

2020 ITP Economic Generation and Load Review – Pass 2 Update

SPP Staff is requesting review of generation parameters and load data utilized in the 2020 ITP Powerbase model. Please submit all changes by **October 31, 2018**, through the SPP Request Management System ([RMS](#)) using the “Integrated Transmission Planning (ITP)” Quick Pick and “Data Submission” Subtype.

This is the second 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 17 - 31, 2018

Pass 3 – November 21 – December 7, 2018

- Reposting Pass 2 to accommodate the following approval items from ESWG:
 - Approval of a separate load forecast for Resource Planning purposes
 - Approval of the default accreditation of existing renewables not submitted through the generation review
- Workbook Updates since 10/12 Posting:
 - Language for Renewable Accreditation was added in the Generation Review Instructions tab
 - Resource Planning Load tab was added in the Load Review workbook

Review Data is provided to SPP Stakeholders for review and does not require updates. Survey Data is data which is requested to be updated and is provided by SPP Stakeholders to SPP. The workbooks contain the following parameters:

Generation Data to be reviewed:

- Pmax value¹
- Bus and ID Mapping¹
- Maximum Capacity and Annual Profiles
- 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

¹ Originates from the ITP Base Reliability Powerflow models

- Heat Rate & Heat Rate Profiles
- Capacity Segment

Generation Data to be surveyed:

- Commission/Retirement Dates
- Unit Ownership Percentages
- Renewable Accreditation
- Fleet Purchase Power Agreements

Load Data to be reviewed:

- Bus and ID Mapping¹
- Demand Group Mapping
- Peak Load¹
- 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
- Resource Planning Load

Generation review retirements should be consistent with the 2020 ITP Base Reliability model generation retirements. The 2020 ITP Base Reliability model retirements are designated as having Pmax, Pmin, Qmax, Qmin = 0.

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](#).

For users who have signed an NDA please look under “ITP → ITP → NCD (CEII, RSD) → License_NDA → 2020 ITP

File Information

File Name	Description
2020_ITP_Economic_Generation_Data_Submittal_20181017.xlsx	Generation Data
2020_ITP_Economic_Load_Data_Submittal_20181017.xlsx	Load Data

File Name	Description
ITP_Economic_Model_Data_Requests_Approved 20181011.docx	Details pertaining to all data request for generation and load review
2020_ITP_Gen_Load_Stakeholder_Feedback_Score_Card.xlsx	Stakeholder feedback score card

For users who have signed an ABB NDA please look under “ITP → ITP → NCD (CEII, RSD) → ABBNDA_NDA → 2020 ITP

File Information

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2020_ITP_Economic_Generation_Data_Submittal_20181017.xlsx	Generation Data
2020_ITP_Economic_Load_Data_Submittal_20181017.xlsx	Load Data
ITP_Economic_Model_Data_Requests_Approved 20181011.docx	Details pertaining to all data request for generation and load review
2020_ITP_Gen_Load_Stakeholder_Feedback_Score_Card.xlsx	Stakeholder feedback score card

For users who have signed NCD NDA please look under “ITP → ITP → NCD (CEII, RSD) → NDA → 2020 ITP

File Information

File Name	Description
2020_ITP_Economic_Load_Data_Submittal_20181017.xlsx	Load Data
ITP_Economic_Model_Data_Requests_Approved 20181011.docx	Details pertaining to all data request for generation and load review
2020_ITP_Gen_Load_Stakeholder_Feedback_Score_Card.xlsx	Stakeholder feedback score card

For users who have signed a CD NDA please look under “ITP → ITP → CD (CEII, RSD) → NDA → 2020 ITP

File Information

File Name	Description
2020_ITP_Economic_Load_Data_Submittal_20181017.xlsx	Load Data
ITP_Economic_Model_Data_Requests_Approved 20181011.docx	Details pertaining to all data request for generation and load review
2020_ITP_Gen_Load_Stakeholder_Feedback_Score_Card.xlsx	Stakeholder feedback score card

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.

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.