

**Background Documents dated 21.05.2025 for Development of Waste to Energy Facility in  
Andhra Pradesh**

**1. Waste Quantity for Kadapa Cluster:**

Table 1: Kadapa Cluster

Sl. No.	Name of the ULB	Total Garbage lifted per day as per reading in Weighing Machine (Qty. in MT)
1	Kadapa	219
2	Proddatur	108
3	Pulivendula	30
4	Jammalamadugu	22
5	Badvel	33
6	Mydukur	21
7	Yerraguntla	12
8	Kamalapuram	6
9	Rajampet	24
10	Rayachoti	52
11	Madanapalle	62
12	B Kothakota	9
13	Darmavaram	73
14	Puttaparthi	7
15	Kadiri	14
16	Allagadda	12
17	Chittoor	63
18	Punganur	14
	<b>Total</b>	<b>781</b>

**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**

<b>Cluster Name</b>	<b>Participating ULBs</b>	<b>Proposed WtE Plant location</b>	<b>Basic Value of Land (in INR lakhs / acre)</b>
Kadapa Cluster	Kadapa	Kolumulapalle	2,30,000
	Proddatur		
	Pulivendula		
	Jammalamadugu		
	Badvel		
	Mydukur		
	Yerraguntla		
	Kamalapuram		
	Rajampet		
	Rayachoti		
	Madanapalle		
	B Kothakota		
	Darmavaram		
	Puttaparthi		
	Kadiri		
	Allagadda		
	Chittoor		
	Punganur		

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

<b>Lead ULB's</b>	<b>Total MSW Potential (MT)</b>	<b>Proposed site for WtE project</b>	<b>Distance of Substation from proposed site (km)</b>	<b>Distance of Disposal Location from proposed site (km)</b>	<b>Status of land &amp; water availability at the proposed locations</b>
Kadapa	781	Kolumulapalle	11	-	Available

**Substation Name:** 132/33 kV Moolavanka Substation

**Disposal Location:** Kolumulapalle

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

<b>Cluster Name</b>	<b>Participating ULBs</b>	<b>Normative Capacity (MW)</b>	<b>Normative land requirement (acres)</b>	<b>Basic Value of Land (INR lakhs / acre)</b>	<b>C' <sup>1</sup>(INR/kWh)</b>
Kadapa Cluster	Kadapa	10	15	2,30,000	0.01
	Proddatur				
	Pulivendula				
	Jammalamadugu				
	Badvel				
	Mydukur				
	Yerraguntla				
	Kamalapuram				
	Rajampet				
	Rayachoti				
	Madanapalle				
	B Kothakota				
	Darmavaram				
	Puttaparthi				
	Kadiri				
	Allagadda				
	Chittoor				
	Punganur				

**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.**

<sup>1</sup> 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)