



SHELF OF PROJECTS FOR SETTING UP OF UMREPPs IN ANDHRA PRADESH UNDER RE EXPORT POLICY-2020

A. Solar Power Projects	-	7 Locations
B. Wind Power Projects	-	7 Locations
C. Pumped Storage Hydro Projects	-	29 Locations

SHELF OF PROJECTS (IDENTIFIED FOR RE EXPORT POLICY)

1. PROJECT DETAILS

SI No	Site Name	District	Mandal	Village	Capacity	Wind Possibility
1	Kadiri	Anantapuramu	Talupula & Nambulapulakunta	Talupula + 6 Villages	4,000 MW	YES
		YSR Kadapa	Chakrayapeta	Kallurupalle		
2	Obuladevucheruvu (ODC)	Anantapuramu	Nallamada, O.D.Chervu & Amadaguru	Reddipalli +13 Villages	2,400 MW	YES
3	Ralla Anantapur	Anantapuramu	Kambaduru	Ramapuram + 5 Villages	2,400 MW	YES
4	Badvel	YSR Kadapa	Bhamhamgari Matam, B Koduru & Badvel	Pallugurallapalli + 11 Villages	1,400 MW	YES
5	Kalasapadu	YSR Kadapa	Kalasapadu, Sri Avaduta Kasinayana	Kothakota + 9 Villages	2,000 MW	YES
6	Owk	Kurnool & Anantapuramu	Peapully, Owk & Kolimigundla	Racharla + 6 Villages	2,400 MW	YES
			Yadiki	Gudipadu		
7	Kolimigundla	Kurnool	Kolimigundla & Sanjamala	Boyala Tadipatri + 14 Villages	3,200 MW	YES
		YSR Kadapa	Mylavaram & Peddamudiyam	A Kambaladinne + 5 Villages		
TOTAL					17,800 MW	

2. EVACUATION FEASIBILITY

A. Existing (Evacuation Already Available)

Name of the station	Existing/UC MVA Capacity	Additional Margin on existing/UC System (MW)	
		220rKV	400KV
NP Kunta 400/220KV	4X500MVA, 400/220KV	500	0
Kurnool (New) 765/400KV	2X1500MVA, 765/400KV	0	1,000
Pavgada 400/220KV	5X500MVA, 400/220KV	350	0
Raichur (New) 765/400KV	2X1500MVA, 765/400KV	0	700

B. New CTU Sub-stations (Planned)

1. 5.5 GW at Kurnool
2. 2.5 GW at Ananthapur

C. Up Coming Sub-Stations (Proposed)

1. Obuladevaracheruvu (ODC)
2. Kadiri
3. Badvel



LIST OF SITES IDENTIFIED FOR PUMPED STORAGE HYDRO POWER PROJECTS

S. No	Location	District	Rated Head(M)	Estimated Installed Capacity (MW)
1	Gandikota	Kadapa	269.87 m	1000
2	Owk	Kurnool	164.35 m	800
3	Somasila	Nellore	511.51 m	900
4	Chitravathi	Ananthapuramu	179.83 m	500
5	Yerravaram	Visakhapatnam	218.71	1000
6	Kurukurti	Vizianagaram	566.00	1200
7	Karrivalasa	Vizianagaram	488.00	1000
8	Baddumasingi	Srikakulam	268.67	1200
9	Lambasingi	Visakhapatnam	382.99	1500
10	Gathapanuku	Visakhapatnam	280.45	1500
11	Kadapayapalle	Kadapa	262.80	1000
12	Vongimalla	Kadapa	249.33	1000
13	Chintarajupalle	Kadapa	344.85	1000
14	Duggeru	Vizianagaram	457.25	2000
15	Peda Rabha	Visakhapatnam	524.00	1000
16	Chittamvalasa	Visakhapatnam	146.71	500
17	Pedakota	Visakhapatnam	364.27	1800
18	Sirijam	Visakhapatnam	312.09	1500
19	Varukaru	Visakhapatnam	492.41	2000
20	Tatiparthi	Visakhapatnam	290.01	1600
21	Z Kothapatnam	Visakhapatnam	304.34	1500
22	Chimalabayalu	Visakhapatnam	179.33	1000
23	Palamamidi	Visakhapatnam	217.17	1000
24	Thotaluru	Visakhapatnam	411.00	1500
25	Krishnadevipeta	Visakhapatnam	277.00	1500
26	Aguru	Vizianagaram	688.00	1350
27	Gujjili	Vizianagaram	686.00	1350
28	Pachipenta	Vizianagaram	304.00	370
29	Adaripadu	Vizianagaram	316.00	430
Total				34,000



LIST OF PUMPED STORAGE HYDRO POWER PROJECTS IDENTIFIED UNDER PHASE-II

S. No	Location	District	Rated Head(M)	Estimated Installed Capacity (MW)
1	YSR Kadapa	Paidipalem North	272.62	1,000
2	YSR Kadapa	Paidipalem East	285.24	1,250
3	Anantapuramu	Singanamala	139.08	800
4	Vizianagaram	Kurukutti - Stage II		600
Total				3,650