

URBAN HOUSING

Andhra Pradesh Township & Infrastructure Development Corporation

APTIDCO

About PMAY(Urban) in AP

1,93,147	Houses sanctioned under PMAY(U) in 59 ULBs during 2015 - 16
1,20,106	Houses sanctioned under AHP in 38 ULBs
5,786	Houses taken up under HudHud Cyclone Rehabilitation
2,385	Houses completed under HudHud Cyclone Rehabilitation
73,041	Houses sanctioned under BLC in 31 ULBs
37,675	Houses can only be taken up
35,366	Houses sanctioned under BLC being converted to AHP due to non availability of own sites.

About AHP in AP

Proposed unit typologies

Type – I : 300 Sq. Ft SBA

Type – II : 365 Sq. Ft. SBA

Type – III : 430 Sq. Ft. SBA

Proposed housing development model

G+3 model

for all locations on the lines of Jakkampudi model.

Proposed project completion

15 months

(for all sanctioned houses)

Salient features of Dwelling Unit

* Vitrified tile flooring, ceramic flooring and dadoing in bathrooms, 2-track windows, emulsion paints

* Tender called for 1,20,826 houses

- Both physical and social infrastructure - **not included in estimate.**
- **Separate Tender proposed** - for all the locations as per requirement.
- **Rs.75,000/house for external infrastructure** – by Telangana Govt.
- **Shear wall Technology** (Monolithic Concrete construction)- Adopted.

Physical Infrastructure proposed

- Internal Roads
- External Water supply
- External electrification
- External sewerage net work
- Storm water drains
- Street Lighting with LED

Social Infrastructure proposed

- Commercial space,
- Community Hall,
- Primary School & Anganwadi Centre,
- Primary Health Centre,
- Parks and Playgrounds etc

TECHNOLOGY ADOPTED - Highlights

Shear-Wall Technology (Monolithic)

- **Most reliable, known and proven among all approved technologies of construction By BMTPC (Building Materials and Technology Promotion Council, Ministry of Housing and Urban Poverty Alleviation, Gol.**
- **Single LARGEST new Construction Technology adoption in Housing sector ever adopted in India**
- **First of its kind**, adoption of Shear wall technology(Monolithic) in Houses constructed **for EWS** (Economically Weaker Sections) ever adopted in **any developing country of the world**
- Opening and bringing fastest construction Technologies in to the area of Construction sector in the State will lead to **shift towards Technology oriented construction** activities in both public and private sectors in- turn **adds Gross Value Addition to the State GDP**

SHEARWALL TECHNOLOGY (MONOLITHIC)- ADVANTAGES

- **Pre Engineering & customized structure.**
- **Reduction of Foundation loading.**
- **Superior and safer** than conventional technology and many other modern technologies.
- **Stronger** than conventional technology
- **Rapid construction** and early delivery houses to people.(One floor for every week)
- Durability factor (**Durable and reliable structures**)
- **Disaster resistant** – (Providing Disaster resistant structures in Coastal Districts of A.P is required as safety is paramount)

- **Environmental friendly** - less pollution effects on public
- **Increased carpet area** due to compact and thin walls
- **Finishes like high end** due to monolithic construction and provision of superior specifications such as Vitrified flooring, 2-Track Windows, Emulsion paints etc
- **No dependency on brick manufacturing** and avoid delays as well as pollution
- **Easy in handling with Minimum Labour**
- **Earthquake resistant structure**
- **No Plastering is required**

WAY FORWARD



86 ULBs	Plan of Action(PoA) and Annual Implementation Plan(AIP) prepared
Remaining ULBs	Plan of Action(PoA) and Annual Implementation Plan(AIP) by 1 st week of June,2017
Consultants	Provided for each district for PoA & AIP preparation
7,86,882	Beneficiary data uploaded in PMAYMIS website
1.07 lakh houses	Gol agreed to sanction (2017-18) based on beneficiary uploaded in website
1.5 lakh houses	Proposals to be submitted to CSMC for sanctioning in 2017- 18
1.5 lakh houses	Additional construction of houses by private developers in Economic Cities
Oct 2018	Target for completion of Sanctioned houses(1.2 lakh + 0.4 lakh BLC Conversion in to AHP)
Oct 2017	Grounding of 3lakh houses - newly sanctioned + private developers + economic cities

West Godavari Tenders:

- Soils are of Black Cotton soils at Bhimavaram and Palacole.
- Cost of foundation is high due to weak soils.
- Cost of foundation will be high if S+5 proposed
- On an average, Rs.300 more per sq.ft for G+5 than G+3.
- Cost of Units will increase Rs. 90,000 for 300 sq.ft, Rs.1,10,000 for 365 Sq.ft and Rs.1,30,000 for 430 sq. ft
- Approximately 20% increase in cost over G+3
- Project cost will increase about Rs. 230-280 Crores for S+5 than G+3.
- MLA , Palacole is requesting for G+ 3 model.

Statement showing the details of the BLC houses proposed to be transferred to APTIDCO for taking up under AHP

Sl. No	Name of the ULB	Sanctioned by Gol under BLC	No. of houses		15	Chirala	612	To be confirmed by ULB	612
			Transferred to APTIDCO for taking up under AHP	Balance under BLC					
1	2	3	4	5		Prakasam Total	1112	0	1112
1	Bobbili	382	To be confirmed by ULB	382	17	Kavali	1000	439	561
2	Nellimarla	325	To be confirmed by ULB	325	18	Nellore	5240	2949	2291
3	Parvathipuram	836	To be confirmed by ULB	836		SPSR Nellore Total	6240	3388	2852
4	Saluru	588	To be confirmed by ULB	588	19	Chittoor	1453	To be confirmed by ULB	1453
5	Vizianagaram	4510	To be confirmed by ULB	4510	20	Madanapalle	1020	To be confirmed by ULB	1020
	Vizianagaram Total	6641	0	6641	21	Srikalahasthi	517	To be confirmed by ULB	517
6	GVMC	10912	2912	8000	22	Tirupati	2250	To be confirmed by ULB	2250
7	Tuni	4500	2775	1725		Chittor Total	5240	0	5240
8	Upparaguda	598	23	575	23	Kadapa	2234	To be confirmed by ULB	2234
	East Godavari Total	5098	2798	2300	24	Mydukur	500	To be confirmed by ULB	500
9	Eluru	1190	To be confirmed by ULB	1190	25	Rayachoty	639	To be confirmed by ULB	639
10	Palacole	310	To be confirmed by ULB	310		YSR Kadapa Total	3373	0	3373
11	Tadepalligudem	410	To be confirmed by ULB	410	26	Anantapuramu	2000	To be confirmed by ULB	2000
	West Godavari Total	1910	0	1910	27	Kadiri	1000	To be confirmed by ULB	1000
12	Machilipatnam	1850	To be confirmed by ULB	1850	28	Rayadurg	1307	To be confirmed by ULB	1307
13	Vijayawada	10000	10000	To be confirmed by ULB	29	Dharmavaram	1400	To be confirmed by ULB	1400
	Krishna Total	11850	10000	1850	30	Guntakal	2000	To be confirmed by ULB	2000
14	Guntur	11808	9248	2560	31	Hindupur	500	To be confirmed by ULB	500
						Anantapuramu Total	8207	0	8207
					32	Nandyal,Kurnool	650	0	650
						Grand Total	73041	28346	44695

District and ULB wise sanctioned and HFAPoA progress

Sl.No.	Name of the District	Name of the ULB	No.of houses Sanctioned(2015-16)		List of Beneficiaries Submitted	No.of houses Proposed in HFAPoA (2017-18)		Land Availability (2017-18)	Status on HFAPoA
			AHP	BLC		AHP	BLC	AHP	
1	Srikakulam	Srikakulam	1472	0	Submitted	0	0		Submitted
		Amadalavalasa	512	0		0	0	22.0acres	Submitted
		Ichapuram	0	0		0	0		Submitted
		Palasa	192	0		0	0		Submitted
		Rajam	0	0		0	0	30.0acres	Submitted
		Palakonda	0	0		0	0		Submitted
2	Vijayanagaram	Vijayanagaram	4712	4510	Submitted	1570	1503		Submitted
		Bobilli	0	382		826	382	40.0 acres	Submitted
		Parvathipuram	0	836		882	578		Submitted
		Salur	0	588		1088	485	20.0acres	Submitted
		Nellimarla	0	325		750	0	20.0acres	Submitted
3	Visakhapatnam	Visakhapatnam (Corp)	9118	10912		0	0		Pending
		Narsipatnam	0	0		0	0	20.0acres	Pending
		Yelamanchili	0	0		509	653		Submitted
4	East Godavari	Rajamundry (Corp)	4200	0	Submitted	0	0		Pending
		Kakinada (Corp)	4608	0		3370	5864		Submitted
		Amalapuram	1636	0		0	0		Pending
		Tuni	0	4500		0	0		Pending
		Samalkot	1048	0		0	0		Pending
		Ramachandrapuram	1088	0		0	0		Pending
		Pithapuram	874	0		0	0		Pending
		Mandapeta	4064	0		0	0		Pending
		Peddapuram	1724	598		672	0		Submitted
		Mummdivaram	0	0		0	0	5.5 acres	Pending
		Golaprolu	0	0		0	566		Submitted
		yeleswaram	0	0		1410	383		Submitted

5	West Godavari	Eluru (Corp)	360	1190		12000	1431		Submitted
		Bhimavaram	9500	0		0	0		Pending
		Palacole	7159	310		0	0		Pending
		Narasapur	0	0		1755	741		Submitted
		Nidadavolu	0	0		1600	876		Submitted
		Tanuku	0	0		6083	686		Submitted
		Kovvur	0	0		1369	545		Submitted
		Jangareddy gudem	0	0		1400	500		Submitted
		Tadepalligudem	5376	410		0	0		Pending
6	Krishna	Vijayawada (Corp)	0	10000		0	0		Pending
		Machilipatnam	0	1850		1320	194	30.oacres	Submitted
		Gudivada	3312	0	Submitted	2100	1115	32.oacres	Pending
		Jaggaihpeta	0	0		100	2543	14.07acres	Submitted
		Nuzvid	0	0		1000	100	10.oacres	Submitted
		Pedanna	0	0		0	0		Pending
		Tiruvuru	0	0		100	599		Submitted
		Vuyyuru	0	0		2687	164	16.oacres	Submitted
7	Guntur	Nandigama	0	0		0	845		Submitted
		Guntur (Corp)	0	11808		4350	612		Submitted
		Tenali	1152	0	Submitted	1680	719		Submitted
		Narasaraopeta	1504	0		2000	0		Submitted
		Bapatla	0	0		779	0	1.0 acre	Submitted
		Repalle	0	0		1500	350	12.33acres	Submitted
		Chilakurpeta	4512	0		0	0		Submitted
		Ponnur	2368	0		0	72		Submitted
		Mangalagiri	2592	0		2044	25		Submitted
		Tadepalli	0	0		300	0		Submitted
		Satennapalli	640	0		2628	391		Submitted
		Vinukonda	0	0		3642	490	29.oacres	Submitted
Piduguralla	0	0		3641	718	21.oacres	Submitted		
Macheralla	0	0		2052	92		Submitted		

8	Prakasam	Ongole (Corp)	1500	500		1958	236	Submitted
		Chirala	0	612		0	0	Pending
		Markapur	1020	0	Submitted	2903	41	Submitted
		Kandukur	1437	0		3143	61	Submitted
		Chimakurthy	0	0		130	49	Submitted
		Kanigiri	0	0		1300	60	Submitted
		Giddalur	0	0		488	430	Submitted
		Addanki	0	0		1102	218	Submitted
9	SPS Nellore	Nellore (Corp)	4800	5240		0	0	Pending
		Gudur	5103	0	Submitted	751	430	Submitted
		Kavali	3510	1000	Submitted	4000	561	Submitted
		Venkatagiri	0	0		3200	1498	Submitted
		Attamakur	1028	0	Submitted	938	2500	Submitted
		Sullurpeta	0	0		1851	971	Submitted
		Naidupeta	0	0		2742	600	Submitted
10	Chittoor	Chittoor (Corp)	0	1453		5200	1453	Submitted
		Tirupathi (Corp)	0	2250		0	0	Pending
		Madanapalli	0	1020		3773	1020	Submitted
		Srikalahasthi	2916	517		3099	517	Submitted
		Pogganur	0	0		2273	1246	Submitted
		Palamaner	0	0		674	474	Submitted
		Nagari	0	0		826	1422	Submitted
		Puttur	0	0		459	2342	Submitted

11	Ananthapur	Ananthapur (Corp)	0	2000	0	0		Pending
		Hindupur	0	500	0	0	108.0acres	Pending
		Gunthakal	0	2000	0	0		Pending
		Tadipatri	3009	0	3520	0		Submitted
		Dharmavaram	0	1400	8832	2400		Submitted
		Kadiri	0	1000	2599	545		Submitted
		Rayadurg	0	1307	1113	1307		Submitted
		Puttapatri	0	0	1243	1507		Submitted
		Gooty	0	0	398	1159		Submitted
		Madakasira	0	0	0	2116		Submitted
		Pamidi	0	0	2599	545		Submitted
		Kalyanadurgam	0	0	866	1410		Submitted
		12	Kurnool	Kurnool (Corp)	10000	0	0	0
Nandayal	0			650	11505	2182		Submitted
Adhoni	4704			0	0	0		Pending
Yemmiganur	3264			0	2000	1500		Submitted
Dhone	0			0	1950	1500		Submitted
Gudur(K)	0			0	0	1832		Submitted
Nandikotkur	0			0	0	0		Pending
Allagadda	0			0	1939	1340		Submitted
Attamakur	0			0	1000	1489		Submitted
13	YSR Kadapa	Kadapa (Corp)	2092	2234	0	0		Submitted
		Proddatur	2000	0	2150	500		Submitted
		Pullivendula	0	0	2143	2281		Submitted
		Jammalamadugu	0	0	1415	675	7.0acres	Submitted
		Raychoti	0	639	4002	639		Submitted
		Rajampeta	0	0	1279	412	20.0acres	Submitted
		Badvel	0	0	405	1500		Submitted
		Mydukur	0	500	0	500		Submitted
		Yerraguntla	0	0	2046	643		Submitted
		Total	120106	73041	161021	68333		

Tenders Particulars

S.NO	Districts	ULBs	No. of houses	Average rate as per conventional construction sft rate in Rs.	Average rate as per Monolithic concrete construction sft rate in Rs.	Difference in cost SFT rate in Rs.
1	3	4	5	6	7	8
1	West Godavari	Palakol, Bhimavaram and Tadepalli gudem	22035	1410	1599	189
2	East Godavari	Rajamahendravaram, Kakindada, Mandapeta, Peddapuram, Amalapuram, Pithapuram, Samalkota and Ramachandrapuram	19242	1416	1614	198
3	Guntur	Chilakaluripet, Guntur, Ponnuru, Sattenapalli and Tenali	15302	1352	1562	210
4	Krishna	Gudiwada	3312	1414	1609	195
5	Kurnool	Kurnool, Yemmiganur and Adoni	17968	1346	1543	197
6	Nellore	Nellore, Guduru, Kavali and Atmakur	14441	1369	1569	200
7	Ananthapuram	Tadipatri	3009	1315	1500	185
8	Y.S.R. Kadapa	Proddutur	2000	1330	1528	198
9	Srikakulam, Vizianagaram and Visakhapatnam	Srikakulam, Vizianagaram, Anakapalli and Visakhapatnam	9560	1325	1518	193
10	Prakasam	Ongole, Markapuram and Kandukur	3957	1290	1485	195
11	Kurnool	Nandyal ULB	10000	1410	1616	206
		Total	120826			