

## The list of upcoming projects in Odisha including projects in Kalahandi

## a) Hydro Power projects with more than 25MW capacity:

S. No.	Name of the Projects	Capacity (MW)	District
1.	Balimela	510.00	Malkangiri
2.	Hirakud (Burla)	287.80	Sambalpur
3.	Hirakud (Chiplima)	72.00	Sambalpur
4.	Rengali	250.00	Angul
5.	<b>Upper Indravati</b>	<b>600.00</b>	<b>Kalahandi</b>
6.	Upper Kolab	320.00	Koraput
7.	Machkund	114.75	Koraput
8.	Bhinkund	30.00	Keonjhar
9.	Baljori	230.00	Keonjhar
10.	Lodani	64.00	Sundergarh
11.	Tikkarpara	220.00	Angul
12.	Salki	70.00	Boudh
13.	Kharag	63.00	Kandhmal
<b>Total</b>		<b>2831.55</b>	

## b) Pumped Storage projects:

S. No.	Name of the Projects	Capacity (MW)	District
1.	<b>Upper Indravati</b>	<b>600.00</b>	<b>Kalahandi</b>
2.	Balimela	500.00	Malkangiri
3.	Upper Kolab	600.00	Koraput
4.	<b>Greenko OD01</b>	<b>1200.00</b>	<b>Kalahandi</b>

5.	Ramial Left	1500.00	Keonjhar
6.	Tainsar	675.00	Deogarh
<b>Total</b>		<b>5075.00</b>	

**c) Small Hydro Power projects (up to 25MW capacity):**

S. No.	Name of the projects	Capacity (MW)	District
1.	Dumajorhi SHP	15.00	Koraput
2.	Kharagpur SHP	16.50	Koraput
3.	Shaheed Lakhman Nayak SHP	25.00	Koraput
<b>Total</b>		<b>56.50</b>	

**d) Biomass Power Projects:**

S. No.	Name of the Project	Capacity (MTPH)	Type of output	District
1.	Goodlife Biotech	2.00	Briquette	Baleshwar
<b>Total</b>		<b>2.00</b>		

**e) Development of Solar Parks and Ultra-mega Solar Power Projects:**

As on date, one Solar Park of 40 MW has been sanctioned under the scheme for "Development of Solar Parks and Ultra Mega Solar Power Projects," which is being developed by NHPC, in Ganjam district of Odisha.

**Annexure-II**

**Incentives being provided as Central Financial Assistance (CFA) for the implementation of major Renewable Energy Schemes/Programmes**

Scheme/Programme	Incentives presently available as per the Scheme
a) PM-Surya Ghar: Muft Bijli Yojana for installing rooftop solar for 1 Crore households.	The details of the CFA pattern for the component "CFA to Residential Consumers" under this scheme are as follows:

S. No.	Type of Residential Segment	CFA	CFA (Special Category States/UTs)
1.	Residential Sector (first 2kWp of Rooftop Solar (RTS) capacity or part thereof)	Rs. 30,000/kWp	Rs. 33,000/kWp
2.	Residential Sector (with additional RTS capacity of 1kWp or part thereof)	Rs. 18,000/kWp	Rs. 19,800/kWp
3.	Residential Sector (additional RTS capacity beyond 3kWp)	No additional CFA	No additional CFA
4.	Group Housing Societies/ Residential Welfare Associations (GHS/RWA) etc. for common facilities including EV charging up to 500kWp (@3 kWp per house)	Rs. 18,000/kWp	Rs. 19,800/kWp

b) Central Public Sector Undertaking (CPSU) Scheme Phase-II (Government Producer Scheme) for setting up grid-connected Solar Photovoltaic (PV) Power projects by Government Producers using domestically manufactured solar PV cells and modules, with Viability Gap Funding (VGF) support, for self-use or use by Government/ Government entities, either directly or through Distribution Companies

Viability Gap Funding (VGF) support up to Rs. 55 Lakh per MW to the CPSUs/Govt. Organizations entities selected through competitive bidding process.

c) Production Linked Incentive scheme 'National Programme on High Efficiency Solar PV Modules' for achieving manufacturing capacity of Giga Watt (GW) scale in High Efficiency Solar PV modules (Tranche – I & II)

The beneficiaries are eligible for Production Linked Incentive (PLI) on production and sale of solar PV modules. The quantum of PLI eligible for disbursement depends upon:

- i. Quantum of sales of solar PV modules;
- ii. Performance parameters (efficiency and temperature coefficient of maximum power) of solar PV modules sold; and
- iii. Percentage of local value addition in modules sold.

<p>d) Scheme for Development of Solar Parks and Ultra-mega Solar Power Projects with a target of setting up 40,000 MW capacity. Under the scheme, the infrastructure such as land, roads, power evacuation system, water facilities are developed with all statutory clearances/approvals.</p>	<p>(a) Up to Rs. 25 lakhs per Solar Park, for preparation of Detailed Project Report (DPR).  (b) Rs. 20 lakh per MW or 30% of the project cost, whichever is lower, for development of infrastructure.</p>
<p>e) PM-KUSUM Scheme to promote small Grid Connected Solar Energy Power Plants, stand-alone solar powered agricultural pumps and solarization of existing grid connected agricultural pumps.</p>	<p><b>Component A:</b> Setting up of 10,000 MW of Decentralized Ground/Stilt Mounted Solar Power Plants</p> <p>Benefits available: Procurement Based Incentive (PBI) to the DISCOMs @ 40 paise/kWh or Rs. 6.60 lakhs/MW/year, whichever is lower, for buying solar power under this scheme. The PBI is given to the DISCOMs for a period of five years from the Commercial Operation Date of the plant. Therefore, the total PBI payable to DISCOMs is up to Rs. 33 Lakh per MW.</p> <p><b>Component B:</b> Installation of 14 Lakh Stand-alone Solar Pumps</p> <p>Benefits available: CFA of 30% of the benchmark cost or the tender cost, whichever is lower, of the stand-alone solar agriculture pump is provided. However, in North Eastern States, Sikkim, Jammu &amp; Kashmir, Ladakh, Himachal Pradesh, Uttarakhand, Lakshadweep and A&amp;N Islands, CFA of 50% of the benchmark cost or the tender cost, whichever is lower, of the stand-alone solar pump is provided. Component B can also be implemented without State share of 30%. The Central Financial Assistance will continue to remain 30% and rest 70% will be borne by the farmer.</p> <p><b>Component C:</b> Solarization of 35 Lakh Grid Connected Agriculture Pumps including through Feeder Level Solarization</p> <p>Benefits available:</p> <p>(a) Individual Pump Solarization (IPS): CFA of 30% of the benchmark cost or the tender cost, whichever is lower, of the solar PV component will be provided. However, in North Eastern States, Sikkim, Jammu &amp; Kashmir, Ladakh, Himachal Pradesh, Uttarakhand, Lakshadweep and A&amp;N Islands, CFA of 50% of the benchmark cost or the tender cost, whichever is lower, of the solar PV component is provided. Component C (IPS) can also be implemented without State share of 30%. The Central Financial Assistance will continue to remain 30% and rest 70% will be borne by the farmer.</p> <p>(b) Feeder Level Solarization (FLS): Agriculture feeders can be solarized by the State Government in CAPEX or RESCO mode with CFA of Rs. 1.05 Crore per MW as provided by MNRE. However, in North Eastern States, Sikkim, Jammu &amp; Kashmir, Ladakh, Himachal Pradesh, Uttarakhand, Lakshadweep and Andaman &amp; Nicobar Islands, CFA of Rs. 1.75 Crore per MW is provided.</p>