

# Scheduling Transmission Service

---

BPA Transmission Business Practice

**Version 30**  
**3/1/2020**

# Scheduling Transmission Service

## Version 30

This Business Practice describes the process and guidelines for scheduling transmission services from BPA Transmission Services.

Bilateral Redispatch for Congestion Management is a program in which BPA establishes agreements with third parties for INC and DEC resources for the purpose of providing flow relief.

### 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 page](#) or submit questions to [techforum@bpa.gov](mailto:techforum@bpa.gov).

## Table of Contents

A. General Procedures & Requirements .....	2
B. Scheduling Reserves .....	4
C. Transmission Service Product Suffix Codes .....	4
D. E-Tag Submittal Windows.....	5
E. CDE Data Submission .....	5
F. Additional Ancillary Service Data .....	6
G. Emergency e-Tags .....	6
H. E-Tag Validation Rules .....	6
I. Northwest Market Hub .....	7
J. Alternate E-Tag Procedures for Discretionary Offer of Transmission for Stranded Load .....	7
K. Reliability Limits & Outages Information.....	8
L. Scheduling Bilateral Redispatch for Congestion Management.....	8
M. Reno-Alturas Intertie Scheduling Guidelines.....	9
Appendix A. Tagging Suffixes .....	10
Appendix B. E-Tag Validation Rules .....	12
Appendix C. Generic e-Tags for use of RATS line .....	17
Flow Diagram.....	18

## A. General Procedures & Requirements

### 1. Submitting Transmission Schedules

- a. All transmission schedules must be submitted through the e-Tag process.
- b. Customers may contact BPA Transmission Services if they are unclear about how they should submit a transmission schedule.
- c. The 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 tagged from the original Source to the final Sink.
- f. If the Customer does not submit a schedule for a given interval, for all purposes, BPA Transmission Services will deem the Customer to have submitted a schedule of zero megawatts for that interval.
- g. Customers may use more than one supporting reservation to meet a single e-Tag demand.
- h. Customer is responsible for the management of its schedules and reservations.
- i. If generation is reduced (or lost entirely), the Customer must adjust future-interval generation estimates and e-Tags accordingly.
- j. If a transaction involves both Network and Southwest Interties or Network and the Montana Intertie, all parts of the transaction must be submitted on the same e-Tag.
- k. California Oregon Border Hub (COBH) transactions are not allowed to continue south on the Southern Intertie to California or to the Reno-Alturas path.
- l. All transactions into or out of the Northwest Market Hub (NWH) or COBH must net to zero on all intervals.
- m. Scheduling on the DC Intertie
  - i. Transactions on the DC Intertie may be changed after XX:00 of the operating hour only in response to a transmission reliability event (15-minute scheduling is not allowed on the DC Intertie).
  - ii. During a declared Emergency, Intra Hour changes to DC Intertie schedules will be allowed. An Emergency e-Tag type must be used on the DC Intertie for a declared Emergency event.
  - iii. Transactions on the PDCI must be in whole hour increments.
- n. In the event of a Requesting PSE/Scheduling Agent scheduling system outage, BPAT will advise the Requesting PSE/Scheduling Agent to contact another entity in the transaction chain in accordance with NAESB WEQ Standard, WEQ-004-A or its successor. In the event of an interchange software failure, BPAT will operate in accordance with INT-020-WECC-CRT-2 or its successor.
- o. Nothing in this business practice conveys rights to submit Schedule Requests if a Customer does not otherwise have such rights by contract.

## 2. 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 NERC 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.

## 3. Network Integration Transmission (NT) Service

- a. The following NT Customers do not need to submit transmission schedules to BPA Transmission Services:
  - i. Bonneville Power Administration (BPA) and Power Services full requirements Customers within BPA's Balancing Authority Area.
  - ii. Power Services' partial requirements Customers, with the exception of that portion of the partial requirements Customer's Network Load not being served by a Power Services partial requirements contract.
  - iii. Power Services' Block Product Customers that have assigned their secondary NT Service rights to 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 NERC Curtailment Priority code.

## 4. Point-to-Point (PTP) Transmission Service

- a. Customers submitting Firm PTP schedules are required to use the 7-F NERC Curtailment Priority code.

## 5. Test E-Tags

- a. E-Tags submitted for test purposes will automatically pass the Demand validations checks.
- b. Test e-Tags will not impact ATC, A-Ref or Interchange.
- c. The approval status of a test e-Tag will be set based on the results of all other validation checks listed below in e-Tag Validation Rules.

## B. Scheduling Reserves

1. Self-Supply Operating Reserves
  - a. BPA Transmission Services 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 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 Supply must be scheduled:
    - i. on Firm PTP;
    - ii. to the Third Party Supply centroid, BPA.3PS; and
    - iii. using capacity or dynamic e-Tags
  - b. Transmission 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 Supply is not subject to loss return.
3. Self-Supply Balancing Reserves
  - a. Self-Supply Balancing Reserves must be scheduled on Firm PTP;
    - i. to the Self-Supply centroid, BPA.SS; and
    - ii. using capacity or dynamic e-Tags for each Self-Supply Balancing Resource.
    - iii. See Self Supply of Balancing Reserves Business Practice, Section E
  - b. Participants must work with BPA Transmission Services to register a Source/Sink ending in .SS. See Self Supply of Balancing Reserves Business Practice.
  - c. Transmission Customers will receive a billing credit for the transmission allocation scheduled to deliver Self-Supply Balancing Reserves.
  - d. Self Supply Balancing Reserves are not subject to loss return.

## C. Transmission Service Product Suffix Codes

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 uniquely identify the intent of the transmission schedule. The Transmission Service/Product Type and Product Suffix Codes are listed in Appendix A.

1. When utilizing a Product Suffix Code on the e-Tag, enter the five-digit Service Agreement number or the AREF number followed by a hyphen then the applicable Product Suffix Code.
2. When e-Tagging BPA Loss Returns, enter BPAPower into the Point-of-Delivery (POD) field and BPALOSS into the SINK field.
3. For the AC Transmission path on the e-Tag, Customers are not permitted to stack Non-Federal Ownership of the Pacific AC Intertie (NFP) and BPAT PTP Transmission Capacity.

## D. E-Tag Submittal Windows

1. E-Tags
  - a. BPA Transmission Services scheduling interval(s) start and stop times are the following: XX: 00, XX: 15, XX: 30, and XX: 45.
  - b. If the Ramp Duration on the e-Tag is left blank, the WECC default Ramp will be designated
  - c. BPA Transmission Services will process e-Tags as defined in the WECC Timing Requirements table in NERC INT-006-4 or its successors.
    - i. Realtime: BPA Transmission Services may deny late e-Tags as defined by the Timing Requirements table of INT-006-4 or its successors.
    - ii. After The Fact (ATF): Customer should contact BPA Transmission Services ATF work group prior to the creation of an ATF e-Tag.

## E. CDE Data Submission

1. Data submitted into CDE must be in hourly increments. Preschedule and Real Time submittal windows are listed in the table below.
2. See Customer Data Entry Business Practice for generation estimate submission requirements.
3. See Oversupply Management Protocol Business Practice, Section C for additional details.

Data Type	Preschedule Window		Realtime Window	
	Open	Close	Open	Close
Load Estimate	08:00:00 PPT	18:00:00 PPT	22:00:00 PPT	10 minutes prior to the Operating Hour
Energy Imbalance Payback Schedules	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	22:00:00 PPT	10 minutes prior to the Operating Hour
Generation Imbalance Payback Schedules	08:00:00 PPT	14:00:00 PPT	22:00:00 PPT	20 minutes prior to the Operating Hour
Operating Reserves Load Estimates	08:00:00 PPT	18:00:00 PPT	22:00:00 PPT	30 minutes prior to the Operating Hour

## F. Additional Ancillary Service Data

1. Refer to current Data Request and Specification(s) to determine Daily and Hourly requirements.

Data Type	Submission Timing Window	
	Open	Close
Minimum Generation	7 days*	20 minutes prior to the Operating Hour
Maximum Generation	7 days*	20 minutes prior to the Operating Hour
Hourly Unit Commitment	7 days*	20 minutes prior to the Operating Hour

\*Customers are encouraged to enter data for minimum and maximum generation for the 7th day as this data will be automatically copied to the next day. Hourly unit commitment flag will be turned on/off automatically based on the minimum and maximum generation number.

## G. Emergency e-Tags

1. BPA Transmission Services will process Emergency e-Tags in accordance with INT-007-WECC-CRT-3 or its successor.

## H. E-Tag Validation Rules

1. All e-Tags will be validated by BPA Transmission Services to ensure accuracy.
2. E-Tags that fail any of the validation rules listed in Appendix B will automatically be denied or manually processed.
3. Reservation(s) to support the e-Tag must be in a Confirmed status prior to submitting the e-Tag.
4. E-Tags can be corrected within the appropriate approval window.
5. Demand check validations will be performed on all e-Tags unless Customers meet one of the following criteria:
  - a. Retain a FPT (7-F) or NT Memorandum of Agreement (MOA) (7-FN) contract with BPA Transmission Services 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 suffix appended to the Reference field of the e-Tag's transmission allocation.
  - b. Retain an NT Service Agreement with BPA Transmission Services that requires the reservations to indicate specific PODs 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 suffix appended to the Reference field of the e-Tag's transmission allocation.
  - c. For Non-Federal Ownership of the Pacific AC Intertie the tagging entity must submit Firm (7-F) e-Tags with the -NFP suffix appended to the Reference field of the e-Tag's transmission allocation.

- d. Retain a PF and/or Block NT Service Agreement(s) and submit Firm (7-FN) e-Tags with the -PFN suffix appended to the Reference field of the e-Tag's transmission allocation.
6. BPA Transmission Services' validation rules are described in Appendix B.

## I. Northwest Market Hub

1. The Northwest Market Hub (NWH) is a BPA Transmission Services 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 already 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 Transmission Services 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. Each transmission schedule to and from the NWH must net to zero for each interval. BPA Transmission Services will not accept unbalanced NWH schedules. 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.
7. No after-the-fact transmission schedules are allowed at the NWH.

## J. Alternate E-Tag Procedures for Discretionary Offer of Transmission for Stranded Load

1. Certain BPA Network transmission outages make it impossible to serve stranded load via the usual procedures. In some instances, however, it is possible to provide service to the stranded load in a manner other than the usual service. However, due to the posted Available Transfer Capability (ATC), reservations cannot always be made for the alternate service. BPA Transmission Services may use its discretion to offer transmission service when posted ATC is not sufficient, but BPA Transmission Services knows that sufficient ATC is available to accommodate the service request. Customers needing to serve stranded load for planned outage should contact their AE. For stranded load due to unplanned outages, Customers may contact BPA Transmission Services' Real Time Scheduling staff for assistance.

## K. Reliability Limits & Outages Information

1. BPA Transmission Services' Real-Time schedulers will place 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 TSR 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 TSR, Customers with User and Company Details configured to receive dynamic notification will automatically receive notification of that impact by email or through a specified web address.
  - a. For Customers not configured to receive dynamic notification, Reliability Limits on a TSR can be viewed on OASIS at <http://www.oasis.oati.com>.
5. If necessary, BPA Transmission Services will implement reliability reduction procedures.
  - a. BPA Transmission Services will curtail schedules pro-rata according to NERC Curtailment priority.

## L. Scheduling Bilateral Redispatch for Congestion Management

1. A customer must have a bilateral agreement with BPA Transmission Services to supply Bilateral Redispatch for Congestion Management.
2. Bilateral Redispatch for Congestion Management must be scheduled:
  - a. On an ORIGINAL request;
  - b. On Firm or Non-Firm PTP;
  - c. The transaction type (E-tag) is Normal;
  - d. Customers must reference the AREF, not the Blanket Function;
    - i. Customers must have a corresponding Confirmed Reservation with BPAT.RD.
  - e. For a DEC E-tag:
    - i. The Source is BPAT.RD
    - ii. The Source BA is BPAT
    - iii. The downstream POR from the Source is BPAT.RD
    - iv. BPA Transmission Services will work with customers in determining the Sink points and corresponding POD point
  - f. For an INC E-tag:
    - i. The Sink is BPAT.RD
    - ii. The Sink BA is BPAT
    - iii. The upstream POD from the Sink is BPAT.RD

- iv. BPA Transmission Services will work with customers in determining the Source point and corresponding POR point.
  - g. Schedules utilized for Bilateral Redispatch for Congestion Management are not subject to Losses.
3. Additional information can be found in Section B of the Redispatch and Curtailment Procedures Business Practice.

## M. Reno-Alturas Intertie Scheduling Guidelines

The Reno-Alturas Intertie (RATS), is NV Energy's Hilltop-Bordertown-North Valley Road line. Schedules to or from NV Energy's Balancing Authority Area that use RATS must travel through BPAT, because BPAT is the adjacent Balancing Authority.

### 1. General Requirements

- a. Transmission customers that use the RATS 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 Services' transmission rights between Malin230 and Hilltop345

### 2. Submitting RATS Schedules

- a. Schedules on the RATS using John Day must include:
  - i. Valid transmission segment for JohnDay-Malin500
  - ii. PacifiCorp transmission segment for their Malin transformer
  - iii. BPAT Transmission segment for Malin230-Hilltop345
  - iv. E-Tag examples can be found in Appendix C
- b. BPA Transmission Services does not accept COBH schedules to or from the RATS.

### 3. Payment Determination

- a. BPA Main Network:
  - i. BPA Transmission Services will provide the customer a billing credit for one leg of network transmission when:
    - 1. The same PSE is referenced on BPA Transmission Services' 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.
    - 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 Transmission Services will not provide the customer a billing credit when the customer uses vertical stacking on either BPA Transmission segment.
  - b. BPA Transmission Services 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 of the BPA Transmission segments are Request Type Original, then both BPA Transmission segments must have the same Service-Type.
- b. BPAT AC Intertie Transmission payment
    - i. There is no billing credit for using the NWACI. Service on the NWACI is subject to BPA Transmission Services' applicable rates.
  - c. Schedules to or from NEVP to CISO/BANC
    - i. The e-Tag OASIS field must contain SERVICE-NOR to be exempt from incurring BPA Transmission Service charges and loss return obligations for e-Tags that use BPA Transmission Services' Malin500-Malin500 and Malin500-CaptainJack paths.

## Appendix A. Tagging Suffixes

Tagging Suffixes		
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	PF and/or block Service Agreement with BPA Power Services for Firm and Non-Firm NT and PTP transmission schedules	<xxxxx>-PF

<b>Tagging Suffixes</b>		
<b>Transmission Service/Product Type</b>	<b>Description</b>	<b>Product Suffix Code</b>
NT Hourly Non Firm (HNF) PF/Block  PTP HNF PF/Block		
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 Pacific 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 service agreement with BPA Power Services for Firm NT Transmission schedules with no Demand Check.	<xxxxx> -PFN
Conditional Firm	Conditional Firm PTP or NT Reservation. The e-Tag can only reference the AREF.	<AREF>-CF
Formula Power Transmission (FPT) Losses	Loss returns for FPT Contracts.	L2
NT Losses	Loss returns for NT Contracts.	L3
PTP Losses	Loss returns for PTP on the Network, and Southern Intertie.	LP
Non-Federal Participant Owner Losses	Loss returns for NFP Owners on the Intertie and Ownership Share Demand Overrun.	L7
Northern Intertie (NI) Loss Return	Loss returns for NI Owners. L9	L9
Return of Over-Delivered Losses (LR)	Return of Over-Delivered Losses LR	LR

## Appendix B. E-Tag Validation Rules

Acronyms:

**BAA:** Balancing Authority Area

**TP:** Transmission Provider

**BPAT:** Bonneville Power Administration Transmission

**TC:** Transmission Customer

**PSE:** Purchasing or Selling Entity A load, generator, generation provider, Transmission Customer, or other party.

Validation Rules for Schedule Path		
Criteria	Description	Denial Reason
COA/PTP Contracts	The stacking of PTP contracts/AREFs with an NFP suffix by COA customers is deemed an invalid contract combination.	Invalid combination of PTP contracts/AREFs on top of NFP shares
Energy Profile	This check examines the transmission MW profile of the e-Tag to ensure that it has sufficient capacity to cover the energy schedule MW profile.	Energy profile is bad
Scheduling Window	Upon receipt of an e-Tag, BPA Transmission Services e-Tag system will automatically validate the submittal time of each e-Tag to ensure it falls within the posted scheduling windows.	Tag Timing
Scheduling Entity (SE) Usage	Where BPAT is an SE in a transmission physical segment, verify that BPAT is not referenced in a string containing other SEs.	Path SE Usage
SE Adjacency	Where BPAT is an SE, the upstream/downstream SE, Generation BAA and Load BAA is verified to be adjacent to BPAT. A null adjacent SE is INVALID.	Path SE Adjacency
TP-SE Association	For each physical segment where BPAT is referenced as an SE or a TP, the SE and TP designated on that physical segment will be verified as a valid association, including associated POR/POD path for that TP.	Path TP-SE Association
POR/POD to Adjacent Point	Verifies that the point adjacent to a given POR/POD is valid for the POR/POD.	Path POR/POD to adjacent Point
POR/POD to SE Adjacency	Where BPAT is the SE, the POR/POD on the physical segment will be verified as being valid for the adjacent upstream/downstream SE, Generation BAA/Load BAA.	Path POR/POD to SE Adjacency

<b>Validation Rules for Schedule Path</b>		
<b>Criteria</b>	<b>Description</b>	<b>Denial Reason</b>
POR/POD to Source/Sink	Where BPAT is the Generation BAA/Load BAA, verify that the POR is valid for the Source and/or the POD is valid for the Sink. A null Source or Sink in the e-Tag is considered an error.	Path POR/POD to Source/Sink
Reserve Obligation	Where BPAT is the e-Tag Generation BAA and not the WECC Responsible Entity, verify that the Reserve Obligation Multiplier is correct for the e-Tag source.	INVALID Reserve Obligation
WECC Reserves	Where BPAT is the e-Tag Reserve Responsible Entity, verify that BPAT is also the Generation BAA or Load BAA.	WECC Reserves
In-Hour Net Scheduling Availability (NSA)	Where BPAT is the TP, verify that an in-hour request will not cause net schedules to exceed BPA's share of the path	NSA Check: Segment = x  NSA = x
In-Hour TLR Avoidance	When BPAT's network congestion validation is activated, verify that an in-hour request with non-deminimus or greater than 10MW ATC impacts on the applicable flowgate are not accepted	TLR Check:  FG = x  TDF = x Impact = x
Concurrent Losses	Where BPAT is the SE in a transmission physical segment, verify there is not physical energy loss	Disallow Concurrent Losses
Recallable Export Tag	Verifies that when specifying a C-RE Market Product, (A) BPAT is not the Load BAA, (B) the tag type is Recallable, (C) Terminations and Extensions are not allowed, and (D) the Transmission Product must be 7-F.	Recallable Export Tag
G-NF Usage Check	Verifies that when specifying a G-NF Market Product, (A) BPAT is not the Load BAA, (B) the tag type is Normal, and (C) the tag does not contain a POR or POD equal to NOB.  Delivery pursuant to a G-NF e-Tag may only be interrupted to supply BPAT with balancing reserves.	G-NF Export Failure
Third Party Supply of Balancing Reserves, or Self Supply Balancing Reserves	This check ensures that e-Tags meet the requirements for Third Party Supply or Self Supply.	Invalid Tag Requirements for 3PS or SS

<b>Validation Rules for Schedule Path</b>		
<b>Criteria</b>	<b>Description</b>	<b>Denial Reason</b>
Northwest AC Intertie (NWACI) DTC Validation	This check ensures that the e-Tags are (A) Dynamic schedules (B) scheduled over the NWACI path, and (C) includes all required information about DTC provider and DTC requestor.	Invalid dynamic DTC tag on NWACI
Ramp Validation	Verify that scheduled ramp durations comply with applicable industry standards  BPAT does not accept non-standard ramp rates on e-Tags. If a non-standard ramp rate is specified on an e-Tag, that e-Tag will be denied with the exception of Curtailments. BPA will approve all Curtailments, regardless of the ramp rate specified, as per WR3 of WECC regional criterion INT-004-WECC-CRT-2.1 (or its successor). Although BPA will approve a Curtailment with a non-standard ramp rate, BPA will only include the standard ramp rate for that Curtailment in its ACE equation.	INVALID Ramp Rate

<b>Validation Rules for Product Suffix Code (See Tagging Suffix Table above in B.4)</b>		
<b>Validation Criteria</b>	<b>Description</b>	<b>Denial Reason</b>
Suffix	The Contract Number Suffix, where required, associated with any BPAT transmission service will be verified against the list of valid Product Suffix Codes. The remaining Suffix validations are not performed if this step fails.	Suffix INVALID Code
Agreement Type for Suffix	Determine whether the reference in the OASIS/Contract field is an AREF or BPAT contract & determine whether the Suffix is valid for that reference type (AREF or Contract).	Suffix Agreement Type
NERC Priority for Suffix	Verifies that the NERC Priority on the e-Tag is valid for the Suffix referenced.	Suffix NERC Priority

<b>Validation Rules for Product Suffix Code (See Tagging Suffix Table above in B.4)</b>		
<b>Validation Criteria</b>	<b>Description</b>	<b>Denial Reason</b>
Service Type for Suffix	Verifies that the contract type of the underlying and supporting contract (as directly referenced in the contract number field or from the OASIS reservation if the e-Tag Contract # is an AREF) is valid for the Suffix referenced.	Suffix Service Type
Source for Suffix	Where BPAT is the Generation BAA, verifies that the Source listed in the e-Tag is valid for the Suffix.	Suffix Source
Sink for Suffix	Where BPAT is the Load BAA, verifies that the Sink listed in the e-Tag is valid for the Suffix.	Suffix Sink
POR/POD Owner for Suffix	Verifies that the POR/POD and Owner are valid for the Suffix referenced.	Suffix POR/POD Owner
Loss Suffix Code	Where BPAT is the Load BAA and BPALOSS is listed as the Sink in the e-Tag, verifies that the OASIS/Contract field contains a valid Loss suffix.	Loss Suffix Code Required

<b>Validation Rules for Contracts or AREF Number</b>		
<b>Validation Criteria</b>	<b>Description</b>	<b>Denial Reason</b>
Blanket Customer	Verifies that the TC Owner on the transmission allocation of the e-Tag matches the owner of the transmission specified in the contract or AREF Number.	Blanket Customer
Blanket POR/POD	Verifies that the POR/POD referenced on the e-Tag is valid for the supporting contract or AREF Number.	Blanket POR/POD
Blanket Priority	Verifies that the NERC Priority specified on the e-Tag is valid for the supporting contract or AREF Number.	Blanket Priority
Blanket Capacity/Demand MW	Verifies that the supporting contract or AREF Number has sufficient unused confirmed capacity to for the e-Tag.	Blanket Capacity/Demand MW
Contract #	Verifies that the contract number referenced in the OASIS Contract # field of the e-Tag is a valid BPAT transmission contract.	INVALID Contract/AREF

<b>Validation Rules for Contracts or AREF Number</b>		
<b>Validation Criteria</b>	<b>Description</b>	<b>Denial Reason</b>
Customer for Contract	Verifies that the TC Owner on the transmission allocation of the e-Tag matches the owner of the transmission specified in the contract.	Contract Customer PSE Code
NERC Priority for Contract	Verifies that the NERC Priority specified in the e-Tag is valid for the contract or reservation specified, such as 7-F, 2-NH, 6-NN.	Contract NERC Priority
POR/POD for Contract	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).	Contract POR/POD, Start/Stop.

## Appendix C. Generic e-Tags for use of RATS line

These examples are a subset of potential e-Tag transactions for RATS.

### E-Tags on RATS using JohnDay

CA	PSE	TP	POR	POD	SE	Comment
ANY			<b>Source:</b>	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			<b>Sink:</b>	AnySink		

### E-Tags to or from NEVP and CISO

CA	PSE	TP	POR	POD	SE	OASIS
NEVP			<b>Source:</b>	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			<b>Sink:</b>	AnySink		

### E-Tags to or from NEVP and BANC

CA	PSE	TP	POR	POD	SE	OASIS
NEVP			<b>Source:</b>	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			<b>Sink:</b>	AnySink		

# Flow Diagram

