

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

1. Waste Quantity for all the Clusters:

Table 1: Srikakulam, Vizianagaram & Visakhapatnam Districts

Sl.No.	Name of the ULB	Total garbage lifted per day as per reading in weighing machine (Qty. in MTs)
1	Srikakulam	71.07
2	Amadalavalasa	11.24
3	Ichapuram	23.00
4	Palasa-Kasibugga	19.85
5	Rajam NP	16.40
6	Palakonda NP	15.00
7	Vizianagaram	109.00
8	Bobbili	17.10
9	Parvathipuram	-
10	Salur	15.06
11	Nellimarla	11.45
12	Narsipatnam	19.50
13	Yelamanchili	14.00
14	GVMC	941.50

Table 2: East & West Godavari and Krishna Districts

Sl. No.	Name of the ULB	Total Garbage lifted per day as per reading in Weighing Machine (Qty. in MTs)
1	Rajahmundry	149.00
2	Kakinada	188.00
3	Amalapuram	37.50
4	Tuni	30.80
5	Pithapuram	24.84
6	Samalkot	32.00
7	Mandapeta	21.47
8	R.C.Puram	30.00
9	Peddapuram	23.00
10	Yeleswaram	8.00
11	Gollaprolu	11.70
12	Mummidivaram	8.00
13	Eluru	85.00
14	Bhimavaram	56.31
15	Tadepalligudem	80.00
16	Palacole	32.00
17	Narsapur	32.00
18	Tanuku	37.00
19	Nidadavole	20.00
20	Kovvur	20.00
21	Jangareddygudem	8.00
22	Vijayawada	525.54
23	Machilipatnam	82.50
24	Gudivada	55.00
25	Nuzvid	28.00
26	Jaggayyapet	34.50
27	Pedana	15.50
28	Vuyyuru	18.00

29	Nandigama	21.35
30	Tiruvuru	17.00

Table 3: Guntur, Nellore and Ongole Districts

Sl.No	Name of the ULB	Total Garbage lifted per day as per reading in Weighing Machine (Qty.in MTs)
1	Guntur	320
2	Tenali	68
3	Narasarao Pet	65
4	Chilakaluripet	62
5	Bapatla	48.80
6	Ponnur	35
7	Repalle	25
8	Macherla	23
9	Mangalagiri	52
10	Sattenapalli	45
11	Vinukonda	30.50
12	Piduguralla	35
13	Tadepalli	30
14	Ongole Corp.	65
15	Chirala	53
16	Markapur	34
17	Kandukur	38
18	Addanki	11
19	Chimakurthy	16
20	Giddalur	19
21	Kanigiri	33
22	Kavali	43
23	Gudur	38
24	Venkatagiri	16

Sl.No	Name of the ULB	Total Garbage lifted per day as per reading in Weighing Machine (Qty.in MTs)
25	Atmakur	15
26	Sullurpet	16
27	Naidupet	10
28	Nellore	200

Table 4: Ananthapur, Kadapa, Kurnool and Chittoor Districts

Sl. No	Name of the ULB	Total garbage lifted per day as per reading in Weighing Machine (Qty in MTs)
1	Ananthapur	110.00
2	Hindupuram	68.00
3	Guntakal	59.00
4	Tadpatri	44.00
5	Dharmavaram	65.00
6	Kadiri	30.00
7	Rayadurgam	33.00
8	Gooty	4.00
9	Kalyandurgam	4.00
10	Puttaparthi	12.00
11	Madakarsira	15.00
12	Paamidi	1.25
13	Kurnool	140.00
14	Adoni	58.00
15	Nandyal	63.00
16	Yemmiganur	52.08
17	Dhone	32.00
18	Nandikotur	21.00
19	Gudur	8.00
20	Allagadda	10.00

Sl. No	Name of the ULB	Total garbage lifted per day as per reading in Weighting Machine (Qty in MTs)
21	Atmakur	20.00
22	Kadapa	156.00
23	Proddatur	75.00
24	Pulivendula	27.00
25	Jammalamadugu	24.00
26	Rajamapeta	30.00
27	Rayachoti	38.00
28	Badvel	18.36
29	Mydukuru	6.00
30	Yerraguntala	2.65
31	Chittoor	65.00
32	Tirupati	190.00
33	Srikalahasthi	58.00
34	Madanapalle	62.00
35	Punganur	30.72
36	Palamaneru	21.00
37	Nagari ¹	27.00
38	Puttur	18.00

¹ Furnished by Technical Consultant

2. Waste characterization for all the clusters:

Shall be submitted along with the DPRs prepared by the Technical Consultants for all the zones.

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 1	Visakhapatnam	Thangudupalli Village, Anandapuram Mandal	7.00
Cluster 2	Vizianagaram	Vizianagaram - 18 acres land in Gunupoorupeta	5.00
	Srikakulam		
	Amudalavalasa		
	Nellimarla		
Cluster 3	Tadepalligudem	Tadepalligudem: 25 acres	XX
	Bhimavaram		
	Tanuku		
	Palakollu		
	Narsapuram		
	Eluru		
	Nidadavolu		
Cluster 4	Guntur	Guntur - Naidupeta, Chilakaluripet Road - 77 acres	33.80
	Vijayawada		
	Tenali		
	Chilakaluripeta		
	Sattenapalli		
	Mangalagiri		
	Narsaraopeta		
	Ponnur		
	Tadepalle		
Cluster 5	Machilipatnam	in Rudravaram village, 6 kms from Machilipatnam - 49 acres	XX
	Gudivada		
	Repalle		
	Pedana		

	Vuyyuru		
Cluster 6	Tirupati	Tirupati - Ramapuram - 25 acres	14.00
	Chittoor		
	Srikalahasti		
	Nagari		
	Venkatgiri		
	Puttur		
Cluster 7	Nellore	Nellore - Donthali - 25 acres (12.8 kms from Nellore MC)	12.00
	Kavali		
	Gudur		
	Atmakur		
Cluster 8	Kurnool	Kurnool: Gargeya puram & Nuthan Pally - 56 acres	5.00
	Dhone		
	Guduru		
	Yemmiganur		
	Nandyal		
	Nandikotkur		
Cluster 9	Ananthapur	Ananthapur - Gooty road 12.5 acres - additional land needs to be acquired	XX
	Dharmavaram		
	Guntakal		
	Tadipatri		
	Pamidi		
	Gooty		
Cluster 10	Kadapa	Kolumulapalle - 92 acres	1.40
	Rayachoty		
	Proddatur		
	Rajampet		
	Badvel		

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

Cluster No.	Lead ULB	Proposed site for WtE projects	Status of land & water availability at the proposed locations
1	Visakhapatnam	Yet to be finalized	To be obtained
2	Vizianagaram	Gunupoorupeta	28 acres of land available
			One bore is working & water is available at 135 feet depth
			Soil test report yet to be obtained
3	Tadepalligudem	Yet to be finalized	20 acres of land proposals submitted to Govt for allotment
4	Guntur	Naidupet	76.25 acres of land is available
			40 % of land is used for compost
			Sufficient ground water is available
			Gravel & rock mixture soil
5	Machilipatnam	Rudravaram - yet to be finalized	20.78 acres of land proposals submitted to Govt for allotment
			Water is available at 150 feet depth
			Black cotton soil
6	Tirupati	Tirupati to Ramapuram	25 acres of land available
			Around 350 tons of garbage is dumping per day
			Ground water is available at 400 feet depth
7	Nellore	Nellore to Donthali	25 acres of land is available
			Hard soil
			Ground water is available at 80 feet depth
8	Kurnool	Gargeya puram	38 acres of land is available
			One bore is working water is available at 70 feet depth
			Soil test report yet to be obtained
9	Ananthapur	Yet to be finalized	No details as the commissioner is out of Head quarters
10	Kadapa	Kolumulapalle	92 acres of land is available
			Ground water is available at 100 feet depth
			Soil test report to be received from Municipality
			Land filling visit not done

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

6. Refer to MSW Rules, 2000