

Gujarat Energy Development Agency

4th Floor, Block No. 11/12, Udyog Bhavan
Sector-11, Gandhinagar 382 017

Executive Procedure/Instructions/Guidelines/Terms & Conditions for setting up of Off Grid Solar / Wind / Wind-Solar Hybrid with or without storage.

Energy & Petrochemicals Department, Government of Gujarat vide G.R. No. REN/e-file/20/2023/0476/B1 dated 04/10/2023 announced the Gujarat Renewable Energy Policy – 2023. As per clause No. 25.3 of this Policy, the modalities, procedures, terms, and conditions, etc. for the registration of projects shall be formulated by the State Nodal Agency. To facilitate the RE Project Developers, this documents outlines the Executive Procedure/Instructions/ Guidelines/Terms & Conditions for applications to be submitted to the Gujarat Energy Development Agency (SNA) for setting up of Off-grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage.

A) Preamble:

The Government of Gujarat, recognizing the growing demand for renewable energy solutions among entities isolated from the State Grid, had previously introduced a Standard Operating Procedure (SOP) for Off-grid Solar Projects. In response to the requests from renewable energy project developers and to address challenges faced by these entities in fulfilling their Renewable Purchase Obligation (RPO) without access to grid-connected renewable energy systems, the need for a comprehensive Standard Operative Procedure (SOP) for Off-grid Wind and Wind-Solar Hybrid Projects has become evident.

To address this requirement, and after extensive consultations with key stakeholders including Gujarat Urja Vikas Nigam Limited (GUVNL), the Chief Electrical Inspector (CEI), and the Gujarat Energy Development Agency (GEDA), an integrated SOP for Off-grid Wind, Wind-Solar Hybrid, and Solar Projects has been formulated. This unified framework is designed to facilitate seamless RPO compliance for isolated entities by enabling the adoption of independent off-grid renewable energy solutions.

B) Objectives:

- **Support RPO Compliance:** Facilitate Renewable Purchase Obligation (RPO) compliance for entities isolated from the State Grid by enabling access to independent off-grid renewable energy solutions.

- **Expand Renewable Energy Access:** Facilitate renewable energy adoption for entities unable to connect to the State Grid, promoting energy independence and sustainability.
- **Promote Renewable Integration:** Encourage the deployment of diverse renewable energy technologies in off-grid scenarios to enhance energy security and environmental benefits.

C) RE integrated SOP for Off-Grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage:

The procedure from Provisional Registration to the Commissioning of Off-Grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage shall be same as of existing approved executive procedure for grid connected Solar / Wind / Wind-Solar Hybrid Projects, as outlined in letter EPCD/0152/12/2023 dated 14-12-2023. However, additional provisions specific to off-grid projects are detailed below:

The integrated procedure for the registration of Off-Grid Solar, Off-Grid Wind, and Off-Grid Wind-Solar Hybrid Projects, including storage if applicable, is as follows:

1. Provisional Registration:

- (a) Wind / Wind-Solar Hybrid / Solar Project Developer shall apply online at Gujarat Energy Development Agency's RE portal i.e. <http://srtgeda.gujarat.gov.in/>.
- (b) Provisional Registration Fees are Rs. 50,000/- plus GST for Wind and Hybrid Power Projects and Rs. 10,000/- plus GST for Solar Power Projects. This fees will be adjusted against Developer Application / Final Registration fee as the case may be.
- (c) The Applicant must submit the necessary details & documents as outlined in Checklist-Annexure-VI

2. NOC from DISCOM/ GETCO:

Certificate of concerned DISCOM and / or GETCO confirming that:

- (a) The specific location/premises where the Off-grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage is proposed shall not be in anyway

physically connected with the grid and the same shall be verified by DISCOM and /or GETCO.

AND

- (b) The details of ownership of Off-grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage to confirm whether the project is set up as captive power project as per the policy of State Government in force or the project is set up by third party / RESCO model under third party sale arrangement.

AND

- (c) Approved layout plan of premises having Off-Grid Solar / Wind / Wind-Solar Hybrid Project showing power boundaries including storage if any and line network route from off grid project to consumption points shall be verified by DISCOM and / or GETCO.

Before issue of NOC, DISCOM shall seek **Undertaking (as per Annexure-II)** from applicant to the effect that,

1. He will not connect his Off-grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage to Grid in any circumstances in any manner. In case off-grid generation is utilized outside location / premises of off-grid RE projects and connected by lying own transmission line between generation and consumption points, no physical interconnection with grid at any of the generation and consumption points.

AND

2. Prior to making any change in the project including commercial arrangement like change from captive to third party, he shall obtain concurrence from the concerned DISCOM for the same.

- (d) The Applicant must submit the necessary details & documents as outlined in Checklist-Annexure-VI

3. WTG Coordinate Verification:

RE Project Developer (in case of Wind and Hybrid Projects) shall apply for Pre-DP coordinates verification of Wind Turbine Generator (WTG) locations on GEDA RE Portal in the prescribed format along with the verification charges @ Rs. 1000/- plus GST per WTG location (non-refundable) to GEDA along with necessary details & documents as per **Annexure-VI**.

4. Development Permission/Final Registration:

Having, NOC from DISCOM/GETCO as the case may be and legal possession of the land for the proposed project, RE Project Developer shall apply to GEDA for Development Permission / Final Registration along with the necessary Detailed Project Report (**Annexure-I**), and documents as per **Annexure-VI** in the prescribed application form as per the **Annexure-III**.

5. Approval of the Electrical Drawings:

The RE Project Developer shall obtain approval for the electrical drawing of Off-grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage and associated equipment from Chief Electrical Inspector (CEI) / Central Electricity Authority (CEA), as applicable.

6. Charging of Electrical installations:

The RE Project Developer shall obtain inspection and charging approval for Off-grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage along with its peripherals and electrical installations, from the Chief Electrical Inspector (CEI) / Central Electricity Authority (CEA), as applicable.

7. Sealing of Energy Generation meter of Off-grid Solar / Wind / Wind-Solar Hybrid Projects with storage if any:

DISCOM shall seal the energy generation meter of Off-grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage. DISCOM will inform GEDA regarding the sealing of Energy Generation meter at the project site.

8. Project Site Witnessing:

Upon submission of a commissioning request by the RE generator, GEDA shall witness the Off-Grid Wind/ Wind-Solar Hybrid/ Solar Plant in prescribed commissioning request form as per **Annexure-V**.

9. Issuance of Certificate:

Upon witnessing the commissioning of the RE Power Plant and receiving proof of Legal possession of the land along with NA / Deemed NA permission, GEDA shall issue the certificate for energy generation.

10. Submission of Monthly Generation Data to GEDA:

The monthly generation data of Off-Grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage shall be certified by CEI. Captive Power Plant (CPP) or Off-Grid Projects owner shall submit monthly generation certificate of Off-grid Wind / Wind-Solar Hybrid Projects with or without storage duly certified by CEI, to GEDA for RPO compliance, if applicable.

11. Adherence to MNRE Guideline:

Off-grid Wind / Wind-Solar Hybrid Projects with or without storage shall adhere to the “Guidelines for Development of Onshore Wind Power Projects” issued by the MNRE, GoI vide letter no. 66/183/2016-WE dated 22/10/2016 and its amendments from time to time.

In case of Wind-Solar Hybrid Projects, the capacity of one resource (Solar or Wind) shall be as per the National Wind-Solar Hybrid Policy notified by MNRE vide letter no. 238/78/2017-Wind dated 14/05/2018, and its amendments from time to time.

12. Power to interpret:

In case of any confusion or dispute regarding the meaning, intent, or purpose of any provision of this SOP, the interpretation provided by the Energy and Petrochemicals Department, Government of Gujarat, shall be final and binding on all parties concerned

Detailed Project Report Checklist

1. Executive Summary

- Overview of the project
 - Objectives and expected benefits
 - Summary of technical, financial, and environmental aspects
-

2. Project Background and Objectives

- Need for the project
 - Relevance to energy access and sustainability
 - Policy alignment (national/state policies, RPO compliance)
 - Stakeholder consultations
-

3. Site Details and Analysis

- Location and accessibility
 - Geographic coordinates and site map
 - Land ownership and permissions
 - Topographical and climatic conditions
 - Natural resource availability (solar radiation, wind speed)
-

4. Technology Selection and System Design

- Type of renewable energy system (Solar, Wind, Hybrid)
 - **Details of Major Components:**
 - SPV modules: Make, model, rating
 - WTGs: Make, model, rating
 - Inverters: Make, model, rating
 - Transformers: Make, model, rating
 - Batteries (if applicable): Make, capacity, specifications
 - Additional components: Junction boxes, cables, mounting structures, etc.
 - System sizing and capacity estimation
 - Energy generation forecast (monthly/yearly)
 - Energy storage and backup systems (if applicable)
-

5. Implementation Plan

- Project timeline with milestones
 - Procurement strategy (materials, equipment)
 - Installation methodology
 - Operation and maintenance (O&M) plan
-

6. Financial Analysis

- Capital cost estimates (equipment, installation, contingency)
 - Operational costs (O&M, repairs)
 - Funding sources and financial assistance (subsidies, grants)
 - Tariff structure (if applicable)
 - Cash flow analysis, IRR, and NPV calculations
-

7. Legal and Regulatory Compliance

- Compliance with renewable energy policies
 - Safety and technical standards compliance
-

8. Environmental and Social Impact Analysis

- Assessment of environmental impacts (positive/negative)
 - Carbon emission reduction potential
 - Social benefits (employment, rural development, energy access)
-

9. Monitoring and Evaluation Framework

- Performance monitoring plan
 - Key performance indicators (KPIs)
 - Reporting and review mechanisms
-

10. Annexures

- Technical drawings and schematics
- Resource assessment data (solar radiation, wind speed)
- Financial and sensitivity analysis tables

UNDERTAKING

(On ₹300 Stamp Paper, Notarized)

To,

Chief Engineer

DISCOM/ GETCO

<....Address....>

Subject: Undertaking regarding ownership of Off-Grid Renewable Energy Plant and assurance of non-connection to the State Grid / Central Grid with or without storage.

Reference: Provisional registration Letter No.

Respected Sir/Madam,

I/We, M/s _____, having our registered office at _____ (hereinafter referred to as the "Applicant"), do hereby solemnly affirm and undertake the following:

1. Ownership of the Renewable Energy Plant

- The Renewable Energy Plant with a proposed capacity of ____ MW located at _____ (site details) is solely owned by the Applicant.
- All rights, titles, and interests in the said Renewable Energy Plant are with the Applicant, and there is no third-party ownership, lien, or encumbrance.

2. Non-Connection to the State Grid

- The Applicant affirms that the Renewable Energy Plant is strictly designed as an off-grid project and shall not, under any circumstances, be connected to the Gujarat State Grid or any other grid system in the future by any means.
- The Applicant agrees to comply with all rules and regulations of the Gujarat Electricity Regulatory Commission (GERC) and DISCOM/ GETCO regarding off-grid renewable energy projects.
- We will not connect his Off-grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage to Grid in any circumstances in any manner. In case off-grid generation is utilized outside location / premises of off-grid RE projects and connected by lying own transmission line between generation and consumption

points, no physical interconnection with grid at any of the generation and consumption points.

3. Compliance with Policies and Regulations

- The applicant undertakes to abide by all relevant policies, procedures, and guidelines issued by the Energy and Petrochemicals Department (EPD), Government of Gujarat, and DISCOM/ GETCO, including those referenced in this document.

4. Liability

- In the event of any violation of the aforementioned conditions, the Applicant shall be held solely responsible and liable for all consequences, including but not limited to penalties and legal actions as per the applicable regulations.

5. Safety Standards

- The Applicant undertakes to ensure full compliance with all safety standards as mandated by the Central Electricity Authority (CEA) and the Chief Electrical Inspector (CEI) guidelines. The Applicant commits to implementing all necessary safety measures to guarantee the safe and reliable operation of the off-grid Renewable Energy Plant.

6. Acknowledgment of Responsibility

- The Applicant understands that this undertaking is binding and acknowledges its full responsibility to adhere to all terms stated herein.

DECLARATION

I/We declare that the information provided in this undertaking is true and correct to the best of my/our knowledge and belief. I/We understand that any false or misleading information shall make me/us liable for appropriate legal and administrative actions.

Signed and Sealed by:

For and on behalf of M/s _____

Authorized Signatory:

Name: _____

Designation: _____

Date: _____

Place: _____

Annexure – III (W)

Climate Change Department, Government of Gujarat Gujarat Energy Development Agency

4th Floor, Block No. 11 & 12, Udhog Bhavan, Sector-11, GANDHINAGAR - 382 017

Phone:079-232-57251-3, Fax: 079-232-47097, 079-232-57255

Website: www.geda.gujarat.gov.in



Off-Grid Wind Power Project

Application form for development of Off-Grid Wind Power Project as per the approved Standard Operating Procedure of Energy & Petrochemicals Department Government of Gujarat.

(Strikeout whichever is not applicable)

A. General Profile of Applicant:

1	Name of the Applicant Company							
	Address of Registered Office							
	Street/House no							
	Village / Taluka :							
	City		State		PIN			
	Phone		WhatsApp no.		Mobile			
	Email		Web Site					
2	PAN Number		GST No.					
3	Type of Applicant	Individual	Partnership	Proprietary firm	Private Ltd.	Public Ltd.		
		Group of Company	Other	Enclose self-certified copy of Entity Registration/ MOA/ROC/ROF/AOA/ COI/Partnership Deed/LLP				
4	MSME		<input type="checkbox"/> Yes <input type="checkbox"/> No					
5	Name of the Managing Director / Chief Executive of the Company					Designation		
	Phone		Mobile		E-mail			
6	Name of the authorized Signatory.					Designation		
	<i>Pl enclose certified copy the Board Resolution authorizing the Signatory /Authority Letter</i>							
	Phone		Mobile		E-mail			

B. Technical and Financial details of the Proposed Project:

1	Details of Wind Power Project
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	Nos. of WTG		Capacity of each WTG		Total Capacity in MW	
	WTG Make			WTG Model		
	Rotor Dia. In meters			Hub Height in meters		
2	Proposed WTG is approved in RLMM list?	Yes / No	If yes, the validity of the approval:		DD/MM/YY	
			If no, the undertaking for submitting the same before commissioning of the project			
3	Details of Battery Energy Storage System (BESS) if applicable.					
	Capacity of BESS (in MWh)		DC:		AC:	
	Battery Make				Battery Type	
	Nos. of BESS Rack / Rating					
	Details of PCS Invertors					
	Type				Make	
	Nos. of PCS Invertor				Rating	
4	Power Generation level					
5	Expected Annual output of energy from the proposed project in kWh					
6	Tentative date of commissioning					
7	End use of electricity	<input type="checkbox"/> Captive Use <input type="checkbox"/> Captive Use with RPO			<input type="checkbox"/> Third Party Sale	
8	Name of concerned DISCOM, within whose jurisdiction the Wind Power Project is to be installed:				NOC from concerned DISCOM / GETCO to be obtained	
9	Approximate Project Cost					
C. Land Details of the Proposed Project						
1	Land Category			<input type="checkbox"/> Private / <input type="checkbox"/> Government		
2	Details of Wind Power Project site		Please submit the details such as Location No., Village, Taluka, District, Plot/Survey No., Latitude, Longitude (Please mention Latitude and longitude in UTM coordinates) and AMSL height of each location) area of land: _____ (in Hectares) in separate sheet.			

D. Applicable Development Application Processing Fees + GST (Non-refundable)						
1	Upto 25 MW: Rs.3.00 Lacs Above 25 MW to 50MW: Rs.6.00 Lacs Above 50 MW to 75MW: Rs.9.00 Lacs Above 75 MW to 100 MW: Rs. 15.00 Lacs. Above 100 MW: Rs. 18.00 Lacs	Rs.	DD No.		Bank	
			Dated			
(At present GST of 18% is applicable, GEDA GST No. 24AAATG1858Q1ZA)						
E. Declaration of the Authorized Signatory						
<p>I, Shri. _____, authorized signatory of M/s. _____ _____ hereby declare that I have read Executive Procedure/Instructions/Guidelines/Terms & Conditions for setting up of Off-Grid Wind / Wind-Solar Hybrid / Solar Projects under Standard Operating Procedure (SOP in short) approved by Energy & Petrochemicals Department, Government of Gujarat. The information filled in the Application form is true and correct to my knowledge and belief. It is also declared that, I have signed the undertaking as prescribed in the guidelines / terms & conditions.</p> <p>I undertake to ensure the safety standards in the proposed Off-Grid Wind / Wind-Solar Hybrid / Solar Projects as per the Guidelines issued by CEI / CEA and its amendments from time to time.</p> <p>We also certify that we have followed all rules and regulations, including those required for purchase/ lease for the private land and that I indemnify, GEDA shall not be any party for the want of any such disputes/issues arising at a later date due to noncompliance of any law/regulation pertaining to the mentioned land on which our Off-Grid RE Power Project proposed to be installed.</p>						
F. List of Documents attached:						
Sr. No.	Details of documents					Yes / No.
01	Covering letter showing the details of proposed Off-Grid Wind Power Project					<input type="checkbox"/>
02	Development Application Form duly filled in all respect & signed by the authorized signatory and strike off the options, which are not applicable.					<input type="checkbox"/>
03	NOC from DISCOM/GETCO confirming that, the proposed Off-Grid Wind Power Project is not connected with STU or CTU by any means.					<input type="checkbox"/>
04	Detailed Project Report covering details mentioned in the Annexure – 1 of the SOP.					<input type="checkbox"/>
05	Development Application processing fee plus GST as per the Standard Operating Procedure (SOP in short) approved by Energy & Petrochemicals Department, Government of Gujarat.					<input type="checkbox"/>
06	Board Resolution / Letter of Authority authorizing the signatory for the proposed Wind Power Project.					<input type="checkbox"/>
07	Undertaking / Declaration on Rs. 300/- non judicial stamp paper regarding newness of the Wind Turbine Generators and compliance of guidelines as per the Annexure - 3 of the SOP.					<input type="checkbox"/>
08	Copy of Certificate of Incorporation / MOA / Partnership Deed etc.					<input type="checkbox"/>
09	Copy of GST Certificate					<input type="checkbox"/>
10	Copy of PAN Card					<input type="checkbox"/>
11	Copy of RLMM					<input type="checkbox"/>
12	Copy of Micro Siting Drawing					<input type="checkbox"/>
13	Copy of legal possession of land in the name of RE Project Developer by way of					<input type="checkbox"/>

	Registered Sale Deed / Register Lease Deed	
14	Proof regarding ownership of the project (CA certificate regarding the ownership of the proposed Off-Grid Wind Power Project).	<input type="checkbox"/>
15	<p>If the proposed land is Pvt. Land Permission to use the above land for Bonafide Industrial Use / NA Permission / Deemed NA Order</p> <p>If NA permission is unable to produce at this stage under taking to produce the same prior to the commissioning of the project.</p>	<input type="checkbox"/>
Name of the Authorized Signatory		Seal of the Company
Designation		
Name of the Applicant Company		
Place		
Date		

Annexure – III (S)

Climate Change Department, Government of Gujarat Gujarat Energy Development Agency

4th Floor, Block No. 11 & 12, Udhyog Bhavan, Sector-11, GANDHINAGAR - 382 017

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Website: www.geda.gujarat.gov.in



GEDA

Off-Grid Solar Power Project

Application form for development of Off-Grid Solar Power Project as per the approved Standard Operating Procedure of Energy & Petrochemicals Department Government of Gujarat.

(Strikeout whichever is not applicable)

A. General Profile of Applicant:

1	Name of the Applicant Company							
	Address of Registered Office							
	Street/House no							
	Village / Taluka :							
	City		State		PIN			
	Phone		WhatsApp no.		Mobile			
	Email		Web Site					
2	PAN Number		GST No.					
3	Type of Applicant	Individual	Partnership	Proprietary firm	Private Ltd.	Public Ltd.		
		Group of Company	Other	Enclose self-certified copy of Entity Registration/ MOA/ROC/ROF/AOA/ COI/Partnership Deed/LLP				
4	MSME		<input type="checkbox"/> Yes <input type="checkbox"/> No					
5	Name of the Managing Director / Chief Executive of the Company					Designation		
	Phone		Mobile		E-mail			
6	Name of the authorized Signatory.					Designation		
	<i>Pl enclose certified copy the Board Resolution authorizing the Signatory /Authority Letter</i>							
	Phone		Mobile		E-mail			
B. Technical and Financial details of the Proposed Project:								
1	Details of Solar Power Project							

	Nos. of SPV Modules		Capacity of each SPV		Total Capacity in MW (DC)	
	SPV Make			Type of SPV Modules		
	Nos. of Inverter		Capacity of each Inverter		Total Capacity in MW (AC)	
	Make of Inverter			Type of Inverter		
2	Proposed SPV Module is approved in ALMM list?	Yes / No	If yes, the validity of the approval:		DD/MM/YY	
			If no, the undertaking for submitting the same before commissioning of the project			
3	Details of Battery Energy Storage System (BESS) if applicable.					
	Capacity of BESS (in MWh)		DC:	AC:		
	Battery Make			Battery Type		
	Nos. of BESS Rack / Rating					
	Details of PCS Invertors					
	Type			Make		
	Nos. of PCS Invertor			Rating		
4	Power Generation level					
5	Expected Annual output of energy from the proposed project in kWh					
6	Tentative date of commissioning					
7	End use of electricity	<input type="checkbox"/> Captive Use <input type="checkbox"/> Captive Use with RPO			<input type="checkbox"/> Third Party Sale	
8	Name of concerned DISCOM, within whose jurisdiction the Solar Power Project is to be installed:			NOC from concerned DISCOM / GETCO to be obtained		
9	Approximate Project Cost					
C. Land Details of the Proposed Project						
1	Land Category			<input type="checkbox"/> Private / <input type="checkbox"/> Government		
2	Details of Solar Power Project site		Please submit the details such as Village, Taluka, District, Plot/Survey No., Latitude, Longitude and area of land: _____ (in Hectares) in separate sheet.			

D. Applicable Development Application Processing Fees + GST (Non-refundable)						
1	Less than 1 MW: 13000/- 1 MW & Above: 26000/- per MW	Rs.	DD No.		Bank	
			Dated			

(At present GST of 18% is applicable, GEDA GST No. 24AAATG1858Q1ZA)

E. Declaration of the Authorized Signatory

I, Shri. _____, authorized signatory of M/s. _____ hereby declare that I have read Executive Procedure/Instructions/Guidelines/Terms & Conditions for setting up of Off-Grid Wind / Wind-Solar Hybrid / Solar Projects under Standard Operating Procedure (SOP in short) approved by Energy & Petrochemicals Department, Government of Gujarat. The information filled in the Application form is true and correct to my knowledge and belief. It is also declared that, I have signed the undertaking as prescribed in the guidelines / terms & conditions.

I undertake to ensure the safety standards in the proposed Off-Grid Wind / Wind-Solar Hybrid / Solar Projects as per the Guidelines issued by CEI / CEA and its amendments from time to time.

We also certify that we have followed all rules and regulations, including those required for purchase/ lease for the private land and that I indemnify, GEDA shall not be any party for the want of any such disputes/issues arising at a later date due to noncompliance of any law/regulation pertaining to the mentioned land on which our Off-Grid RE Power Project proposed to be installed.

F. List of Documents attached:

Sr. No.	Details of documents	Yes / No.
01	Covering letter showing the details of proposed Off-Grid Solar Power Project	<input type="checkbox"/>
02	Development Application Form duly filled in all respect & signed by the authorized signatory and strike off the options, which are not applicable.	<input type="checkbox"/>
03	NOC from DISCOM/GETCO confirming that, the proposed Off-Grid Wind Power Project is not connected with STU or CTU by any means.	<input type="checkbox"/>
04	Detailed Project Report covering details mentioned in the Annexure – I of the SOP.	<input type="checkbox"/>
05	Registration Application processing fee plus GST as per the Standard Operating Procedure (SOP in short) approved by Energy & Petrochemicals Department, Government of Gujarat.	<input type="checkbox"/>
06	Board Resolution / Letter of Authority authorizing the signatory for the proposed Wind Power Project.	<input type="checkbox"/>
07	Undertaking / Declaration on Rs. 300/- non judicial stamp paper regarding newness of the Solar PV Project and compliance of guidelines as per the Annexure - III of the SOP.	<input type="checkbox"/>
08	Copy of Certificate of Incorporation / MOA / Partnership Deed etc.	<input type="checkbox"/>
09	Copy of GST Certificate	<input type="checkbox"/>
10	Copy of PAN Card	<input type="checkbox"/>
11	Copy of ALMM	<input type="checkbox"/>
12	Copy of Micro Siting Drawing	<input type="checkbox"/>
13	Copy of legal possession of land in the name of RE Project Developer by way of Registered Sale Deed / Register Lease Deed	<input type="checkbox"/>

14	Proof regarding ownership of the project (CA certificate regarding the ownership of the proposed Off-Grid Wind Power Project).	<input type="checkbox"/>
15	If the proposed land is Pvt. Land Permission to use the above land for Bonafide Industrial Use / NA Permission / Deemed NA Order If NA permission is unable to produce at this stage under taking to produce the same prior to the commissioning of the project.	<input type="checkbox"/>
Name of the Authorized Signatory		Seal of the Company
Designation		
Name of the Applicant Company		
Place		
Date		

Annexure – III (H)

Climate Change Department, Government of Gujarat Gujarat Energy Development Agency

4th Floor, Block No. 11 & 12, Udhog Bhavan, Sector-11, GANDHINAGAR - 382 017

Phone:079-232-57251-3, Fax: 079-232-47097, 079-232-57255

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GEDA

Off-Grid Wind- Solar Hybrid Power Project

Application form for development of Off-Grid Wind- Solar Hybrid Power Project as per the approved Standard Operating Procedure of Energy & Petrochemicals Department Government of Gujarat.

(Strikeout whichever is not applicable)

A. General Profile of Applicant:

1	Name of the Applicant Company										
	Address of Registered Office										
	Street/House no										
	Village / Taluka :										
	City		State				PIN				
	Phone		WhatsApp no.				Mobile				
	Email						Web Site				
2	PAN Number						GST No.				
3	Type of Applicant		Individual	Partnership	Proprietary firm	Private Ltd.	Public Ltd.				
			Group of Company	Other	Enclose self-certified copy of Entity Registration/ MOA/ROC/ROF/AOA/ COI/Partnership Deed/LLP						
4	MSME		<input type="checkbox"/> Yes <input type="checkbox"/> No								
5	Name of the Managing Director / Chief Executive of the Company						Designation				
	Phone		Mobile		E-mail						
6	Name of the authorized Signatory.						Designation				
	<i>Pl enclose certified copy the Board Resolution authorizing the Signatory /Authority Letter</i>										
	Phone		Mobile		E-mail						

B. Technical and Financial details of the Proposed Project:

Details of Wind- Solar Hybrid Power Project

1	Details of WTG Component
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	Nos. of WTG		Capacity of each WTG		Total Capacity in MW	
	WTG Make			WTG Model		
	Rotor Dia. In meters			Hub Height in meters		
2	Proposed WTG is approved in RLMM list?		Yes / No	If yes, the validity of the approval:		DD/MM/YY
				If no, the undertaking for submitting the same before commissioning of the project		
3	Details of Solar Component					
	Nos. of SPV Modules		Capacity of each SPV		Total Capacity in MW (DC)	
	SPV Make			Type of SPV Modules		
	Nos. of Inverter		Capacity of each Inverter		Total Capacity in MW (AC)	
	Make of Inverter			Type of Inverter		
4	Proposed SPV Module is approved in ALMM list?		Yes / No	If yes, the validity of the approval:		DD/MM/YY
				If no, the undertaking for submitting the same before commissioning of the project		
5	Details of Battery Energy Storage System (BESS) if applicable.					
	Capacity of BESS (in MWh)		DC:	AC:		
	Battery Make			Battery Type		
	Nos. of BESS Rack / Rating					
	Details of PCS Invertors					
	Type			Make		
	Nos. of PCS Invertor			Rating		
6	Power Generation level					
7	Expected Annual output of energy from the proposed project in kWh					
8	Tentative date of commissioning					
9	End use of electricity	<input type="checkbox"/> Captive Use <input type="checkbox"/> Captive Use with RPO			<input type="checkbox"/> Third Party Sale	
10	Name of concerned DISCOM, within whose jurisdiction the Wind Power Project is to be installed:				NOC from concerned DISCOM / GETCO to be obtained	
11	Approximate Project Cost					
C. Land Details of the Proposed Project						
1	Land Category				<input type="checkbox"/> Private / <input type="checkbox"/> Government	
2	Details of Wind Power Project site		Please submit the details such as Location No., Village, Taluka,			

		District, Plot/Survey No., Latitude, Longitude (Please mention Latitude and longitude in UTM coordinates and AMSL height of each location) area of land: _____ (in Hectares) in separate sheet.
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D. Applicable Development Application Processing Fees + GST (Non-refundable)

1	Upto 25 MW: Rs.3.00 Lacs Above 25 MW to 50MW: Rs.6.00 Lacs Above 50 MW to 75MW: Rs.9.00 Lacs Above 75 MW to 100 MW: Rs. 15.00 Lacs. Above 100 MW: Rs. 18.00 Lacs	Rs.	DD No.		Bank	
			Dated			

(At present GST of 18% is applicable, GEDA GST No. 24AAATG1858Q1ZA)

E. Declaration of the Authorized Signatory

I, Shri. _____, authorized signatory of M/s. _____ hereby declare that I have read Executive Procedure/Instructions/Guidelines/Terms & Conditions for setting up of Off-Grid Wind / Wind-Solar Hybrid / Solar Projects under Standard Operating Procedure (SOP in short) approved by Energy & Petrochemicals Department, Government of Gujarat. The information filled in the Application form is true and correct to my knowledge and belief. It is also declared that, I have signed the undertaking as prescribed in the guidelines / terms & conditions.

I undertake to ensure the safety standards in the proposed Off-Grid Wind / Wind-Solar Hybrid / Solar Projects as per the Guidelines issued by CEI / CEA and its amendments from time to time.

We also certify that we have followed all rules and regulations, including those required for purchase/ lease for the private land and that I indemnify, GEDA shall not be any party for the want of any such disputes/issues arising at a later date due to noncompliance of any law/regulation pertaining to the mentioned land on which our Off-Grid RE Power Project proposed to be installed.

F. List of Documents attached:

Sr. No.	Details of documents	Yes / No.
01	Covering letter showing the details of proposed Off-Grid Wind-Solar Hybrid Power Project	<input type="checkbox"/>
02	Development Application Form duly filled in all respect & signed by the authorized signatory and strike off the options, which are not applicable.	<input type="checkbox"/>
03	NOC from DISCOM/GETCO confirming that, the proposed Off-Grid Win- Solar Hybrid Power Project is not connected with STU or CTU by any means.	<input type="checkbox"/>
04	Detailed Project Report covering details mentioned in the Annexure – 1 of the SOP.	<input type="checkbox"/>
05	Development Application processing fee plus GST as per the Standard Operating Procedure (SOP in short) approved by Energy & Petrochemicals Department, Government of Gujarat.	<input type="checkbox"/>
06	Board Resolution / Letter of Authority authorizing the signatory for the proposed Wind Power Project.	<input type="checkbox"/>
07	Undertaking / Declaration on Rs. 300/- non judicial stamp paper regarding newness of the Wind Turbine Generators and compliance of guidelines as per the Annexure - 3 of the SOP.	<input type="checkbox"/>
08	Copy of Certificate of Incorporation / MOA / Partnership Deed etc.	<input type="checkbox"/>
09	Copy of GST Certificate	<input type="checkbox"/>

10	Copy of PAN Card	<input type="checkbox"/>
11	Copy of RLMM & ALMM	<input type="checkbox"/>
12	Copy of Micro Siting Drawing	<input type="checkbox"/>
13	Copy of legal possession of land in the name of RE Project Developer by way of Registered Sale Deed / Register Lease Deed	<input type="checkbox"/>
14	Proof regarding ownership of the project (CA certificate regarding the ownership of the proposed Off-Grid Wind Power Project).	<input type="checkbox"/>
15	<p>If the proposed land is Pvt. Land Permission to use the above land for Bonafide Industrial Use / NA Permission / Deemed NA Order</p> <p>If NA permission is unable to produce at this stage under taking to produce the same prior to the commissioning of the project.</p>	<input type="checkbox"/>
Name of the Authorized Signatory		Seal of the Company
Designation		
Name of the Applicant Company		
Place		
Date		

UNDERTAKING

We, <Name of the Project Developer> having its registered Office: <_____>. intend to set up Off-Grid Wind / Wind-Solar Hybrid/ Solar Power Project with or without storage of <____> MW capacity at various Villages of Taluka <_____> of District: <_____>, as per the provisions of the Standard Operative Procedure (SOP) approved by Energy & Petrochemicals Department, Government of Gujarat, for which we are seeking the permission of the Gujarat Energy Development Agency, Gandhinagar.

As a prerequisite for getting permission for setting up of Off-Grid Wind / Wind-Solar Hybrid/ Solar Power Project with or without storage, the following undertaking/declaration is being given to the Director, Gujarat Energy Development Agency, having its registered Office at 4th Floor, Block No. 11/12, Udhog Bhavan, Sector -11, Gandhinagar – 382 017.

I, <_____> Designation <_____> of <Name of the company> being authorized by the Board of the Company, to sign documents /declarations/undertakings (Certified copy of the Board resolution authorizing me is enclosed) required for seeking permission for setting up of Off-Grid Wind / Wind-Solar Hybrid/ Solar Power Project with or without storage, hereby give following declaration / undertaking:

1. That the Off-Grid Wind / Wind-Solar Hybrid/ Solar Power Project with or without storage proposed to be installed and commissioned under this project, are NEW WTG's / NEW Solar PV Project with all associated peripherals are not second hand/used ones prior to the proposed location of installation and that, I have ascertained the NEWNESS of the related components, assemblies of the NEW WTG's / NEW Solar PV Project with all associated peripherals proposed for installation.
2. That the proposed WTGs to be installed are having type test approval of the MNRE.
3. That Wind Turbines/ SPV Modules that are approved by the Ministry of New and Renewable Energy, Government of India, under RLMM/ ALMM as applicable from time to time, and eligible for commissioning of the respective projects.
4. I further undertake to abide by the Guidelines for Development of Onshore Wind Power Projects issued by Ministry of New and Renewable Energy, Government of India vide its letter dated 22/10/2016 and its amendment from time to time for the same shall be applicable for the aforesaid Off-Grid Wind Power Project. I agree to comply the clause no. V "MICROSITING" of Wind Turbine Generators of the aforesaid guideline.

5. That I agree to ensure and consider the Environmental Factors, CRZ Regulations, Mining Restrictions, MOD Clearance, Clearance from Airport Authority and restrictions / regulations applicable / imposed under any law or executive order / direction / guidelines upon the area / site from time to time and from physical point of view for arrangement of the Wind Turbine Generators and all other peripherals of the Off-Grid Wind / Wind-Solar Hybrid/ Solar Power Project with or without storage. Government of India / Government of Gujarat / GEDA shall be absolved from all the responsibilities / liabilities including loss of generation or on any account, whatsoever arise in future due to non-compliance of any of the above mentioned clearances / approvals.
6. That the feasibility of the proposed site for installation of WTGs and / or Solar PV Project, in terms of its wind speed/ Wind power density, Solar irradiation, expected energy output etc. for the optimum performance of the WTGs and / or Solar PV Project in terms of generation of electricity have been ascertained by us, and GEDA shall not be responsible for sub-optimal performance of the Off-Grid Wind / Wind-Solar Hybrid/ Solar Power Project with or without storage if any.
7. That we have complied with all the provisions of law for the time being in force or order or direction of the Central or State Government or Corporation owned or controlled by such Government, Government Company, local authority or statutory authority in relation to purchase and use of land for industrial purpose of setting up of Off-Grid Wind / Wind-Solar Hybrid/ Solar Power Project with or without storage, before the land is put to use for such purpose, and that GEDA shall not be responsible for any dispute that may arise at later stage, on this account.
8. That all the requirements stipulated by GEDA/CERC/GERC/GETCO/DISCOMS/Chief Electrical Inspector/ CEA shall be abided by us.
9. That we have installed electrical network for wind capacity up to consumption point and installed the ABT meter at the generation end, in accordance with the GERC / CERC regulation as applicable from time to time and in accordance with the approved specifications of the concerned authority.
10. I / we undertake to ensure the safety standards in the proposed Off-Grid Wind / Wind-Solar Hybrid/ Solar Power Project with or without storage as per the Guidelines issued by CEI / CEA and its amendments from time to time.
11. That I have read all the terms and conditions of the Standard Operative Procedure (SOP) approved by Energy & Petrochemicals Department, Government of Gujarat and relevant regulations/orders of the GERC / CERC as applicable and those amended from time to time,

and I undertake to abide by all the terms and conditions, and that in the event of any dispute on the interpretation of the terms and conditions, the decision of the Director, GEDA shall be final and binding upon us.

Signature:

Name & Seal of the Company

Name:

Designation:

Date:

Commissioning request form for Off-grid Wind/ Wind- Solar Hybrid/ Solar Power Project with or without storage

Name of the Renewable Energy Generator		
GEDA Registration No. and Date		
Address of the Office		
Contact person	Name	
	Mobile number	
	e-mail Address	
Capacity of Solar Power Plant (AC/DC)		
Location of the Project	Survey/ Plot no.:	
	Village:	
	Taluka:	
	District:	
Site's Latitude & Longitude (in decimal format)	Lat.: Long.:	
ABT Meter details (Plant End)	Make: Serial No.:	
End use of Electricity	Captive/ Third Party Sale / RPO	

Details of Technical Components of Off-grid Wind/ Wind- Solar Hybrid/ Solar Power Project with or without storage:

GEDA Registration No.	
Source of Power	
Capacity of Power Project	
SPV Modules- Type / Make	
Nos. of Photovoltaic Modules / Rating	
Inverters- Type / Make	
Nos. of Inverter / Rating	
WTG- Type/ Make	
Nos. of WTG / Capacity	

BESS Batteries- Type / Make	
Nos .of BESS Rack / Rating	
PCS Inverters - (Type / Make)	
Nos .of PCS Inverter / Rating	
ABT Meter (Main_ Plant End)- Make / Serial no.	
CT-PT Make & Ratio	
Transformer Make & Rated Capacity, kVA	
Voltage level of power generation	
Date of CEI Charging Approval	
Meter Sealing/ Charging date	

Name of the Authorized Signatory		Seal of the Company
Designation		
Name of the Applicant Company		
Place		
Date		

Checklist for necessary details & documents

1. Provisional Registration Online:

- Pan Card of Entity
- Entity Registration such as Certificate of Incorporation/ Registration of Firm/ MoA/ AoA etc.
- General & Technical Details as required in the online form
- Copy of Board Resolution/ Signing Authority Letter
- Online provisional registration fees as per Fee Structure details

2. NOC from DISCOM/ GETCO

- Request letter to DISCOM/ GETCO with Provisional registration.
- Entity Registration such as Certificate of Incorporation/ Registration of Firm/ MoA/ AoA etc.
- Technical Details as per the Form
- Notarized undertaking as per **Annexure-II**

3. Coordinate Verification

- Pre-DP coordinates verification application in the prescribed format as mentioned in online RE-Portal.
- Fees to be paid online as mentioned in the online Re-Portal.

4. Final Registration/ Development Permission

- Forwarding letter for Final Registration/ Development Permission
- Application form as per **Annexure-III**
- DISCOM/ GETCO NOC
- Pre-DP coordinates verification approval in case of Wind and Hybrid Projects
- Detailed Project Report (DPR) – Checklist as per **Annexure-I**
- Undertaking and declaration as per **Annexure - IV**
- Legal possession of the land
- Technical Details as per the Form
- Copy of Board Resolution/ Signing Authority Letter
- Fees in the form of Demand Draft in favor of Gujarat Energy Development Agency as per Fee Structure details. Online payment shall be applicable once the provisions for the same is available on existing RE Portal.

5. Site Witnessing:

- Forwarding letter for Commissioning of RE Project
- Commissioning Request form as per **Annexure-V**
- CEI drawings along with CEIG drawing approvals
- CEIG charging permission
- DISCOM's/GETCO's meter sealing approval/ report

- Technical Details as per the Form

6. Issuance of Certificate

- Legal possession of the land along with NA/ Deemed NA permission

7. Fee Structure:

A. Wind & Hybrid:

Capacity of the Project	Charges in Rs. Plus GST extra
Up to 25 MW	3,00,000/- (Rupees Three lacs)
Above 25MW to 50 MW	6,00,000/- (Rupees Six lacs)
Above 50MW to 75 MW	9,00,000/- (Rupees Nine lacs)
Above 75MW to 100 MW	15,00,000/- (Rupees Fifteen lacs)
Above 100 MW	18,00,000/- (Rupees Eighteen lacs)

Note: In case of Wind-Solar Hybrid Project, the Development Application Processing Fees per MW shall be calculated on the basis of arithmetic sum of proposed capacity of both wind and solar components.

B. Solar Project:

Capacity of the Project	Charges in Rs. Plus GST extra
Less than 1 MW	13,000/-
1 MW & Above	26,000/- per MW

Flow Chart for Development of Off-Grid Solar / Wind / Wind-Solar Hybrid Projects with or without storage

