

Idaho Power Transmission Business Practices

Section 21 – Transmission Planning

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Transmission planning processes are dynamic and involve interactions with multiple stakeholders. Some of these links and documents are not under the direct control of Idaho Power. Documents and links may be updated periodically during the biennial planning cycles. They are provided here to facilitate an open and transparent transmission planning process as prescribed in Idaho Power’s OATT Attachment K. As such, prior to the beginning of Q1 and Q5 of the Local Transmission Plan processes (January of each year) Idaho Power will validate and update links and documents, in addition to periodic updates during the planning cycles. Most documents will contain a version or date to indicate the last revision. Documents may be valid, even if older than one year.

If any links contained in this document are broken, please email CommercialOperations@idahopower.com

21.1 Planning Process Overview

Idaho Power’s transmission planning processes include three parts: Local Planning Process, Regional Planning Process, and Interregional Coordination and Cost Allocation. Obligations regarding each of these concurrent processes are outlined in Attachment K.

21.2 IPC Local Transmission Planning Process (Part A)

Idaho Power’s Local Transmission Plan (LTP) is developed during the biennial planning cycle and intended to correspond and compliment the Integrated Resource Plan (IRP) requirements, where they exist, of states where Idaho Power serves retail customers, in addition to fulfilling transmission planning obligations under the OATT.

21.2.1 Study Cycle Timeline (5.2.a)

Idaho Power’s biennial schedule and study cycle for the Local Transmission Plan (LTP) eight quarter process is shown in the Figure below. Refer to Attachment K for more detail on the activities of each quarter.

<u>Biennial Planning Cycle and Schedule</u>					
Biennial Transmission Planning Cycle				Economic Study Cycle	
	Months	Quarter	Activity	Activity	
Even Years	JAN-MAR	Qtr 1	Information Gathering	Receive and Prioritize Requests	
	APR-JUN	Qtr 2	Study Plan and Assumptions	Study	
	JUL-SEP	Qtr 3	Draft Plan Analysis	Report/Review Results	
	OCT-DEC	Qtr 4			
Odd Years	JAN-MAR	Qtr 5	Draft Study Results and Review	Receive and Prioritize Requests	
	APR-JUN	Qtr 6	Economic Studies and Cost Allocation Process	Study	
	JUL-SEP	Qtr 7	Final Plan Report and Review	Report/Review Results	
	OCT-DEC	Qtr 8	Final Plan		

Figure 1: Biennial Planning Cycle and Schedule

As stated in Part A of Idaho Power’s Attachment K, stakeholders may submit data to be evaluated as part of the preparation of the Local Transmission Plan. The information must include a sufficient level of detail (e.g., location, data sources, resource type, existing and expected peak capacity, transmission voltage levels, in service date(s), associated loads/resources, etc.) to properly evaluate the proposal. All stakeholder submissions will be evaluated on a basis comparable to data and submissions required for planning the transmission system for both retail and wholesale customers, and solutions will be evaluated based on a comparison of their relative economics and ability to meet reliability criteria. Submissions should be directed to CommercialOperations@idahopower.com no later than the end of Quarters 1 or 5, as applicable. Incomplete requests will first be returned for completion to the requesting party. If not completed, such request will be rejected.

21.2.2 Meeting Schedules and Information (5.2.c, 5.2.d, 5.2.e)

Current meeting information is maintained at:

https://www.oasis.oati.com/PCO/PCOdocs/Idaho_Power_Transmission_Planning_Meeting_Calendar.docx

Past meeting information is maintained at:

https://www.oasis.oati.com/PCO/PCOdocs/Idaho_Power_Transmission_Planning_Past_Meeting_Information.docx

21.2.3 Transmission Planning Notices (5.1.3)

Idaho Power maintains Local Transmission Plan process information on the Idaho Power OASIS site whereby any person may access notices and materials related to the Local Transmission Plan process.

21.2.4 Economic Study Requests (5.2.b)

Economic Study Requests received, along with any responses are maintained on Idaho Power's OASIS site under the Transmission Planning – Economic Studies folder. To submit an economic study request under Attachment K of the Tariff, requestor must complete the written Economic Study Request form located on Idaho Power's OASIS site under the Transmission Planning – Forms folder, and submit the form to CommercialOperations@idahopower.com.

The Economic Study Request form is located at:

http://www.oasis.oati.com/PCO/PCOdocs/Economic_Study_Request_Form.docx

The Economic Study Request submittals are located at:

https://www.oasis.oati.com/PCO/PCOdocs/Economic_Study_Request_Queue.pdf

The Economic Study Request Results are located at:

https://www.oasis.oati.com/PCO/PCOdocs/Economic_Study_Request_Results.pdf

Economic Study Requests will be classified by Idaho Power as Local or Regional per Part A of Attachment K.

21.2.5 Local Transmission Plan Information (5.2.f, 5.2.g, 5.2.h, 5.2.i, 5.2.j, 5.2.l, 5.2.m)

The current Local Transmission Plan information, as may be updated during the planning cycle, is contained in the Transmission Planning/Local Transmission Plan subfolder on OASIS (located at the link below), including the study plan, comments on the plan and their responses, draft and final versions of the current plan, final versions of previous planning cycle plans (if any), and other documents in draft or

final versions related to the local planning process. Additional information may also be contained in various sub-folders under the Transmission Planning folder.

<http://www.oasis.oati.com/ipco/index.html>

21.3 NorthernGrid Regional Planning Process (Part B, 5.2.k)

Idaho Power's transmission planning processes include three parts: Local Planning Process, Regional Planning Process, and Interregional Coordination and Cost Allocation. Obligations regarding each of these concurrent processes are outlined in Attachment K.

Additional regional transmission planning information is maintained by NorthernGrid. The link to the NorthernGrid web site is <http://www.northerngrid.net>

The NorthernGrid web site contains members, process documents and meeting information, data submittals, reports, and other general information.

21.3.1 Northern Grid Study Data Gathering

As stated in Part B of Idaho Power's Attachment K, stakeholders may submit data to be evaluated as part of the preparation of the coordinated regional study process. The information must include a sufficient level of detail (e.g., location, data sources, resource type, existing and expected peak capacity, transmission voltage levels, in service date(s), associated loads/resources, etc.) to properly evaluate the proposal. All stakeholder submissions will be evaluated on a basis comparable to data and submissions required for planning the transmission system for both retail and wholesale customers, and solutions will be evaluated based on a comparison of their relative economics and ability to meet reliability criteria.

21.3.2 Enrolled Parties Planning Committee Charter

Contains participation, representatives, meetings, chair, and decision-making information for the NorthernGrid regional planning process. The current version of the Enrolled Parties Planning Committee Charter can be found on the NorthernGrid Resources site at:

https://www.northerngrid.net/private-media/documents/2020.04.01.NG_Enrolled_Planning_Committee_Charter.pdf

21.3.3 Other Supporting Documents

Enrolled Parties and States Committee Charter – Contains the Committee's membership requirements, responsibilities, and review process. The current version of the Enrolled Parties and States Committee Charter can be found on the

NorthernGrid Resources site at:

https://www.northerngrid.net/private-media/documents/2020.04.01.NG_Enrolled_Parties_and_States_Committee_Charter.pdf

Regional Transmission Planning Flowchart – Flowchart containing the planning process steps and decisions for completing NorthernGrid’s Biennial Planning Process.

https://www.northerngrid.net/private-media/documents/NorthernGrid_Planning_Process_Diagram_with_Quarters_Final_1_28_2020.pdf

Cost Allocation Flowchart – Flowchart containing the steps and decisions for selecting a project for the purposes of cost allocation.

https://www.northerngrid.net/private-media/documents/NorthernGrid_Planning_Process_Diagram_with_Quarters_Final_1_28_2020.pdf

Cost Allocation Task Force Charter – Contains the Task Force’s participation, meetings, and chair information. The current version of the Cost Allocation Task Force Charter can be found on the NorthernGrid Resources site at:

https://www.northerngrid.net/private-media/documents/NorthernGrid_Cost_Allocation_Task_Force_Charter.pdf

Section 21 – Transmission Planning

Version Control Information

Version Number: 8

Effective Date: 08-16-2021

Version History

Version	Date	Description
8	08-16-2021	Changed contact information.
7	10-23-2020	Revised to change NTTG references to NorthernGrid.
6	03-01-2019	Revised to reflect latest Attachment K. Removed reference to the Open Access Forum (OAF).
5	12-10-2012	Corrected links to OASIS to reflect the new url due to OATI cloud migration.
4	06-28-2010	Fixed broken links in section 21.2.5.
3	09-14-2009	Revised to incorporate changes requested in the 205 and 206 compliance filings.
2	04-06-2009	Revised OAF link
1	12-17-2008	Revision of entire business practice adding more detail.
0	12-07-2007	Initial Version Release