2020 ITP Economic Generation and Load Review – Pass 1

SPP Staff is requesting review of generation parameters and load data utilized in the 2020 ITP Powerbase model. Please submit all changes by **September 28, 2018** through the SPP Request Management System (RMS) using the ‘Integrated Transmission Planning (ITP)’ Quick Pick and ‘Data Submission’ Subtype.

This is the first of three (3) passes for review of the datasets. The projected generation and load review schedule is:

- **Pass 1** – September 14 - 28, 2018
- **Pass 2** – October 12 - 26, 2018
- **Pass 3** – November 21 – December 7, 2018

The workbooks contains the following parameters:

**Generation Data to be reviewed:**

- Annual Capacity
- Curtailment
- Variable O&M
- Fixed O&M
- Must Run
- Annual Maintenance Hours
- Minimum Run Times
- Minimum Capacity
- Effluents
- Effluents (% Removed)
- Fuel Forecast Usage
- Energy Limits and Hydro Energy Limits
- Heat Rate
- Capacity Segment

**Generation Data to be surveyed:**

- Commission/Retirement Dates
- AC Bus Mapping
- Unit Ownership Percentages
- Renewable Accreditation
- Fleet Purchase Power Agreements
Load Data to be reviewed:

- Demand Group Mapping
- Peak Load
- Monthly Peak & Energy Percentages
- Non-scalable and Scalable Loads
- Hourly Load Profile Assignments

Load Data to be surveyed:

- Station Service Loads
- Annual Load Factor
- Annual Loss Factor

*Note: Powerflow information for Pass 1 of the generation and load review originates from Pass 1 of the 2020 ITP Base Reliability Powerflow models.*

**Material Disclaimer**

CONTAINS CONFIDENTIAL AND PROTECTED MATERIAL NOT AVAILABLE TO COMPETITIVE DUTY PERSONNEL – DO NOT RELEASE

**Information for obtaining the 2020 ITP Economic Generation and Load Data**

The generation and load workbooks are posted on GlobalScape under “ITP → ITP → NCD (CEII, RSD) → License_NDA → 2020 ITP.”

In order to obtain access to these documents in GlobalScape, stakeholders must provide SPP with a signed confidentiality agreement. Instructions can be obtained by clicking on the link. Please submit these forms via RMS through the “GlobalScape Access Request” Quick Pick. After the executed confidentiality agreement is received, an account will be created for the requester on GlobalScape. An email with instructions for logging in will be sent to the requester. For those that already have a GlobalScape, no additional action is necessary.

**FILE Information**

<table>
<thead>
<tr>
<th>File Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>2020 ITP Economic Generation Data Submittal_20180914.xlsx</td>
<td>Generation Data</td>
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<tr>
<td>2020 ITP Economic Load Data Submittal_20180914.xlsx</td>
<td>Load Data</td>
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</tbody>
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Helpful Links

- Transmission Owner Selection Process (formerly Order 1000) home page
  - Order 1000 Documents
  - Detailed Project Proposal (DPP) page
- SPP Transmission Planning Page
  - All notice postings previously on the SPP.org home page are now on this page
  - ITP Postings (formerly in Order 1000 Documents folder)
- SPP Request Management System (SPP RMS) is the preferred method for inquiries and data submissions. Click on this link and then “Register Now” if you are not already registered.
  - Quick Picks to use in RMS:
    - “GlobalScape Access Request” Quick Pick for access to GlobalScape for models
    - “ITP-Project Inquiry” Quick Pick for questions/comments regarding projects
    - “ITP-Modeling Inquiry” Quick Pick for input regarding modeling
    - “ITP-DPP Submittal” Quick Pick for DPP submissions
    - “ITP-Data Submission” Quick Pick for responses to ITP data requests and surveys from SPP
- SPP RMS is the preferred method for receiving all inquiries and solution submittals.