	35	0	166,998.60		0.026	-
		Finance Dept	2	0			0.166	
		Engineering Dept.	9	0			Total = 0.192	
		Town planning Dept	8	0				
		Administration Deptt	3	0				
8	Bhimavaram	Elected Representative	39	0	204,006.60		0.031	-
		Finance Dept	1	0			0.204	
		Engineering Dept.	11	0			Total = 0.235	
		Town planning Dept	9	0				
		Administration Deptt	3	0				
9	Vijayawada	Elected Representative	59	0	1,399,365.00		0.122	-
		Finance Dept	3	0			0.139	
		Engineering Dept.	71	0			Total = 0.261	

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S.No.	Name of ULB	Name of the department/ position	Physical		Financial		Balance funds available in current FY (in Cr.)	Ahead (+) or behind proportionate target (-)
			Proportionate ULB Target	ULB achievement with respect to proportionate target	Proportionate funds allocated in current FY (in Rs.)	Funds utilized as compared to proportionate target		
		Town planning Dept	19	0				
		Administration Deptt	3	0				
10	Machilipatnam	Elected Representative	42	0	296,886.40		0.044	-
		Finance Dept	2	0			0.296	
		Engineering Dept.	11	0				
		Town planning Dept	18	0			Total = 0.340	
		Administration Deptt	3	0				
11	Gudivada	Elected Representative	36	0	161,190.40		0.027	-
		Finance Dept	2	0			0.161	
		Engineering Dept.	9	0				
		Town planning Dept	6	0			Total = 0.188	
		Administration Deptt	3	0				
12	Guntur	Elected Representative	57	0	1,036,429.60		0.045	-
		Finance Dept	4	0			0.103	
		Engineering Dept.	30	0				
		Town planning Dept	36	0			Total = 0.148	
		Administration Deptt	15	0				
13	Narasaraopet	Elected Representative	34	0	118,425.60		0.028	-
		Finance Dept	2	0			0.118	
		Engineering Dept.	4	0				
		Town planning Dept	6	0			Total = 0.146	
		Administration Deptt	2	0				

State Annual Action Plan (SAAP)

S.No.	Name of ULB	Name of the department/ position	Physical		Financial		Balance funds available in current FY (in Cr.)	Ahead (+) or behind proportionate target (-)
			Proportionate ULB Target	ULB achievement with respect to proportionate target	Proportionate funds allocated in current FY (in Rs.)	Funds utilized as compared to proportionate target		
14	Chilakaluripet	Elected Representative	34	0	123,411.40		0.024	-
		Finance Dept	2	0			0.123	
		Engineering Dept.	4	0			Total = 0.147	
		Town planning Dept	7	0				
		Administration Deptt	2	0				
15	Tenali	Elected Representative	40	0	217,165.00		0.048	-
		Finance Dept	1	0			0.217	
		Engineering Dept.	9	0			Total = 0.265	
		Town planning Dept	12	0				
		Administration Deptt	3	0				
16	Ongole	Elected Representative	50	0	244,715.40		0.0381	-
		Finance Dept	1	0			0.244	
		Engineering Dept.	9	0			Total = 0.282	
		Town planning Dept	6	0				
		Administration Deptt	3	0				
17	Nellore	Elected Representative	54	0	715,693.60		0.068	-
		Finance Dept	2	0			0.715	
		Engineering Dept.	22	0			Total = 0.783	
		Town planning Dept	28	0				
		Administration Deptt	12	0				
18	Madanapalle	Elected Representative	35	0	149,882.40		0.036	-
		Finance Dept	1	0			0.149	

State Annual Action Plan (SAAP)

S.No.	Name of ULB	Name of the department/ position	Physical		Financial		Balance funds available in current FY (in Cr.)	Ahead (+) or behind proportionate target (-)
			Proportionate ULB Target	ULB achievement with respect to proportionate target	Proportionate funds allocated in current FY (in Rs.)	Funds utilized as compared to proportionate target		
		Engineering Dept.	4	0			Total = 0.185	
		Town planning Dept	12	0				
		Administration Deptt	2	0				
19	Tirupati	Elected Representative	50	0	577,530.40		0.071	-
		Finance Dept	2	0			0.577	
		Engineering Dept.	22	0			Total = 0.648	
		Town planning Dept	20	0				
		Administration Deptt	12	0				
20	Chittoor	Elected Representative	50	0	259,107.40		0.042	-
		Finance Dept	1	0			0.259	
		Engineering Dept.	8	0			Total = 0.301	
		Town planning Dept	9	0				
		Administration Deptt	3	0				
21	Kadapa	Elected Representative	50	0	679,765.00		0.076	-
		Finance Dept	2	0			0.679	
		Engineering Dept.	21	0			Total = 0.755	
		Town planning Dept	30	0				
		Administration Deptt	12	0				
22	Proddatur	Elected Representative	40	0	244,715.40		0.063	-
		Finance Dept	1	0			0.244	
		Engineering Dept.	9	0			Total = 0.307	
		Town planning Dept	16	0				

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S.No.	Name of ULB	Name of the department/ position	Physical		Financial		Balance funds available in current FY (in Cr.)	Ahead (+) or behind proportionate target (-)
			Proportionate ULB Target	ULB achievement with respect to proportionate target	Proportionate funds allocated in current FY (in Rs.)	Funds utilized as compared to proportionate target		
		Administration Deptt	3	0				
23	Dharmavaram	Elected Representative	40	0	204,006.60		0.034	-
		Finance Dept	2	0			0.204	
		Engineering Dept.	9	0				
		Town planning Dept	9	0				
		Administration Deptt	3	0			Total = 0.238	
24	Tadpatri	Elected Representative	34	0	149,882.40		0.030	-
		Finance Dept	1	0			0.149	
		Engineering Dept.	4	0				
		Town planning Dept	13	0				
		Administration Deptt	2	0			Total = 0.179	
25	Anantapur	Elected Representative	50	0	566,685.00		0.091	-
		Finance Dept	2	0			0.566	
		Engineering Dept.	20	0				
		Town planning Dept	21	0				
		Administration Deptt	12	0			Total = 0.657	
26	Guntakal	Elected Representative	37	0	217,165.00		0.030	-
		Finance Dept	2	0			0.217	
		Engineering Dept.	9	0				
		Town planning Dept	14	0				
		Administration Deptt	3	0			Total = 0.247	
27	Hindupur	Elected Representative	38	0	210,534.40		0.060	-

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S.No.	Name of ULB	Name of the department/ position	Physical		Financial		Balance funds available in current FY (in Cr.)	Ahead (+) or behind proportionate target (-)
			Proportionate ULB Target	ULB achievement with respect to proportionate target	Proportionate funds allocated in current FY (in Rs.)	Funds utilized as compared to proportionate target		
		Finance Dept	1	0			0.210	
		Engineering Dept.	9	0				
		Town planning Dept	13	0				
		Administration Deptt	3	0				
							Total = 0.270	
28	Kurnool	Elected Representative	51	0	621,940.00		0.116	-
		Finance Dept	2	0			0.621	
		Engineering Dept.	21	0				
		Town planning Dept	24	0			Total = 0.737	
		Administration Deptt	12	0				
29	Adoni	Elected Representative	41	0	223,898.40		0.048	-
		Finance Dept	1	0			0.223	
		Engineering Dept.	10	0				
		Town planning Dept	11	0			Total = 0.271	
		Administration Dept	3	0				
30	Nandyal	Elected Representative	42	0	237,673.60		0.050	-
		Finance Dept	1	0			0.237	
		Engineering Dept.	9	0				
		Town planning Dept	13	0			Total = 0.287	
		Administration Dept	3	0				
31	Kavali	Elected Representative	35	0	108,762.40		0.000	-
		Finance Dept	1	0			0.108	
		Engineering Dept.	3	0			Total = 0.108	

State Annual Action Plan (SAAP)

S.No.	Name of ULB	Name of the department/ position	Physical		Financial		Balance funds available in current FY (in Cr.)	Ahead (+) or behind proportionate target (-)
			Proportionate ULB Target	ULB achievement with respect to proportionate target	Proportionate funds allocated in current FY (in Rs.)	Funds utilized as compared to proportionate target		
		Town planning Dept	4	0				
		Administration Dept	3	0				
32	Sri Kalahsti	Elected Representative	40	0	113,542.60		0.000	-
		Finance Dept	1	0			0.113	
		Engineering Dept.	3	0				
		Town planning Dept	2	0				
		Administration Dept	1	0				
							Total = 0.113	

- Have those issues been addressed? How? (500 words)

The state has entered into MoUs with training entities viz. MCRHRD, CGG, ASCI, ESCI and CSE New Delhi. Training programs at the state and ULB level are proposed to be conducted from July 2016 onwards. All the 5 training institutes have submitted the training schedule for Capsule-1, the state has also communicated the department wise number of personnel to be trained by the training entities. The state aims to achieve its complete target in the current financial year.

5. **A&OE**

The 10% allocation for A&OE has been divided into two parts, 8% State fund and 2% GoI fund. Please fill out the Plan of Action Table given in the AMRUT Guidelines (Table 4; pgs.48, 49) and answer the following questions.

- What is the committed expenditure from previous year? (200 words)

The committed expenditure from the previous year is 10.26 Cr. which includes 0.5 Cr. For preparation of SLIP and SAAP, 5.05 Cr. for PDMC's, 0.30 Cr. for procuring the IRMA, 0.05 Cr. for publications, 2.98 Cr. for capacity building and training, and 1.38 Cr. for reform implementation.

- What are the issues that are been identified during the review? (350 words)

No review has been carried out for the A&OE in the state.

- Have the A&OE fund used only for admissible components? (200 words)

Yes, the A&OE fund is used only for the admissible components viz. appointment of PDMC's, SMMU and CMMU's.

- How the ULB/State wants to carry out the implementation of the projects, (establishment of IRMA/PDMC/SMMU/CMMU)? (350 words)

The state has already appointed the PDMC's, SMMU and CMMU's for implementation of the projects under AMRUT scheme.

6. **Financing of Projects**

Financing is an important element of the SAAP. Each state has been given the maximum share that will be given by the Central Government. (Para 5 of AMRUT Guidelines). The State has planned for the remaining resource generation at the time of preparation of the SAAP. The financial share of cities will vary across ULBs. Information responding to the following questions regarding financing of the projects proposed under AMRUT, in words has been indicated below:

- **What is the State contribution to the SAAP? (should be greater than 20 percent, Para 7.4 of AMRUT Guidelines) (150 words)**

The State Government has consented to share not less than 20% of the Project cost to the extent of 146.5 Crores.

- **Fill out Table 3.4 at pg.45 of AMRUT Guideline. How the residual financing (over and above Central Government share) is shared between the States, ULBs? (tabular; 200 words)**

The remaining financing over and above the Central Assistance is proposed to be shared between the State and the ULB depending on the financial strength of the ULB, proportion of slum population etc. The balance if any will be financed from State Government assistance. PPP mode is also an option wherever appropriate. Duly filled Table 3.4 is provided in Chapter 4.

- **Fill out Table 3.3 at pg 44 of AMRUT Guidelines. Has any other sources identified by the State/ULB (e.g. PPP, market borrowing)? Please discuss. (tabular; 250 words)**

Yes. The State will explore all possible alternative funding options including PPP mode of procurement of projects, market borrowing through Municipal Bonds, Infrastructure Bonds, Pooled Municipal Debt Obligation Facility (PMDOF) managed by IL&FS etc.

Details will be worked out in due course, considering the financial status of the respective ULB. Duly filled Table 3.3 is provided in Chapter 4.

- **Whether complete project cost is linked with revenue sources in SAAP? Please describe? (250 words)**

Yes. The linking of complete Project costs to various revenue sources has been done. Still, if there is any gap, the same is envisaged to be financed by the State Government

- **Has projects been dovetailed with other sectoral and financial programme of the Centre and State Governments? (250 words)**

Yes. The Projects have been dovetailed with other sectoral and financial programmes of the Central Govt. like the JnNURM, APMDP (World Bank aided), Swachh Bharat Mission, Smart Cities Mission, 14th Finance Commission Grants etc. If necessary, MP/MLA LADS funds will also be explored.

- **Has States/UTs explored the possibility of using Public Private Partnerships (PPP), as a preferred execution model? Please discuss. (300 words)**

Yes. The State has already explored the possibility of using PPP mode of execution model for park development, providing parking facilities, energy conservation and efficiency improvement, foot over bridges etc. with a mix of success and failure. Other departments have also tried PPP mode in creating health infrastructure, tourism infrastructure, health care delivery (108 and 104 services) etc. PPP option is contemplated in a big way in Waste to Energy projects in Solid Waste Management sector also. The PPP process entails procuring a Transaction Advisory to render consultancy for project development, DPR preparation and procuring a PPP operator following an open and transparent process.

Large projects involving huge investments would normally be taken up as Concession based contracts for 15-25 years. Small O&M contracts would be taken up following Management Contract mode, which is being carried in some ULBs for water supply, sewerage and street lighting. Energy Performance Contracts (or ESCO contracts) following PPP mode is being implemented in Visakhapatnam and many other cities.

The successful PPP operator would be required to procure the infrastructure or the equipment and maintain the same till the agreed period of time so as to recover the investment made with interest and hand over the same to the owner i.e., ULB. Proper structuring of the PPP process and the contract are the prerequisites for a successful PPP model.

PPP projects are envisaged in Septage management / STPs considering recycle and reuse of treated wastewater.

- **Are PPP options included appropriate Service Level Agreements (SLAs) which may lead to the People Public Private Partnership (PPPP) model? How? (300 words)**

Yes. Service Levels are the essential pre-requisites for successful implementation of the PPP model, so as to deliver satisfactory service to the citizens / beneficiaries. The PPP options included appropriate Service Level requirements (Performance Standards) as an integral part of the contract in the ESCO contracts and other Management Contracts for water supply and sewerage pumping. The Outputs / outcomes at appropriate milestones and reasonable payment schedule and conditions to make the project viable while protecting the client's interests also are very essential for successful implementation of the PPP projects, based on the experience so far in AP.

The exact details will be estimated during preparation of DPRs for the projects, particularly in Water supply and Sewerage / Septage management sectors.

Chapter 4: TABLES

Table 1.1 Breakup of total MoUD allocation for AMRUT

FY 2016-17

Name of State: ANDHRA PRADESH

Total Central funds allocated to State	Allocation of Central funds for A&OE (@ 8% of Total given in column 1)	Allocation of funds for AMRUT (Central share)	Multiply col. 3 by x3) for AMRUT on col. 4 (project proposal to be three- times the annual allocation - CA)	Add equal (col. 4) State/ULB share	Total AMRUT annual size (cols.2+4+5)
1	2	3	4	5	6
126.576	9.376*	117.20	351.60	525.45**	886.43

*Note: This includes a state budget allocation of Rs. 100 Cr. for sewerage projects in AMRUT cities and Rs. 44.62 Cr. being funded by the APPCB for the STP projects taken up in the state.

Table 1.2.1: Abstract-Break-up of Total Fund Sharing Pattern

(Amount in Rs. Cr.)
FY 2016-17

Name of State: Andhra Pradesh

Sl. No	Sector	No. of Projects	Centre	State	ULB	Convergence	Others*	Total
1	Water Supply	38	237.20	97.65	153.39	0.00	0.00	488.23
2	Sewerage and Septage Management	33	54.23	24.77	44.86	0.00	144.62	268.49
3	Storm Water Drainage	8	51.02	20.41	30.61	0.00	0.00	102.05
4	Parks and Green spaces	32	9.15	3.66	5.49	0.00	0.00	18.29
	Grand Total	111	351.60	146.49	234.35	0.00	144.62	877.05

Note: *This includes a state budget allocation of Rs. 100 Cr. for sewerage projects in AMRUT cities and Rs. 44.62 Cr. being funded by the APPCB for the STP projects taken up in the state.

Table 1.2.2: Abstract-Break-up of Total Fund Sharing Pattern**Name of State: Andhra Pradesh****FY 2016-17
(Amount in Rs. Cr.)**

Sl. No	Sector	Centre Mission	State			ULB			Convergence	Others*	Total
			14 th FC	Others	Total	14 th FC	Others	Total			
1	Water Supply	237.20		97.65	97.65		153.39	153.39		0.00	488.23
2	Sewerage and Septage Management	54.23		24.77	24.77		44.86	44.86		144.62	268.49
3	Storm Water Drainage	51.02		20.41	20.41		30.61	30.61		0.00	102.05
4	Parks and Green Spaces	9.15		3.66	3.66		5.49	5.49		0.00	18.29
	Grand Total	351.60	0.0	146.49	146.49	0.0	234.35	234.35	0.0	144.62	877.05

Note: *This includes a state budget allocation of Rs. 100 Cr. for sewerage projects in AMRUT cities and Rs. 44.62 Cr. being funded by the APPCB for the STP projects taken up in the state.

Table 1.3 Abstract-Uses of Funds on Projects: On Going and NewName of State: ANDHRA PRADESH

FY2016-17

(Amount in Rs. Cr.)

Sector	Total Project Investment	Committed Expenditure (if any) from Previous year							Proposed Spending during Current Financial year							Balance Carry Forward for Next Financial Years						
		Centre	State			ULB			Centre	State			ULB			Centre	State			ULB		
			14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total
Water Supply	1134.52	58.42	0.00	25.84	25.84	0.00	45.00	45.00	164.28	0.00	71.22	71.22	0.00	120.67	120.67	306.60	0.00	129.80	129.80	0.00	212.70	212.70
Sewerage & Septage Management	268.49	0	0.00	0.00	0.00	0.00	0.00	0.00	10.85	0.00	33.88	33.88	0.00	8.97	8.97	43.39	0.00	135.51	135.51	0.00	35.89	35.89
Strom water Drainage	102.05	0	0.00	0.00	0.00	0.00	0.00	0.00	10.20	0.00	4.08	4.08	0.00	6.12	6.12	40.82	0.00	16.33	16.33	0.00	24.49	24.49
Parks and Green spaces	34.86	1.657	0.00	0.66	0.66	0.00	0.99	0.99	5.14	0.00	2.06	2.06	0.00	3.09	3.09	10.63	0.00	4.25	4.25	0.00	6.38	6.38
Grand Total	1539.91	60.08	0.00	26.51	26.51	0.00	45.99	45.99	190.47	0.00	111.23	111.23	0.00	138.85	138.85	401.43	0.00	285.90	285.90	0.00	279.46	279.46

NOTE: The committed expenditure in previous year corresponds to 20% of the overall fund allocation under SAAP 15-16. In the current financial year it is proposed to utilize the 40% of fund under SAAP 15-16 and 20% of fund under SAAP 16-17 in addition to unutilized carryover fund from last year.

Table 1.4: Abstract-Plan for Achieving Service Level Benchmarks

FY 2016-20

Proposed Priority Projects	Total Project Cost Rs.Cr.	Indicator	*Base line	Annual Targets based on Master Plan (Increment from the Baseline Value)					
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020
				H1	H2				
Water Supply									
	1285.36	Household level coverage of direct water supply connections	51.65 %	0.0 %	0.00 %	9.25%	21.34 %	24.11 %	24.11 %
		Per capita quantum of water supplied	112.76	0.00	0.00	0.00	0.00	8.35	8.35
		Quality of water supplied	98.09 %	0.0 %	0.00 %	0.00%	0.00 %	0.41 %	0.91 %
Sewerage and Septage Management									
	529.13	**Coverage of latrines (individual or community)	90.37 %	0.0 %	0.00 %	9.63%	9.63 %	9.63 %	9.63 %
		Coverage of sewerage network services	12.52 %	0.0 %	0.0 %	0.22%	0.44 %	0.45 %	0.45 %
		Efficiency of Collection of Sewerage	12.35 %	0.0 %	0.00 %	0.00%	0.00 %	0.00 %	0.00 %
		Adequacy in STP capacity	39.12 %	0.0 %	0.00 %	0.00%	0.00 %	8.33 %	8.33 %
Storm Water Drainage									
	326.63	Coverage of storm water drainage network	45.15 %	0.0 %	0.0 %	0.70%	1.48 %	2.02 %	2.23 %
Urban Transport									
	0	Service coverage of urban transport in the city							
		Availability of urban transport per 1000							

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		population							
Others									
	50.19	Development of Parks	4.29%	0.00%	0.00%	0.53%	1.28%	1.88%	2.48%

NOTE:

*Base line values are updated as per current service levels, after revisiting the SLIPs of different ULBs and duly incorporating the improvements due to ongoing works under different schemes.

**Coverage of latrines is being executed under Swachh Bharat Mission.

Table 3.2: SAAP 2016017- Sector-wise Breakup of Consolidated Investments for all ULBs in the State

(Amount in Rs. Cr)

Name of City	Water Supply	Sewerage and Septage Management	Storm Water Drainage	Urban Transport	Parks & Green spaces	Reforms	Total
1	2	3	4	5	6	7	8
Machilipatnam	11.00	9.75	10.00	0.00	0.50	0.00	31.25
Vijayawada	0.00	36.20	0.00	0.00	1.20	0.00	37.40
Tenali	0.00	18.50	0.00	0.00	0.50	0.00	19.00
Gudivada	14.60	9.75	0.00	0.00	0.50	0.00	24.85
Chilakaluripeta	42.00	9.75	0.00	0.00	0.50	0.00	52.25
Narasaraopeta	3.50	1.00	0.00	0.00	0.50	0.00	5.00
Eluru	4.20	14.21	0.00	0.00	0.50	0.00	18.91
Bhimavaram	17.50	15.00	0.00	0.00	0.50	0.00	33.00
Guntur	25.00	0.00	0.00	0.00	0.75	0.00	25.75
Visakhapatnam	41.50	10.00	0.00	0.00	1.20	0.00	52.70
Srikakulam	5.00	6.25	13.00	0.00	0.50	0.00	24.75
Kakinada	0.00	9.75	12.00	0.00	0.75	0.00	22.50
Tadepalligudem	0.00	15.50	6.93	0.00	0.50	0.00	22.93
Rajahmundry	0.00	9.75	30.00	0.00	0.50	0.00	40.25
Vizianagaram	35.00	9.75	0.00	0.00	0.50	0.00	45.25
Tirupati	17.10	19.00	3.42	0.00	0.63	0.00	40.14
Ongole	41.19	5.25	0.00	0.00	0.50	0.00	46.94
Kavali	12.25	3.68	0.00	0.00	0.50	0.00	16.43
Srikalahasti	1.20	5.25	0.00	0.00	0.50	0.00	6.95
Nellore	0.00	0.00	20.70	0.00	0.63	0.00	21.33

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Name of City	Water Supply	Sewerage and Septage Management	Storm Water Drainage	Urban Transport	Parks & Green spaces	Reforms	Total
Chittoor	43.86	5.25	0.00	0.00	0.50	0.00	49.61
Madanapalle	2.40	4.00	0.00	0.00	0.50	0.00	6.90
Kadapa	15.00	12.00	0.00	0.00	0.50	0.00	27.50
Poddatur	25.33	0.00	0.00	0.00	0.50	0.00	25.83
Tadipatri	35.63	0.00	0.00	0.00	0.50	0.00	36.13
Ananthpuramu	3.00	5.25	6.00	0.00	0.50	0.00	14.75
Dharmavaram	4.00	4.80	0.00	0.00	0.50	0.00	9.30
Hindupur	33.30	10.25	0.00	0.00	0.50	0.00	44.05
Nandyal	35.55	5.25	0.00	0.00	0.50	0.00	41.30
Guntakal	2.43	3.20	0.00	0.00	0.50	0.00	6.13
Adoni	4.80	1.75	0.00	0.00	0.50	0.00	7.05
Kurnool	11.90	8.40	0.00	0.00	0.63	0.00	20.93
Total Project Investments							877.05
A&OE							9.376
Grand Total							886.43

Table 3.4: SAAP - Year Wise Share of Investments for All Sectors (ULB Wise)

Name of State:ANDHRA PRADESH

FY 2016-17 (Amount in Rs. Cr.)

Name of City	Total Project Investment	Committed Expenditure (if any) from Previous year							Proposed Spending during Current Financial year							Balance Carry Forward for Next Financial Years						
		Centre	State			ULB			Centre	State			ULB			Centre	State			ULB		
			14 th FC	Others	Total	14 th FC	Others	Total		14 th FC	Others	Total	14 th FC	Others	Total		14 th FC	Others	Total	14 th FC	Others	Total
Machilipatnam	62.73	3.15	0.00	1.26	1.26	0.00	1.89	1.89	8.72	0.00	4.89	4.89	0.00	5.23	5.23	16.00	0.00	11.99	11.99	0.00	9.60	9.60
Vijayawada	110.89	4.93	0.00	2.94	2.94	0.00	6.83	6.83	12.40	0.00	7.38	7.38	0.00	17.11	17.11	20.00	0.00	11.86	11.86	0.00	27.46	27.46
Tenali	26.83	0.78	0.00	0.31	0.31	0.00	0.47	0.47	2.55	0.00	2.85	2.85	0.00	1.53	1.53	5.50	0.00	9.54	9.54	0.00	3.30	3.30
Gudivada	51.40	2.66	0.00	1.06	1.06	0.00	1.59	1.59	7.10	0.00	4.24	4.24	0.00	4.26	4.26	12.45	0.00	10.57	10.57	0.00	7.47	7.47
Chilakaluripeta	60.25	0.80	0.00	0.32	0.32	0.00	0.48	0.48	6.13	0.00	3.85	3.85	0.00	3.68	3.68	19.70	0.00	13.47	13.47	0.00	11.82	11.82
Narasaraopeta	16.63	1.16	0.00	0.47	0.47	0.00	0.70	0.70	2.83	0.00	1.13	1.13	0.00	1.70	1.70	4.33	0.00	1.73	1.73	0.00	2.60	2.60
Eluru	21.69	0.28	0.00	0.11	0.11	0.00	0.17	0.17	1.80	0.00	2.01	2.01	0.00	1.08	1.08	5.55	0.00	7.36	7.36	0.00	3.33	3.33
Bhimavaram	68.73	3.57	0.00	1.43	1.43	0.00	2.14	2.14	9.62	0.00	5.51	5.51	0.00	5.77	5.77	17.03	0.00	13.45	13.45	0.00	10.22	10.22
Guntur	44.75	1.90	0.00	0.76	0.76	0.00	1.14	1.14	6.38	0.00	2.55	2.55	0.00	3.83	3.83	14.10	0.00	5.64	5.64	0.00	8.46	8.46
Visakhapatnam	167.27	7.67	0.00	4.58	4.58	0.00	10.66	10.66	18.90	0.00	11.27	11.27	0.00	26.20	26.20	29.55	0.00	17.60	17.60	0.00	40.84	40.84
Srikakulam	34.25	0.95	0.00	0.38	0.38	0.00	0.57	0.57	3.76	0.00	2.73	2.73	0.00	2.26	2.26	9.36	0.00	8.63	8.63	0.00	5.61	5.61
Kakinada	57.44	3.49	0.00	1.40	1.40	0.00	2.10	2.10	8.54	0.00	4.81	4.81	0.00	5.12	5.12	13.20	0.00	10.86	10.86	0.00	7.92	7.92
Tadepalligudem	35.10	1.22	0.00	0.49	0.49	0.00	0.73	0.73	4.01	0.00	3.04	3.04	0.00	2.41	2.41	8.74	0.00	9.23	9.23	0.00	5.24	5.24
Rajahmundry	43.25	0.30	0.00	0.12	0.12	0.00	0.18	0.18	3.93	0.00	2.97	2.97	0.00	2.36	2.36	13.90	0.00	11.15	11.15	0.00	8.34	8.34
Vizianagaram	50.75	0.55	0.00	0.22	0.22	0.00	0.33	0.33	4.93	0.00	3.37	3.37	0.00	2.96	2.96	16.40	0.00	12.15	12.15	0.00	9.84	9.84
Tirupati	118.40	7.83	0.00	3.13	3.13	0.00	4.70	4.70	19.36	0.00	8.37	8.37	0.00	11.62	11.62	30.46	0.00	14.70	14.70	0.00	18.28	18.28
Ongole	49.94	0.30	0.00	0.12	0.12	0.00	0.18	0.18	4.83	0.00	2.86	2.86	0.00	2.90	2.90	17.53	0.00	10.71	10.71	0.00	10.51	10.51
Kavali	16.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	1.17	1.17	0.00	0.79	0.79	5.27	0.00	4.70	4.70	0.00	3.17	3.17
Srikalahasti	6.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	1.02	1.02	0.00	0.14	0.14	0.93	0.00	4.07	4.07	0.00	0.56	0.56
Nellore	31.83	1.05	0.00	0.42	0.42	0.00	0.63	0.63	4.23	0.00	1.69	1.69	0.00	2.54	2.54	10.64	0.00	4.26	4.26	0.00	6.38	6.38
Chittoor	52.61	0.30	0.00	0.12	0.12	0.00	0.18	0.18	5.10	0.00	2.96	2.96	0.00	3.06	3.06	18.59	0.00	11.14	11.14	0.00	11.16	11.16
Madanpalle	23.92	1.70	0.00	0.68	0.68	0.00	1.02	1.02	3.75	0.00	2.18	2.18	0.00	2.25	2.25	4.80	0.00	4.64	4.64	0.00	2.88	2.88
Kadapa	63.56	3.61	0.00	1.44	1.44	0.00	2.16	2.16	9.06	0.00	5.43	5.43	0.00	5.43	5.43	14.60	0.00	13.08	13.08	0.00	8.74	8.74
Poddatur	26.33	0.05	0.00	0.02	0.02	0.00	0.03	0.03	2.68	0.00	1.07	1.07	0.00	1.61	1.61	10.44	0.00	4.18	4.18	0.00	6.26	6.26
Tadipatri	36.63	0.05	0.00	0.02	0.02	0.00	0.03	0.03	3.71	0.00	1.49	1.49	0.00	2.23	2.23	14.55	0.00	5.82	5.82	0.00	8.73	8.73
Ananthpuramu	15.25	0.03	0.00	0.02	0.02	0.00	0.05	0.05	1.07	0.00	1.37	1.37	0.00	0.71	0.71	4.11	0.00	5.36	5.36	0.00	2.53	2.53
Dharmavaram	24.81	1.55	0.00	0.62	0.62	0.00	0.93	0.93	3.62	0.00	2.26	2.26	0.00	2.17	2.17	5.19	0.00	5.34	5.34	0.00	3.12	3.12
Hindupur	44.55	0.05	0.00	0.02	0.02	0.00	0.03	0.03	3.73	0.00	3.05	3.05	0.00	2.24	2.24	14.61	0.00	12.06	12.06	0.00	8.76	8.76
Nandyal	60.55	1.93	0.00	0.77	0.77	0.00	1.16	1.16	7.53	0.00	3.93	3.93	0.00	4.52	4.52	18.53	0.00	11.11	11.11	0.00	11.12	11.12
Guntakal	20.71	1.46	0.00	0.58	0.58	0.00	0.87	0.87	3.25	0.00	1.86	1.86	0.00	1.94	1.94	4.24	0.00	3.94	3.94	0.00	2.53	2.53
Adoni	17.85	1.08	0.00	0.43	0.43	0.00	0.65	0.65	2.71	0.00	1.39	1.39	0.00	1.63	1.63	4.36	0.00	2.97	2.97	0.00	2.62	2.62
Kurnool	77.66	5.67	0.00	2.27	2.27	0.00	3.40	3.40	12.69	0.00	6.56	6.56	0.00	7.61	7.61	16.76	0.00	12.62	12.62	0.00	10.05	10.05
Total	1539.91	60.08	0.00	26.51	26.51	0.00	45.99	45.99	190.47	0.00	111.23	111.23	0.00	138.85	138.85	401.43	0.00	285.90	285.90	0.00	279.46	279.46

Table 7.4: Quarterly Score Cards for States
Financial and physical progress on capacity building (State level)

Total number of ULBs: 32

Quarter ending Sep 2017_

Number of ULBs above/below proportionate target (from table 7.3 of AMRUT guideline)	Name of the department/position	Physical		Financial		Total number trained, if relevant, upto quarter	Total funds utilized upto quarter
		Total target in FY	Proportionate target upto quarter	Funds allocated in current FY	Proportionate target upto quarter		
Above	Individual training	2697	666	1.43	0.35	0	0
	Institutional capacity building (SMMU+CMMU+PDMC)	190	190	26.34	6.59	0	0
Below	RPMC and UMC	NA*	NA	NA	NA	NA	NA
	Other- specify(Workshop and Training)	10	3	0.26	0.06**	0	0.00
	Other-specify	0	0	0.00	0.00	0	0.00

* Note: RPMC and UMC do not exist after the establishment of SMMU and CMMU

**Note: 3 State Level workshops are proposed for the quarter ending in Sep 16

Table 3.1: SAAP- Master Plan of all projects to achieve universal coverage during the Current Mission period based on Table 2.1 (FYs 2015-16 and 2019-20)**Name of State: ANDHRA PRADESH****Current Mission Period 2015-20****(Amount in Rs. Crore)**

Sr. No.	Name of ULB (water supply and sewerage)	Total number of projects to achieve universal coverage	Estimated Cost	Number of years to achieve universal coverage
1	2	3	4	5
1.	Machilipatnam	4	37.89	4
2.	Vijayawada	1	36.20	3
3.	Tenali	1	18.50	3
4.	Gudivada	3	24.35	3
5.	Chilakaluripeta	2	127.16	5
6.	Narasaraopeta	2	4.50	3
7.	Eluru	3	31.75	4
8.	Bhimavaram	3	32.50	3
9.	Guntur	1	25.00	3
10.	Visakhapatnam	3	97.41	4
11.	Srikakulam	3	46.38	5
12.	Kakinada	2	86.72	5
13.	Tadepalligudem	3	41.06	3
14.	Rajahmundry	2	70.15	5
15.	Vizianagaram	3	87.16	5
16.	Tirupati	5	104.28	2
17.	Ongole	2	122.93	2
18.	Kavali	2	47.09	3
19.	Srikalahasti	2	21.50	3
20.	Nellore	1	101.00	4
21.	Chittoor	3	169.77	3
22.	Madanapalle	2	17.00	3
23.	Kadapa	2	107.00	3
24.	Proddutur	4	115.46	3
25.	Tadipatri	3	115.50	2
26.	Ananthapuramu	3	46.26	3
27.	Dharmavaram	2	24.00	3
28.	Hindupur	3	128.50	3
29.	Nandyal	3	135.00	3
30.	Guntakal	2	24.38	3
31.	Adoni	2	24.75	3
32.	Kurnool	2	70.00	3
	TOTAL	79	2141.12	

Table 3.5: SAAP- – State level Plan for Achieving Service Level Benchmarks

Name of State –ANDHRA PRADESH

Current Mission Period- 2016-20

Proposed Priority Projects	Total Project Cost Rs.Cr.	Indicator	*Base line	Annual Targets based on Master Plan (Increment from the Baseline Value)					
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020
				H1	H2				
Water Supply									
	1285.36	Household level coverage of direct water supply connections	51.65 %	0.0 0%	0.00 %	9.25%	21.34 %	24.11 %	24.11 %
		Per capita quantum of water supplied	112.7 6	0.0 0	0.00	0.00	0.00	8.35	8.35
		Quality of water supplied	98.09 %	0.0 0%	0.00 %	0.00%	0.00 %	0.41 %	0.91 %
Sewerage and Septage Management									
	529.13	**Coverage of latrines (individual or community)	90.37 %	0.0 0%	0.00 %	9.63%	9.63 %	9.63 %	9.63 %
		Coverage of sewerage network services	12.52 %	0.0 0%	0.0 %	0.22%	0.44 %	0.45 %	0.45 %
		Efficiency of Collection of Sewerage	12.35 %	0.0 0%	0.00 %	0.00%	0.00 %	0.00 %	0.00 %
		Adequacy in STP capacity	39.12 %	0.0 0%	0.00 %	0.00%	0.00 %	8.33 %	8.33 %
Storm Water Drainage									
	326.63	Coverage of storm water drainage network	45.15 %	0.0 0%	0.0 %	0.70%	1.48 %	2.02 %	2.23 %
Urban Transport									
	0	Service coverage of urban transport in the city							
		Availability of urban transport per 1000							

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		population							
Others									
	50.19	Development of Parks	4.29%	0.00%	0.00%	0.53%	1.28%	1.88%	2.48%

NOTE:

*Base line values are updated as per current service levels, after revisiting the SLIPs of different ULBs and duly incorporating the improvements due to ongoing works under different schemes.

**Coverage of latrines is being executed under Swachh Bharat Mission.

Table 4: SAAP - Broad Proposed Allocations for Administrative and Other Expenses
(Amount in Rs. Cr.)

Name of State: **ANDHRA PRADESH**

FY2016-17

Sr. No	Items proposed for A&OE	Total Allocation	*Committed Expenditure from previous year	Proposed spending for Current Financial year	Balance to Carry Forward			
					FY 2017	FY 2018	FY 2019	FY 2020
1	Preparation of SLIP and SAAP	0.500	0.429	0.000	0.000	0.000	0.000	0.000
2	PDMC	65.89	5.05	5.875	0.000	18.322	18.322	18.322
3	Procuring Third Party Independent Review and Monitoring Agency	2.000	0.3	0.178	0.000	0.507	0.507	0.507
4	Publications (e-Newsletter, guidelines, brochures etc.)	0.100	0.05	0.009	0.000	0.014	0.014	0.014
5	Capacity Building and Training - CCBP, if applicable - Others	23.51	2.199	2.096	0.000	6.145	6.145	6.145
6	Reform implementation	13.660	1.28	1.218	0.000	3.687	3.687	3.687
7	Others	0.00	0.00	0.000	0.000	0.000	0.000	0.000
Total		105.662	9.308	9.376	0	28.675	28.675	28.675

NOTE:

*Out of the proposed spending of 10.26 Cr in financial year 2015-16, Rs. 0.95 Cr were used for SLIP & SAAP preparation, Reform and Capacity Building in FY 15-16.

Table5.2: SAAP-Reforms Type, Steps and Target for AMRUT Cities FY-2016-2017

S.No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP			
				April to Sep, 2015	Oct, 2015 To Mar, 2016	April to Sep, 2016	Oct, 2016 To Mar, 2017
1	E-Governance	1. Coverage with E-MAAS(from the date of hosting the software) <ul style="list-style-type: none"> • Registration of Birth, Death and Marriage, • Water & Sewerage Charges, Grievance Redressal, Property Tax, Advertisement tax, Issuance of Licenses, Building Permissions, Mutations, Payroll, Pension and e-procurement. 	24months	---	---	---	Yes
2	Constitution and professionalization of municipal cadre	1. Establishment of municipal cadre. 2. Cadre linked training.	24months	---	---	---	Yes

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S.No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP			
				April to Sep, 2015	Oct, 2015 To Mar, 2016	April to Sep, 2016	Oct, 2016 To Mar, 2017
3	Augmenting double entry accounting	1. Appointment of internal auditor.	24months	---	---	---	Yes
4	Urban Planning and City Plans	1. Make a State Level policy for implementing the parameters for Sustainable Habitat. 2. Given in the National Mission	24months	---	---	---	Yes
5	Devolution of funds and functions	1. Implementation of SFC recommendations within timeline.	24months	---	---	---	Yes
6	Review of Building by-laws	1. State to formulate a policy and action plan for having a solar roof top in all buildings having an area greater than 500 square meters and all public buildings. 2. State to formulate a policy and action plan for having Rainwater harvesting structures in all commercial, public buildings and new buildings on plots of 300 sq. meters and above.	24months	---	---	---	Yes

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S.No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP			
				April to Sep, 2015	Oct, 2015 To Mar, 2016	April to Sep, 2016	Oct, 2016 To Mar, 2017
7	Set-up financial intermediary at state level	1. Establish and operationalize financial intermediary- pool finance, access external funds, float municipal bonds.	24months	---	---	---	Yes
8	Credit Rating	1. Complete the credit ratings of the ULBs.	24months	---	---	---	Yes
9	Energy and Water audit	1. Give incentives for green buildings (e.g. rebate in property tax or charges connected to building permission/development charges).	24months	---	---	---	Yes

Table 5.5: SAAP- Self- Evaluation for Reporting Progress on Reform Implementation**For Financial Year 2015-16(Last financial year)**

The reforms achievement will be measured every year after the end of financial year by allocating 10 marks for each reforms milestone achieved as against the targets set by the MoUD.

S.No	Year	No. of milestones	Maximum Score
1	1 st year	28	280
2	2 nd year	13	130
3	3 rd year	8	80
4	4 th year	3	30

Incentive based grant release calculation:

The State will be required to fill the following Self-Assessment Form

Step 1 : Fill the following Table

S. No	Name of ULBs	Maximum Score possible during the year	Score obtained ULB Wise
(1)	(2)	(3)	(4)
1.	Chilakaluripet	140	130
2.	Tadepalligudem	140	140
3.	Tadipatri	140	130
4.	Narasaraopeta	140	130
5.	Gudivada	140	130
6.	Guntakal	140	130
7.	Dharmavaram	140	130
8.	Srikakulam	140	140
9.	Madanapalle	140	130
10.	Bhimavaram	140	140
11.	Hindupur	140	140

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S. No	Name of ULBs	Maximum Score possible during the year	Score obtained ULB Wise
12.	Proddatur	140	130
13.	Tenali	140	140
14.	Adoni	140	110
15.	Machilipatnam	140	130
16.	Nandyal	140	130
17.	Vizianagaram	140	130
18.	Chittoor	140	130
19.	Eluru	140	120
20.	Ongole	140	140
21.	Anantapur	140	140
22.	Rajahmundry	140	140
23.	Kadapa	140	130
24.	Kakinada	140	140
25.	Tirupathi	140	140
26.	Kurnool	140	120
27.	Nellore	140	130
28.	Guntur	140	130
29.	Vijayawada	140	130
30.	Visakhapatnam	140	120
Subtotal ULB		4200	3950
	State		
1	Andhra Pradesh	140	120
Subtotal State		4340	4070
Overall		93.77%	

Step 2: Calculate the overall score in percentage obtained by the State (State Score plus ULB Score)

Step 3: Only those States achieving 70 percent and above overall reform score will be considered for incentive.

Step 4: If the overall score is greater than 70 percent, the incentive amount will be distributed amongst the states depending upon the number of ULBs that have achieved a score of more than 70 percent in the state.

Table 7.2: Annual Action Plan for Capacity Building

Name of State – ANDHRA PRADESH

FY- 2015-16

Form 7.2.1 -Fund Requirement for Individual Capacity Building at ULB level

Sl. No.	Name of ULB	Total numbers to be trained in the current financial year, department wise						No. of Training Programmes to be conducted	Fund Reqd. in current FY (in Crore)
		Elected Reps.	Finance Department	Engineering Department	Town Planning Dept.	Admin. Dept.	Total		
1	Srikakulam (M)	36	2	9	10	3	60	2	0.02
2	Vizianagaram (M)	40	3	9	13	3	68	2	0.02
3	GVMC	72	8	124	33	15	252	8	0.33
4	Rajahmundry (M Corp.)	50	2	23	30	12	117	4	0.07
5	Kakinada (M Corp.)	50	2	22	13	12	99	3	0.05
6	Eluru (M Corp.)	50	2	13	13	12	90	3	0.04
7	Tadepalligudem (M)	35	2	9	8	3	57	2	0.02
8	Bhimavaram (M)	39	1	11	9	3	63	2	0.02
9	Vijayawada (M Corp.)	59	3	71	19	13	165	6	0.14
10	Machilipatnam (M)	42	2	11	18	3	76	3	0.03
11	Gudivada (M)	36	2	9	6	3	56	2	0.02
12	Guntur (M Corp.)	57	4	30	36	15	142	5	0.10
13	Narasaraopet (M)	34	2	4	6	2	48	2	0.01
14	Chilakaluripet (M)	34	2	4	7	2	49	2	0.01

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Sl. No.	Name of ULB	Total numbers to be trained in the current financial year, department wise						No. of Training Programmes to be conducted	Fund Reqd. in current FY (in Crore)
		Elected Reprs.	Finance Department	Engineering Department	Town Planning Dept.	Admin. Dept.	Total		
15	Tenali (M)	40	1	9	12	3	65	2	0.02
16	Ongole (M)	50	1	9	6	3	69	2	0.02
17	Nellore (M Corp.)	54	2	22	28	12	118	4	0.07
18	Madanapalle (M)	35	1	4	12	2	54	2	0.01
19	Tirupati (M Corp.)	50	2	22	20	12	106	4	0.06
20	Chittoor (M)	50	1	8	9	3	71	2	0.03
21	Kadapa (M Corp.)	50	2	21	30	12	115	4	0.07
22	Proddatur (M)	40	1	9	16	3	69	2	0.02
23	Dharmavaram (M)	40	2	9	9	3	63	2	0.02
24	Tadpatri (M)	34	1	4	13	2	54	2	0.01
25	Anantapur (M Corp.)	50	2	20	21	12	105	4	0.06
26	Guntakal (M)	37	2	9	14	3	65	2	0.02
27	Hindupur (M)	38	1	9	13	3	64	2	0.02
28	Kurnool (M Corp.)	51	2	21	24	12	110	4	0.06
29	Adoni (M)	41	1	10	11	3	66	2	0.02
30	Nandyal (M)	42	1	9	13	3	68	2	0.02
31	Kavali	35	1	3	4	3	46	2	0.01
32	Sri Kalahsti	40	1	3	2	1	47	2	0.01
	Total	1411	62	550	478	196	2697	90	1.46

Table 7.2: Annual Action Plan for Capacity Building

Name of State – ANDHRA PRADESH

FY- 2015-16

Form 7.2.2 -Fund Requirement for State level activities

Sl. No.	State Level activities	Total expenditure upto current FY	Unspent funds available from earlier releases	Funds required for the current FY (In Crore)
1	RPMC (SMMU)	0	3.48	4.88
2	Individual capacity Building			1.46
3	Others (Workshops, Seminars, etc.) are approved by NIUA			0.07
4	Institutional/ Reform			4.60
	Total	0	3.48	11.01

Form 7.2.3 -Total Fund Requirement for Capacity Building

Sl. No.	Fund requirement	Individual (Training & Workshop)	Institutional / Reform	SMMU/R PMC/CM MU	Other s	Total (In Cr.)
1	Total release since start of Mission (2015)	0.00	0.00	0.00	0.00	0.00
2	Total utilisation-Central Share	0.00	0.00	0.00	0.00	0.00
3	Balance available-Central Share	0.00	0.00	0.00	0.00	0.00
4	Amount required-Central Share	1.53	4.60	4.88	0.00	11.01
	Total fund required for capacity building in current FY 2016-17	1.53	4.60	4.88	0.00	11.01

Form 7.2.4 Details of Institutional Capacity Building

a. Is the State willing to revise their town planning laws and rules to include land pooling?

Yes. State of Andhra Pradesh has enacted two laws namely (1) A P Capital Region Development Authority Act, 2014 and (2) A P Metropolitan Region and Urban Development Authorities Act, 2016 to include Land Pooling Scheme in Capital Region and the Urban Development Authorities in the State. It is also contemplated to revise the A P Town Planning Act, 1920 to include Land Pooling Scheme in addition to other provisions applicable to other ULBs which are not in the purview of the above two Acts.

b. List of ULBs willing to have a credit rating done as the first step to issue bonds?

The State has empanelled credit rating agencies CRISIL Ltd and ICRA Ltd. In the 1st phase the two agencies have been allotted 12 AMRUT cities. The credit rating process for the 12 AMRUT cities is in its final stages, once the process for the 12 cities is complete credit rating for the remaining 18 AMRUT cities will be taken up and will be completed by October 2016.

c. Is the State willing to integrate all work done in GIS in order to make GIS useful for decision making in ULBs?

Yes, Base maps are under preparation for 32 towns using GIS. The task has been entrusted to consultants and will be completed by January 2017. Within a year, the GIS will be used for preparation of Master Plans and Utility Mapping and there by useful in decision making in property tax, asset management, water charges and infrastructure management. The Directorate of Town Planning will be designated as nodal agency for capacity building of ULBs in GIS. The State Government is willing to integrate all work done in GIS in order to make GIS useful for decision making in ULBs.

d. Is the State willing to take assistance for using land as a fiscal tool in ULBs?

Yes. The State is willing to take assistance for using land as a fiscal tool in ULBs. However, the Property Tax on lands, Impact fee, betterment charges, Area linked development charges, TDR, Incentive FSI, Building Penalisation scheme and Lay-out regularization scheme are in vogue from 22-5-2015.

e. Does the State require assistance to professionalize the municipal cadre?

Yes, support from the GoI is required to professionalise the municipal cadre. As part of JnNURM, under Comprehensive Capacity Building Programme (CCBP), 49 training programmes were conducted for 2015 trainees. A Training Needs Analysis needs to be done for the AMRUT cities/towns. 28 modules were developed for Finance, Public Health, City Sanitation Plans, IT & e-governance, Social development. All existing

cadres will be periodically trained including performance linked benefits in service matters.

f. Does the State require assistance to reduce non-revenue water in ULBs?

Yes, GoI support is required, at present the non – revenue water is around 35% in the proposed 32 AMRUT cities/towns. The Andhra Pradesh government is contemplating water grid which will supply potable water to ULBs. The ULBs will focus on internal distribution lines, universal coverage of connections and non-revenue water. The existing collection efficiency of water charges (at present around 90%) will be increased with improved services. As a part of the reforms, ULBs need to be supported to extend water supply connections to all households including BPL and metering in a phased manner. The GoI support is required in water audit, SCADA, retrofitting existing distribution system with infrastructure such as pressure valves to reduce non-revenue water in ULBs.

g. Does the State require assistance to improve property tax assessment and collections in ULBs?

Last year (2014-15) the ULBs of Andhra Pradesh have collected 92% of property tax. It is proposed to take up drive to assess the un-assessed properties and under-assessed properties using GIS applications. The World Bank funded APMDP project is expected to roll out a 28 module project by March 2016.

h. Does the State require assistance to establish a financial intermediary?

APUFIDC has already been established to act as financial intermediary for the ULBs. Municipal bonds and pooled financing will be taken up by ULBs supported by APUFIDC which is also the State Level Nodal Agency for Centrally sponsored schemes. In this direction the ULBs were advised to update their annual accounts and complete the pending audits, if any.

Table3.3: SAAP- ULB Wise Source of Funds for All Sectors

Name of State: ANDHRA PRADESHFY 2016-17

(Amount in Rs.Cr.)

Name of City	Centre	State			ULB			Convergence	Others (e.g. incentive)	Total
		14 th FC	Others	Total	14 th FC	Others	Total			
Machilipatnam	12.13	0.00	11.84	11.84	0.00	7.28	7.28	0.00	0.00	31.25
Vijayawada	12.67	0.00	7.48	7.48	0.00	17.25	17.25	0.00	0.00	37.4
Tenali	4.91	0.00	11.14	11.14	0.00	2.95	2.95	0.00	0.00	19.0
Gudivada	8.93	0.00	10.56	10.56	0.00	5.36	5.36	0.00	0.00	24.85
Chilakaluripeta	22.63	0.00	16.04	16.04	0.00	13.58	13.58	0.00	0.00	52.25
Narasaraopeta	2.50	0.00	1.00	1.00	0.00	1.50	1.50	0.00	0.00	5.00
Eluru	6.24	0.00	8.92	8.92	0.00	3.75	3.75	0.00	0.00	18.91
Bhimavaram	12.35	0.00	13.24	13.24	0.00	7.41	7.41	0.00	0.00	33.0
Guntur	12.88	0.00	5.15	5.15	0.00	7.73	7.73	0.00	0.00	25.76
Visakhapatnam	17.76	0.00	10.54	10.54	0.00	24.40	24.40	0.00	0.00	52.7
Srikakulam	9.32	0.00	9.84	9.84	0.00	5.59	5.59	0.00	0.00	24.75
Kakinada	7.76	0.00	10.09	10.09	0.00	4.66	4.66	0.00	0.00	22.50
Tadepalligudem	7.88	0.00	10.32	10.32	0.00	4.73	4.73	0.00	0.00	22.93
Rajahmundry	16.63	0.00	13.64	13.64	0.00	9.98	9.98	0.00	0.00	40.25
Vizianagaram	19.13	0.00	14.64	14.64	0.00	11.48	11.48	0.00	0.00	45.25
Machilipatnam	12.13	0.00	4.85	4.85	0.00	7.28	7.28	0.00	0.00	24.26

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Name of City	Centre	State			ULB			Convergence	Others (e.g. incentive)	Total
		14 th FC	Others	Total	14 th FC	Others	Total			
Tirupati	18.50	0.00	10.55	10.55	0.00	11.10	11.10	0.00	0.00	40.15
Ongole	21.16	0.00	13.09	13.09	0.00	12.69	12.69	0.00	0.00	46.94
Kavali	6.59	0.00	5.87	5.87	0.00	3.96	3.96	0.00	0.00	16.42
Srikalahasti	1.16	0.00	5.09	5.09	0.00	0.70	0.70	0.00	0.00	6.95
Nellore	10.67	0.00	4.27	4.27	0.00	6.40	6.40	0.00	0.00	21.34
Chittor	22.49	0.00	13.62	13.62	0.00	13.50	13.50	0.00	0.00	49.61
Madanapalle	1.75	0.00	4.10	4.10	0.00	1.05	1.05	0.00	0.00	6.9
Kadapa	9.22	0.00	12.75	12.75	0.00	5.53	5.53	0.00	0.00	27.5
Poddatur	12.92	0.00	5.17	5.17	0.00	7.75	7.75	0.00	0.00	25.84
Tadipatri	18.06	0.00	7.23	7.23	0.00	10.84	10.84	0.00	0.00	36.13
Ananthpuramu	5.06	0.00	6.65	6.65	0.00	3.04	3.04	0.00	0.00	14.75
Dharmavaram	2.61	0.00	5.12	5.12	0.00	1.57	1.57	0.00	0.00	9.3
Hindupur	18.14	0.00	15.03	15.03	0.00	10.88	10.88	0.00	0.00	44.05
Nandyal	18.34	0.00	11.96	11.96	0.00	11.00	11.00	0.00	0.00	41.3
Guntakal	1.65	0.00	3.48	3.48	0.00	0.99	0.99	0.00	0.00	6.12
Adoni	2.75	0.00	2.64	2.64	0.00	1.65	1.65	0.00	0.00	7.04
Kurnool	6.77	0.00	10.10	10.10	0.00	4.06	4.06	0.00	0.00	20.93
Total	351.60	0.00	291.11	291.11	0.00	234.35	234.35	0.00	0.00	877.05
Grand Total	351.60	0.00	291.11	291.11	0.00	234.35	234.35	0.00	0.00	877.05

ANNEXURE -I

Road map and milestones for implementation of reforms in the State and ULBs under AMRUT in Andhra Pradesh for the year 2016-17.

1. Atal Mission for Rejuvenation and Urban Transformation (AMRUT) mandates a set of 11 Reforms with 54 milestones to be implemented by all the States and 500 Mission Cities within a period of 4 years from 2015-16 to 2018-19 as given in Annexure -1 and 2 of AMRUT Mission Statement & Guidelines. The State has to submit the road map for reforms as part of the State Annual Action Plan (SAAP) which will include reforms to be implemented at both the State and ULB Levels.

2. AMRUT incentivizes reforms implementation by setting aside 10% funds as incentive for State / ULBs. The incentive fund will be in addition to the central share as allocated annually. Incentive will be based on a self-assessment done by the ULBs. The reforms achievement will be measured every year after the end of the financial year by allotting 10 marks for each reform milestone achieved. Only those States and ULBs achieving 70 percent and above over all reform score will be considered for incentive. Reforms are expected to improve service delivery, mobilization of resources and making municipal functioning more transparent and functionaries more accountable.

3. Agencies responsible for the implementation of reforms under AMRUT for the year 2016-17 (Table 5-2 of the Mission guidelines 13 reform milestones).

<p>3-1. Reforms to be implemented exclusively by the State.</p> <ul style="list-style-type: none"> (1) Establishment of Municipal Cadre (2) Cadre linked training (3) Appointment of internal auditor (4) Make a State level policy for non-motorized transport (5) Implementation of SFC recommendations (6) Operationalize financial intermediary- Pool finance- Access external funds- Float Municipal bonds (7) Credit rating of the ULBs 	<p>3-2. Reforms to be implemented by the State and the ULBs</p> <ul style="list-style-type: none"> (1) E-Governance- Coverage with EMAAS-10 Modules (2) Preparation of SLIPs and SAAP (3) Formulate policy and action plan for Solar Roof Top in certain categories of buildings (4) Formulate policy and action plan for RWHS in certain categories of buildings (5) Incentives for green buildings <p>3-3. Reforms to be implemented exclusively by ULBs</p> <ul style="list-style-type: none"> (1) Develop one children park in AMRUT Cities
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Road map for implementation of reforms under AMRUT for the year 2016-17

Sl. No.	Reform with milestones	Agencies responsible for implementation	Activities to be carried out	Timeline fixed by MoUD, GOI	Timeline set by the State in SAAP
(1)	(2)	(3)	(4)	(5)	(6)
1.	<p>Reform</p> <p>E-Governance</p> <p><u>Milestones</u></p> <p>(1)Coverage with E-MAAS (from the date of hosting the software)</p> <ul style="list-style-type: none"> • Registration of Birth, Death and Marriage, • Water & Sewerage Charges • Grievance Redressal • Property Tax • Advertisement tax • Issuance of Licenses • Building Permissions • Mutations • Payroll <p>Pension and e- Procurement</p>	<p>APMDP</p> <p>ULBs</p>	<p>1.Preparation of software</p> <p>2.Coverage with E-MASS 10 Modules</p>	<p>24 months from 01.04.2015</p>	<p>June 2016</p> <p>March, 2017</p>
2.	<p>Reform</p> <p>Constitution and</p>				

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	professionalization of municipal cadre				
	<u>Milestones</u>				
	1. Establishment of municipal cadre.	DMA	1. Submission of Service Rules to the Govt	24 months from 01.04.2015	06.05.2015 (already submitted)
		MA&UD Dept	2. Approval of Service Rules		30.08.2016
		DMA	3. Implementation of the Rules		31.07.2016
	2. Cadre linked training	DMA APUFIDC Training institutes	1. Preparation of reading material and calendar for training	24 months from 01.04.2015	31.07.2016
		Training institutes	2. Conduct of Training Programs		31.07.2017
3.	Reform	DMA	1.Submission of Proposal for appointment of internal auditor	24 months from 01.04.2015	30.06.2016
	Augmenting double entry accounting	MA&UD Dept	2.Issue of orders sanctioning the posts of Internal auditor		31.07.2016
	<u>Milestone</u>	DMA	3.Recruitment and appointment of internal auditor		31.03.2017
	Appointment of internal auditor				
4.	Reform				
	Urban Planning and City Development Plans				

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	<u>Milestones</u>				
	1.Preparation of Service Level Improvement Plans(SLIP), State Annual Action Plans(SAAP)	ULBs	1.Preparation of Service Level Improvement Plans	24 months from 01.04.2015	31.05.2016
		APUFIDC	2. Preparation of SAAP		07.06.2016
	2. Develop atleast one children park every year in the AMRUT cities	ULB	1. Preparation of DPR	24 months from 01.04.2015	30.06.2016
		ULB	2. Finalization of tenders		31.07.2016
		ULB	3. Date of completion of work		31.03.2017
	3. Make a State Level policy for implementing the parameters given in the National Mission for Sustainable Habitat	DTCP	1.Preparation of State level Policy	24 months from 01.04.2015	30.06.2016
		MA&UD Dept.	2. Approval of Policy		30.06.2016
5.	Reform Devolution of funds and functions <u>Milestone</u> Implementation of SFC recommendations within timeline	Government	1.Appointment of SFC	24 months from 01.04.2015	January, 2015 Functioning from June,2015
		SFC	2.Submission of report by SFC		2 years from functioning June, 2017
		Government	3.Implementation of SFCs recommendations		December, 2017
6.	Reform Review of Building bye-laws <u>Milestones</u>				
		DTCP	1.Preparation of policy and		30.06.2015

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	1. State to formulate a policy and action plan for having a solar roof top in all buildings having an area greater than 500 square meters and all public buildings		action plan	24 months from 01.04.2015	
		MA&UD Dept.	2.Approval of Policy and action plan		31.08.2015
		ULBs	3.Implementation of action plan		31.03.2017
	2. State to formulate a policy and action plan for having Rainwater harvesting structures in all commercial, public buildings and new buildings on plots of 300 sq. meters and above	DTCP	1.Preparation of policy and action plan	24 months from 01.04.2015	30.06.2015
		MA&UD Dept.	2.Approval of Policy and action plan		31.08.2015
		ULBs	3.Implementation of action plan		31.03.2017
7. Reform Set-up financial intermediary at state level <u>Milestone</u> Establish and operationalize financial intermediary- pool finance, access external funds, float municipal bonds.	MA&UD Dept.	1. Set up Financial intermediary	24 months from 01.04.2015	(already setup) 26.08.2015	
	APUFIDC	2.operationalize financial intermediary		31.03.2017	
8. Reform Credit Rating <u>Milestone</u>	APUFIDC	1. Calling for EOI from concerned agencies and tenders	24 months from 01.04.2015	30.06.2016	
	APUFIDC	2. Issue of work orders to the		31.03.2017	

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	Complete the credit ratings of the ULBs.		concerned agencies and completion of the credit ratings		
9.	Reform Energy and Water audit <u>Milestone</u> Give incentives for green buildings (e.g. rebate in property tax or charges connected to building permission/development charges).	DTCP	1.Preparation of policy and action plan	24 months from 01.04.2015	30.06.2016
		MA&UD Dept.	2.Approval of Policy and action plan		31.08.2016
		ULBs	3.Implementation of action plan		31.03.2017

Action to be taken during the year 2016-17 in respect of Reforms to be achieved by 31.03.2018

Sl. No.	Reform with milestones	Agencies responsible for implementation	Activities to be carried out	Timeline fixed by MoUD, GOI	Timeline set by the State
(1)	(2)	(3)	(4)	(5)	(6)
1.	Reform E-Governance <u>Milestones</u> 1. Personnel Staff management	APMDP	1 Preparation of Software	36 Months from 01.04.2015	31.12.2016
		ULBs	2. Adoption of		31.03.2017

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			Software		
	2. Project management	APMDP	1 Preparation of Software	36 Months from 01.04.2015	31.12.2016
		ULBs	2. Adoption of Software		31.03.2017
2.	Reform	MA&UD Dept.	1. Enactment of MR and UDA Act	36 Months from 01.04.2015	March, 2016
	Urban Planning and City Development Plans	MA&UD Dept	2. Establishment of UDAs		June, 2016
		DTCP	3. Preparation of Rules.		December, 2016
		MA&UD Dept.	4. Approval of Rules		March, 2017
<u>Milestones</u>					
	Establishment of Urban Development Authorities				
3.	Reform				
	Swachh Bharat Mission				
	<u>Milestone</u>				
	1.Elimination of open defecation	Swachh Andhra Corporation(SAC) and ULBs	1. Completion of individual toilets(100%)	36 Months from 01.04.2015	March, 2017
	2. Completion of community toilets (100%)		March, 2017		
	3. Completion of public toilets (100%)		March, 2017		
2. Waste Collection (100%)	DMA and ULBs	70% collection	36 Months from 01.04.2015	March, 2017	
			36 Months		

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	3. Transportation of Waste (100%)	DMA and ULBs	70% Transportation	from 01.04.2015	March, 2017
	4. Scientific Disposal (100%)	SAC and ULBs	1. Power Generation or manufacturing compost (20%)	36 Months from 01.04.2015	March, 2017
			2. Reclamation of Existing Dump sites (20%)		March, 2017
	5. The State will prepare a Policy for Right-sizing the number of municipal functionaries	MA&UD Dept.	1. Constitution of a Committee for preparation of policy	36 Months from 01.04.2015	June, 2016
		Committee	2. Preparation of a draft policy by the Committee		December, 2016

Action to be taken during the year 2016-17 in respect of Reforms to be achieved by 31.03.2019

Sl. No.	Reform with milestones	Agencies responsible for implementation	Activities to be carried out	Timeline fixed by MoUD, GOI	Timeline set by the State in SAAP
(1)	(2)	(3)	(4)	(5)	(6)
1.	Reform Urban Planning and City Development plans Milestones 1. Preparation of Master Plan using GIS	1. DTCP 2. MA&UD Dept	1. Preparation of TOR & Selection of consultants 2. Procurement of images & Topographic survey and field attribute Survey 3. Post field data integration	48 Months from 01.04.2015	June, 2016 September, 2016 March, 2017

ANNEXURE -II**Details of Slum Population in AMRUT Cities.**

S. No	Name of the ULB	Slum Population (2011)
1	Visakhapatnam	836702
2	Vijayawada	451231
3	Guntur	266500
4	Nellore	204387
5	Kurnool	152395
6	Nandyal	145721
7	Rajahmundry	143098
8	Kadapa	130096
9	Tirupati	125425
10	Eluru	120227
11	Kakinada	112038
12	Ongole	108577
13	Adoni	105128
14	Vizianagaram	98217
15	Machilipatnam	91283
16	Guntakal	90884
17	Narasaraopeta	88459
18	Ananthapur	85406
19	Tenali	85269
20	Dharmavaram	82785
21	Hindupur	75796
22	Proddatur	52180
23	Bhimavaram	51083
24	Chittoor	48166
25	Gudivada	46587
26	Chilakaluripet	39107
27	Srikakulam	32937
28	Tadipatri	30221
29	Tadepalligudem	30039
30	Madanapalle	29866