

Scheduling Transmission Service

BPA Transmission Business Practice

Version 35
TBD

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This business practice describes the process and guidelines for scheduling transmission services from BPA.

See the Energy Imbalance Market (EIM) Business Practice for information on scheduling EIM transfers.

BPA Policy Reference

- [Open Access Transmission Tariff \(OATT\)](#): Sections 13; 14; 16; 17; 18; 19; 22; 29
- [Transmission Rate Schedules/Provisions](#): Network Integration Rate; Point-to-Point Rate

For more information, visit the [BPA Transmission Business Practices webpage](#) or submit questions to techforum@bpa.gov.

Table of Contents

A. General Procedures and Requirements	1
B. Scheduling Reserves	4
C. Transmission Service Product Suffix Codes	5
D. E-Tag Submittal Windows	5
E. CDE Data Submission	5
F. Emergency E-Tags	6
G. E-Tag Validation	6
H. Reliability Limits and Outages Information	7
I. Northwest Market Hub	7
J. Reno-Alturas Intertie Scheduling Guidelines	8

A. General Procedures and Requirements

1. Transmission schedules:
 - a. All transmission schedules must be submitted via e-Tag.
 - b. Customers may contact BPA if they are unclear about how they should submit a transmission schedule.
 - c. Customer maintains responsibility for the transaction described in the e-Tag.

- d. If a Customer finds that an e-Tag contains incorrect information (e.g., contract or type of transmission service) the Customer must ensure that an adjustment to the e-Tag is submitted with the correct information.
 - e. All transactions must be e-Tagged from the original Source to the final Sink.
 - f. If a transaction involves the Network and PNW AC Intertie, the Network and Pacific DC Intertie, or the Montana Intertie and Network, all transmission segments must be submitted on the same e-Tag.
 - g. When the PNW AC Intertie is on an e-Tag, Customers are not permitted to stack Non-Federal Ownership of the PNW AC Intertie (NFP Product Suffix Code) and BPA PTP Transmission Capacity.
 - h. If the Customer does not submit a schedule for a given interval, for all purposes, BPA will deem the Customer to have submitted a schedule of zero megawatts for that interval.
 - i. Customers may use more than one supporting reservation to meet a single e-Tag demand.
 - j. Customer is responsible for the management of its schedules and reservations.
 - k. If generation is reduced (or lost entirely), the Customer must adjust future-interval generation estimates and e-Tags accordingly.
 - l. Nothing in this business practice conveys rights to submit Schedule Requests if a Customer does not otherwise have such rights by contract.
 - m. Customers should submit e-Tags only for the purpose of using the reserved transmission rights to deliver energy products across the identified path to the specified delivery location for Non-Firm transmission. (Identical language is intentionally reinforced in the Requesting Transmission Services Business Practice.)
 - i. The intentional creation and withdrawal of e-Tags with no expectation of actual energy delivery for the intended purpose of creating counter-flow ATC to allow a Customer to acquire additional Non-Firm transmission rights, is not considered a genuine transaction.
 - ii. This behavior impacts BPA's ability to efficiently and equitably manage its transmission product offerings pursuant to the BPA OATT.
2. Network Integration (NT) Transmission Service:
- a. The following NT Customers do not need to submit transmission schedules to BPA:
 - i. BPA and BPA Power Services full requirements Customers within BPA's Balancing Authority Area.
 - ii. BPA Power Services' partial requirements Customers, with the exception of that portion of the partial requirements Customer's Network Load not being served by a BPA Power Services partial requirements contract.
 - iii. BPA Power Services' Block Product Customers that have assigned their Secondary Network Service rights to BPA Power Services for NT Block deliveries within BPA's Balancing Authority Area.

- b. NT Customers who are not in the BPA Balancing Authority Area or have resources outside the BPA Balancing Authority Area must submit transmission schedules.
 - c. When e-Tagging Firm NT schedules, NT Customers are required to use the 7-FN curtailment priority code.
- 3. Point-to-Point (PTP) Transmission Service:
 - a. Customers submitting Firm PTP schedules are required to use the 7-F curtailment priority code.
- 4. Blanket Function:
 - a. To use the Blanket Function, Customers must reference the five-digit Service Agreement number in the e-Tag OASIS field.
 - b. The Blanket Function will automatically locate all confirmed reservations with available demand; matching Service Agreement, POR/POD, Transmission Service Type, and curtailment priority for the schedule duration.
 - c. The system will then automatically encumber the earliest Assignment Reference (AREF) first per the Transmission Profile and Energy Profile of the e-Tag.
 - d. Customer maintains responsibility for management of their Transmission Profiles and their Energy Profiles.
- 5. California Oregon Border Hub (COBH):
 - a. California Oregon Border Hub (COBH) transactions are not allowed to continue south on the PNW AC Intertie to California or to the Reno-Alturas path.
 - b. All transactions into or out of COBH must net to zero on all intervals.
- 6. Alternate e-Tag procedures for discretionary offers of transmission for stranded load:
 - a. Customers needing to serve stranded load should contact their assigned Transmission Account Executive or the BPA Capacity Desk for assistance.
 - i. BPA may use its discretion to offer transmission service when posted ATC is not sufficient, but BPA knows that sufficient ATC is available to accommodate the service request.
- 7. Scheduling system or software disruption:
 - a. In the event of a Requesting Purchase Selling Entity (PSE)/Scheduling Agent scheduling system outage, BPA will advise the Requesting PSE/Scheduling Agent to contact another entity in the transaction chain in accordance with NAESB WEQ Standard, WEQ-004 or its successor to affect scheduling until the issue is resolved.
 - b. In the event of an interchange software failure, BPA will operate in accordance with INT-020-WECC-CRT-4 or its successor.
- 8. Test e-Tags:
 - a. E-Tags submitted for test purposes will automatically pass the demand checks validation.
 - b. Test e-Tags will not impact ATC, AREF or Interchange.

- c. The approval status of a test e-Tag will be set based on the results of all other validation checks. A list of e-Tag validation checks and denial reasons is available on the [Customer Training webpage](#) under “Scheduling.” *[will be adjusted to point to Section G if list is not relocated with BP finalization]*

B. Scheduling Reserves

1. Self-supply of Operating Reserves:
 - a. BPA will create e-Tags for the delivery of Operating Reserves following the delivery interval (After the Fact) to all Customers who have elected to self-supply Operating Reserves.
 - b. A Customer who self-supplies Operating Reserves and desires to change its e-Tag template must submit a request in writing or by email to its assigned Transmission Account Executive within the normal election time frame.
 - c. A Customer may not change its e-Tag template during the period for which it is self-supplying Operating Reserves.
2. Third party supply of Balancing Reserves:
 - a. Third party supplied Balancing Reserves must be scheduled:
 - i. On Firm PTP;
 - ii. To the third party supply centroid, BPA.3PS; and
 - iii. Using Capacity or Dynamic type e-Tags.
 - b. Customers will receive a billing credit for the transmission allocation scheduled for delivery of third party supply of Balancing Reserves.
 - c. To ensure the correct billing credit, Customers may reference the AREF, not the Blanket Function.
 - d. Third party supplied Balancing Reserves are not subject to loss return.
3. Self-supply of Balancing Reserves:
 - a. Self-supplied Balancing Reserves must be scheduled:
 - i. On Firm PTP;
 - ii. To the Self-supply centroid, BPA.SS; and
 - iii. Using Capacity or Dynamic type e-Tags for each self-supply Balancing Resource.
 - iv. See the [Self Supply of Balancing Reserves Business Practice](#), Section E, Procedures for Designating a Self Supply Centroid.
 - b. Participants must work with BPA to register a Source/Sink ending in .SS. See the [Self Supply of Balancing Reserves Business Practice](#).
 - c. Customers will receive a billing credit for the transmission allocation scheduled to deliver self-supplied Balancing Reserves.
 - d. Self-supplied Balancing Reserves are not subject to loss return.

C. Transmission Service Product Suffix Codes

1. Certain transmission service product types require a unique Product Suffix Code appended to the AREF or five-digit Service Agreement number referenced on the OASIS Contract Number field on the e-Tag, to identify the intent of the transmission schedule.
2. When utilizing a Product Suffix Code on an e-Tag, enter the five-digit Service Agreement number or the AREF number followed by a hyphen then the applicable Product Suffix Code.
3. A list of transmission service product types and associated Product Suffix Codes is available on the [Customer Training webpage](#) under “Scheduling.” *[list will appear in this section if it is not relocated with BP finalization]*

D. E-Tag Submittal Windows

1. The timing for submittal of e-Tags as discussed in this business practice is different than the submittal timing for Base Schedule Submission by EIM participants. See the EIM Business Practice for information on Base Schedule Submission.
2. BPA scheduling interval(s) start and stop times are the following: XX: 00, XX: 15, XX: 30, and XX: 45.
3. If the Ramp Duration on the e-Tag is left blank, the WECC default Ramp Duration will be designated.
4. BPA will process e-Tags as defined in the WECC Timing Requirements table in NERC INT-006-4 or its successors.
 - a. Real-Time: BPA may deny late e-Tags as defined by the Timing Requirements table of INT-006-4 or its successors.
 - b. After The Fact (ATF): Customer should contact the BPA ATF work group prior to the creation of an ATF e-Tag.

E. CDE Data Submission

1. Data submitted into the Customer Data Entry (CDE) system must be in hourly increments. T-7 Days, Preschedule, and Real-Time submittal windows are listed in the table below.
2. See the [CDE User Guide](#) for information on how to submit data via CDE.

- See the [Oversupply Management Protocol \(OMP\) Business Practice](#), Section C, Establishing Minimum Generation Levels and Maximum Ramp Rates for additional details.

Data Type	T-7 Days		Preschedule Window		Real-Time Window	
	Open	Close	Open	Close	Open	Close
Load Estimate	N/A	N/A	08:00:00 PPT	18:00:00 PPT	22:00:00 PPT	10 minutes prior to the Operating Hour
Energy Imbalance Payback Schedules	N/A	N/A	08:00:00 PPT	14:00:00 PPT	22:00:00 PPT	30 minutes prior to the Operating Hour
Generation Estimates	08:00:00 PPT	18:00:00 PPT	08:00:00 PPT	18:00:00 PPT	22:00:00 PPT	10 minutes prior to the Operating Hour
Generation Imbalance Payback Schedules	N/A	N/A	08:00:00 PPT	14:00:00 PPT	22:00:00 PPT	20 minutes prior to the Operating Hour
Operating Reserves Load Estimates	N/A	N/A	08:00:00 PPT	18:00:00 PPT	22:00:00 PPT	30 minutes prior to the Operating Hour
Note:	A party that submits an e-Tag during the Real-Time Window does not need to submit a data entry into CDE during the Real-Time Window					

F. Emergency E-Tags

- BPA will process Emergency e-Tags in accordance with requirements of INT-007-WECC-CRT-5 or its successor, and WEQ-004 or its successor.
- E-Tag start time can be no more than 10 minutes in the past.
- Requestor must have a valid transmission reservation for the BPAT segment of an e-Tag. BPA hourly transmission products may be reserved within hour if available capacity exists.
- If BPA is the Sink BAA for the emergency request, the requestor should notify BPA of the nature of the emergency via phone call to Transmission Scheduling, (360) 418-2878.

G. E-Tag Validation

- All e-Tags will be validated by BPA to ensure accuracy.
- E-Tags that fail validation will automatically be denied or manually processed.
- E-Tags that fail validation can be corrected within the appropriate approval window.
- All e-Tags are validated to ensure there is a Confirmed reservation(s) to support e-Tags (demand check) unless Customers meet one of the following criteria:
 - Retain an NT Memorandum of Agreement (MOA) (7-FN) contract with BPA that addresses special scheduling provisions for specific Firm Transmission Demand that is not explicitly represented by Open Access Same-Time Information System (OASIS) reservations and submit Firm e-Tags with the -ND Product Suffix Code appended to the OASIS field of the e-Tag's transmission allocation.
 - Retain an NT Service Agreement with BPA that requires the reservations to indicate specific PORs and PODs, places no limitations on the reserved Transmission Demand, which is based on load forecasts, and submit Firm (7-FN)

- e-Tags with the -ND Product Suffix Code appended to the OASIS field of the e-Tag's transmission allocation.
- c. For Non-Federal Ownership of the PNW AC Intertie the tagging entity must submit Firm (7-F) e-Tags with the -NFP Product Suffix Code appended to the OASIS field of the e-Tag's transmission allocation.
- d. Retain a Priority Firm Power (PF) and/or Block NT Service Agreement(s) and submit Firm (7-FN) e-Tags with the -PFN Product Suffix Code appended to the OASIS field of the e-Tag's transmission allocation.
- 5. A list of e-Tag validation denial reasons is available on the [Customer Training webpage](#) under "Scheduling." *[list will appear in this section if it is not relocated with BP finalization]*

H. Reliability Limits and Outages Information

1. BPA's Real-Time schedulers will place TSR Reliability Limits on affected TTC paths prior to 22:00 PPT for the next Preschedule day.
2. Despite a TSR Reliability Limit, Customers may schedule up to the full reserved Transmission Demand.
3. TSR Reliability Limits will be updated when any changes to TTC occur during the Real-Time Window.
4. If a Reliability Limit impacts the Transmission Demand of a reservation, Customers configured to receive email notification for Notification Event = SECURITY_LIMITS will automatically receive notification of that impact by email. See the [Supplemental OASIS User Guide](#) for details on how to subscribe.
 - a. For Customers not configured to receive email notification, Reliability Limits on a reservation can be viewed on OASIS at <http://www.oasis.oati.com>.
5. If necessary, BPA will implement reliability reduction procedures.
 - a. BPA will curtail e-Tags *pro rata* according to curtailment priority.

I. Northwest Market Hub

1. The Northwest Market Hub (NWH) is a BPA sponsored hub service made up of the following five BPA substations in the Mid-Columbia area that are operated as a composite point:
 - a. Valhalla
 - b. Sickler
 - c. Vantage
 - d. Midway
 - e. Columbia
2. Customers may request Firm and Non-Firm transmission to and from the NWH.

3. Customers that have any one of the five NWH substations named in their Long-Term Firm Service Agreements are not allowed to use the named substation as a substitute for NWH transactions.
4. BPA is the intermediary Balancing Authority at the NWH for all NWH transactions.
5. NWH cannot be used as the first POR or last POD on an e-Tag.
6. All transactions into or out of the NWH must net to zero for each interval.
 - a. BPA will not accept unbalanced NWH schedules.
 - b. An e-Tag using the NWH will have at least two BPA Network transmission segments, one to the Hub and one away from the Hub, with associated charges to the respective Transmission Contract Holder (TCH) for each segment.

J. Reno-Alturas Intertie Scheduling Guidelines

1. The Reno-Alturas Intertie is NV Energy's Hilltop-Bordertown-North Valley Road line. Schedules to or from the NEVP Balancing Authority Area that use the Reno-Alturas Intertie must travel through the BPA BAA, because BPA is the adjacent Balancing Authority.
2. General requirements:
 - a. Customers that use the Reno-Alturas Intertie must acquire:
 - i. Transmission rights on the Southern Intertie (JohnDay-Malin500);
 - ii. Transmission rights across PacifiCorp's Malin500/230 kV Transformer; and
 - iii. BPA transmission rights between Malin230 and Hilltop345.
3. Submitting Reno-Alturas Intertie schedules:
 - a. Schedules on the Reno-Alturas Intertie using JohnDay must include:
 - i. Valid transmission segment for JohnDay-Malin500;
 - ii. PacifiCorp transmission segment for their Malin transformer; and
 - iii. BPA transmission segment for Malin230-Hilltop345.
 - iv. Reno-Alturas Intertie e-Tag examples are available on the [Customer Training webpage](#) under "Scheduling." *[examples will appear in this section if they are not relocated with BP finalization]*
 - b. BPA does not accept COBH schedules to or from the Reno-Alturas Intertie.
4. Billing determination:
 - a. BPA Main Network:
 - i. BPA will provide the Customer a billing credit for one leg of Network transmission when:
 1. The same PSE is referenced on the BPA Transmission Network both to or from JohnDay and between Malin230 and Hilltop345;
 2. All BPA transmission segments use Point to Point Transmission Service of the same e-Tag;

3. The same Firm or Non-Firm Class is used for all BPA transmission segments; and
 4. At least one of the BPA Transmission Network segments, to or from JohnDay or the segment between Malin230 and Hilltop345, must have a duration of Hourly, Daily, Weekly, or Monthly service and be a Request Type of Original. The other segment can be either Short-Term or Long-Term service.
 - a. BPA will not provide the Customer a billing credit when the Customer uses vertical stacking on either BPA transmission segment.
 - b. BPA will not provide the Customer a billing credit when the Customer uses the Blanket Function on either BPA transmission segment.
 - c. The BPA transmission segment with the Request Type of Original receives the credit.
 - d. If both BPA transmission segments are Request Type Original, then both BPA transmission segments must have the same Service-Type.
- b. PNW AC Intertie:
- i. There is no billing credit for using the NWACI. Service on the NWACI is subject to BPA's applicable rates.
- c. Schedules between NEVP BAA and CISO/BANC BAA, to or from:
- i. The e-Tag OASIS field must contain the SERVICE-NOR Product Suffix Code to be exempt from incurring BPA charges and loss return obligations for e-Tags that use BPA's Malin500-Malin500 and Malin500-CaptainJack paths.
 - ii. Reno-Alturas Intertie e-Tag examples are available on the [Customer Training webpage](#) under "Scheduling." *[examples will appear in this section if they are not relocated with BP finalization]*

Appendix A. Transmission Service Product Type and Product Suffix Codes

[List will appear in Section C if not relocated to [Customer Training webpage](#) at BP finalization]

Transmission Service/Product Type	Description	Product Suffix Code
PTP Network Firm PF NT Network Firm PF/Block NT Monthly Non-Firm (MNF) PF/Block PTP MNF PF/Block NT Weekly Non-Firm (WNF) PF/Block PTP WNF PF/Block NT Daily Non-Firm (DNF) PF/Block PTP DNF PF/Block NT Hourly Non-Firm (HNF) PF/Block PTP HNF PF/Block	Priority Firm Power (PF) and/or Block NT Service Agreement with BPA Power Services for Firm and Non-Firm NT and PTP transmission schedules	<xxxxx>-PF
No Demand Check (ND)	ND service exempts certain Contracts from automated demand checks.	<xxxxx>-ND
No OASIS Required (NOR)	NOR Service exempts the segment of the transaction from incurring transmission charges and loss obligations. The use of NOR Service is limited to certain paths and/or owners.	Service-NOR
Non-Federal Ownership of the PNW AC Intertie (NFP)	Allows e-Tags to pass contract validation for entities with NFP where no specific AREF exists.	<xxxxx>-NFP
NT Network Firm PF/Block	PF and/or Block NT Service Agreement with BPA Power Services for Firm NT Transmission schedules with no demand checks.	<xxxxx> -PFN
Non-Federal Participant Owner Losses	Loss returns for Southern Intertie and NFP Owners on the Intertie for Ownership Share Demand Overrun.	L7

Transmission Service/Product Type	Description	Product Suffix Code
Northern Intertie (NI) Loss Return	Loss returns for NI Owners. L9	L9
EIM Transfers (both static and dynamic)	EIM suffix exempts EIM Transfers that source, sink, or wheel through the BPA BAA from incurring loss obligations. The use of EIM suffix is limited to certain paths and/or owners.	<xxxxx>-EIM

Appendix B. E-Tag Validation Denial Reasons

[List will appear in Section G if not relocated to [Customer Training webpage](#) at BP finalization]

Validation Name	Description	Fail Reason
3PS and SUP Checks	Verifies that if the POR/POD is BPA.3PS or BPA.SUP, then the Transaction Type must be Capacity or Dynamic and the priority must be 7-F or 7-FN.	BPA.3PS, BPA.SUP must be Firm & Capacity or Dyn
ATF Tag Timing	Verifies that After-The-Fact Adjustments are only allowed on Contingency Reserves Delivery, Dynamic, and Pseudo-Tie e-Tags.	Invalid ATF e-Tag Adjustment timing
BigEddy JohnDay Hub Validation	Verifies that JohnDay, CaptainJack, Malin500, BigEddy, and NOB are not being used as hubs.	Cannot hub NWACI or DC path
Blanket Capacity/Demand MW	Verifies that an e-Tag's supporting reservation(s) has sufficient unused confirmed capacity to accommodate the e-Tag's Transmission Profile.	(Blanket) Capacity/Demand MW
Blanket Customer	Verifies that the Customer on the e-Tag matches the Customer on the supporting reservation/contract number.	(Blanket) Customer
Blanket POR/POD	Verifies that the scheduling point POR/POD specified on the e-Tag matches the equivalent reservation point POR/POD listed on the supporting reservation.	(Blanket) POR/POD
Blanket Priority	Verifies that the priority specified on the e-Tag is not higher than the priority of the supporting reservation.	Priority on e-Tag is higher than supporting AREF
Contract Number	Verifies that the contract number specified in the OASIS field of the e-Tag matches a valid BPA Transmission contract.	Invalid contract number
Contract Priority	Verifies that the priority specified in the e-Tag is valid for the supporting reservation.	Invalid contract priority
Contract/Suffix	Verifies that when a suffix is appended to the OASIS field in an e-Tag, it corresponds to a valid BPAT suffix.	Invalid Suffix used in OASIS field
Customer	Verifies that the Owner listed in the Transmission Allocation of the e-Tag matches the owner of the BPA transmission contract specified in the OASIS field.	Owner in e-Tag does not match contract owner

Validation Name	Description	Fail Reason
DC Validation	Verifies that NOB cannot be used as a POR or POD on e-Tags specifying a Transaction Type of Dynamic, Pseudo-Tie, or Capacity.	Dynamic/Pseudo/Capacity not allowed over DC path
EIM Tags On Wheel Through	Verifies that e-Tags with a Transaction Type of Normal or Dynamic that specify a suffix of -EIM in the OASIS field are not allowed to list BPAT as the GCA and/or LCA.	BPAT cannot be GCA/LCA on Norm/Dyn tags using -EIM
Emergency Tag Check	Verifies that e-Tags specifying a Transaction Type of Emergency require BPAT manual approval/denial action.	Emergency tags require manual evaluation
Energy Profile	Verifies that the Energy Profile specified on the e-Tag is equal to or less than the e-Tag's Transmission Profile.	Energy Profile cannot exceed Transmission Profile
GEN/LOAD MW Check	Verifies that MWs specified at the POR of a Transmission path segment are equal to the MWs specified at the POD of the same segment.	All Segments must have matching POR MW and POD MW
G-NF Usage Check	Verifies BPAT cannot be the LCA on e-Tags using the G-NF Energy Product, G-NF Exports must specify an e-Tag Transaction Type of Normal, and disallows G-NF exports from BPAT over the DC Path.	G-NF usage check
Intra-Hour Profile	Verifies that all e-Tags must have Start Time and Stop Time of XX:00, XX:15, XX:30 or XX:45.	Start/Stop minutes must be 00, 15, 30, or 45
Late Tag Exemptions	Verifies that the e-Tag is late according to the Interchange Authority.	Tag is late according to Interchange Authority
NWACI DTC	Verifies that the DTC PROVIDER or DTC REQUESTOR specified in the Misc Info field is approved by BPAT to submit e-Tags over the NWACI path with the Transaction Type of Dyn. Sched.	DTC Provider/Requestor invalid for NWACI Dyn e-Tag
POR/POD	Verifies that the POR/POD referenced on the e-Tag is valid for the supporting contract, for the e-Tag TC Owner, and for the period of flow (from OASIS reservations or from BPAT contract data).	POR/POD and/or Owner is invalid for time specified
Preemption Aref	Verifies that the supporting reservation on e-Tag is not involved in a Preemption.	Supporting reservation is involved in Preemption

Validation Name	Description	Fail Reason
Ramp Duration	Verifies that the ramp duration start and stop values specified on the e-Tag is equal to the NAESB/WECC ramp duration default. If no start and stop values are specified, the NAESB/WECC default ramp duration is used.	Invalid ramp duration
Recallable Export Tag	Verifies that Recallable exports must use the 7-F Transmission Product. Extensions and Terminations are not allowed on Recallable Exports .BPAT cannot be the GCA or LCA on e-Tags with a Transaction Type of Recallable. e-Tags that use the C-RE Market Product must specify Recallable as the Transaction Type.	Recallable tag must be 7-F export/wheel & use C-RE
Same Tag Losses not Allowed	Verifies that the Loss Accounting profile of an e-Tag is not specified. In-Kind Concurrent Real Power Loss returns must be specified on a separate e-Tag.	Loss Accounting Profile cannot be used
Service Type	Verifies that the contract type, corresponding to the reservation number or contract number specified in the e-Tag OASIS field, is valid for the suffix referenced in the OASIS field.	(Suffix) Service Type
Sink	Verifies that where BPAT is the LCA, the Sink listed in the e-Tag is valid for the suffix appended to the OASIS field.	(Suffix) Sink
Source	Verifies that where BPAT is the GCA, the Source listed in the e-Tag is valid for the suffix appended to the OASIS field.	(Suffix) Source
Suffix Agreement	Verifies that the agreement type of the contract number or the corresponding reservation number specified in the e-Tag OASIS field is valid for the suffix referenced in the OASIS field of the e-Tag.	(Suffix) Agreement Type
Suffix Path	Verifies the POR/POD on the e-Tag is allowed for the contract number and suffix used.	(Suffix) POR/POD Owner
Suffix Priority	Verifies that the priority on the e-Tag is valid for the suffix appended to the OASIS field.	(Suffix) Priority
Tag Timing	Verifies that all e-Tags adhere to e-Tag timing requirements specified within	Invalid tag timing

Validation Name	Description	Fail Reason
	BPA's business practices and/or NAESB/WECC.	
Tag Type vs Energy Product	Verifies that e-Tags with the Transaction Type of Capacity that Sink in BPAT BAA use the 7-F Transmission Product. e-Tags specifying "SERVICE-BR" in the OASIS field and a priority of 1-NS must also specify an e-Tag Transaction Type of Dynamic and use a 1-NS Transmission Product. e-Tags using the "-ODB" suffix must specify an e-Tag Transaction Type of Capacity and must use the 7-F Transmission Product.	Invalid combination of e-Tag Type and priority
Tag vs TSR Priority	Verifies that the priority specified on the e-Tag is not lower than the priority of the supporting reservation (except for tagging Conditional Firm Service).	Priority on e-Tag is lower than supporting AREF
TP POR/POD to Adjacent Point	Verifies that an adjacent upstream and/or downstream scheduling point specified on the e-Tag is valid for the corresponding POR/POD.	TP POR/POD to Adjacent Point
TP POR/POD to SE Adjacency	Verifies that the TP and POR specified in the physical path of an e-Tag is adjacent to the upstream SE. Also verifies that TP and POD specified in the physical path of the e-Tag is adjacent to the downstream SE.	(Path) POR/POD to SE Adjacency
TP POR/POD to Source/Sink	Where BPAT is the GCA, verifies that the POR specified in the physical path of an e-Tag is valid for the Source. Also verifies that where BPAT is the LCA, the POD specified in the physical path on an e-Tag is valid for the Sink.	(Path) POR/POD to Source/Sink
TP-SE Association	Verifies that the TP specified in the physical path of the e-Tag is a valid TP to be used in association with the specified SE on the same physical path.	(Path) TP-SE Association

Appendix C. Generic E-Tags for Reno-Alturas Intertie

[Examples will appear in Section J if not relocated to [Customer Training webpage](#) at BP finalization]

1. These examples are a subset of potential e-Tag transactions for the Reno-Alturas Intertie.
 - a. E-Tags on Reno-Alturas Intertie using JohnDay

CA	PSE	TP	POR	POD	SE	Comment
ANY			Source:	AnySource		
	APSE	BPAT	ANY	JohnDay	BPAT	
	APSE	BPAT	JohnDay	Malin500	BPAT	Can be another AC provider
	APSE	PPW	Malin500	Malin230	PACW	
	APSE	BPAT	Malin230	HILLTOP345	BPAT	
	APSE	NEVP	HILLTOP345	NEVP_POD	NEVP	
NEVP			Sink:	AnySink		

- b. E-Tags between NEVP and CISO, to or from

CA	PSE	TP	POR	POD	SE	OASIS
NEVP			Source:	AnySource		
	APSE	NEVP	ANY	HILLTOP345	NEVP	
	APSE	BPAT	HILLTOP345	Malin230	BPAT	
	APSE	PPW	Malin230	Malin500	PACW	
	APSE	BPAT	Malin500	MALIN500	BPAT	SERVICE-NOR
	APSE	CISO	MALIN500	ANY	CISO	
CISO			Sink:	AnySink		

- c. E-Tags between NEVP and BANC, to or from

CA	PSE	TP	POR	POD	SE	OASIS
NEVP			Source:	AnySource		
	APSE	NEVP	ANY	HILLTOP345	NEVP	
	APSE	BPAT	HILLTOP345	Malin230	BPAT	
	APSE	PPW	Malin230	Malin500	PACW	
	APSE	BPAT	Malin500	CaptainJack	BPAT	SERVICE-NOR
	APSE	CISO	CaptainJack	ANY	BANC	
BANC			Sink:	AnySink		

d. Flow Diagram

