

**PTSA Reform:
Returned Available Flowgate
Capability (AFC) Methodology**

August 21, 2012

Returned AFC Methodology Background

- For purposes of valuing AFC for the PTSA reform project (only):
 - Created a ratio of two numbers:
 - Number 1: Determined the posted minimum AFC value for each flowgate (across the 10 years posted)
 - Number 2: Determined the maximum AFC needed at each flowgate by requests currently in the queue
 - Applied the ratio for each flowgate to the flowgate capacity held by each TSR seeking possible termination to determine MW amount of “returned AFC” for each flowgate.
 - Added up the total “returned AFC” amounts for all of the flowgates for which the TSR held any above-*de minimis* capacity to get a “returned AFC value” for the applicable TSR.

Returned AFC Methodology by Network Flowgate

- Below is a summary of aggregate demand based on a snapshot of the status of the Long Term Firm Pending Queue for transmission requests on BPA's network.

	SOA	CCN	CCS	MEL	NOH	NOJD	PA	RP	WOM	WOS	WOJ _D
Min LT ATC Value	0	59	355	197	286	1087	357	156	1522	834	555
Max Pending Impact	844	1582	965	449	895	1547	497	392	1850	1524	1818
Min/Max	0.00	0.04	0.37	0.44	0.32	0.70	0.72	0.40	0.82	0.55	0.31
% Value	1.00	0.96	0.63	0.56	0.68	0.30	0.28	0.60	0.18	0.45	0.69