



## Submitting a GO GOP Registration Request



WECC Registration Staff

# Items Covered

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- Overview of the Registration Process for a New Generator Owner (GO) and Generator Operator (GOP)
- General Information about the NERC Rules of Procedure and the Registration Criteria
- How to Submit a New GO GOP Registration Request in CORES
- How to Add a Generation Add to an Existing Registration (Footprint Change)
- Available Resources

# New GO/GOP Registration Requests

## Complete Self-Evaluation

- Evaluate applicability of the BES Definition, Appendix 2, and Appendix 5B registration criteria

## Contact WECC with Registration Questions

- WECC may advise on applicability of registration criteria and answer process questions
- Email questions to [registration@wecc.org](mailto:registration@wecc.org)

## Submit a Registration Request Through CORES

- [CORES End User Guide](#)
- Add project details and relevant documents in the Comments and Attachments section in CORES

## Respond to WECC Requests for Information

- WECC reviews the request and will ask for additional information as needed

# Organization Registration Requirements

- Identifies and registers BPS users, owners, and operators who are responsible for performing specified reliability functions to which requirements of mandatory NERC Reliability Standards are applicable.
  - Registered entities can face penalties or sanctions for noncompliance

- Requirements and activities for the Organization Registration Program are embodied in the FERC approved [NERC Rules of Procedure](#) (ROP):
  - ROP, Section 500 | Organization Registration and Certification
  - Appendix 2 | Definitions Used in the ROP
  - Appendix 5A | Organization Registration and Certification Manual
  - Appendix 5B | Statement of Compliance Criteria
  - Appendix 5C | Procedure for Requesting and Receiving an Exception from the Application of the NERC Definition of BES

# Inclusions and Exclusions Listed in Appendix 2

## Inclusions and Exclusions

Example diagrams of BES inclusions and exclusions are available in:

[BES Definition Reference Document](#)

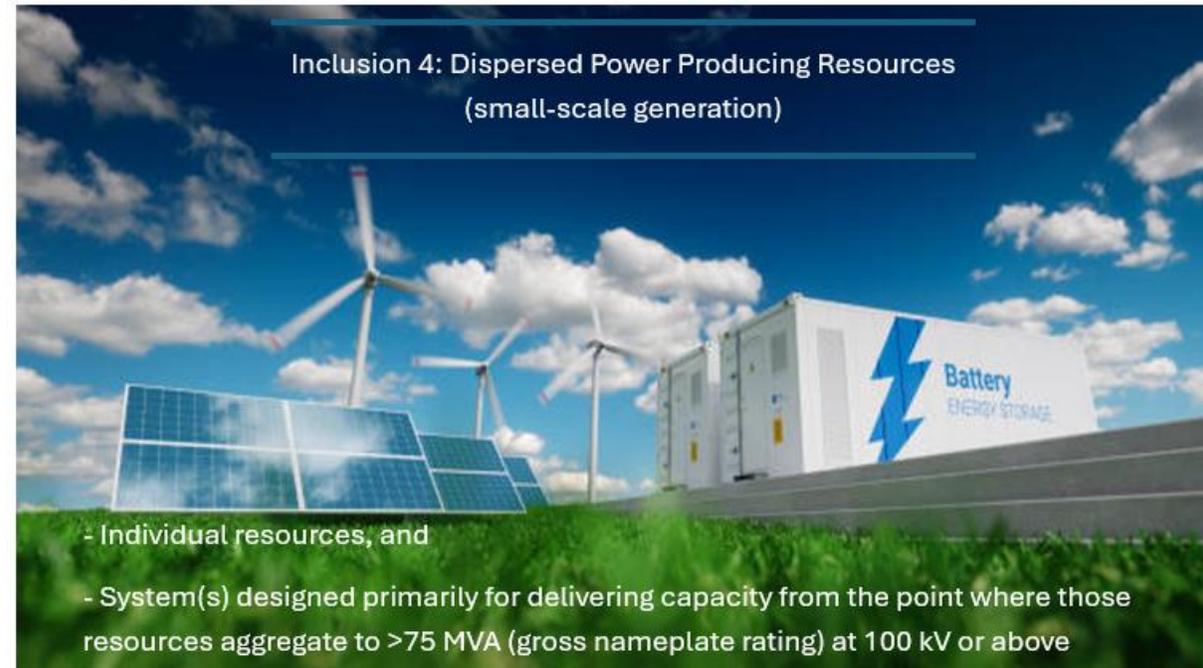
[Application of the BES Definition to Battery Energy Storage Systems and Hybrid Resources](#)

[Application of the Registration Criteria for Category 2 GO/GOP IBRs](#)

Processes exist for submittal and consideration of Exceptions and Materiality:

- Review Appendix 5A, Appendix 5B, and Appendix 5C

## Majority of Applications: Inclusion 4



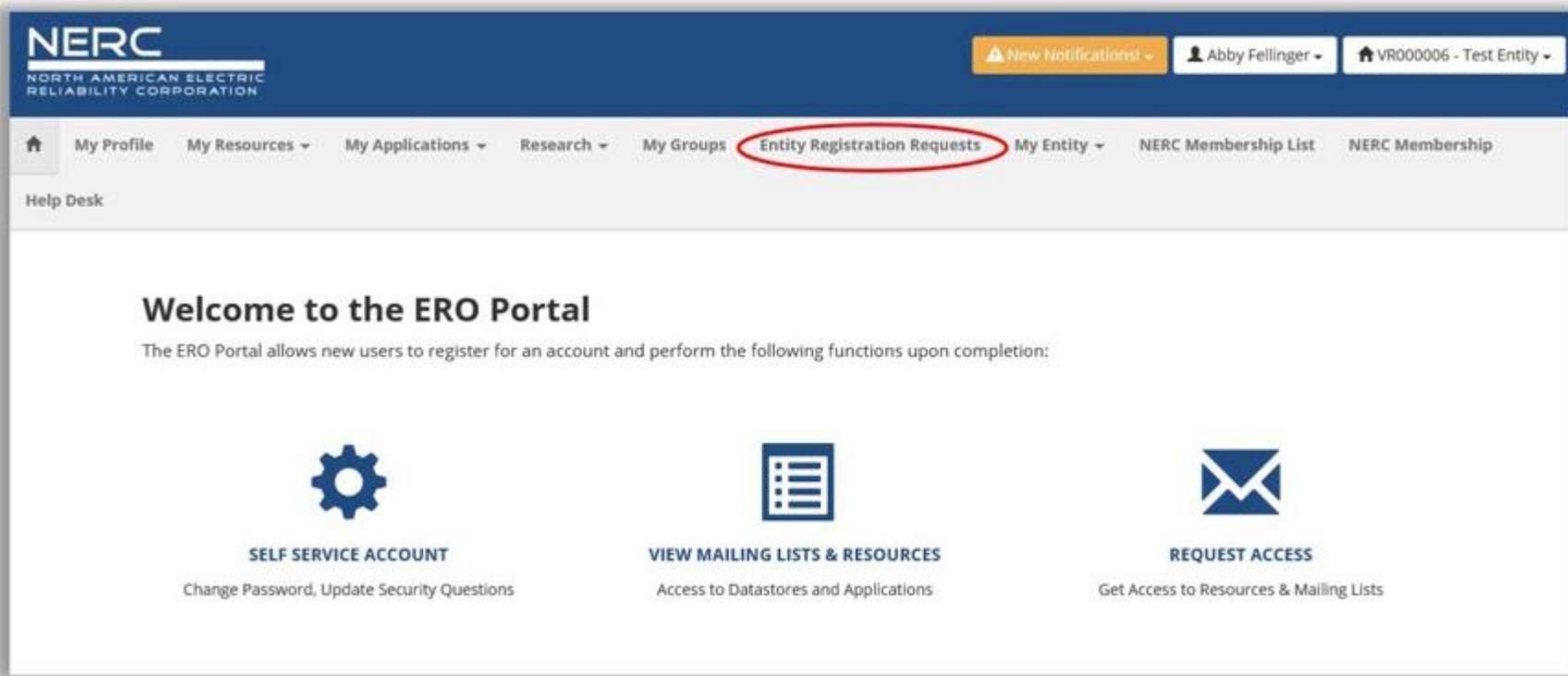
# CORES Overview

## What to Know about CORES

- The Centralized Organization Registration ERO System (CORES) launched on July 15, 2019, to provide consistency and alignment across the ERO for registration activities.
- The CORES platform enables entities to manage their registration information, contact information, and functional relationships from one application.
- All entities seeking to submit a new registration application must register for an ERO Portal account (<https://eroportal.nerc.net/>) and will need to complete the steps for multi-factor authentication that automatically appear when attempting to log into the ERO Portal for the first time.

# Creating a New Registration Application in CORES

- Log into the ERO Portal (<https://eroportal.nerc.net/>)
- Select the **Entity Registration Requests** tab



# Creating a New Registration Application in CORES

- Select the **Create** button to begin a new application

The screenshot displays the NERC (North American Electric Reliability Corporation) web application interface. At the top left is the NERC logo. The top right navigation bar includes a 'New Notifications!' button, a user profile for 'Abby Fellingner', and a home icon for 'VR000006 - Test Entity'. Below this is a main navigation menu with options: 'My Profile', 'My Resources', 'My Applications', 'Research', 'My Groups', 'Entity Registration Requests' (which is highlighted), 'My Entity', 'NERC Membership List', and 'NERC Membership'. A 'Help Desk' link is also visible. The breadcrumb trail shows 'Home / Entity Registration Requests'. The main heading is 'Entity Registration Requests'. Below the heading, there is explanatory text and a training link: 'https://vimeopro.com/nerclearning/cores-video-library'. A blue button with a plus icon and the text 'CREATE' is circled in red. At the bottom, there are four column headers: 'Registration Status ↑', 'Entity Name', 'Function List', and 'Region List'.

# New Entity Registration – Basic Information

- Enter applicable information

**Enter the corporate address**

**Basic Information**

|   |   |                         |   |
|---|---|-------------------------|---|
| <b>Entity Name</b> *                                  | <input type="text" value="Running Solar"/>                    | <b>Street 1</b> *       | <input type="text" value="123 Test Ave"/> |
| <b>Acronym</b>  | <input type="text" value="RS"/>                               | <b>Street 2</b>         | <input type="text"/>                      |
| <b>Phone</b>  | <input type="text" value="555-555-5555"/>                     | <b>City</b> *           | <input type="text" value="Hollywood"/>    |
| <b>Website</b>  | <input type="text"/>  | <b>State/Province</b> * | <input type="text" value="California"/>   |
| <b>Has a NERC-Led Panel Request been submitted?</b> * | <input checked="" type="radio"/> No <input type="radio"/> Yes |                         |   |
| <b>Has a BES Exception Request been submitted?</b> *  | <input checked="" type="radio"/> No <input type="radio"/> Yes |                         |   |
| <b>Zip Code</b> *                                     | <input type="text" value="90027"/>                            |                         |   |
| <b>Country</b> *                                      | <input type="text" value="US"/> ✕ 🔍                           |                         |   |

Basic Information  
 Upstream Holding Companies  
 Contact Roles  
 Registration Scopes  
 Functional Mapping  
 Comments and Attachments

The record will be auto saved after selecting the Update Basic Information Request Button.

# New Entity Registration – Draft Application

- The record can be continued or accessed later as a draft

The screenshot shows a web interface for 'Entity Registration Requests'. At the top left, there is a breadcrumb 'Home / Entity Registration Requests'. The main heading is 'Entity Registration Requests'. Below this, there are two bullet points: 'This page is where an entity will start a new entity registration request to register with NERC and get a NERC Compliance Registry ID. This page also serves as a status screen for existing registration requests that are being processed by your Regional Entity(ies).' and 'Training Link - <https://vimeopro.com/nerclearning/cores-video-library>'. On the right side, there is a blue button labeled 'CREATE'. Below the text is a table with the following structure:

| Registration Status ↑ | Entity Name   | Function List | Region List |
|-----------------------|---------------|---------------|-------------|
| Draft                 | Running Solar |               |             |

A red circle highlights a dropdown arrow icon in the bottom right corner of the table row.

# New Entity Registration – Upstream Holding Company

- If applicable, enter the top tier Holding Company and NERC registered affiliates

### UPSTREAM HOLDING COMPANIES AND AFFILIATES

Has Companies? \*  
 No  Yes

[Add Company/Affiliates](#)

| Company Type<br>↑ | Non<br>Registered<br>Entity ↑ | Registered<br>Entity | NERC<br>Number<br>(Registered<br>Entity) | Description     |   |
|-------------------|-------------------------------|----------------------|--|-----------------|---|
| Affiliate         |                               | Test Company 2       | NCR55555                                 | NERC Affiliate  | ▼ |
| Holding Company   | AAA                           |                      |  | Holding Company | ▼ |

✓ Basic Information

✓ Upstream Holding Companies

○ Contacts

○ Registration Scopes

○ Functional Mapping

○ Comments and Attachments

Submit Entity Registration Req

**Note:** A list of NERC registered entities can be reviewed here: [NCR Active Entities List](#)

# New Entity Registration – Contacts

- **Add the following:** Primary Compliance Contact, Primary Compliance Officer, and Alternate Compliance Contact(s). **Note:** If the entity record is managed by another party, an owner representative must be listed within one of the contact roles.

Home / Entity Registration Requests / Contacts

- This form is where you will enter the contacts for your registering entity. The two required contacts for registration are Primary Compliance Contact and Primary Compliance Officer. Primary Compliance Officer and Authorizing Officer are synonymous. Registered entities may upload a document to describe the mapping between older terms and the new terms on the comment and attachment form. This form has other voluntary contact types available.
- [Training Link](#)

**CONTACTS**

[Add Contact](#)

| Role Type | Business Phone (Contact) | Mobile Phone (Contact) | Job Title (Contact) | E-mail (Contact) | Address 1 (Contact) | Name (Region) |
|-----------|--------------------------|------------------------|---------------------|------------------|---------------------|---------------|
| ↑ Contact |                          |                        |                     |                  |                     |               |

There are no records to display.

**Note:** Each contact must have an active ERO Portal account.

- Basic Information
- Upstream Holding Companies
- Contacts
- Registration Scopes
- Functional Mapping
- Comments and Attachments
- Submit Entity Registration Req

# New Entity Registration – Registration Scopes

- Add applicable functions and expected registration date

Home / Entity Registration Requests / Functional Registration Scopes

- This form is used for specifying the functional registrations for your organization as functions are defined in the Registry Criteria under the NERC Rules of Procedure. The function, region, jurisdiction and proposed effective date for the registration are required fields.
- [Training Link](#)

**REGISTRATION SCOPES**

[Add Registration Scope](#)

| Function ↑         | Region | Effective Date | Regulatory Jurisdiction | Description | Submitted By      |
|--------------------|--------|----------------|-------------------------|-------------|-------------------|
| Generator Operator | WECC   | 4/24/2024      | United States           |             | Abby Fellingner ▼ |
| Generator Owner    | WECC   | 4/24/2024      | United States           |             | Abby Fellingner ▼ |

- Basic Information
- Upstream Holding Companies
- Contacts
- Registration Scopes
- Functional Mapping
- Comments and Attachments
- Submit Entity Registration Req

This example applies to a GO/GOP.

The Commercial Operation Date (COD) should be entered as the **Proposed Effective Date** for registration.

# New Entity Registration – Functional Mapping

- Enter Functional Mapping
- For example, a GO would map to its BA, GOP, PA/PA, TO, TOP, TP, and RC

|   |   |       |       |       |    |    |     |    |
|---|---|-------|-------|-------|----|----|-----|----|
| Balancing Authority (BA)                            | > | RC    |       |       |    |    |     |    |
| Distribution Provider (DP)                          | > | BA    | PC/PA | TOP   | RC |    |     |    |
| Distribution Provider - UFLS Only (DP-UFLS)         | > | PC/PA |       |       |    |    |     |    |
| Generator Owner (GO)                                | > | BA    | GOP   | PC/PA | RC | TO | TOP | TP |
| Generator Operator (GOP)                            | > | BA    | RC    | TOP   |    |    |     |    |
| Planning Coordinator and Planning Authority (PC/PA) | > | RC    |       |       |    |    |     |    |
| Transmission Owner (TO)                             | > | PC/PA | RC    | TOP   | TP |    |     |    |
| Transmission Operator (TOP)                         | > | BA    | RC    |       |    |    |     |    |
| Transmission Planner (TP)                           | > | PC/PA | RC    |       |    |    |     |    |



# New Entity Registration – Comments and Attachments

- Upload all applicable documents

This form is used for specifying comments and attachments related to the registration.

- Attachments Link
- Training Link

### COMMENTS & ATTACHMENTS

Add Comment or Attachment

| Comment | Created On ↑ | Modified On | Modified By (Portal User) |
|---------|--------------|-------------|---------------------------|
|---------|--------------|-------------|---------------------------|

< 1 2 >

- ✓ Basic Information
- ✓ Upstream Holding Companies
- ✓ Contacts
- ✓ Registration Scopes
- ✓ Functional Mapping
- ✓ Comments and Attachments
- Submit Entity Registration Req

## Documents to Upload

- WECC Generation Registration Request Form
- One-line diagrams
- Commercial Operation Date (COD)
- Operations & Maintenance Agreements (if any)
- Generation Interconnection Agreement
- [ERO Enterprise GO GOP Asset Verification Form](#)

See slides 19 - 23 for examples of documents needed with the GO/GOP application.

# New Entity Registration – Submit Entity Registration

- Review the application and **Click to Submit Entity Registration** button

## APPROVAL STATUS

| Approval Type | Created On ↑ | Entity | Entity Registration Request | Regional Administration | Return Date | Submitted By |
|---------------|--------------|--------|-----------------------------|-------------------------|-------------|--------------|
|---------------|--------------|--------|-----------------------------|-------------------------|-------------|--------------|

There are no records to display.

Click to Submit Entity Registration

|   |                                |
|---|--------------------------------|
| ✓ | Basic Information              |
| ✓ | Upstream Holding Companies     |
| ✓ | Contacts                       |
| ✓ | Registration Scopes            |
| ✓ | Functional Mapping             |
| ✓ | Comments and Attachments       |
|   | Submit Entity Registration Req |

# New Entity Registration – Submit Entity Registration

## Process for New Registration Requests

Entity submits application and receives email confirmation

Regional Entity approves request or sends back for more information

If applicable, NERC approves application

Record moves to My Entity tab

NERC sends registration letter to PCC

# Timeline | Contact Information

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- Please submit requests 45-60 days ahead of the COD.
- If the planned COD changes, please send updates to [registration@wecc.org](mailto:registration@wecc.org).
- Please notify us when the facility reaches final COD.

# GO/GOP Information Collected Examples

## CORES Required Fields

- Registered Entity Name
- Address
- Affiliates and Holding Companies
- Contact Roles
- Entity Scopes (Registered Functions)
- Functional Mapping
- Comments and Attachments:
  - **Comment:** Describe facility project and phase(s)
  - **Attachment:** Zip folder of documentation referenced on this slide

## Registration Documentation Required

- WECC Generation Registration Request Form
- [GO GOP Asset Verification Form](#)
- Interconnection Agreements
- Third-Party or Operating Agreements
- Operating One-Line Diagrams
  - Depicting the Generation Resource(s) through to the Point of Interconnection w/Transmission Owner (TO)
- Nameplate Data for the individual PV Inverters

**Note:** Provided documentation should include accurate facility profile information (such as gross nameplate rating, capacity in-service agreement limitations, and inverter information). Explain if there are any discrepancies between documentation provided (such as Interconnection Agreement and One-line Diagram information).

# GO GOP Asset Verification Form

## ERO Enterprise GO GOP Asset Verification Form

Generator Owner (GO)/Generator Operator (GOP) Asset Verification Form for Category 2 Entities (Version Date: 11/22/2024)

Limited Disclosure (Once data has been entered and submitted)

Name: \_\_\_\_\_  
Registered Entity NCR ID: \_\_\_\_\_  
Revision Date: MM/DD/YYYY

Type: **Category 2**

|  |   |  |                                 |                      |  |                          |  |                           |                       |  |   |                                |  |  |  |   |   |   |  |  |                                |   |  |  |       |
|--|---|--|---------------------------------|----------------------|--|--------------------------|--|---------------------------|-----------------------|--|---|--------------------------------|--|--|--|---|---|---|--|--|--------------------------------|---|--|--|-------|
| Region<br>MISO, NERC, WE, SERC,<br>Texas RE, WECC<br>(Select from drop-down box) | State, Province, or<br>Territory where<br>Generation Resides<br>(Select from drop-down box) | Initial<br>Registration Date<br>of Asset | Generator Owner<br>(GO) NERC ID | Generator Owner (GO) | Generator<br>Operator (GOP)<br>NERC ID | Generator Operator (GOP) | Primary GOP Control<br>Center Location (State,<br>Province, or Territory)<br>(Select from drop-down box) | Plant<br>Name/Designation | Unit Name/Designation | Fuel Type<br>(Select from drop-down box) | Hybrid Resource<br>Facility Subcat<br>Type/Net? (Select from drop-down box) | Series Name/Seq<br>Rating (MW) | Reliability Coordinator<br>(RC) (Name and NCR) | Relieving Authority<br>(RA) (Name and NCR) | Transmission Operator<br>(TO) (Name and NCR) | Transmission Owner<br>(TO) (Name and NCR) | Transmission Planner<br>(TP) (Name and NCR) | Planning Coordinator/<br>Planning Authority<br>(PC/PA) (Name and NCR) | Distribution Provider<br>(DP) or Interconnect<br>Entity (Name and NCR) | Identify Voltage<br>or<br>Interconnection<br>to BES (kV) | Interconnect<br>Substation No. | If this is a dispersed<br>power producing<br>resource, identify the<br>entity responsible for<br>compliance at collection<br>bus. | Have any GO/GOP units been<br>delivered by a CFR, JRO, or Third<br>Party Agreement? If Yes, enter<br>delivered GO/GOP Unit Type - CFR,<br>JRO or Third Party Agreement and<br>then explain in the Notes Field. If no<br>delivered bus, enter the Delivered<br>Bus. | Is this Plant an Open<br>Access (O/A) Unit? If Yes, identify<br>owners and the party<br>who has compliance<br>responsibility under<br>the Notes Field. If no<br>delivered bus, enter the Delivered<br>Bus. | Notes |
|--|---|--|---------------------------------|----------------------|--|--------------------------|--|---------------------------|-----------------------|--|---|--------------------------------|--|--|--|---|---|---|--|--|--------------------------------|---|--|--|-------|

**Entity Information**

- Registered Entity Name
- Registered Entity NCR ID
- Revision Date

**Effective Date (Commercial Operations Date)**

**Relationships**

- Functional Relationships
- Responsibilities
- JRO / CFR / Third-Party Agreements
- Ownership

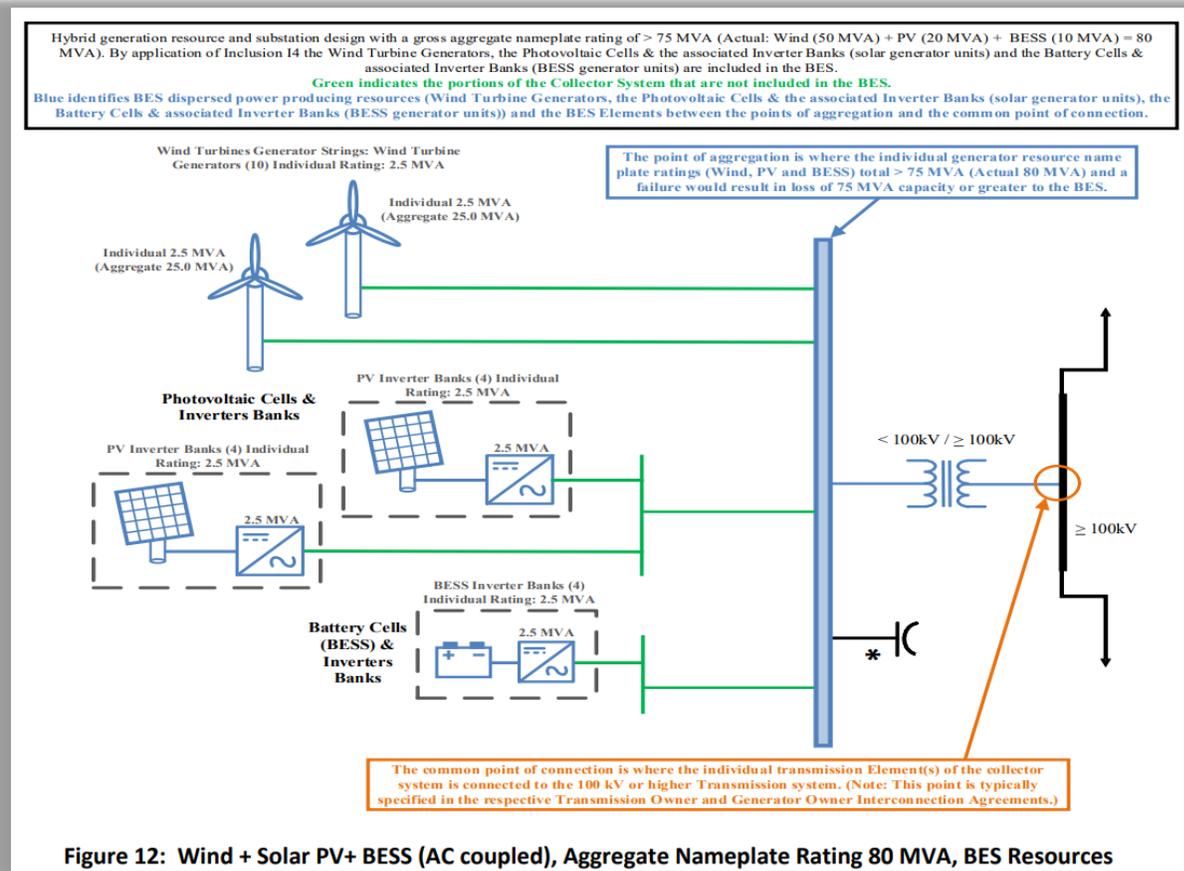
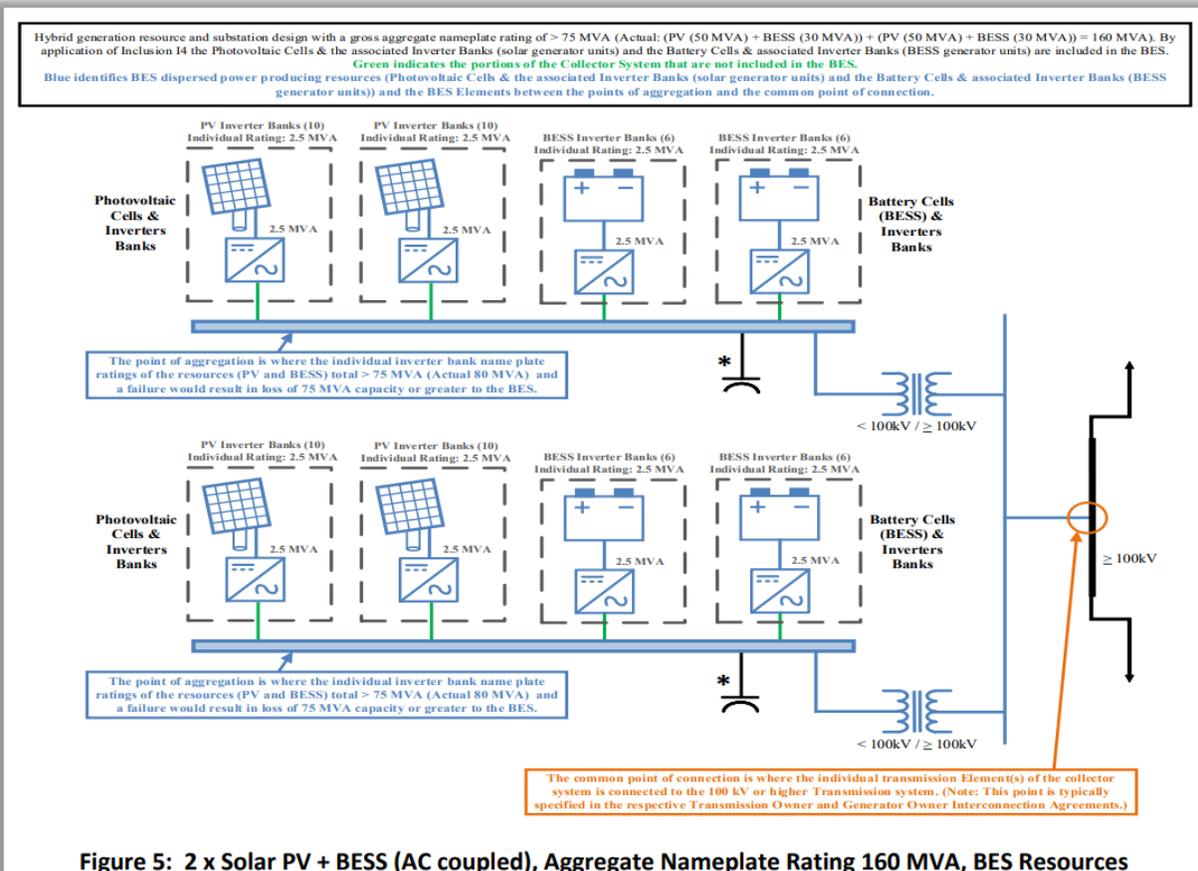
**Basic Registration Data**

- Region
- GO / GOP / NCRs
- Plant / Location (Region / State) / Unit / Type / Size / Hybrid
- GOP Control Center Location
- Connection Voltage / Location
- Generator Lead Line

# Operating One-Line Diagrams

One-Line Diagrams should depict the Generation Resource(s) through to the Point of Interconnection w/TO.

Specifically, diagrams should include the Interconnection Point and Collector System with feeders and individual ratings.



## Application of the BES Definition to BESS and Hybrid Resources

# Operating One-Line Diagrams – Inverter Nameplate

|                           | MODULE #1 | MODULE #2 | MODULE #3 |
|---------------------------|-----------|-----------|-----------|
| MODULE MFR                |           |           |           |
| MODULE MODEL              |           |           |           |
| MODULE STC RATING         |           |           |           |
| MODULE QUANTITY           |           |           |           |
| DC CAPACITY               |           |           |           |
| STRING SIZE               |           |           |           |
| STRING QUANTITY           |           |           |           |
| 3-STR TABLE QTY           |           |           |           |
| 2-STR TABLE QTY           |           |           |           |
| MAX DC SYSTEM VOLTAGE     |           |           |           |
| TOTAL DC SYSTEM SIZE      |           |           |           |
| INVERTER MFR              |           |           |           |
| INVERTER MODEL            |           |           |           |
| INVERTER OUTPUT VOLTAGE   |           |           |           |
| INVERTER AC OUPUT         |           |           |           |
| INVERTER QUANTITY         |           |           |           |
| AC SYSTEM SIZE (@ POI)    |           |           |           |
| DC/AC RATIO (@ POI)       |           |           |           |
| RACKING MFR               |           |           |           |
| RACKING MODEL             |           |           |           |
| RACK TYPE                 |           |           |           |
| MODULE ORIENTATION        |           |           |           |
| ARRAY TILT ANGLE          |           |           |           |
| ARRAY AZIMUTH             |           |           |           |
| ARRAY PITCH , (GCR)       |           |           |           |
| ASHRAE WEATHER STATION    |           |           |           |
| ASHRAE HIGH TEMP (0.4%)   |           |           |           |
| OWNER SPECIFIED HIGH TEMP |           |           |           |
| ASHRAE MIN EXTREME TEMP   |           |           |           |
| OWNER SPECIFIED MIN TEMP  |           |           |           |
| SITE ELEVATION            |           |           |           |

Redacted Site Map  
with Individual  
Inverters

# Manufacturer's Data Specifications – Solar/BESS Inverters

## Example of Datasheet Information



| Type designation  | SG3425UD-MV  | SG3600UD-MV   |
|---|--|---|
| <b>Input (DC)</b>                                       |  |   |
| Max. PV input voltage                                   | 1500 V   |   |
| Min. PV input voltage / Start-up input voltage          | 875 V / 915 V  | 915 V / 955 V   |
| Available DC fuse sizes                                 | 250 A - 630 A  |   |
| MPP Voltage Range                                       | 875 V - 1500 V   | 915 V - 1500 V  |
| Full power MPP voltage range @ 45 °C                    | 875 V - 1300 V *   | 915 V - 1300 V *  |
| No. of DC inputs  | 24 ( optional: 28 )  |   |
| Max. DC short-circuit current                           | 10000 A  |   |
| PV array configuration                                  | Negative grounding or floating                             |   |
| <b>Output (AC)</b>                                      |  |   |
| AC output power   | 3425 kVA @ 45 °C(113 °F ),<br>3083 kVA @ 50 °C(122 °F ) ** | 3600 kVA @ 45°C( 113 °F ),<br>3240 kVA @ 50°C(122 °F ) ** |
| Max. AC output current                                  | 165 A  | 173 A   |
| AC voltage  | 12 kV - 34.5 kV  |   |
| Nominal grid frequency / Grid frequency range           | 60 Hz / 57 Hz – 63 Hz                                      |   |
| THD   | < 3 % ( at nominal power )                                 |   |
| Power factor at nominal power / Adjustable power factor | > 0.99 / 0.8 leading - 0.8 lagging                         |   |
| <b>Efficiency</b>                                       |  |   |
| Inverter max. efficiency                                | 98.9 %   |   |
| Inverter CEC efficiency                                 | 98.5 %   |   |
| <b>Transformer</b>                                      |  |   |
| Transformer rated power                                 | 3425 kVA   | 3600 kVA  |
| Transformer max. power                                  | 3425 kVA   | 3600 kVA  |
| LV / MV voltage   | 0.6 kV / ( 12 – 35 ) kV                                    | 0.63 kV / ( 12 – 35 ) kV                                  |
| Transformer vector                                      | Dy1 ( Optional: Dy11, Yny0 )                               |   |
| Transformer cooling type                                | KNAN ( Optional: ONAN )                                    |   |

|  |  |  |
|--|--|--|
| <b>Protection</b>  |  |  |
| DC input protection  | Load switch + fuse   |  |
| Inverter output protection   | Circuit breaker  |  |
| AC MV output protection  | Load switch + fuse   |  |
| Overvoltage protection   | DC Type II / AC Type II  |  |
| Grid monitoring / Ground fault monitoring  | Yes / Yes  |  |
| Insulation monitoring  | Yes  |  |
| Overheat protection  | Yes  |  |
| <b>General data</b>  |  |  |
| Dimensions (W*H*D)   | 6058 mm * 2896 mm * 2438 mm 238.5" * 114.0" * 96.0"  |  |
| Weight   | 18000 kg 39683.2 lbs   |  |
| Degree of protection   | NEMA 4X ( Electronic for Inverter ) /NEMA 3R ( Others )  |  |
| Auxiliary power supply   | 5 kVA, 120 Vac; Optional: 30 KVA 480 Vac + 5 KVA 120 Vac   |  |
| Operating ambient temperature range(it refers to the ambient temperature of 1m around the inverter.) | -35 °C to 60 °C ( > 45 °C derating ) / optional: -40 °C to 60 °C ( > 45 °C derating )<br>-31 °F to 140 °F ( > 113 °F derating ) / optional: -40 °F to 140 °F ( > 113 °F derating ) |  |
| Allowable relative humidity range  | 0 % - 100 %  |  |
| Cooling method   | Temperature controlled forced air cooling  |  |
| Max. operating altitude  | 1000 m ( Standard ) / > 1000 m ( Customized )<br>( 3280.8 ft ( standard ) / > 3280.8 ft ( Customized ) )   |  |
| DC-Coupled storage interface   | Optional   |  |
| Night reactive power function  | Optional   |  |
| Charging power from the grid   | Optional   |  |
| Communication  | Standard: RS485, Ethernet  |  |
| Compliance   | UL 1741, IEEE 1547, UL 1741 SA, NEC 2017, CSA C22.2 No.107.1-01  |  |
| Grid support   | Q at night function (optional), L/HVRT, L/HFRT, Active & reactive power control and power ramp rate control, Volt-var, Frequency-watt  |  |

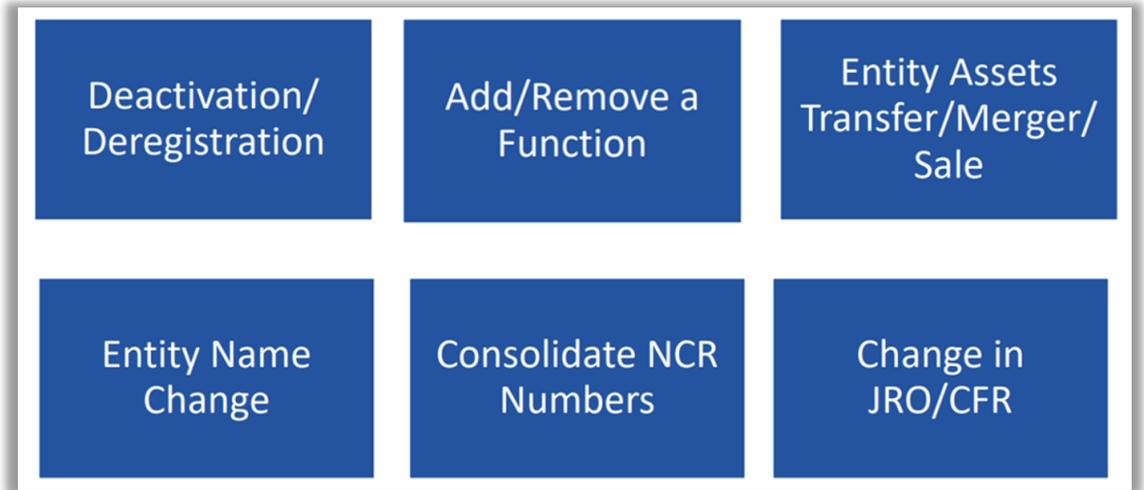
\* Full power MPP range is temperature dependent, check the characteristic curve of the inverter for more information

\*\* For sustained operation above 40°C, an optional 60 °C temperature rise transformer is recommended

[SG3425UD-MV SG3600UD-MV Datasheet V17 SUNGROW](#)

# Timeline of Reporting Registration Changes

- Please submit registration activity requests 45-60 days ahead of the expected effective date of change.
- The request should be sent to [registration@wecc.org](mailto:registration@wecc.org).
- Please notify WECC when the registration activity is complete (when the effective date is reached).



# Adding Assets to Existing Registration

- Footprint Change Process
  - Sign in to ERO Portal
  - Access CORES for your entity
  - Click on “Comments and Attachments” to add a description of change
  - Send an email to [registration@wecc.org](mailto:registration@wecc.org)
  - Respond to information requests

## Example of Footprint Change in CORES

Please accept this as a notification of **Perfect Power**'s request to add the **Cactus Storage** Facility to its registration under **NCR00000** as a GO/GOP with a tentative effective registration date of **04/01/2025**. The Battery Facility is comprised of **24 Power Electronics PCSM Gen 3 FP4200M2** Inverters at **4.2 MVA** each, which is a gross nameplate rating of **100.8 MVA** and is connected to the grid at **230 kV** in the WECC Region.

**Cactus Storage, LLC** is submitting the following documents pertaining to **Cactus Storage** for WECC's review:

- WECC Generation Registration Request Form
- GO GOP Asset Verification Form
- As-built Operating One-Line Diagrams
- Interconnection Agreements
- O&M Agreement
- Nameplate Data for the individual Inverters

# International Registration/Changes

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- All new international registrations should be submitted via WECC's [international registration form](#)
- All requests to change a functional registration must use the [international registration form](#)
  - Example: an entity that believes it no longer meets the criteria of a Distribution Provider (DP) must first complete the registration form and send it to [registration@wecc.org](mailto:registration@wecc.org) to start the evaluation process by WECC
- WECC registration will then notify the WECC International Relations Manager of the request

# Registration Resources

## WECC Registration Page

- [WECC Entity-Registration](#)

## NERC Registration Page

- [NERC Organization Registration](#)
  - [CORES Video Library](#)
  - [CORES End User Guide](#)
  - [ERO Enterprise Registration Procedure](#)

## Onboarding Information

[ERO Enterprise 101 Informational Package](#)

[ERO Enterprise Entity Onboarding Checklist](#)

[WECC Generator Welcome Package](#)



Electric Reliability and Security for the West

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[www.wecc.org](http://www.wecc.org)