

Background Documents dated 01.08.2017 for setting up Municipal Solid Waste (MSW) to Energy Processing Facility in Andhra Pradesh

1. Waste Quantity for Ongole and Rajahmundry Clusters:

Table 1: Rajahmundry Cluster

Sl. No.	Name of the ULB	Total Garbage lifted per day as per reading in Weighing Machine (Qty. in MTs)
1	Rajahmundry	169
2	Kakinada	181
3	Gollaprolu	9
4	Pithapuram	22
5	Peddapuram	24
6	Samalkot	24
7	Yeleswaram	6
8	Ramachandrapuram	23
9	Mandapeta	27
10	Kovvur	21
	Total	506

Table 2: Ongole Cluster

Sl.No	Name of the ULB	Total Garbage lifted per day as per reading in Weighing Machine (Qty.in MTs)
10	Ongole	120
11	Addanki	16
12	Chimakurthy	13
13	Kandukur	21
	Total	170

2. Waste characterization for all the clusters:

The DPRs prepared by the Technical Consultants for all the participating ULBs can be accessed at the below link:

<http://sac.ap.gov.in/sac/UserInterface/Application/NewReportsBS/MSWMReportsBS.aspx>

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

Cluster No.	Participating ULBs	Proposed WtE Plant location	Basic Value of Land (in Rs. lakhs / acres)*
Cluster Ongole	Ongole	Ongole – Location yet to be finalized.	15.00
	Addanki		
	Chimakurthy		
	Kandukur		
Cluster Rajahmundry	Rajahmundry	Rajahmundry - Location yet to be finalized.	15.00
	Kakinada		
	Gollaprolu		
	Pithapuram		
	Peddapuram		
	Samalkot		
	Yeleswaram		
	Ramachandrapuram		
	Mandapeta		
	Kovvur		

*Note: Basic value of Land given in the table above is only for illustrative purpose and is liable to change. Based on the change in the Land prices, the C' value and tariff shall be adjusted and to be approved by APERC.

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

Lead ULB's	Total MSW Potential (MTS)	Proposed site for WtE projects	Status of land & water availability at the proposed locations
Ongole	170	Yet to be finalised	Location yet to be finalised
Rajahmundry	506	Yet to be finalised	Location yet to be finalised

5. Computation of C' as per Clause 6.2 of the RFP

Cluster No.	Participating ULBs	Normative Capacity (MW)	Normative land requirement (acres)	Basic Value of Land (Rs. lakhs / acres)*	C' ¹ (Rs/kWh)
Cluster Ongole	Ongole	2	10	15	0.1141
	Addanki				
	Chimakurthy				
	Kandukur				
Cluster Rajahmundry	Rajahmundry	5	10	15	0.0456
	Kakinada				
	Gollaprolu				
	Pithapuram				
	Peddapuram				
	Samalkot				
	Yeleswaram				
	Ramachandrapuram				
	Mandapeta				
	Kovvur				

¹ C' in INR/kWh = 0.001522 * Land requirement in acres * Basic Value of Land in INR Lakhs/acres/ Capacity in MW (Refer to Clause 7 of the RFP)

*Note: Basic value of Land given in the table above is only for illustrative purpose and is liable to change. Based on the change in the Land prices, the C' value and tariff shall be adjusted and to be approved by APERC.

6. Refer to G.O. Ms. No. 571 Dated 14.09.2012 for calculation of the land lease rental.

7. Refer to MSW Rules 2016.