

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

File Name	Description
2020 ITP Economic Generation Data Submittal_20180914.xlsx	Generation Data
2020 ITP Economic Load Data Submittal_20180914.xlsx	Load Data

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.