

Idaho Power Transmission Business Practices

Section 21 – Transmission Planning

Effective Date: April 6, 2009

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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 post a comment and a copy of the link on the Open Access Forum in the planning folder at:

<http://openaccess.idahopower.com/fusetalk/forum/>

or email Kathy Anderson at: <mailto:KathyAnderson@idahopower.com>

21.1 Planning Process Overview

Idaho Power’s transmission planning processes include three parts; local, sub-regional, and regional. Obligations regarding each of these concurrent processes are outlined in Attachment K. To provide stakeholders an overview of the processes, please refer to the information below and the document called Western Systems Transmission Planning Guidance for Customer and Stakeholder Participation at:

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=501&Itemid=31

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. Interactions with sub-regional and regional planning processes are further described in the document called Western Systems Transmission Planning Guidance for Customer and Stakeholder Participation at:

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=501&Itemid=31

21.2.1 - Study Cycle Timeline (5.2.1)

Idaho Power’s biennial schedule and study cycle for the Local Transmission Plan (LTP) eight quarter process is shown in Figure 1, below. Commencement of the first study cycle shall begin January 1, 2008, and repeat thereafter.

Biennial Planning Cycle and Schedule					
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

21.2.2 - Meeting Schedules and Information (5.2.3, 5.2.4, 5.2.5)

Current meeting information is maintained at:

http://www.oatioasis.com/PCO/PCOdocs/Idaho_Power_Transmission_Planning_meeting_calendar.DOC

Past meeting information is maintained in the “Past Meeting Information” folder under the Transmission Planning folder. Due to current limitations of OASIS folder structure, and the process of archiving past meeting materials and information in separate documents contained in the “Past Meeting Information” folder, direct links can not be provided. Please refer to the folders and documents contained on OASIS as described above.

21.2.3 - Transmission Planning Notices and Subscription Forum (5.1.3)

Idaho Power has a Transmission Planning Forum on Idaho Power’s OASIS site under the Open Access Forum folder in which subscribing members can request and obtain information regarding Idaho Power’s transmission planning processes.

<http://openaccess.idahopower.com/fusetalk/forum/>

21.2.4 - Economic Study Requests (5.2.2)

Economic Study Requests received, along with any responses are maintained on Idaho Power’s OASIS site under the Transmission Planning Folder – 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:

Manager, Transmission Policy and Development
Idaho Power Company
1221 W. Idaho Street
Boise, ID 83702

The Economic Study Request form is located at:

http://www.oatioasis.com/PCO/PCOdocs/Economic_Study_Request_Form.xls

The Economic Study Request submittals are located at:

http://www.oatioasis.com/PCO/PCOdocs/Economic_Study_Request_Queue_3-26-08.pdf

The Economic Study Request Results are located at:

http://www.oatioasis.com/PCO/PCOdocs/Economic_Study_Request_Results.pdf

21.2.5 - Local Transmission Plan Information (5.2.6, 5.2.7, 5.2.8, 5.2.9, 5.2.10)

The current Local Transmission Plan information, as may be updated during the planning cycle, is contained in 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.oatioasis.com/PCO/PCOdocs/Local_Transmission_Plan_Information.pdf

21.2.6 - Other Supporting Documents

Documents further describing the planning process are maintained on Idaho Power's OASIS site under the Transmission Planning Folder. Information regarding typical construction cost estimates, study plan assumptions, specific transmission project information, and other links are maintained in the Transmission Planning folder and subfolders.

21.3 NTTG Sub-Regional Planning Process (Part B, 5.2.11)

Idaho Power's transmission planning processes include three parts; local, sub-regional, and regional. Obligations regarding each of these concurrent processes are outlined in Attachment K. To provide stakeholders an overview of the processes, please refer to the information below and in the document called Western Systems Transmission Planning Guidance for Customer and Stakeholder Participation at:

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=501&Itemid=31

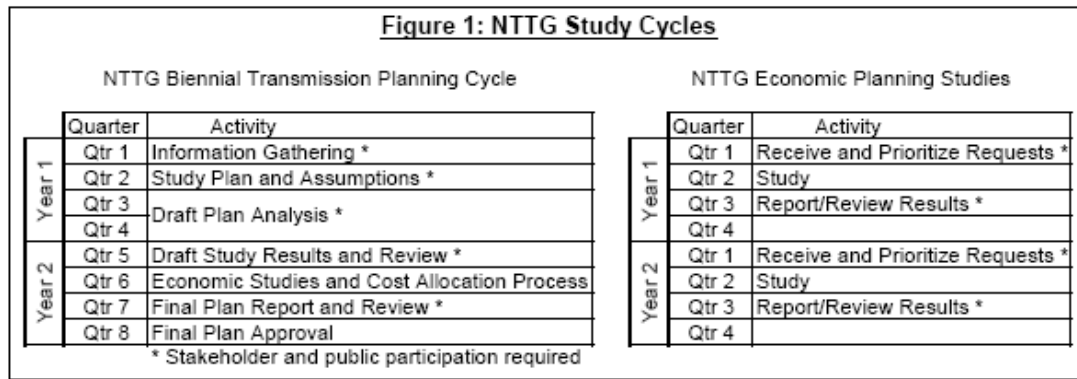
Additional sub-regional and regional transmission planning information is maintained by NTTG and WECC. The link to the NTTG web site is <http://www.nttg.biz>

The Planning Committee page on the NTTG web site contains members, process documents and meeting information, data submittals, reports, and other general information, in addition to the links to other documents described below.

http://nttg.biz/site/index.php?option=com_content&task=view&id=13&Itemid=85

21.3.1 - Study Cycle Timeline

The following diagram is taken from the NTTG Planning Charter. The comprehensive transmission planning process will be comprised of the following milestone activities during an eight (8) quarter study cycle as outlined below:



21.3.2 - Planning Committee Charter

Contains the biennial study process, timelines, data submittal process, participation, and decision processes for the Northern Tier subregional planning process.

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=256&Itemid=31

21.3.3 - Other Supporting Documents

Planning Committee Charter (Process) – **Planning Agreement** – Contains membership requirements and obligations for joining the Planning Committee.

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=349&Itemid=31

Steering Committee Charter – Contains the Committee’s membership requirements, responsibilities, and review process.

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=263&Itemid=31

Study Plan – Study plan containing the assumptions, data, and tools used in conducting the current biennial planning cycle.

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=364&Itemid=31

Transmission Plan report – Current transmission plan document.

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=353&Itemid=31

Western Systems Transmission Planning Guidance for Customer and Stakeholder Participation – Contains description of local, subregional, and regional transmission planning process.

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=501&Itemid=31

Cost Allocation Committee Charter – Contains the Committee’s operating structure and procedures, the cost allocation process, and the cost allocation principles.

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=205&Itemid=31

Cost Allocation Principles – Contains an explanation of the NTTG cost allocation principles and process.

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=193&Itemid=31

21.4 WECC Regional Planning Process (Part C, 5.2.11)

Idaho Power's transmission planning processes include three parts; local, sub-regional, and regional. Obligations regarding each of these concurrent processes are outlined in Attachment K. To provide stakeholders an overview of the processes, please refer to the information below and in the document called Western Systems Transmission Planning Guidance for Customer and Stakeholder Participation at:

http://nttg.biz/site/index.php?option=com_docman&task=doc_download&gid=501&Itemid=31

Additional sub-regional and regional transmission planning information is maintained by NTTG and WECC. The link to the NTTG web site is <http://www.wecc.biz>

21.4.1 - Other Supporting Documents

Planning Coordination Committee (PCC) – Contains members, process documents, meeting information, and purposes of Committee.

<http://www.wecc.biz/index.php?module=pagesetter&func=viewpub&tid=4&pid=5>

PCC Handbook – Contains organization guidelines, procedures and policies, planning and operating criteria, and description of subcommittees.

<http://www.wecc.biz/modules.php?op=modload&name=Downloads&file=index&req=getit&lid=215>

Overview of Policies and Procedures for Regional Planning Project Review, Project Rating Review, and Progress Reports – Contains policies, guidelines, planning process, member responsibilities, and study methodology regarding the process of planning and placing a project in service.

http://www.wecc.biz/documents/library/procedures/planning/Overview_Policies_Procedures_RegionalPlanning_ProjectReview_ProjectRating_ProgressReports_07-05.pdf

Transmission Expansion Planning Policy Committee (TEPPC) – Contains members, process documents, meeting information, reports, and other general information regarding the regional planning processes, in addition to the links to specific documents described below.

<http://www.wecc.biz/index.php?module=pagesetter&func=viewpub&tid=4&pid=14>

TEPPC Charter – Contains Committee responsibilities, composition and governance.

<http://www.wecc.biz/documents/library/board/TEPPC/TEPPC%20Charter.pdf>

TEPPC Planning Protocol – Contains description of TEPPC planning process, role of subregional planning groups, and synchronized study cycle.

[http://www.wecc.biz/documents/library/FERC/TEPPC-Planning-Protocol_V1-3\(Clean\).pdf](http://www.wecc.biz/documents/library/FERC/TEPPC-Planning-Protocol_V1-3(Clean).pdf)

Version Control Information

Version Number: 2

Effective Date: 4-6-2009

Version History

Version	Date	Description
2	4-6-2009	Revised OAF link
1	12-17-2008	Revision of entire business practice adding more detail.
0	12-07-2007	Initial Version Release