



## Transmission Services

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### ATC Methodology Margin (AMM) for the Planning Time Period, Version 1415

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#### Table of Contents

1. Purpose .....	2
2. Determining the ATC Methodology Margin .....	2
3. AMM Postings .....	4
4. Related Business Practices.....	6

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## 1. Purpose

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This document describes Transmission Services' determination and use of its ATC Methodology Margin (AMM) in the Planning Time Period (beyond 13 months out).

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## 2. Determining the ATC Methodology Margin

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The AMM is applicable to each Network Flowgate. The AMM is used to determine Final AFC values for the Planning Time Period (beyond 13 months).

As described in the ATC and AFC Methodologies for the Planning Time Period, which is posted on Transmission Services ATC methodology website, BPA computes the Delta between the Contract Accounting Existing Transmission Commitments (ETC) and the Planning ETC for each Network Flowgate for each month.

### 2.1 AMM Methodologies

2.1.1 If the Contract Accounting ETC is greater than the Planning ETC for the month, the AMM for the Network Flowgate is 25% of the Delta for that month, except as noted.

2.1.2 If the Planning ETC is greater than the Contract Accounting ETC, there is no AMM for the Network Flowgate.

2.1.3 Transmission Services may make further adjustments to AMM for Network Flowgates, as described below.

### 2.2 Monroe-Echo Lake Network Flowgate:

2.2.1 For all seasons, the AMM Methodologies described in Step 2.1 apply. No additional adjustments are made.

### 2.3 Raver-Paul Network Flowgate:

2.3.1 For spring and summer seasons<sup>1</sup>, the AMM is adjusted to account for generation displacement (based on the impact of one (1) unit each at Centralia and Chehalis off-line during this time period). For the spring and summer season, the AMM is a minimum of 300 MW.

2.3.2 For seasons other than spring and summer<sup>2</sup>, the AMM Methodologies described in Step 2.1 apply.

### 2.4 Cross-Cascades North Network Flowgate:

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<sup>1</sup> Spring and summer seasons: Months of March - October.

<sup>2</sup> Seasons other than spring and summer: Months of November - February

- 2.4.1 For the spring and summer seasons, the AMM Methodologies described in Step 2.1 apply.
- 2.4.2 The AMM for the seasons other than spring and summer is a minimum of 300 MW.
- 2.5 Cross-Cascades South Network flowgate:
  - 2.5.1 For the spring and summer seasons, the AMM Methodologies described in Section 2.1 apply.
  - 2.5.2 The AMM for the seasons other than spring and summer is a minimum of 150 MW.
- 2.6 North of John Day Network Flowgate:
  - 2.6.1 The AMM for the North of John Day Network Flowgate is a minimum of 200 MW in all months based on the nomogram for that Flowgate and the AC Intertie.
  - 2.6.2 If the Contract Accounting ETC is greater than the Planning ETC, then AMM is equal to 200 MW plus 25 percent of the Delta.
- 2.7 West of McNary Network Flowgate:
  - 2.7.1 If the Contract Accounting ETC is greater than the Planning ETC, then AMM is equal to 10 percent of the Delta.
  - 2.7.2 If Contract Accounting ETC is less than Planning ETC, there is no AMM for the Network Flowgate.
- 2.8 West of Slatt Network Flowgate:
  - 2.8.1 If the Contract Accounting ETC is greater than the Planning ETC, then AMM is equal 10 percent of the Delta.
  - 2.8.2 If Contract Accounting ETC is less than Planning ETC, there is no AMM for the Network Flowgate.
- 2.9 North of Hanford Network Flowgate:
  - 2.9.1 If the Contract Accounting ETC is greater than the Planning ETC, then AMM is equal to 1,223 MW<sup>3</sup> plus 10 percent of the Delta.
  - 2.9.2 If Contract Accounting ETC is less than Planning ETC, there is no AMM for the Network Flowgate.
- 2.10 South of Allston Network Flowgate:
  - 2.10.1 If the Contract Accounting ETC is greater than the Planning ETC, then AMM is equal to 40 MW<sup>3</sup> plus 10 percent of the Delta.

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<sup>3</sup> This additional AMM component is intended for use on an interim basis until such time as the 2011 ATC Methodology modifications are in place.

- 2.10.2 If Contract Accounting ETC is less than Planning ETC, there is no AMM for the Network Flowgate.
- 2.11 Paul - Allston Network Flowgate:
  - 2.11.1 If the Contract Accounting ETC is greater than the Planning ETC, then AMM is equal to  $18 \text{ MW}^3$  plus 10 percent of the Delta.
  - 2.11.2 If Contract Accounting ETC is less than Planning ETC, there is no AMM for the Network Flowgate.
- 2.12 West of John Day Flowgate:
  - 2.12.1 For all seasons, the AMM Methodologies described in Step 2.1 apply. No additional adjustments are made.
- 2.123 Transmission Services reserves the right to modify the AMM methodologies at any time.

### 3. AMM Postings

To view the AMM values:-

- 3.1 — Access OASIS and select BPAT from the Select Provider drop-down menu.
- 3.2 — Click Reservations. The Reservations Summary for: BPAT screen will display.
- 3.3 — Click the AFC/Flowgate Reports checkbox. The menu for the AFC/Flowgate Reports will display.

Step 3.2

Step 3.3

Assign Ref ↑	Sale Ref	Status	Customer	Queued Time	MW Req	MW Grant	Impacted	POR	POD
69789491	12345	REFUSED	APSE	2007-03-07 13:03:15 PS	200		0	BIGEDDY	NOB
69789490	12345	REFUSED	APSE	2007-03-07 13:02:45 PS	200		0	BIGEDDY	NOB
69789489	12345	REFUSED	APSE	2007-03-07 13:02:14 PS	200		0	BIGEDDY	NOB
69789457	12345	REFUSED	APSE	2007-03-07 11:23:21 PS	50		0	BPAT PSEI	CENTRALIA
69789456	12345	REFUSED	APSE	2007-03-07 11:18:11 PS	50		0	BC.US.BORDER	BPAPOWER
69789452	12345	REFUSED	APSE	2007-03-07 11:09:52 PS	50		0	BC.US.BORDER	BPAPOWER
69789451	12345	INVALID	APSE	2007-03-07 11:08:21 PS	50		0	BC.US.BORDER	BPAPOWER
69789449	12345	REFUSED	APSE	2007-03-07 11:05:30 PS	50		0	BC.US.BORDER	BPAPOWER
69789444	12345	CONFIRMED	APSE	2007-03-07 10:52:31 PS	50	50	0	BC.US.BORDER	BPAPOWER
69789441	12345	INVALID	APSE	2007-03-07 10:43:13 PS	50		0	BC.US.BORDER	BPAPOWER
69789440	12345	QUEUED	APSE	2007-03-07 10:39:59 PS	300		0	BC.US.BORDER	BPAPOWER

3.4 — Click AFC Initialization Impacts. The AFC Initialization Summary screen will display.

**Reservation Summary for: ALL**

Cust: APSE | Incr: ALL | Path: | POR: ALL | Src: | Use DST:   
 TP: ALL | Class: ALL | Status: ALL | POD: ALL | Snk: | Enter  
 Seller: ALL | Type: ALL | Time: Active | Today forward: | Req Type: ALL | Ref: |

New TSR | More Filtering | User Range | Columns | Save Query | Refresh **Disabled**

Scenario Analyzer | Request Evaluations  
 Summary Reports | ASTFC Initialization Impacts  
**AFC Initialization Impacts** | ATC Initialization Impacts

AFC/Flowgate Reports  | Hourly Summary | Spreadsheet | TransAssign

Selected time range: 2007-03-07 00:00 PS to 2009-12-31 23:59 PS

Assign Ref ↑	Sale Ref	Status	Customer	Queued Time	MW Req	MW Grant	Impacted	POR	POD
69789491	12345	REFUSED	APSE	2007-03-07 13:03:15 PS	200		0	BIGEDDY	NOB
69789490	12345	REFUSED	APSE	2007-03-07 13:02:45 PS	200		0	BIGEDDY	NOB
69789489	12345	REFUSED	APSE	2007-03-07 13:02:14 PS	200		0	BIGEDDY	NOB
69789457	12345	REFUSED	APSE	2007-03-07 11:23:21 PS	50		0	BPAT.PSEI	CENTRALIA
69789456	12345	REFUSED	APSE	2007-03-07 11:18:11 PS	50		0	BC.US.BORDER	BPAPOWER

3.5 — Select BPAT from the Provider drop-down menu.

3.6 — Select the horizon, flowgate, and date you want to view from the appropriate drop-down menu and click Enter.

3.6.1 — To obtain the name of the Flowgate you want to view, select ALL from the Flowgate drop-down menu. All of Transmission Services' Flowgates will be displayed.

3.6.2 — Copy and paste the name of the Flowgate you want to view into the Flowgate field and click Enter.

**AFC Initialization Summary**

Provider: BPAT | Flowgate: 3 PAUL\_ALSN | Horizon: ALL | Init. Date: Today | Enter

ATC Initialization | ASTFC Initialization | User Range

(Time: 2007-06-07 00:00 to 2007-06-08 00:00 PD)

Init. Date	Horizon	Provider	Flowgate	Summary	Reports
2007-06-07 11:19:51	Daily Pre-Schedule	BPAT	3 PAUL_ALSN	Summary	2007-06-14 2007-07-14 2007-08-14
2007-06-07 12:38:54	Daily Pre-Schedule	BPAT	3 PAUL_ALSN	Summary	2007-06-14 2007-07-14 2007-08-14
2007-06-07 14:14:29	Daily Pre-Schedule	BPAT	3 PAUL_ALSN	Summary	2007-06-14 2007-07-14 2007-08-14
2007-06-07 14:37:54	Daily Pre-Schedule	BPAT	3 PAUL_ALSN	Summary	2007-06-14 2007-07-14 2007-08-14

Step 3.7

3.7 — To view the AMM values for the Flowgate, click Summary. The AFC Initialization Impact Detail screen will display.

### AFC Initialization Impact Detail

Init. Id	Init. Date	Horizon	Provider	Flowgate No.	Flowgate Name	Result	Report Date
1232715	2007-06-07 12:19:51.000	Daily Pre-Schedule	BPAT	3	PAUL_ALSN	Summary	2007-06-15 00:00:00.000

Start	Stop	TP	TRM	FTTRM	TRMCOEF	CBM	CBMCOEF	LETC	Committed				Committed				Committed+		Committed-		Committed-	
									SETC	SETC	SADJ	RETC	LAPC	SAPC	RAFPC	RAFCC	RAFCC	RAFCC	LRES	LRES	SRES	SRES
2007-06-15	2007-06-18	2250.0	230.00	230.00	1.00	-	1.00	1730.00	-	-	98.00	-	368.28	428.68	198.68	198.68	198.68	7608.58	-7686.86	267.60	-86.84	
2007-06-18	2007-06-21	2110.0	230.00	230.00	1.00	-	1.00	1590.00	-	-	98.00	-	368.28	428.68	198.68	198.68	198.68	7608.58	-7686.86	267.60	-86.84	
2007-06-21	2007-06-22	2080.0	230.00	230.00	1.00	-	1.00	1560.00	-	-	98.00	-	368.28	428.68	198.68	198.68	198.68	7608.58	-7686.86	267.60	-86.84	
2007-06-22	2007-06-23	2110.0	230.00	230.00	1.00	-	1.00	1590.00	-	-	98.00	-	368.28	428.68	198.68	198.68	198.68	7608.58	-7686.86	267.60	-86.84	
2007-06-23	2007-07-01	2250.0	230.00	230.00	1.00	-	1.00	1730.00	-	-	98.00	-	368.28	428.68	198.68	198.68	198.68	7608.58	-7686.86	267.60	-86.84	
2007-07-01	2007-08-01	2250.0	165.50	165.50	1.00	-	1.00	1946.13	-	-	98.00	-	205.82	365.11	199.61	199.61	199.61	7641.09	-7708.54	104.21	-65.52	
2007-08-01	2007-09-01	2250.0	165.50	165.50	1.00	-	1.00	1306.73	-	-	98.00	-	847.43	1006.72	841.22	841.22	841.22	7671.03	-7740.69	104.21	-65.52	
2007-09-01	2007-09-15	2250.0	238.27	238.27	1.00	-	1.00	741.68	-	-	98.00	-	1383.61	1615.67	1377.40	1377.40	1377.40	7656.70	-7770.26	104.21	-65.52	

3.8 — The AMM values will be displayed in the TRM field.

## 43. Related Business Practices

- 43.1 Transmission Services Business Practices are available on its website at [http://transmission.bpa.gov/ts\\_business\\_practices/](http://transmission.bpa.gov/ts_business_practices/).
- 43.2 ATC Supporting Information and Related Information/Documents are available on Transmission Services' web page at [http://transmission.bpa.gov/business/atc\\_methodology/](http://transmission.bpa.gov/business/atc_methodology/)