



**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	4000 MW	YES
		YSR Kadapa	Chakrayapeta	Kallurupalle		
2	Obuladevucheruvu(ODC)	Anantapuramu	Nallamada, O.D.Chervu & Amadaguru	Reddipalli +13 Villages	2400 MW	YES
3	Ralla Anantapur	Anantapuramu	Kambaduru	Ramapuram + 5 Villages	2400 MW	YES
4	Badvel	YSR Kadapa	Bhamhamgari Matam, B Koduru & Badvel	Pallugurallapalli + 11 Villages	1400 MW	YES
5	Kalasapadu	YSR Kadapa	Kalasapadu, Sri Avaduta Kasinayana	Kothakota + 9 Villages	2000 MW	YES
6	Owk	Kurnool & Anantapuramu	Peapully, Owk & Kolimigundla	Racharla + 6 Villages	2400 MW	YES
			Yadiki	Gudipadu		
7	Kolimigundla	Kurnool	Kolimigundla & Sanjamala	Boyala Tadipatri + 14 Villages	3200 MW	YES
		YSR Kadapa	Mylavaram & Peddamudiyam	A Kambaladinne + 5 Villages		
<b>TOTAL</b>					<b>17800 MW</b>	

**2. EVACUATION FEASIBILITY**

**A. Existing (Evacuation Already Available)**

Name of the station	Existing/UC MVA Capacity	Additional Margin on existing/UC System (MW)	
		220KV	400KV
NP Kunta 400/220KV	4X500MVA, 400/220KV	500	0
Kurnool (New) 765/400KV	2X1500MVA, 765/400KV	0	1000
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. Badve



## PUMPED STORAGE HYDRO POWER PROJECTS

S.No	Location	District	Estimated Capacity (in MW)	Feasibility Report & DPR Works awarded to
1	Gandikota	YSR Kadapa	600	WAPCOS Limited
2	Chitravathi	Ananthapuramu	500	Aarvee Associates
3	Somasila	Nellore	1200	SMEC (India) Pvt Ltd
4	Owk	Kurnool	800	WAPCOS Limited
5	Kurukutti	Vizianagaram	1200	TCE Limited
6	Karrivalasa	Vizianagaram	1000	TCE Limited
7	Yerravaram	Visakhapatnam	1000	Aarvee Associates