

**Background Documents dated 17.03.2025 for Development of Waste to Energy Facility in
Andhra Pradesh**

1. Waste Quantity for Kakinada-Rajahmundry Cluster:

Table 1: Kakinada-Rajahmundry Cluster

Sl. No.	Name of the ULB	Total Garbage lifted per day as per reading in Weighing Machine (Qty. in MT)
1	Kakinada	144
2	Rajahmundry	160
3	Gollaprolu	9
4	Pithapuram	26
5	Peddapuram	25
6	Samalkota	23
7	Yeleswaram	8
8	Ramachandrapuram	23
9	Mandapeta	26
10	Mummidivaram	11
11	Amalapuram	30
12	Eluru	103
13	Tadepalligudem	75
14	Tanuku	45
15	Palakollu	42
16	Narsapuram	24
17	Bhimavaram	75
18	Nidadavole	22
19	Kovvur	26
20	JangareddyGudem	36
21	Akiveedu	18
22	Chintalapudi	6
	Total	957

2. Waste characterization for all the clusters:

Refer to <http://sac.ap.gov.in/>
<http://sac.ap.gov.in/sac/UserInterface/Application/Reports/MSWMReports.aspx>

3. Value of lease rental for the proposed location of the WtE Plant

Cluster Name	Participating ULBs	Proposed WtE Plant location	Basic Value of Land (in INR lakhs / acre)
Kakinada- Rajahmundry Cluster	Kakinada	Kapavaram Village, Biccavole Mandal	10,00,000
	Rajahmundry		
	Gollaprolu		
	Pithapuram		
	Peddapuram		
	Samalkota		
	Yeleswaram		
	Ramachandrapuram		
	Mandapeta		
	Mummidivaram		
	Amalapuram		
	Eluru		
	Tadepalligudem		
	Tanuku		
	Palakollu		
	Narsapuram		
	Bhimavaram		
	Nidadavole		
	Kovvur		
	JangareddyGudem		
Akiveedu			
Chintalapudi			

4. Status report of Proposed Locations for WtE plant prepared by NREDCAP:

Lead ULB	Total MSW Potential (MT)	Proposed site for WtE projects	Distance of Substation from proposed site (km)	Distance of Disposal Location from proposed site (km)	Status of land & water availability at the proposed locations
Rajahmundry	957	Kapavaram Village, Biccavole Mandal	7	4	Available

Substation Name: 132 kV Biccavole Substation

Disposal Location: Balabhadrapuram Village, Biccavole Mandal

5. Computation of C' as per Clause 22 of the RFP

Cluster Name	Participating ULBs	Normative Capacity (MW)	Normative land requirement (acres)	Basic Value of Land (INR lakhs / acre)	C' ¹(INR/kWh)
Kakinada-Rajahmundry Cluster	Kakinada	12	11.98	10,00,000	0.02
	Rajahmundry				
	Gollaprolu				
	Pithapuram				
	Peddapuram				
	Samalkota				
	Yeleswaram				
	Ramachandrapuram				
	Mandapeta				
	Mummidivaram				
	Amalapuram				
	Eluru				
	Tadepalligudem				
	Tanuku				
	Palakollu				
	Narsapuram				
	Bhimavaram				
	Nidadavole				
	Kovvur				
	JangareddyGudem				
Akiveedu					
Chintalapudi					

- 6. Refer to G.O. Ms. No. Revenue (Assignment. I) Department dated 14.09.2012 for calculation of the land lease rental.**
- 7. Refer to SWM Rules, 2016.**

¹ C' in INR/kWh = 0.001522 * Normative Land requirement in acres * Basic Value of Land (in INR Lakhs/acres)/ Normative Capacity in MW (Refer to Clause 22 of the RFP)