New Resource Implementation

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Objectives

• New Resource Implementation (NRI) process
  • Getting started
  • Bucket Requirements
  • RIMS Reminders
  • Tips for success

• NRI Hot Topics in 2020!
  • SC Association Process Update
  • GRDT
• Full Network Model Schedule
• Hybrid Resources
NRI Process

Shawna Warneke, Resource Management Specialist
For some interconnection customers (IC), such as distribution connected and QF resources, New Resource Implementation (NRI) will be the first point of contact at the ISO.

New Resource Implementation ensures that a resource requirements are met before:

- Initial sync
- Commercial operations
- Qualified Facility conversions
Getting Started

Home > Participate > New Resource Implementation

New Resource Implementation process and requirements

This webpage contains the guidelines, deliverables and activities needed during the final 203 days of interconnection projects to successfully complete resource implementation to the ISO grid.

Getting started

1. Determine how to start a project at the ISO.
   Using the resource list below, determine how you will submit your project request to the ISO.

   - Resource project types to be created through NRI:
     - Distributed Energy Resource (DERP)
     - SCME EIM onboarding
     - SCME EIM Updates
     - Existing resources converting from ISOME to SCME

   Use:
   - New Resource Implementation Quick Start Guide
   - Project Details Form

   All other project types to be created through RIMS:

   Use:
   - RIMS Quick Start Guide
   - RIMS Project Details Form
   - Create RIMS Project

2. Review New Resource Implementation Guide
   Follow the guide to ensure a smooth transition from build to bid in the ISO markets

3. Review New Resource Implementation Checklist
   The checklist provides requirements based on project type.

If you have questions, please submit them either through the CIDI application or using the Contact Us form. If you have a project code, please include it (i.e., 19GEN1234) in the Subject field in CIDI. If submitting your question(s) through Contact Us, please select “Other” from the subject drop down and include the project code, if you have one, in the Comment field.
Creating a project

The first step of the NRI process is to:

• Submit a Project Details Form through the RIMS Public Site
  Participate → Generation → New resource implementation → Create RIMS project

• Submit Project in advance of your estimated initial sync or Implementation date

• Once successfully submitted, your project will be assigned a NRI project code (i.e. 20GEN1234)

• You will need this project code to get access to your project in RIMS
## Bucket Requirements

### Bucket Items

<table>
<thead>
<tr>
<th>Bucket Item Name</th>
<th>Required?</th>
<th>File Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLD</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>IA</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3LD</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>CommBlock</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>RIGDetails</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>DYNGEN</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>PSLF</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>NetAppInfo</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>TopoMap</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>SiteInfo</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

### Bucket 2

<table>
<thead>
<tr>
<th>Bucket Item Name</th>
<th>Required?</th>
<th>File Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>MeterConfig</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>FinalGRDT</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>PIRPLOI</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>CECPreCert</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>ControlProtection</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>SCSSelection</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>SCAcceptance</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>24HourContact</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>CPSAgreement</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>ECNAgreement</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

### Bucket 3

<table>
<thead>
<tr>
<th>Bucket Item Name</th>
<th>Required?</th>
<th>File Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTO Sync Approval</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>PORCalc</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>MSVS</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Final Control Protection</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>
RIMS Reminders

• Keep project information current and accurate

• Bucket due dates are automatically enforced by the system

• Status of Bucket Items can be found under Bucket Notes and in the FNM Project emails

• Assigned Model Build can be found in the project view

• Sync/COD approval status can be monitored with the RIMS project view
Tips for success

• Review the NRI Guide and Checklist
• Review required project and file naming conventions
• Start the NRI process early and submit documents well before due dates
• Get access to your project in RIMS
  – UAARequests@caiso.com
• Read all email communications from RIMS
• Include your project code in all email inquiries
• Start/Update Agreements early
NRI Hot Topics - 2020

Christina Weiler, Resource Management Specialist
New SC Association Process

• SC Association will be able to be completed through RIMS UI
• Interconnection Customer will select their SC within RIMS
• SC will have an SC portal with ability to accept the associated roles and responsibilities and agree (or disagree) to the effective date that the IC selected.
• Stay tuned for an email notification with additional details as this initiative goes live
New SC Association Process

Data has changed, please save changes before exiting

SC Information

SCID: ▼

SC Name:

Phone: 

Email: 

SC Assoc Date: (DD/MM/YYYY)

Select Date

Disclaimer: □ View Disclaimer

Note: If Disclaimer checkbox is not checked, SC Selection is not effective.
GRDT Supporting Docs now required

• Supporting explanation is required with GRDT giving details of how the resources design capabilities were calculated (Section 4.6.4)

• Submit into RIMS in an excel format with the following file naming convention:

  Document Title: **GRDT Explanation**
  File naming ex: 18GEN1234 FinalGRDT Explanation Ver1

  Document Title: **GRDT Supporting Docs**
  File naming ex: 18GEN1234 FinalGRDT Supporting Doc Ver1
Full Network Model Schedule

Marissa Arechavaleta, Resource Management Analyst
2020 Full Network Model Schedule

- Submission Deadline
- Review Period
- Final Scope Published

- Production Deployment
- Master File Data Freeze

<table>
<thead>
<tr>
<th>FNM Label</th>
<th>Customer Model Document Submission Deadline</th>
<th>ISO Publishes Final Scope</th>
<th>Production Deployment</th>
</tr>
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<tbody>
<tr>
<td>20M3</td>
<td>N/A¹</td>
<td>N/A¹</td>
<td>Week of 3/16/2020</td>
</tr>
<tr>
<td>20M4</td>
<td>2/14/2020</td>
<td>2/21/2020</td>
<td>Week of 4/20/2020</td>
</tr>
<tr>
<td>20M6</td>
<td>2/28/2020</td>
<td>3/20/2020</td>
<td>Week of 6/1/2020</td>
</tr>
<tr>
<td>20M8</td>
<td>5/22/2020</td>
<td>6/12/2020</td>
<td>Week of 8/10/2020</td>
</tr>
<tr>
<td>20M9</td>
<td>6/26/2020</td>
<td>7/17/2020</td>
<td>Week of 9/14/2020</td>
</tr>
<tr>
<td>20M10</td>
<td>7/31/2020</td>
<td>8/21/2020</td>
<td>Week of 10/19/2020</td>
</tr>
<tr>
<td>20M12</td>
<td>9/11/2020</td>
<td>10/2/2020</td>
<td>Week of 12/7/2020</td>
</tr>
</tbody>
</table>

¹ N/A means that the submission deadline is not applicable.
2020 Full Network Model Schedule

- 4/17/2020: 20M7 Submission Deadline
- 5/9/2020: RIMS Project "Bucket 1 Due Date"
- 7/6/2020: 20M7 Prod Effective Date
- 8/1/2020: COD Date

4/1/2020 - 4/17/2020
Project must be created & docs submitted and Accepted prior to the 84 day timeframe

5/9/2020 - 8/1/2020
Current 84 Day RIMS Schedule

8/1/2020: Implementation Date
9/1/2020
Hybrid Resources

Marissa Arechavaleta, Resource Management Analyst
Hybrid Resources

• **Hybrid resource**: combination of multiple technologies or fuel sources combined into a single resource with a single point of interconnection

• Hybrid Resources Initiative
  
  [http://www.caiso.com/StakeholderProcesses/Hybrid-resources](http://www.caiso.com/StakeholderProcesses/Hybrid-resources)
Hybrid Resources

- NRI Process Updates
- Checklist
- Updated Site Info Sheet (*Solar & Wind*)

<table>
<thead>
<tr>
<th>Plant Location</th>
<th>Corner #1</th>
<th>Corner #2</th>
<th>Corner #3</th>
<th>Corner #4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use as many points as necessary to describe the site (Use WGS84 only)</td>
<td>.</td>
<td>.</td>
<td>.</td>
<td>.</td>
</tr>
</tbody>
</table>

**Section below is regarding Hybrid Resources only:**

<table>
<thead>
<tr>
<th>If Hybrid please state:</th>
<th>Name plate capacity of solar component:</th>
<th>Name plate capacity of battery:</th>
<th>MW Point of Interconnection (POI) Agreement:</th>
<th>Solar Component Forecast:</th>
</tr>
</thead>
</table>

**Note:** “See topographical map” is not acceptable statement on this Solar Site Info Sheet.
Resources: NRI Webpage, Checklist, and Guide

- Hybrid Initiative: http://www.caiso.com/StakeholderProcesses/Hybrid-resources
Questions?