



ONLINE PROJECT MONITORING SYSTEM

ESTABLISHMENT OF WASTE TO ENERGY PROJECTS IN ANDHRA PRADESH



SWACHHA ANDHRA CORPORATION

DEPARTMENT OF MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT

Waste to Energy Projects

Cluster Name (Lead ULB)	MSW Qnty. (as of FY 15-16)	Capacity of the WtE Plant (MW)
Visakhapatnam	942	15
Vizianagaram	203	4
Tadepalligudem	342	5
Guntur	1,202	15
Machilipatnam	196	4
Tirupati	374	6
Nellore	296	4
Kurnool	316	1
Ananthapur	283	4
Kadapa	317	5

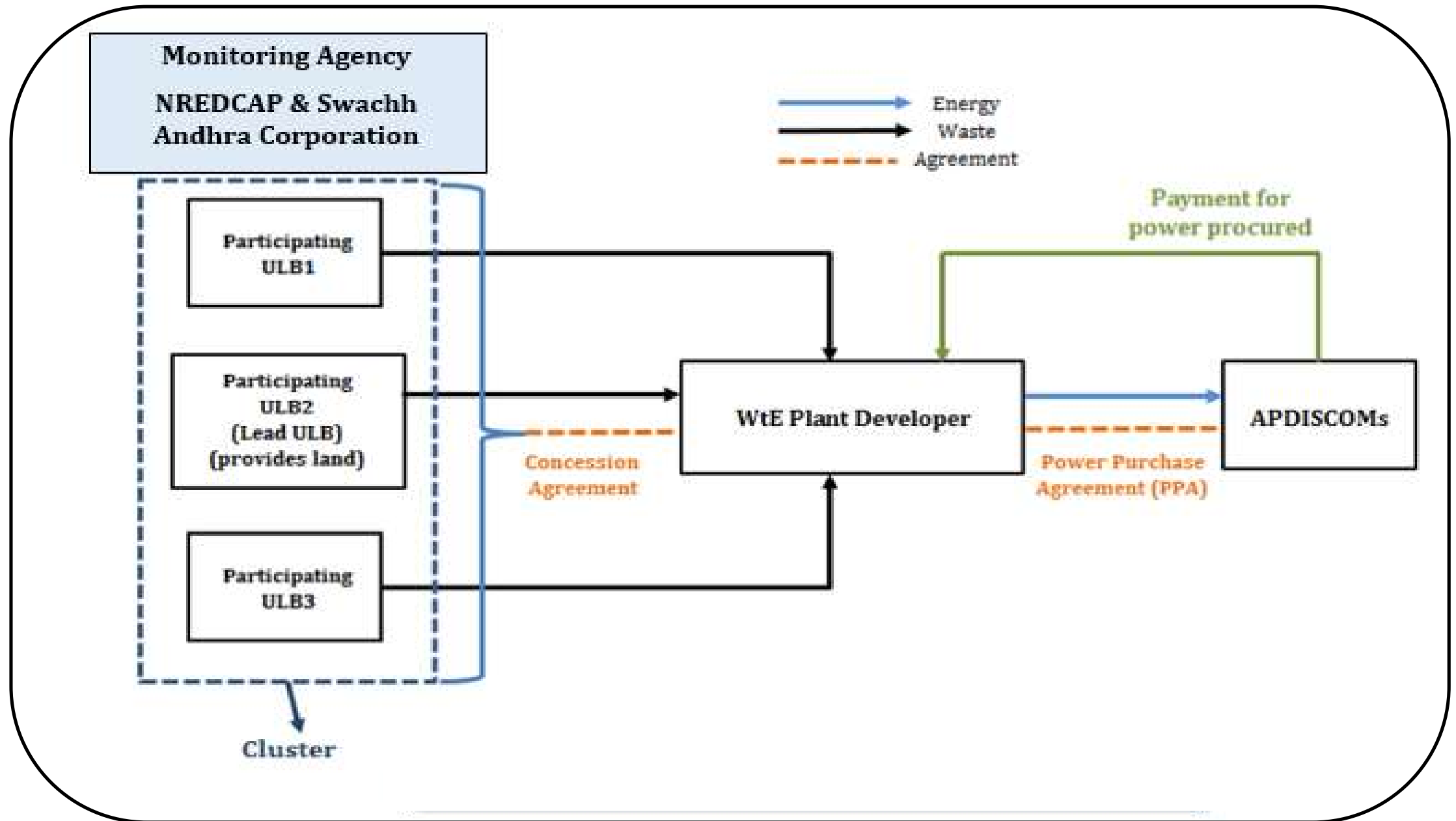


53 ULBs generating ~ 4471 Tonnes/day of Municipal Solid Waste

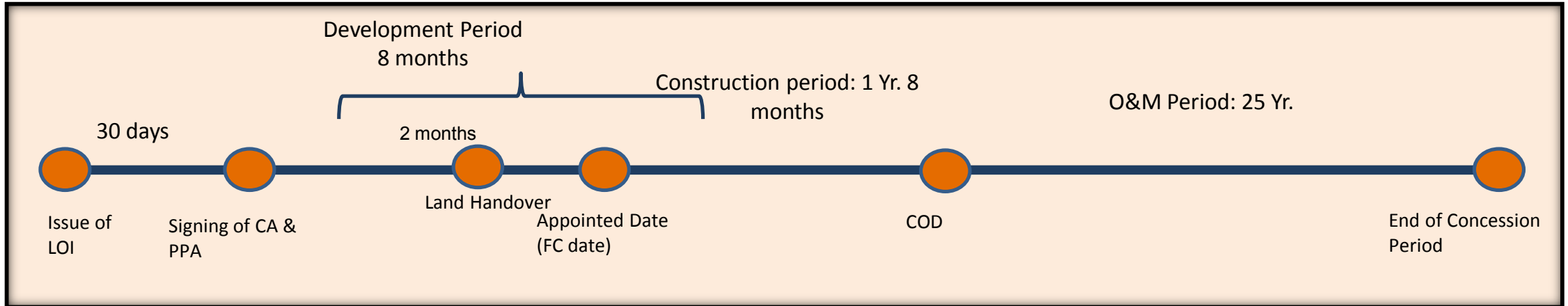


63 MW of energy and other useful products

Operating Structure of WtE Projects



Project Key Timelines & Obligations



Concession	Design Build Finance Operate Transfer Model Construction Period - 1 yr. 8 months from Appointed date Concession Period - 25 years from COD
ULB's Obligation	<ul style="list-style-type: none"> - Deliver waste (on a daily basis to the site) - Provide land (10-30 acres)
APDISCOM	<ul style="list-style-type: none"> - Undertake construction of power evacuation facility (within 28 months) - Procure power from project for 25 years
Developer	<ul style="list-style-type: none"> - Development and operation of Waste to Energy Plant (4MW – 15MW)

Status of 10 WtE Projects

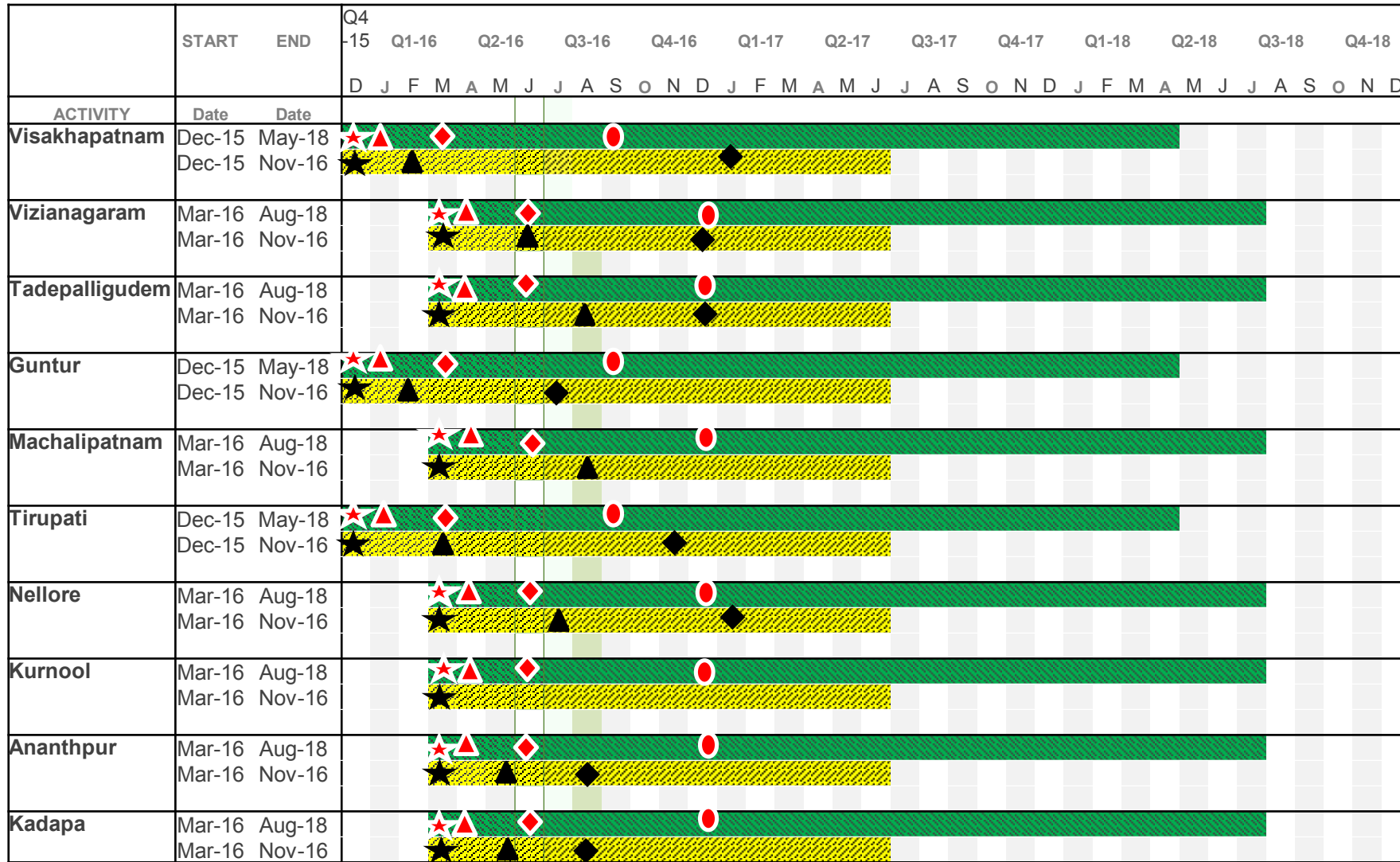
Name of Developer	Cluster Name	Capacity (MW)	Date of Lol	Date of CA	Date of PPA	Name Board	H/o of site	Issues
JITF Urban Infra. Ltd	Visakhapatnam	15	03.12.15	17.02.16	17.02.16	Installed	Handed over	Agency has got CFE clearance
	Guntur	15	03.12.15	06.02.16	06.02.16	Installed	23.07.2016	Agency has got CFE clearance subject to clearance of court case. Porta-cabin was installed.
	Tirupati	6	03.12.15	10.03.16	10.03.16	Installed	28.11.2016	Alternate site at Mamundur is under acquisition.
Essel Infra Projects	Ananthapur	4	10.03.16	06.05.16	24.08.16	Installed	24.08.2016	Agency has got CFE clearance
	Tadepalligudem	5	10.03.16	1.08.16	25.01.17	Installed	07.12.2016	Agency has got CFE clearance.
	Kadapa	5	10.03.16	05.05.16	24.08.16	Installed	24.08.2016	Agency has got CFE clearance. Porta-cabin was installed.
	Machilipatnam	4	10.03.16	01.08.16	Yet to be signed		-	Land allocated is not suitable for construction. Alternate land is to be identified.
	Vizianagaram	4	10.03.16	23.06.2016	06.10.16	Installed	07.12.2016	Agency has got CFE clearance.
Nexus Novus	Kurnool	1	10.03.16	17.04.2017	Yet to be signed		-	CA concluded. As per Govt. orders, land to hand over.
Envikare LLP	Nellore	4	10.03.16	30.07.16	09.08.16	Installed	23.11.2016	Agency has got CFE clearance. Porta-cabin was installed.

Action Plan of Waste to Energy Projects

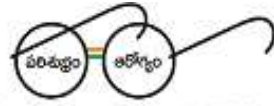


Agency	Cluster Name	Capacity	Date of Lol	Date of	Date of	H/O	DPR	EC / CFE OF PCB	Vendor Finalysation	Financial Closure	Machine ry ordering	land developm ent	Equip. Foundati on	Erectio n of equip.	Commiss ioning
		(MW)		CA	PPA	of site									
Jindal	Visakhapatnam	15	03.12.15	✓	✓	✓	✓	✓	✓	✓	✓	Jun'17	Aug'17	Jan-18	Apr'18
	Guntur	15	03.12.15	✓	✓	✓	✓	✓	✓	✓	✓	Jun'17	Aug'17	Jan-18	Apr'18
	Tirupati	6	03.12.15	✓	✓	✓	✓	✓	✓	✓	✓	Jun'17	Aug'17	Jan-18	Apr'18
Essel	Ananthapur	4	10.03.16	✓	✓	✓	✓	✓	✓	Jun'17	Jun'17	Jun'17	Aug'17	Feb-18	Jun-18
	Tadepalligudem	5	10.03.16	✓	✓	✓	✓	✓	✓	Jun'17	Jun'17	Jun'17	Aug'17	Feb-18	Jun-18
	Kadapa	5	10.03.16	✓	✓	✓	✓	✓	✓	Jun'17	Jun'17	Jun'17	Aug'17	Feb-18	Jun-18
	Machilipatnam	4	10.03.16	✓					✓	Jun'17	Jun'17	Jun'17	Aug'17	Feb-18	Jun-18
	Vizianagaram	4	10.03.16	✓	✓	✓	✓	✓	✓	Jun'17	Jun'17	Jun'17	Aug'17	Feb-18	Jun-18
Nexus Novus	Kurnool	1	10.03.16	✓	Jun'17	✓	Jun'17	Jun'17	✓	Jul'17	Jul'17	Jul'17	Sep'17	Nov'17	Mar-18
Envikare LLP	Nellore	4	10.03.16	✓	✓	✓	✓	✓	✓	Jun'17	Jun'17	Jun'17	Aug'17	Mar-18	Jul-18

Bar Chart for the Project Timelines



★ LoI
 ▲ Signing of CA & PPA
 ◆ Handover of Land
 ● Financial Closure
 Planned as per Bid documents
 Actual



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Swachha Andhra Corporation

Government of Andhra Pradesh



Thank You