

**Operational Guidelines For On-Grid Solar And Hybrid Power
Projects Of One (1) MW And Above Capacity**



**DEPARTMENT OF ENERGY
GOVERNMENT OF ODISHA
Bhubaneswar-751001**

OPERATIONAL GUIDELINES FOR ALL ON-GRID SOLAR AND HYBRID POWER PROJECTS OF ONE (1) MW AND ABOVE CAPACITY UNDER ODISHA RENEWABLE ENERGY POLICY, 2016

[See Section-B, Clause-3 and Section-D, Clause-9 & 12 of Renewable Energy Policy, 2016]

- 1. Disclaimer:** These Operational Guidelines follow the Odisha Renewable Energy Policy, 2016 to facilitate its implementation. These guidelines are subject to updating and modification periodically or as per necessity. Any shortcomings or suggestion may be brought to the notice of the issuing authority.
- 2. Preamble** The Government of Odisha in the Department of Energy has notified the Odisha Renewable Energy Policy, 2016 vide Resolution No. 8646-OHPC-21/2016 dated 25.11.2016 with broad objectives of long-term energy security by creating an environment conducive to public private participation and investment in Renewable Energy Projects. The Policy also provides various incentives and support measures including, inter alia, provision for allotment of land, interconnection arrangements, methodology for allocation of projects, transmission and sale of power, concessions in taxes and duties and exemptions from various charges etc. The policy itself has been prepared in a comprehensive manner, however with a view to fill-in the gaps and better understanding of the investors regarding the policy provisions, Operational Guidelines are hereby notified for implementation of On-Grid Solar and Hybrid power projects of one (1) MW and above capacity under Odisha Renewable Energy Policy, 2016.
- 3. Short Title** :Operational Guidelines for On-Grid Solar and Hybrid power projects of one (1) MW and above capacity under provisions of Section-B, Clause-3 and Section-D, Clause-9 & 12 of the Odisha Renewable Energy Policy, 2016.
- 4. Extent** : It shall extend to the whole of the State of Odisha.

5. **Commencement** It shall come into force from the 'Effective Date 'of Odisha Renewable Energy Policy, 2016 i.e. 25.11.2016.
6. **Terms & Expressions** :Terms and expressions used in this Guidelines but not specifically defined here, shall have the same meaning as in Odisha Renewable Energy Policy, 2016.[These Operational Guidelines will form an integral part of the Odisha Renewable Energy Policy, 2016.]
7. **Policy Provisions** :Section-B, Clause-3 and Section-D, Clause-9 & 12 of Odisha Renewable Energy Policy, 2016.
8. **Nodal Agency:** Green Energy Development Corporation of Odisha Ltd. (GEDCOL) shall act as the Nodal Agency for development of all On-Grid Solar and Hybrid power projects of one (1) MW and above capacity as per the Clause-9 of Section-D of Odisha Renewable Energy Policy, 2016.
9. **STC** :State Technical Committee (STC) constituted concerning the renewable energy projects coming within the purview of GEDCOL as the Nodal Agency vide Notification No. 9107/En.-OHPC-21/2016 dated 09.12.2016 in pursuance to Para 10.2.2 (a) of the Department of Energy Resolution No. 8646-OHPC-21/2016 dated 25.11.2016.
10. **OREEC** :Odisha Renewable Energy Empowered Committee (OREEC) constituted under the Chairmanship of Chief Secretary, Government of Odisha vide Notification No. 62/En.-OHPC-21/2016 dated 04.01.2017 in pursuance to Para 10.1 of the Department of Energy Resolution No. 8646-OHPC-21/2016 dated 25.11.2016.

11. Implementation:

a) Grid connected Land based Solar Projects under Clause 3.1 of RE Policy.

- i) The Nodal Agency, GEDCOL will facilitate the implementation of land based solar projects.
- ii) Applications/Proposals will be submitted to the Nodal Agency along with the requisite processing fees in the Combined Application Form prescribed at Annexure-I. The Application format is also made available on the official website of the Nodal Agency.
- iii) Applications can also be routed through IPICOL in their e-Biz web portal and/or CAF application i.e. both online & offline mode of application. IPICOL will forward the applications to the Nodal Agency within 7 days of receipt of application along with the processing fees.
- iv) The Nodal Agency will scrutinise the proposals within 15 days and suitable proposals will be processed for placing before the STC for deliberation and recommendation within next 30 days.
- v) Nodal Agency will convene the meeting of STC and recommendations of STC will be communicated to the Unit and other facilitating agencies like IDCO, IPICOL, OPTCL, GRIDCO, EIC (Electricity) etc. within 15 days of such STC meeting.
- vi) In case of applications forwarded by IPICOL, recommendations of the STC will be reverted to IPICOL within the specified time-frame for necessary proceedings at their end.
- vii) Nodal Agency will also communicate to the respective agencies for necessary facilitation regarding power evacuation, energy sale, water and communication (e.g. Road & Telephone etc.) requirements etc.
- viii) In case, the Developer has opted for Government/IDCO land, the Nodal Agency will recommend the case of the Applicant to IDCO for further necessary action.
- ix) The time-frame from receipt of application complete in all respects by GEDCOL till communication of the recommendation of STC to the concerned Unit, IDCO & other agencies is stipulated as 60 days.

b) Grid connected Private Solar Parks under Clause 3.4 (b) of RE Policy.

- i) The private Solar Park developer will make an application to GEDCOL for setting up Solar Park in the Combined Application Form given at Annexure-I.

- ii) Applications routed through IPICOL in their e-Biz web portal and/or CAF application, will be forwarded to the Nodal Agency within 7 days of receipt of application along with the processing fees.
- iii) GEDCOL will scrutinise the proposal and will place before STC for deliberation and recommendation.
- iv) After clearance of STC, GEDCOL will give in-principle approval for setting up of the project.
- v) The time-frame from receipt of application by GEDCOL till communication of the recommendation of STC to IDCO & other agencies including the Developer is stipulated as 60 days.
- vi) In case of applications forwarded by IPICOL, recommendations of the STC will be reverted to IPICOL within the specified time-frame for necessary proceedings at their end.

c) Projects on consumer side of the meter under Clause 3.3 of RE Policy.

The eligible consumers shall apply to the Nodal Agency (in the CAF at Annexure-I), GEDCOL for implementation of projects on consumer side of the meter of one (1) MW and above capacity along with application to the Distribution Utility for Standard Connection Agreement. GEDCOL will scrutinise the proposals and place before STC for deliberation and recommendation. The Connection Agreement (Standard Net-metering Agreement) will be executed between the Distribution Utility and the respective eligible consumer.

12. Extension of incentives under Odisha Renewable Energy Policy, 2016:

- (a) The incentives, concessions & exemptions including grant of priority sector status under Odisha Renewable Energy Policy, 2016 etc. which are linked with the Industrial Policy Resolution, 2015 will be applied for and processed as per the IPR-2015 and Operational Guidelines issued for the IPR-2015 in respect of their eligibility, time frame, procedure and format of application. In case of any dispute regarding eligibility or any other feature, the provisions of the Odisha Renewable Energy Policy, 2016 will prevail. Such applications shall be made to the Nodal Agency and the Nodal Agency will forward all such applications along with STC recommendations to the respective agencies for necessary processing at their end. The Nodal Agency will also coordinate with the respective agencies for grant of incentives & exemptions etc., as applicable.
- (b) The testing and supervision charges of EIC, OPTCL/Distribution Utilities will be waived by the respective agency based on the recommendation of STC

in line with the provisions of the Odisha Renewable Energy Policy, 2016 as per following procedure;

- i) Such applications shall be made to the Nodal Agency and the Nodal Agency will forward all such applications along with STC recommendations to the respective agencies for necessary processing at their end.
- ii) The eligible units shall submit its claim application complete in all respect in the prescribed form appended to this Operational Guidelines at Annexure-II along with copies of all relevant documents as per the checklist at Annexure-III, to the Nodal Agency in duplicate, within one year from the date of starting first fixed capital investment after the effective date of Odisha Renewable Energy Policy, 2016.
- iii) Copies of the documents as indicated in the checklist shall be self-certified by the Proprietor/Managing Partner/Managing Director/Authorised Signatory, as the case may be.
- iv) The Nodal Agency shall examine & scrutinise all such applications to determine the date of first fixed capital investment, entitlement for waiver of testing charges of EIC and supervision charges of OPTCL and/or Distribution Utility(ies)and will place before STC for deliberation and recommendation.
- v) The time-frame from receipt of application by GEDCOL till communication of the recommendation of STC is stipulated as 60 days.
- vi) Application received after the due date / incomplete applications in any respect shall be liable to be summarily rejected.

13. Miscellaneous:

- i) Authorities of Nodal Agency/Electrical authority(s)/Directorate of Industries, Odisha/RIC/DIC may inspect the unit individually/jointly, if felt necessary.
- ii) The unit shall furnish information, reports etc. to the Nodal Agency concerned as and when required.
- iii) The amount of exemption/incentive/concession allowed shall be recoverable with penal interest as decided by the Government, not limited to but including the following events;
 - a) If the information furnished is found to be false/ incorrect / misleading or misrepresented and there has been suppression of facts / materials or allowed in excess of the amount actually admissible for whatsoever reason.
 - b) If the Unit fails to commence production within three years for Micro, Small & Medium Enterprises / five years for Large Industries for new

industrial units from the date of starting first fixed capital investment after the 'Effective Date' of the Odisha Renewable Energy Policy, 2016.

- iv)** The delay, if any, in implementation of the project beyond the control of the entrepreneur may be condoned on a case to case basis by the OREEC based on recommendation of STC.
- v)** The unit who has availed incentives will not be allowed to shift its' location without prior approval of the Nodal Agency.
- vi)** The time limit prescribed in this guideline, if any, is of working days only, as applicable to the State of Odisha.
- vii)** In case of rejection of applications/proposals the reasons of rejection shall be communicated to the applicant unit by the concerned authority as early as possible or within a maximum period of 90days of receipt of application.
- viii)** The STC shall clarify doubts, if any, which may arise in connection with the provisions of this Operational Guideline. The STC may at its judgment place any matter of importance to the OREEC for resolution.

COMBINED APPLICATION FORM FOR ESTABLISHMENT OF SOLAR POWER PLANT.

1. The format is to be used for submission to the Green Energy Development Corporation of Odisha Ltd., for assistance to set up Solar Power Plant. /Park
2. The application should be submitted to the GEDCOL along with a crossed demand draft for Rs. 100, 000/- drawn in favour of the "GEDCOL " payable at the State Bank of India, Bhubaneswar.

For Office use only.

Serial Number : _____

Date : _____

Details Bank Draft

Amount : _____

Draft No. : _____

Draft Date. : _____

Drawn on : _____

Payable at : _____

PART-A

GENERAL INFORMATION

1. Name of the Unit : _____

2. Address for Communication : _____

_____ PIN : _____
FAX : _____ E-Mail: _____ Phone: _____

3. Location of the Unit:-

Place/ Town : _____

Tahasil : _____

District : _____

4. Type of organization (Proprietary-1, Partnership-2, Companies registered under company Act-1956/2013-3, Co-operative-4, Others-5, Please specify : _____

5. Investment in Fixed Asset (Rs. in Lakh)

i. Land : _____

ii. Building : _____

iii. *Plant and Machinery (Details to be attached) : _____

a. Indigenous : _____

b. Imported : _____

Sub Total : _____

iv. Other Fixed Assets : _____

Total: _____

v. Total Estimated Cost. _____

6. Employment:

i. Management & office Staff : _____

ii. Supervisory & Workers : _____

7. Date of Commencement of Production (expected) : _____

Details of Plant & Machinery (to be attached if required)

Sl No.	Name of the Machinery	Value (Rs. In Lakh)
Sub Total		

Sl No.	Name of the Machinery	Value (Rs. In Lakh)
Sub Total		

Total : _____

Place :

Date :

Signature of Applicant
(Authorized person)

PART-B,

Information on Infrastructure Required.

1. Extent of Land required (acre)

	<u>Existing</u>	<u>Proposed</u>
a. Own	: _____	_____
b. IDCO Land	: _____	_____
c. Government land	: _____	_____
d. Acquisition of private Agriculture Land	: _____	_____
e. Acquisition of private Industrial Land	: _____	_____
f. Land taken on Rent/ Lease	: _____	_____
g. Any other category of Land	: _____	_____

(Forest Land, Schedule area etc, Including unidentified land, please specify)

TOTAL : _____

* In case of conversion of agricultural land for industrial purpose, is the applicant entitled for exemption of premium

a. Built up Area	: _____	_____
b. Open Area	: _____	_____

2. Power (in KVA/ KW)

a. Source of Power

	<u>Single phase-1/ Three Phase-2</u> <input type="checkbox"/>	<u>Single phase-1/ Three Phase-2</u> <input type="checkbox"/>
i. Electricity Company (DISCOM):	_____	_____
ii. Others	: _____	_____
iii. Own Generation	: _____	_____
iv. DG Set	: _____	_____
TOTAL	: _____	_____

b. In case of Electricity Company Consumer No. _____

Name of Discom. _____ If addition to existing supply.

c. Purpose (Commercial/industrial/Water supply / Temporary). _____

3. Evacuation of Generated Power.

- Installed Capacity (Peak) : _____ in MW
- Energy proposed to be generated : _____ in MU
- Generating sub-station capacity: _____
- Voltage of transmission: _____
- Transmission line length in circuit, Kms. : _____
- Name and location of the sub-station of STU for grid connectivity. : _____
- Whether permission for connectivity obtained from STU/CTU (if Yes please enclose): _____

4. Sale of Energy.

Developer's proposal for sale of energy (please tick one)

- GRIDCO/DISCOM through PPA
- REC mechanism
- Through open access
- Through mutual Tariff agreement as IPP
- For captive consumption as CPP

(Enclose a copy of PPA if obtained)

5. Water

a. Requirement (in K.Ltrs per day)	<u>Existing</u>	<u>Proposed</u>
i. Industrial Use	: _____	_____
ii. Domestic Use	: _____	_____
iii. Others	: _____	_____
TOTAL	: _____	_____

b. Source of water supply

- i. : _____
- ii. : _____
- iii. : _____

c. Plot no. Khata No. & Mouza (incase of ground water)

d. Particulars of land (for lying of pipeline)

6. Communication

- a. Roadways to be used
- b.
 - i. Distance from Railhead (to be used).
 - ii. Details of Rail sidings (if required)
- c. Port to be used
- d. Airport to be used.

7. Details of Application Fees remitted.

Amount. : _____
Draft No. : _____
Draft Date. : _____
Drawn on : _____
Payable at : _____

Place :

Date :

Signature of Proprietor/Managing
Partner/Managing Director / Authorised Signatory
in full

On behalf of M/s _____

Financial Details

1.
 - I. Service Tax Regd. No. _____ (Please enclose a copy)
 - II. IT PAN No. _____ (Please enclose a copy)
 - III. Whether Income Tax Assessee. _____
(If yes, please state the year up to which assessment made (Copies of IT returns for the last years to be submitted))
 - IV. If answer to III is No, whether the promoter is an assessee. _____
2. **Name and Address of the Authorized person.**
 - I. Name. _____
 - II. Contract No. _____
 - III. E-Mail address. _____
3. **Present Activity / Business carried on by the Applicant / Organization.** _____
4. **Give details of the Turn over of the organization in last 3 years.** _____
(Copies of the P&L A/C & Annual Report to be enclosed)
5. **Do you propose to set up the plant in the name of existing company or SPV or propose same sister concern.** _____
6. **Financing plan.** _____
7. **Preliminary Report.** _____
(Submit Copy)

Signature

Date :

Place :

APPLICATION FOR WAIVER FROM PAYMENT OF TESTING CHARGES OF ENGINEER-IN-CHIEF-CUM-PCEI, ELECTRICITY, ODISHA / SUPERVISION CHARGES OF OPTCL / DISTRIBUTION UTILITY(IES)

(Clause-12.5 (b) of Odisha Renewable Energy Policy, 2016)

Application received after the due date / incomplete in any respect shall be liable for rejection

(Strike out whichever is not applicable)

M/s. : _____
 AT. : _____
 PO. : _____
 Sub-Division : _____
 District : _____
 (Location of the Unit)

To,
 The General Manager
 Green Energy Development Corporation of Odisha Ltd.

Sub.: Waiver from payment of testing charges of the EIC-cum-PCEI, Electricity, Odisha/supervision charges of OPTCL/Distribution Utility (Name of Utility) under the provisions of Odisha Renewable Energy Policy, 2016

Sir,

In accordance with the provisions laid down in Odisha Renewable Energy Policy, 2016 and its Operational Guidelines notified by Energy Department, Government of Odisha, the claim for waiver of testing charges of EIC-cum-PCEI, Electricity, Odisha / supervision charges of OPTCL/Distribution Utility (Name of Utility) is submitted herewith for the eligible period with following particulars.

1	Category of the Unit (New Micro/Small/Medium Enterprises /Large Industries as per IPR-2015)	:	
2	Address of Registered Office	:	
3	Type of Organization (Proprietorship/Partnership//Co-operative/Private Limited/Public Limited)	:	
4	Name of Proprietor/Managing Partner/Managing Director/Authorized	:	

	Signatory	:										
5	Date of first fixed capital investment i.e. land/building/plant & machinery and equipment	:										
6	EM-II/IEM & Production Certificate/ IL No. and Date	:										
7	Items of Production/Manufacture/Activity	:	<table border="1"> <thead> <tr> <th>Item</th> <th>Quantity</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Item	Quantity	Value						
Item	Quantity	Value										
8	Date of starting production	:										
9	Date of power supply for production	:										
10	Consumer No. of the Industry/Unit	:										
11	Connected Load/Contract Demand (in KVA/MVA)	:										
12	Total Capital Investment (Head wise) a) b) c) d)	:										
12	Employment generated	:										
13	Whether, waiver of testing charges/supervision charges has been availed earlier (Yes/No) under any scheme of the State Govt./Central Govt./Govt. Agencies/Financial Institutions etc. If yes, furnish details	:										
14	Details of equipment/investment/capital cost/approved estimate and extent of waiver of testing charges/supervision charges claimed	:										
15	A/c No. of the Unit	:										
16	Name of Bank Branch with IFSC code and MICR No.	:										

I, Sri _____, S/o _____, at present _____ (Designation) of M/s _____ (Name of the Unit) certify that the information furnished as above is true and correct to the best of my knowledge and belief.

I hereby undertake to abide by the terms & conditions prescribed under the provisions of Odisha Renewable Energy Policy, 2016 and its Operational Guidelines.

I hereby further undertake to furnish information, reports, periodical statements etc. to the Nodal Agency, as and when required.

Copies of relevant documents in support of information/facts furnished above are enclosed herewith.

Enclosure:

- 1)
- 2)

Signature of the Proprietor/Managing
Partner/Managing
Director/Authorized Signatory in full
and on behalf of M/s

Date:

Place:

CHECK LIST

Copies of documents to be attached with the application shall be self-attested by the Proprietor/Managing Partner/Managing Director/Authorised Signatory
(Strike out whichever is not applicable)

1	Entrepreneurs Memorandum-II/Industrial Entrepreneur Memorandum (IEM)/Industrial License (IL)
2	Power of Attorney/Board Resolution/Society Resolution, as applicable, while signing as Managing Partner/Managing Director/Authorised Signatory
3	Certificate of registration under Indian Partnership Act-1932/Societies Registration Act-1860/Certificate of incorporation (Memorandum of Association and Article of Association) under Company Act-1956.
4	Document in support of date of first investment in fixed capital of the Unit i.e. land building/ plant and machinery and equipment.
5	Certificate on date of production in case of Large Industries.
6	Certified copy of the agreement indicating contract demand executed with Power Distribution Utility for supply of power for production.
7	Certificate in support of date of power supply indicating connected load for production with Consumer No. of the Unit from appropriate authority of Power Distribution Utility.
8	Details of testing charges/supervision charges waiver availed earlier, if any.
9	Valid Statutory clearances of OSPCB for Biomass and Waste to Energy projects
10	Document in support of delay in implementation condoned by Empowered Committee.
11	Last month Electricity Bill with payment voucher.
12	Details of location of the Captive Power Plant.
13	Document in support of date of first fixed capital investment of setting of Captive Power Plant.
14	(A) Copy of approval letter of concerned A.E.I(G)/E.E(P)-cum-DEI(G)/S.E(P)-cum-E.I(G)/Chief Engineer(P)-cum-CEI(G) under Rule 47A of I.E Rule-1956 for CPP. (B) Date of commissioning of CPP declared by the concerned SE-cum-EI(G)
15	Quantum of power of CPP used for self-consumption from appropriate Electrical Authority.

