2019 ITP Economic Model _Pass 1_
and Generation and Load Review – Post Approval

Pass 1 of the 2019 ITP Year 2 (Y2) Economic model has been posted to GlobalScape with accompanying "Generation Review – Post Approval" and "Load Review – Post Approval" workbooks. Stakeholders' efforts should focus on reviewing changes made to the approved generation and load review that are reflected in the posted workbooks, and ensuring the workbook information has been captured in the Economic model.

The "Generation Review – Post Approval" and "Load Review – Post Approval" review workbooks contain the following changes and additions made to the approved generation and load review:
- "PROMOD Implementation Changes" needed for incorporation of the data into PROMOD
- "Material Changes" to reflect:
  - Changes due to staff and stakeholder discrepancies which were discovered after the January 24, 2018 posting for approval
  - Recommended changes resulting from staff and stakeholder efforts to resolve generation resource retirement date discrepancies between the Base Reliability Powerflow and the approved Generation Review
- Additional Future 1 and Future 2 generation resource retirement dates per 2019 ITP Scope criteria

SPP staff is requesting feedback on the additional Future 1 and Future 2 generation resource retirement dates and the incorporation of the generation and load review into the Y2 Economic model.

The deadline to provide feedback on the generation resource retirement dates is February 20, 2018. SPP staff will be seeking approval of the recommended Generation and Load Review adjustments and the generation resource retirements dates at the February 21 TWG and the February 22 ESWG meetings for the purposes of proceeding with the Conventional Resource Plan milestone of the 2019 ITP.

The deadline to provide feedback on the incorporation of the recommended Generation and Load Review adjustments into the Y2 Economic model is February 23, 2018.

A summary of changes made to the Generation and Load Review workbooks and the current state of the Y2 Economic model database is listed below.

Y2 Economic model overview:
- Base PROMOD model is the ABB F16
- PROMOD IV 11.1.12 is currently being used
- Non-translating model
- External and Internal Area structure set
- Includes SPP Load and Generator Review – post approval data
- Includes units added through the RAR process
- Includes 2019 ITP Y2 Pass 4 powerflow model and associated bus mappings
- Hurdle Rates renamed to match area restructure
- Includes Wind and Solar profiles for existing units and associated annual energy (GWh)
- Common Planning Model generation resource retirement date

The following has **not** been incorporated into the PROMOD model:

- External load and generation updates
- DC Tie profiles
- Renewable pricing
- 2019 ITP Pass 5 powerflow updates
- Future 1 Year 5, Future 1 Year 10, Future 2 Year 5, Future 2 Year 10 scenarios and accompanying future specific data

Material Disclaimer

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

Information for obtaining posted data:

In order to obtain access to these documents in GlobalScape, stakeholders must provide SPP with the following signed confidentiality agreements. Instructions can be obtained by clicking on the link. Please submit these forms via **RMS** through the "Request Globalscape Access" 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 GlobalScape access, no additional action is necessary.

As a reminder, instructions for requesting access to the model information can be found on the SPP website here.

In order to obtain access to SPP's current PROMOD version, please email PB_Support.PGES@abb.com and request to receive the delivery number "Spp103420".

These files can be found on GlobalScape under "*ITP (CEII, RSD)* → *ITP* → *Non-Competitive*" in the "License_NDA" folder.

For users who license ABB nodal simulation ready software:

Folder or File Name	Description
2019 ITP Y2 Economic model Scenario_Pass 1	Year 2 non-translating base case scenario.

These files can be found on GlobalScape under "*ITP (CEII, RSD)* → *ITP* → *Non-Competitive*" in the "ABBNDA_NDA" folder.

For users who have signed an ABB NDA:

File Name	Description
2019 ITP Y2 Economic model Inputs_Pass 1.zip	Spreadsheet containing Year 2 PROMOD Scenario inputs
2019 ITP Load Data Submittal_20180124_Post Approval.zip	Approved Load Review with implementation and material changes.
2019 ITP Generator Data Review and Submittal_Master_20180124_Post Approval.zip	Approved Generator Review with implementation and material changes.

Summary of Changes to Generation and Load Review – Post Approval.zip	Summarizes changes by each tab and company to help narrow changes down since last posting

Helpful Links

- [Transmission Owner Selection Process (formerly Order 1000) home page](#)
  - o [Order 1000 Documents](#)
  - o [Detailed Project Proposal (DPP) page](#)
- [SPP Transmission Planning Page](#)
  - o [All notice postings previously on the SPP.org home page are now on this page](#)
  - o [ITP Postings (formerly in Order 1000 Documents folder) here](#)
- 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.
  - o Quick Picks to use in RMS:
    - ▪ "**Request Globalscape Access**" 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.