

Transmission Services Glossary of Terms

Last updated: 10/5/ 2007

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ACCEPTED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

An OASIS status assigned by Provider or Seller to indicate the service request at the designated OFFER_PRICE and CAPACITY_GRANTED has been approved/accepted. If the reservation request was submitted PRECONFIRMED and CAPACITY_GRANTED is equal to CAPACITY_REQUESTED, the OASIS Node shall immediately set the reservation status to CONFIRMED. Depending upon the type of ancillary services required, the Seller may or may not require all ancillary service reservations to be completed before accepting a request.

Access Charge

SOURCE: NAESB WEQ ONLINE GLOSSARY

A charge designed to recover the embedded costs of the transmission system.

Adequacy

SOURCE: NAESB WEQ ONLINE GLOSSARY

The ability of the bulk electric systems to supply the aggregate electric demand and energy requirements of customers at all times, taking into account planned maintenance outages and unplanned or forced outages of system facilities.

Affiliate

SOURCE: NAESB WEQ ONLINE GLOSSARY

Another person which controls, is controlled by, or is under common control with, such person. An Affiliate includes a division that operates as a functional unit, and (2) For any exempt wholesale generator, as defined under 32(a) of the Public Utility Holding Company Act of 1935, as amended, the same as provided in Section 214 of the Federal Power Act.

Algorithm for Resources Dispatched Off

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM FIRM REQUESTS, VERSION 2

Algorithm for Resources Dispatched Off: Half of any assumed generation decrease is deemed to occur ratably across the 5 non-federal MidC hydroelectric generating projects. The remaining half is deemed to decrease at the 10 major Federal Columbia River Power System (FCRPS) hydroelectric generators in proportion to their relative share of generation otherwise dispatching

Algorithm for Resources Dispatched On

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM FIRM REQUESTS, VERSION 2

Half of any assumed generation increase is deemed to occur ratably across the 5 non-federal MidC hydroelectric generating projects. The remaining half is deemed to increase at the 10 major Federal Columbia River Power System (FCRPS) hydroelectric generators in proportion to their relative share of generation otherwise dispatching

Allocated Firm Transmission

SOURCE: BPA TRANSMISSION SERVICES

The pro-rata amount of Transmission Service Request (TSR) firm transmission that can be supported based on BPA's Total Transfer Capability (TTC). Allocated Firm Transmission is calculated as $TSR/Total\ TSR * TTC$.

Allocation Ratio

SOURCE: BPA TRANSMISSION SERVICES OPERATING RESERVES BUSINESS PRACTICE

The percentage of BPA Control Area Operating Reserve Requirement obligation assigned or allocated to a party that is providing resources to meet its Operating Reserve Requirement, rather than purchasing its Operating Reserve Requirement from TBL.

Ancillary Service

SOURCE: 18 CFR PARTS 35 & 37¹

Those services which are necessary to support the transmission of capacity and energy from resources to loads while maintaining reliable operations of the Transmission Provider's Transmission System in accordance with Good Utility Practice.

ANCREQUEST

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

The Customer Capacity Purchase Request (Transrequest or Ancrequest) used by the Customer to request the purchase of transmission services or request changes to previously submitted reservations for transmission services. The response simply acknowledges that the Customer's request was received by the OASIS Node. It does not imply that the Seller has received the request. Inputting values into the reference Data Elements is optional.

Annual Transmission Costs

SOURCE: 18 CFR PARTS 35 & 37

The total annual cost of the Transmission System for the purposes of Network Integration Transmission Service shall be the amount specified in Attachment H until amended by the Transmission Provider or modified by the Commission.

ANNULLED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the Transmission Service Request (TSR) by the Provider or Seller when, by mutual agreement with the Customer, a confirmed reservation is to be voided (final state).

Application

SOURCE: NAESB WEQ ONLINE GLOSSARY

A request by an eligible customer for transmission service pursuant to the provisions of the tariff.

Application Deposit

SOURCE: BPA TRANSMISSION SERVICES APPLICATION PROCESS FOR TRANSMISSION SERVICE BUSINESS PRACTICE

The deposit that shall be submitted with an Application for Long-Term Firm Point to Point (PTP) Transmission Service and Network Integration (NT) Transmission Service.

Assignment Reference Number (A-Ref)

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A unique reference number assigned by a Transmission Information Provider to provide a unique record for each transmission or Ancillary Service request. A single transmission or ancillary service request will be over a contiguous time period, i.e. START_TIME to a STOP_TIME.

Available Flowgate Capability (AFC)

SOURCE: BPA TRANSMISSION SERVICES

A measure of the transfer capability remaining in the physical transmission network for further commercial activity, over and above already committed uses.

Available Transfer Capability (ATC)

SOURCE: NAESB WEQ ONLINE GLOSSARY

A measure of the transfer capability remaining in the physical transmission network for further commercial activity over and above already committed uses. ATC is defined as the total transfer capability (TTC), less the transmission reliability margin (TRM), less the sum of existing transmission commitments (which includes retail customer service and grandfathered agreements) and any allowable capacity benefit margin

ATC Methodology Margin (AMM)

SOURCE: BPA TRANSMISSION SERVICES' ATC METHODOLOGY MARGIN AND DE MINIMIS IMPACT DEAD-BAND

A portion of the difference in Planning ATC and contract accounting ATC methodology to address uncertainties between the two methodologies.

Available Capacity Margin

SOURCE: NAESB WEQ ONLINE GLOSSARY

The difference between available resources and net internal demand, expressed as a percent of available resources. This is the

¹ Refers to Docket Nos. RM05-17-000 & RM05-25-000; Order 890; Issued Feb. 16, 2007

capacity available to cover random factors such as forced outages of generating equipment, demand forecast errors, weather extremes and capacity service schedule slippages.

B

Balancing

SOURCE: BPA TRANSMISSION SERVICES' E-TAG REQUIREMENTS BUSINESS PRACTICE

The process used to ensure that an E-Tag energy profile and the associated transmission schedule are equal.

Balancing Authority

SOURCE: NAESB WEQ ONLINE GLOSSARY

The entity responsible for integrating resource plans ahead of time, for maintaining load-interchange-generation balance within a Balancing Authority Area, and for supporting Interconnection frequency in real time.

Basepoint

SOURCE: BPA TRANSMISSION SERVICES' OPERATING RESERVES BUSINESS PRACTICE

A generator estimate which is normally held constant during the hour except during the ramp period from ten minutes before the hour to ten minutes after the hour, when plant-operating schedules for the next hour are changed to match the plant transmission schedules.

BID_PRICE

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

The current bid price of a Service in dollars and cents. Used by Customers to designate a price being bid.

Bi-Directional

SOURCE: BPA TRANSMISSION SERVICES

The Total Transfer Capacity [TTC] of a BPAT Path, Segment or flow gate unique to the direction of power flow.

Bi-Directional Transmission

BPA TRANSMISSION SERVICES' DYNAMIC SCHEDULES BUSINESS PRACTICE

The reservation of Reserved Capacity in both directions across a transmission path.

BPAT

SOURCE: ONLINE GLOSSARY OF WECC TERMS AND ACRONYMS

WECC member abbreviation for Bonneville Power Administration - Transmission Line.

BPAT Node

SOURCE:

Bonneville Power Administration Transmission Services' originating or terminating point of transmission transfer in a transmission system network.

BPAT Transmission Segment

SOURCE:

A Transmission Segment that involves BPAT as the Control Area and/or the Transmission Provider.

Business Day

SOURCE: NAESB WEQ ONLINE GLOSSARY

Any day other than Saturday, Sunday or any legal holiday or a day on which banking institutions are authorized by law or other governmental action to close.

C

California Oregon Border Hub (COBH)

SOURCE: BPA TRANSMISSION SERVICES E-TAG REQUIREMENTS BUSINESS PRACTICE

A composite point at the head of the southern intertie where transactions Source from a Northwest Entity and Sink at a Northwest Entity.

Cap

SOURCE: BPA TRANSMISSION SERVICES

Capacity. Total MegaWatt of ATC requested.

Capacity Benefit Margin (CBM)

SOURCE: NAESB WEQ ONLINE GLOSSARY

The amount of transmission transfer capability reserved by load serving entities to ensure access to generation from interconnected systems to meet generation reliability requirements. Reservation of CBM by a load serving entity allows that entity to reduce its installed generating capacity below that which may otherwise have been necessary without interconnections to meet its generation reliability requirements.

BPAT's methodology does not currently use Capacity Benefit Margins (CBM) in the calculation of ATC and ATC is not decremented by CBM for either normal or emergency conditions.

Capacity Benefit Margin Coefficient (CBM/COEF)

SOURCE: BPA TRANSMISSION SERVICES

BPAT's methodology does not currently use Capacity Benefit Margins (CBM) coefficient in the calculation of ATC and ATC is not decremented by CBM for either normal or emergency conditions.

Close of Business

SOURCE: BPA TRANSMISSION SERVICES APPLICATION PROCESS FOR TRANSMISSION SERVICE BUSINESS PRACTICE:

PRACTICE:

5:00 p.m. Pacific Prevailing Time

Commission

SOURCE: 18 CFR PARTS 35 & 37

The Federal Energy Regulatory Commission.

Committed

SOURCE: BPA TRANSMISSION SERVICES

Confirmed reservations; pending reservations are NOT included.

Competing Request

SOURCE: BPA TRANSMISSION SERVICES EXTENSION FOR COMMENCEMENT OF SERVICE BUSINESS PRACTICE

The highest Qualifying Request in the LTRQ that can only be met by all or part of the Reserved Capacity of an Existing Contract that has extended its commencement of service.

Completed Application

SOURCE: 18 CFR PARTS 35 & 37

An Application that satisfies all of the information and other requirements of the Tariff, including any required deposits.

Competitor

SOURCE: BPA TRANSMISSION SERVICES' RESERVATION PRIORITY BUSINESS PRACTICE

The holder of an executed Contingent Contract.

Comprehensive Creditworthiness Evaluation

SOURCE: BPA TRANSMISSION SERVICES CREDITWORTHINESS BUSINESS PRACTICE

A credit review conducted by BPA to determine a Counterparty's Internal Credit Rating and associated credit limit. This only relates to unsecured credit Qualification Method 2 described in Section 5.2. 2.2 Counterparty: Any potential or existing transmission customer.

CONFIRMED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Customer in response to the Provider or Seller posting "ACCEPTED" status, to confirm service. Once a request has been "CONFIRMED," a transmission service reservation exists (final state, unless overridden by DISPLACED or ANNULLED state). Related definition: Preconfirmed

Constrained Facility

SOURCE: NAESB WEQ ONLINE GLOSSARY

A transmission facility (line, transformer, breaker, etc.) that is approaching, is at, or is beyond its System Operating Limit or Interconnection Reliability Operating Limit.

Construction Agreement

SOURCE: LONG-TERM FIRM QUEUE MANAGEMENT BUSINESS PRACTICE

An agreement between the Transmission Customer (Customer) and BPA Transmission Services to construct Transmission System upgrades and/or additions, including those to local area systems, main grid and/or sub-grid modifications, when these upgrades and/or additions are required before transmission service can be made available. This agreement may be offered before or concurrent with a Service Agreement.

Contiguous Points of Delivery

SOURCE: BPA TRANSMISSION SERVICES' CONTIGUOUS POINT(S) OF DELIVERY BUSINESS PRACTICE

Relates to treatment of a set of individual PODs as one contiguous POD in a PTP transmission service agreement at the request of the Transmission Customer.

Contingency Reserves

SOURCE: BPA TRANSMISSION SERVICES' OPERATING RESERVES BUSINESS PRACTICE

The combination of Operating Reserve-Spinning Reserve Service and Operating Reserve-Supplemental Reserve Service. Fifty percent of Operating Reserves Services must be Spinning Reserves Services.

Contingent Contract

SOURCE: BPA TRANSMISSION SERVICES' CREDITWORTHINESS BUSINESS PRACTICE

A Service Agreement that obligates the Customer with a Competing Request to accept all of the Transmission Services offered under that contract if the Customer holding the Existing Contract releases capacity.

Control Area

SOURCE: 18 CFR PARTS 35 & 37

An electric power system or combination of electric power systems to which a common automatic generation control scheme is applied in order to: (1) match, at all times, the power output of the generators within the electric power systems(s) and capacity and energy purchased from entities outside the electric power systems(s), with the load within the electric power system(s); (2) maintain scheduled interchange with other Control Areas, within the limits of Good Utility Practice; (3) maintain the frequency of the electric power system(s) within reasonable limits in accordance with Good Utility Practice; and (4) provide sufficient generating capacity to maintain operation reserves in accordance with Good Utility Practice.

COUNTEROFFER

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

An OASIS status assigned to the transmission request by the Provider or Seller to indicate that a new OFFER_PRICE is being proposed or that CAPACITY_GRANTED is less than CAPACITY_REQUESTED.

Credit Application

SOURCE: BPA TRANSMISSION SERVICES' CREDITWORTHINESS BUSINESS PRACTICE

A document (Attachment A) that must be submitted by a Counterparty to apply for a

new credit relationship or a change in credit qualification status.

Credit Support

SOURCE: BPA TRANSMISSION SERVICES' CREDITWORTHINESS BUSINESS PRACTICE

An arrangement or mechanism used to safeguard BPA from credit exposure.

Curtailment

SOURCE: 18 CFR PARTS 35 & 37

A reduction in firm or non-firm transmission service in response to a transfer capability shortage as a result of system reliability conditions.

Customer Code (Cust)

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

Any entity (or its designated agent) that is eligible to view OASIS information, to execute a service agreement, and/or to receive transmission service.

Customer Web Interface (CWI)

SOURCE: BPA REMOTE RESOURCES AND REMOTE LOADS BUSINESS PRACTICE

An electronic interface that allows a Customer to submit firm transmission schedules and any data associated with Ancillary Services.

Cutplane

SOURCE: BPA TRANSMISSION SERVICES' ATC METHODOLOGY

Transmission lines and facilities owned by BPA on a constrained portion of BPA's internal network transmission grid.

D

D Account

SOURCE: BPA TRANSMISSION SERVICES DYNAMIC SCHEDULES & ON DEMAND RIGHTS BUSINESS PRACTICES

1) A demand account set up to track Reserved Capacity held out for Dynamic Schedules. 2) A type of account set up to track transmission (demand purchased) held out for ODR and for billing purposes. The D Account will be the hourly demand amount available for the ODR schedule.

Date of Tender

SOURCE: BPA TRANSMISSION SERVICES' APPLICATION PROCESS FOR TRANSMISSION SERVICE BUSINESS PRACTICE

The day that the Transmission Customer receives an offer for Transmission Service. If that day is a Saturday, Sunday or Federal holiday, the Date of Tender is deemed to be the next Business Day.

Day-Ahead

SOURCE: NAESB WEQ ONLINE GLOSSARY

Nominally, the 24-hour period directly preceding (sic) the operating day, except when this period may be extended by the independent transmission provider to accommodate the holidays and weekends.

Day-Ahead Market

SOURCE: NAESB WEQ ONLINE GLOSSARY

A financially binding market that clears the day prior to the operational day for the purpose of establishing hourly schedules that carry forward into the real-time spot market.

DEAL_REF

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

The unique reference assigned by a Customer to two or more service purchases to identify each of them as related to others in the same power service deal. These requests may be related

DECLINED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Provider or Seller to indicate that the terms and conditions, such as the BID_PRICE, are unacceptable and that negotiations are terminated or that contractual terms and conditions have not been met (final state).

DEFERRAL

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

Request to defer the service commencement date (start of transmission service) under Section 17.7 of the BPA Tariff (Extension for Commencement of Service).

Delivering Party

SOURCE: 18 CFR PARTS 35 & 37

The entity supplying capacity and energy to be transmitted at Point(s) of Receipt.

Demand

SOURCE: BPA TRANSMISSION SERVICES

Reservation Demand.

Demand Account

SOURCE: BPA TRANSMISSION SERVICES' RESERVATION AND SCHEDULING BUSINESS PRACTICE

A Real-Time Operations Dispatch and Scheduling System (RODS) account used to reserve Hourly Firm Transmission, in lieu of an OASIS reservation.

Designated Agent

SOURCE: 18 CFR PARTS 35 & 37

Any entity that performs actions or functions on behalf of the Transmission Provider, an Eligible Customer, or the Transmission Customer required under the Tariff.

Digital Certificate

SOURCE: OATI

A certificate that is provided by OATI that authorizes Customers to conduct business on OASIS.

Direct Assignment Facilities

SOURCE: NAESB WEQ ONLINE GLOSSARY

Facilities or portions of facilities that are constructed for the sole use/benefit of a particular customer requesting service. Direct assignment facilities shall be specified in the service agreement that governs service to the customer and shall be subject to appropriate regulation.

Directional Coefficient (Dir Coef)

SOURCE: BPA TRANSMISSION SERVICES

Multiplier used to compensate for positive or negative counterflows.

DISPLACED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Provider or Seller when a "CONFIRMED" reservation from a Customer is displaced by a higher priority reservation and the Customer is not offered or has not exercised right of first refusal (i.e. refused to match terms of a new request). Displaced is a Final state.

Distribution Factor

SOURCE: NAESB WEQ ONLINE GLOSSARY

A mathematical representation of the power flow through each of the companies comprising the interconnected transmission network as a result of a transaction between two companies or similar transmission of power from a generation source remote from its load.

Dynamic Schedule

SOURCE: BPA TRANSMISSION SERVICES DYNAMIC SCHEDULES BUSINESS PRACTICE

A telemeter reading or value that is updated in real-time and is used as a schedule in BPA Transmission Services' Automatic Generation Control (AGC) and Area Control Error (ACE) equation.

E

Energy Management System (EMS)

SOURCE: BPA TRANSMISSION SERVICES' OPERATING RESERVES BUSINESS PRACTICE

A control system (often computerized) designed to regulate the balance of generation and load in a control area by controlling the operation of generation, transmission, loads consistent with scheduled system frequency and voltages.

Energy Imbalance

SOURCE: BPA TRANSMISSION SERVICES' 2006 TRANSMISSION AND ANCILLARY SERVICES RATE SCHEDULES

Energy Imbalance Service is provided when a difference occurs between the scheduled and the actual delivery of energy to a load located within a Control Area over a single hour. The BPA-TBL must offer this service when the transmission service is used to serve load within its Control Area. The Transmission Customer must either purchase this service from the BPA-TBL or make alternative comparable arrangements specified in the Transmission Customer's Service Agreement to satisfy its Energy Imbalance Service obligation.

Entity

SOURCE: BPA TRANSMISSION SERVICES' DYNAMIC SCHEDULES BUSINESS PRACTICE

A load, generator, generation provider, or Transmission Customer (Customer) that requests Transmission Service that requires Dynamic Schedules through the BPA Control Area.

Environmental Compliance Agreement (ECA)

SOURCE: BPA TRANSMISSION SERVICES' LONG-TERM FIRM QUEUE MANAGEMENT BUSINESS PRACTICE

An agreement between the Customer and BPA Transmission Services requiring the Customer to provide advance funding to BPA Transmission Services to undertake and complete an environmental review, as required by the National Environmental Policy Act (NEPA).

Environmental Study Agreement

SOURCE: BPA TRANSMISSION SERVICES' LINES AND LOADS INTERCONNECTION PROCEDURES BUSINESS PRACTICE

An agreement between the customer and BPA identifying the National Environmental Policy Act (NEPA) required documentation BPA will produce and customer terms for compliance, including participation in public meetings, requirement to exercise due diligence in completing required NEPA studies and activities, and terms for termination and or severance of studies, processes. Federal law requires that BPA comply with NEPA and prohibits BPA from committing to construction agreements for interconnections until NEPA requirements are satisfied.

ETC

SOURCE: BPA TRANSMISSION SERVICES

Committed impacts from other reservations (in like status such as PENDING, COMMITTED).

Existing Contract

SOURCE: BPA TRANSMISSION SERVICES' EXTENSION FOR COMMENCEMENT OF SERVICE BUSINESS PRACTICE

A long-term firm transmission Service Agreement under which the Transmission Customer (Customer) may exercise its Section 17.7 Extension of Commencement of Service.

External Interconnections

SOURCE: BPA TRANSMISSION SERVICES

This includes the Northern Intertie, Malin-Hilltop, West of Hatwai, West of Garrison and LaGrande paths.

Export POD

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM REQUESTS, VERSION 2

Any POD submitted in a long-term firm request that will impact an External Interconnection or Intertie.

F

Federal Holidays

SOURCE: BPA TRANSMISSION SERVICES APPLICATION PROCESS FOR TRANSMISSION SERVICE BUSINESS PRACTICE

Days when the Federal Government is closed for business and include New Year's Day, the birthday of Martin Luther King, Jr., (observed on the third Monday of January) the birthday of George Washington (observed on the third Monday of February), Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day.

Fifteen (15) Minute Rule

SOURCE: BPA TRANSMISSION SERVICES E-TAG REQUIREMENTS BUSINESS PRACTICE

A rule applied during BPA Transmission Services' Preschedule that allows the appropriate party up to 15 minutes after notification by BPA Transmission Services' Pre-Schedule, to resolve the discrepancy between the E-Tag and transmission schedule before TBL reduces the transmission schedule or curtails the E-Tag (whichever is higher) to balance the energy profiles.

Final NEPA Study Agreement

SOURCE: BPA TRANSMISSION SERVICES LARGE GENERATION INTERCONNECTION BUSINESS PRACTICE

A NEPA Agreement between the Interconnection Customer and BPA identifying the likely NEPA documentation BPA will produce and Interconnection Customer terms for compliance, including participation in public meetings, requirement to exercise due diligence in completing required NEPA studies and activities, and terms for termination and/or severance of Studies, processes, or linkage of associated Application(s) for Transmission Service.

Financial Agreement

SOURCE: BPA TRANSMISSION SERVICES LONG-TERM FIRM QUEUE MANAGEMENT BUSINESS PRACTICE

A multi-party agreement between a group of Customers and BPA Transmission Services requiring the Customers to provide advance financing to BPA Transmission Services to construct Transmission System upgrades and/or additions, including those to local area systems, main grid and/or sub-grid modifications, when these upgrades and/or additions are required before transmission service can be made available. This agreement may be offered before or concurrent with a Service Agreement.

Firm Redirect Request

SOURCE: BPA TRANSMISSION SERVICES' FIRM REDIRECTS BUSINESS PRACTICE

A Transmission Service request pursuant to Tariff section 22.2 that does not exceed the amount reserved in the existing Service Agreement.

Five (5) Minute Rule

SOURCE: BPA TRANSMISSION SERVICES E-TAG REQUIREMENTS BUSINESS PRACTICE

A rule applied during BPA Transmission Services' Real-Time that allows the appropriate party up to 5 minutes after notification by BPA Transmission Services' Real-Time, to resolve the discrepancy between the E-Tag and the transmission schedule before TBL reduces the transmission schedule or curtails the E-Tag(s) (whichever is higher) to balance the energy profiles.

Flowgate

SOURCE: NAESB WEQ ONLINE GLOSSARY

A physical transmission interface on which a limit is enforced. The interface could be a single element such as a line or transformer or a set of elements. The limit is typically a specification of the maximum power flow allowed on the element and may be derived from thermal, stability or other reliability considerations.

G

Generation Estimate

SOURCE: BPA TRANSMISSION SERVICES' OPERATING RESERVES BUSINESS PRACTICE

The scheduled hourly energy generation from a plant.

Generation Imbalance Service

SOURCE: BPA TRANSMISSION SERVICES' GENERATION IMBALANCE SERVICE BUSINESS PRACTICE

The purpose of Generation Imbalance Service is to assure that the BPAT Control Area can maintain load-resource balance. Northwest interconnected loads and generators must be in a Western Electric Coordinating Council (WECC) certified Control Area. Generation Imbalance Service applies to such generation resources in the BPAT Control Area, except as specified in Section II of this business practice. The Generation Imbalance Service addressed in this business practice is described in the 2004 Transmission and Ancillary Services Rate Schedules, Ancillary and Control Area Services Rate, (ACS Rate Schedule) Section III.B.

Generation Supplied Reactive service (GSR)

SOURCE: BPA TRANSMISSION SERVICES' GENERATION SUPPLIED REACTIVE BUSINESS PRACTICE

Reactive Supply and Voltage Control from Generation Sources Service provides reactive power support to the TBL Transmission System. This service is necessary to preserve BPA Transmission Services' Transmission System stability and to maintain voltages within acceptable limits.

Guidelines for Direct Assignment Facilities

SOURCE: BPA TRANSMISSION SERVICES' OPEN ACCESS TRANSMISSION TARIFF

Facilities or portions of facilities that are constructed by the Transmission Provider for the sole use/benefit of a particular Transmission Customer requesting service under the Tariff, the costs of which may be directly assigned to the Transmission Customer in accordance with applicable Commission policy. Direct Assignment Facilities shall be specified in the Service Agreement that governs service to the Transmission Customer.

H

Hourly Non-Firm Sheltering

SOURCE: BPA TRANSMISSION SERVICES' HOURLY NON-FIRM SHELTERING BUSINESS PRACTICE

The practice associated with determining the extent to which the Transmission Customer's (Customer) use of Point-to-Point (PTP) Hourly Non-Firm Transmission Service does not exceed the Customer's firm capacity reservations, and thus, does not incur an additional Hourly Non-Firm transmission charge.

I

Incremental Settlement Exposure

SOURCE: BPA TRANSMISSION SERVICES' CREDITWORTHINESS BUSINESS PRACTICE

The potential incremental credit exposure for settlements from transactions that will occur in the near-term. This consists of additional transmission that BPA is contractually required to provide prior to contract termination

Independent Power Producer (IPP)

SOURCE: BPA TRANSMISSION SERVICES' E-TAG REQUIREMENTS BUSINESS PRACTICE

A non-utility producer of electricity that operates one or more generation plants. Many IPPs operate co-generators that produce power for their own use and sell the extra power to other utilities. IPPs generally reside within a specific control area and are bound by the rates, tariffs and business practices of that control area.

Independent System Operator

SOURCE: FERC ONLINE GLOSSARY

An independent, federally regulated entity established to coordinate regional transmission in a non-discriminatory manner and ensure the safety and reliability of the electric system.

Initial NEPA Study Agreement

SOURCE: BPA TRANSMISSION SERVICES' LARGE GENERATION INTERCONNECTION BUSINESS PRACTICE

A NEPA Agreement between the Interconnection Customer and Bonneville Power Administration (BPA), authorizing BPA

to commence the preliminary environmental review.

Instantaneous Generation

SOURCE: BPA TRANSMISSION SERVICES' OPERATING RESERVES BUSINESS PRACTICE

A generator's power output level at the current instant of time. Output values are typically read every four seconds and telemetered to an EMS.

Interconnection

SOURCE: BPA TRANSMISSION SERVICES

A system consisting of two or more individual power systems operating with connecting lines to make a larger system, thus permitting the sharing of generation reserves and providing alternative transmission paths to serve customers during line outages. The connection between two power systems.

Internal Credit Rating

SOURCE: BPA TRANSMISSION SERVICES CREDITWORTHINESS BUSINESS PRACTICE

BPA's Internal Credit Rating that has the same rating scale as Standard and Poor's (e.g. AAA, AA, A, BBB, BB's.).

Interconnecting Customer (Customer)

SOURCE: BPA TRANSMISSION SERVICES' LINES AND LOADS INTERCONNECTION PROCEDURES BUSINESS PRACTICE

A customer who is requesting a line or load interconnection to BPA's system.

Interruption of Transmission Service

SOURCE: BPA TRANSMISSION SERVICES

Interruption that directly impacts the rights of the Customer to schedule service under that reservation.

Intertie

SOURCE: BPA TRANSMISSION SERVICES

A system of transmission lines permitting a flow of energy between major power systems. The BPA transmission grid has interties to British Columbia, California, and eastern Montana.

INVALID

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Transmission Service Independent

Provider indicating an invalid field in the request, such as improper POR, POD, Source, Sink, etc. (final state).

J

No definitions at this time.

No definitions at this time.

K

No definitions at this time.

L

Last In/First Out (LIFO)

SOURCE: BPA TRANSMISSION SERVICES

The way non-firm Transmission Service Reservations are processed during curtailment. The last non-firm Transmission Service Reservation to be added to the Queue will be the first Transmission Service Reservation to be removed if an interruption of transmission service requires a reduction in firm or non-firm transmission service is required due to a transmission capacity shortage as a result of system reliability conditions.

Load Responsibility

SOURCE: ONLINE GLOSSARY OF WECC TERMS AND ACRONYMS

A control area's firm load demand plus those firm sales minus those firm purchases for which reserve capacity is provided by the supplier.

Long-Term Available Flowgate Capability (LAFC)

SOURCE: BPA TRANSMISSION SERVICES

A measure of the transfer capability remaining in the physical transmission interties for further commercial activity, over and above already committed uses for the Long-Term Firm market.

Long-Term De *minimis* Limit (LDLM)

SOURCE: BPA TRANSMISSION SERVICES

Maximum long-term impact allowed for de *minimis*.

Long-Term De *minimis* Sum (LDES)

SOURCE: BPA TRANSMISSION SERVICES

Total of ALL long-term de *minimis* impacts.

Long-Term Existing Transmission Commitments (LETC)

SOURCE: BPA TRANSMISSION SERVICES

Firm Committed uses; variable is used to adjust contract accounting impacts to the impacts derived from the annual base case.

Long-Term De *minimis* Overage (LOVR)

SOURCE: BPA TRANSMISSION SERVICES

De *minimus* impacts that exceed De *minimus* limit (LDLM; Long-term De *minimus* Limit).

Long-Term Firm (LTF)

SOURCE: BPA TRANSMISSION SERVICES

Transmission service reserved in yearly increments for periods of one year or more not exceeding 30 years.

Long-Term Firm Reservations (LRES +/-)

SOURCE: BPA TRANSMISSION SERVICES

Long-term firm reservations that have either positive (LRES+) or negative (LRES-) impact on the AFC/ATC.

M

MATCHING

SOURCE: BPA TRANSMISSION SERVICES

Request to meet or exceed a competing request to retain transmission service (Right of First Refusal).

Monthly LTF ATC

SOURCE: BPA TRANSMISSION SERVICES

Monthly resolution of ATC over the Network Flowgate as determined for LTF transmission requests.

N

Netting

SOURCE: NAESB WEQ ONLINE GLOSSARY

Resolving imbalances among shippers' transportation accounts by offsetting over- and under-deliveries across contracts during a specified time period.

Network Integration Modification of Service Request

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM REQUESTS, VERSION 2

Request to make changes or modifications to the terms of firm Network Integration service, per section 30.2 in the Tariff

Network Composite POD

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM REQUESTS, VERSION 2

A weighted aggregation into a single load group Network POD of 4-5 years of projected load growth at all Network PODs across approximately 70 Northwest geographic zones.

Network POD

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM REQUESTS, VERSION 2

Any POD submitted in a long-term firm request not considered an Export POD.

Non-Recallable Available Transmission Capability (NATC)

SOURCE: BPA TRANSMISSION SERVICES

Firm Available Transmission Capability.

Non-Recallable Existing Transmission Commitments (NETC)

SOURCE: BPA TRANSMISSION SERVICES

Firm Committed uses; variable is used to adjust contract accounting impacts to the impacts derived from the annual base case. See also: LETC.

O

Open Access Same-Time Information System (OASIS)

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

Comprises the computer systems and associated communications facilities that public utilities are required to provide for the purpose of making available to all transmission users comparable interactions with TS Information.

Open Access Technology International, Inc. (OATI)

SOURCE: OATI

Open Access Technology International provider and operator of the BPA wesTTrans OASIS and E-Tag ?? systems.

Operational Transfer Capability (OTC)

SOURCE: BPA TRANSMISSION SERVICES' ATC
METHODOLOGY

The amount of power that can be reliably transmitted through a transmission path given current or forecasted system conditions.

ORIGINAL

SOURCE: BPA TRANSMISSION SERVICES

Reservation requests submitted to the Primary Provider.

Original Long-Term Firm (LTF) Request

SOURCE: BPA TRANSMISSION SERVICES' ATC
IMPACTS OF LONG-TERM REQUESTS, VERSION 2

Initial request for reservation of long-term firm transmission service submitted to BPA Transmission Services

Outage Transfer Distribution Factor (OTDF)

SOURCE: NERC

A measure of the redistribution of electric power on remaining system facilities caused by an outage (or removal from service) of another system facility, expressed in percent (up to 100%) of the pre-contingency electrical loading on the facility that has been removed from service. The OTDF applies only for the post-contingency configuration of the systems under study.

Overage (OVR)

SOURCE: NERC

1. A measure of the redistribution of electric power on remaining system facilities caused by an outage (or removal from service) of another system facility, expressed in percent (up to 100%) of the pre-contingency electrical loading on the facility that has been removed from service. The OTDF applies only for the post-contingency configuration of the systems under study. 2. *De Minimis* impacts.

P

Path

SOURCE: BPA TRANSMISSION SERVICES' ATC
METHODOLOGY

A Point of Receipt (POR)/Point of Delivery (POD) combination.

Path Utilization Factor (PUF)

SOURCE: BPA TRANSMISSION SERVICES' ATC
METHODOLOGY

The fraction of power (often expressed as a percentage) that will flow across monitored Flowgates as that power is injected at a POR and withdrawn at a specified POD. Also referred to as distribution factor or allocation factor.

Pending

SOURCE: BPA TRANSMISSION SERVICES

All confirmed and pending reservations.

Point(s) of Delivery (POD)

SOURCE: BPA TRANSMISSION SERVICES

A point on the electric system where a power supplier or wheeling facility delivers electricity to the receiver of that energy or to another wheeling entity. This point could include an interconnection with another system or a substation where the transmission provider's transmission and distribution systems are connected to another system.

Point(s) of Receipt (POR)

SOURCE: BPA TRANSMISSION SERVICES

A point on the electrical system where a facility receives electricity from a power supplier or wheeling facility. This point could include an interconnection with another system or generator bus bar.

Power Transfer Distribution Factor (PTDF)

SOURCE: NERC

A measure of the responsiveness or change in electrical loadings on system facilities due to a change in electric power transfer from one area to another expressed in percent (up to 100%) of the change in power transfer. The PTDF applies only for the pre-contingency configuration of the systems under study.

Preconfirmed

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

Used by the Customer to preconfirm a sale in a template TRANSREQUEST or ANCREQUEST. If the Customer indicates the sale is preconfirmed, then the response is YES and the Customer does not need to confirm the sale.

Pro-Rata

SOURCE: BPA TRANSMISSION SERVICES

In proportion; proportion. According to the rate, proportion or allowance.

Provider Recall

SOURCE: BPA TRANSMISSION SERVICES

The Transmission Provider initiated action that reduced the transmission reserved in whole or in part.

PUF (PATH UTILIZATION FACTOR) CALCULATION

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM REQUESTS, VERSION 2

An equation based on a POD, POR, and Transmission Demand used to determine the impacts to Network Flowgates

$(POR PUF_A - POD PUF_A) * Transmission Demand = impact to Flowgate_A.$

Q

Queue Position

SOURCE: BPA TRANSMISSION SERVICES

The order of a valid Transmission Service Request, relative to all other pending valid Transmission Service Requests, that is established based upon the date and time of receipt of the valid Transmission Service Request by the Transmission System.

QUEUED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

The initial status assigned by the Transmission Service Provider on receipt of transmission service request.

R

Real-Time Adjustment (RADJ)

SOURCE: BPA TRANSMISSION SERVICE

Real-Time AFC/ATC adjustments to the hourly non-firm ATC to accommodate specific contractual and/or reliability issues.

REBID

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Customer to indicate a new BID_PRICE is being proposed.

RECALL

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

Status that reduces the transmission reserved in whole or in part.

Recallable Available Transfer Capability (RATC)

SOURCE: BPA TRANSMISSION SERVICES

Non-firm Available Transmission Capability.

Recallable Reservations (RRES)

SOURCE: BPA TRANSMISSION SERVICES

Positive non-firm (Recallable) Reservations; Displacement order is as follows: Recallable Reservations Priority 1 (RRES1), Recallable Reservations Priority 2 (RRES2) or Recallable Reservations Priority 6 (RRES6)

RECEIVED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Provider or Seller to acknowledge QUEUED requests and indicate the service request is being evaluated, including for completing the required ancillary services.

REDIRECT

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

Request to redirect all or a portion of a transmission reservation to an alternate POR/POD and/or make other changes to the terms of service pursuant to the Transmission Providers Tariff provisions.

REFUSED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Provider or Seller to indicate service request has been denied due to lack of

availability of transmission capacity (final state).

RELEASE

SOURCE: BPA TRANSMISSION SERVICE

(Can't make sense of this.)

Reliability Limit

SOURCE: BPA TRANSMISSION SERVICE

The limit applied to a TSR to indicate the Allocated Firm Transmission.

Re-Load

SOURCE: BPA TRANSMISSION SERVICE

Reversal of a curtailment action on an E-Tag.

RENEWABLE

SOURCE: BPA TRANSMISSION SERVICES

An expiring transmission reservation. A Right of First Refusal (RoFR) to renew.

Renewal Request

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM REQUESTS, VERSION 2

Request to renew an expiring long-term firm transmission reservation for the long-term, per section 2.2 of the Tariff

Requested POD/POR

SOURCE: BPA TRANSMISSION SERVICES' ATC IMPACTS OF LONG-TERM REQUESTS, Version 2

The POD/POR submitted in a LTF Request

Request

SOURCE: BPA TRANSMISSION SERVICE

A request for transmission service submitted by a Customer.

REQUEST-TYPE

SOURCE: BPA TRANSMISSION SERVICE

A specific type of service requested by a Customer.

RESALE

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

Secondary market requests submitted to a Transmission Customer as Secondary Transmission Provider (Assignment).

Reservation

SOURCE: BPA TRANSMISSION SERVICE

A CONFIRMED request for transmission capacity submitted by a Customer.

RETRACTED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Provider or Seller when the Customer fails to confirm or withdraw the request within the required time period (final state).

Right of First Refusal (RoFR)

SOURCE: BPA TRANSMISSION SERVICES

The right of the Customer to match the terms of a new request.

S

Scenario Analyzer

SOURCE: OATI

This display allows customers to submit a test scenario that is validated against AFC flowgate information to ensure the MWs are available for the given scenario. The scenario includes Provider, Source/Sink, POR/POD, Path, Transmission Service, and MW Profile.

Seller

SOURCE: BPA TRANSMISSION SERVICE

Designated Transmission Provider operating its transmission system or Entity in possession of contractual rights to transmission capacity and engaged in selling those rights to a qualified transmission customer.

Settlement Exposure

SOURCE: BPA TRANSMISSION SERVICES CREDITWORTHINESS BUSINESS PRACTICE

The amount due to BPA after it has performed its obligations (or a portion of its obligations) under BPA's transmission contracts. This consists of unpaid invoiced amounts and the value of transmission provided.

Sheltering

SOURCE: BPA TRANSMISSION SERVICE

Redirect of firm service to secondary non-firm service at no additional charge.

Short-Term Firm (STF)

SOURCE: BPA TRANSMISSION SERVICE

Transmission service reserved for periods of less than one year.

Short-Term Firm Adjustment (SADJ)

SOURCE: BPA TRANSMISSION SERVICE

AFC/ATC added back for STF market. Compensates for LTF reservations that do not begin on the original start date. IE: BPAT encumbers AFC/ATC on a reservation for a generator that has NOT been built.

Short-Term Available Transfer Capability (STFC)

SOURCE: BPA TRANSMISSION SERVICES

A measure of the transfer capability remaining in the physical transmission network for further commercial activity, over and above already committed uses for the Short-Term Firm market.

Short-term De *minimis* Limit (SDLM)

SOURCE: BPA TRANSMISSION SERVICES

Maximum short-term impact allowed for de *minimis*.

Short-Term De *minimis* Sum (SDES)

SOURCE: BPA TRANSMISSION SERVICES

Total of ALL short-term de *minimis* impacts.

Short-Term Existing Transmission Commitments (SETC)

SOURCE: BPA TRANSMISSION SERVICES

This variable is not currently used at BPAT.

Short-Term Firm Reservations (SRES +/-)

SOURCE: BPA TRANSMISSION SERVICES

Short-term firm reservations that have either a positive (SRES+) or negative (SRES-) impact on the AFC/ATC.

Short-Term De *minimis* Overage (SOVR)

SOURCE: BPA TRANSMISSION SERVICES

De *minimus* impacts that exceed de *minimus* limit (SDLM; Short-Term De *minimus* Limit).

Sink

SOURCE: BPA TRANSMISSION SERVICE

End of the transaction; location of the actual load.

Soft-Firm

SOURCE: BPA TRANSMISSION SERVICE

Available firm capacity above the reliability firm allocation .

Source

SOURCE: BPA TRANSMISSION SERVICE

Beginning of the transaction; location of the actual generation facility.

Spinning Reserves

SOURCE: NAESB WEQ ONLINE GLOSSARY

Operating reserves provided by synchronized resources that can respond immediately to dispatch instructions.

Status

SOURCE: BPA TRANSMISSION SERVICE

The Transmission Service Request position such as DECLINED, CONFIRMED, QUEUED, etc.

STUDY

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Provider or Seller to indicate some level of study is required or being performed to evaluate service request.

SUPERSEDED

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned to the transmission request by the Provider or Seller when a request which has not yet been confirmed is pre-empted by another reservation request (final state).

T

Time

SOURCE: BPA TRANSMISSION SERVICE

The field that allows a customer to select the time , such as start, end, Active, Queued, Update and the range such as Today forward, This hour, etc. end, Active, Queued, Update and the range such as Today forward, This hour, etc.

Total Credit Exposure

SOURCE: BPA TRANSMISSION SERVICES
CREDITWORTHINESS BUSINESS PRACTICE

The maximum dollar loss BPA could face from a Counterparty if it were to default on its transmission obligations to BPA. This exposure is the combination of BPA's Settlement Exposure and Incremental Settlement Exposure to a Counterparty and collectively represents 4.6 months of accounts receivable exposure.

Total Transfer Capability (TFC/TTC)

SOURCE: NAESB WEQ ONLINE GLOSSARY

The amount of electric power that can be transferred over the interconnected transmission network in a reliable manner based on all of the following conditions: (1) For the existing or planned system configuration, and with normal (pre-contingency) operating procedures in effect, all facility loadings are within normal ratings and all voltages are within normal ratings. (2) The electric systems are capable of absorbing the dynamic power swings, and remaining stable, following a disturbance that results in the loss of any single electric system element, such as a transmission line, transformer or generating unit. (3) After the dynamic power swings subside following a disturbance that results in the loss of any single electric system element as described in 2 above, and after the operation of any automatic operating systems, but before any post-contingency operator-initiated system adjustments are implemented, all transmission facility loadings are within emergency ratings and all voltages are within emergency limits. (4) With reference to condition 1 above, in the case where pre-contingency facility loadings reach normal thermal ratings at a transfer level below that at which the first contingency transfer limits are reached, the transfer capability is defined as the transfer level at which such normal ratings are reached. (5) In some cases, individual system, power pool, sub-regional or regional planning criteria or guides may require consideration of specified multiple contingencies, such as the outage of transmission circuits using common towers or rights-of-way, in the determination of transfer capability limits. If the resulting transfer limits for these multiple contingencies are more restrictive than the single contingency considerations described above, the more restrictive reliability criteria or guides must be observed.

1 References to TTC shall also mean BPA Transmission Services' share of defined paths.

TransAssign

SOURCE: BPA TRANSMISSION SERVICE

A process that provides a method for the Reseller or Transmission Customer to inform the Transmission Provider and document the

secondary market RESALE that occurred off-OASIS to another Transmission Customer.

Transcust

SOURCE: BPA TRANSMISSION SERVICES

Confirms an offer for partial service where CAPACITY_GRANTED is less than CAPACITY_REQUESTED by setting the STATUS to CONFIRMED.

Transmission Provider (TP)

SOURCE: BPA TRANSMISSION SERVICES

Any public utility that owns, operates or controls facilities used for the transmission of electric energy in interstate commerce.

Transmission Reliability Margin (TRM)

SOURCE: BPA TRANSMISSION SERVICES

That amount of transmission transfer capability necessary to provide a reasonable level of assurance that the interconnected transmission network will be secure under a broad range of uncertainties.

Transmission Reliability Margin Coefficient (TRMCOEF)

SOURCE: BPA TRANSMISSION SERVICES

Multiplier used to calculate percentage of TRM to be applied.

Transmission Services Information (TS Information)

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

Transmission and ancillary services information that must be made available by public utilities on a non-discriminatory basis to meet the regulatory requirements of transmission open access.

TRANSREQUEST

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

The Customer Capacity Purchase Request (Transrequest or Ancrequest) is used by the Customer to request the purchase of transmission services or request changes to previously submitted reservations for transmission services. The response simply acknowledges that the Customer's request was received by the OASIS Node. It does not imply that the Seller has received the request. Inputting values into the reference Data Elements is optional.

TSN

SOURCE: BPA TRANSMISSION SERVICES

Transmission Service Number. Used internally as an ATC place holder for Rollover Rights

TSR

SOURCE: BPA TRANSMISSION SERVICES

Transmission Service Request.

Type

SOURCE: BPA TRANSMISSION SERVICES

Transmission Service Type.

U

Use DST

The Use DST checkbox, when checked, displays dates in Daylight Savings Time.

V

No definitions at this time.

W

WebData

SOURCE: BPA TRANSMISSION SERVICES

Exchanges data between tag to schedule interface and Open Access Technology International (OATI).

WebOASIS

SOURCE: BPA TRANSMISSION SERVICES

A FERC mandated Open Access Same-time Information System created by Southern Company Services, Inc., a Southern Company.

wesTTrans

SOURCE: BPA TRANSMISSION SERVICES

An enhanced OASIS site serving a significant portion of the Western Interconnection. Each participating Transmission Provider maintains their own transmission tariff but collectively they provide a common and efficient method of enhancing the transmission market within the Western Power Grid. From this single market interface access to nearly all transmission within the West can be obtained.

WITHDRAWN

SOURCE: FERC DATA ELEMENT DICTIONARY S&CP

A status assigned by the Customer at any point in request evaluation to withdraw the request from any further action. (Final state).

X

No definitions at this time.

Y

No Definitions at this time.

Z

No definitions at this time.