



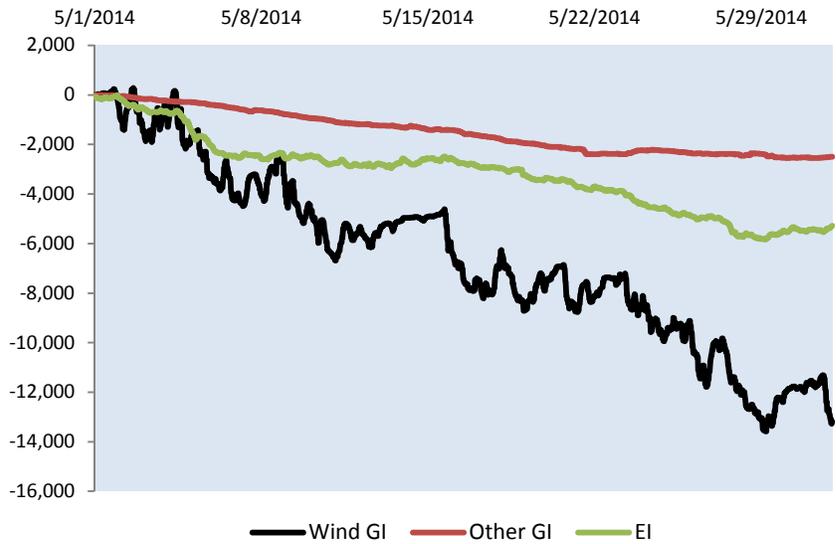
BPA Imbalance Activity Report

May 2014

Generation Imbalance

		MWh	\$ K
Wind	neg	-109,796	-1,408
Wind	pos	96,612	\$1,230
Wind Total		(\$13,184)	(\$179)
Other	neg	-7,339	-138
Other	pos	4,844	\$90
Other Total		-2,494	(\$49)
Grand Total		(\$15,679)	(\$227)

MWh of accumulated imbalance



Energy Imbalance

		MWh	\$ K
Load	neg	-19,929	-330
Load	pos	15,378	\$307
Load Total		(\$4,551)	(\$23)
Grand Total		(\$4,551)	(\$23)

Persistent Deviation

		3-hr	6-hr	12-hr	24-hr	total	hours	MWh*	\$ K
neg	Wind	7				7	40	-1,628	(\$23)
neg	Other	1		1		2	20	-349	(\$12)
neg	Load		1			1	8	-463	(\$2)
neg Total		8	1	1		10	68	-2,440	(\$37)
pos	Wind	14		1		15	42	1,893	\$34
pos	Other								
pos	Load								
pos Total		14		1		15	42	1,893	\$34
Grand Total		22	1	2		25	110	-547	(\$3)

*exempt hours are excluded
actual billing may differ

Deviation 1 (Multiple Items)

Persistent Deviation

Values	2014 Jan	2014 Feb	2014 Mar	2014 Apr	2014 May
Events	14	27	29	45	25
neg MWh	-1,214	-1,593	-2,650	-3,548	-2,440
pos MWh	1,107	2,761	2,177	3,900	1,893
Waiver Requests					
total					
neg MWh					
pos MWh					
granted waivers (full)					
neg MWh					
pos MWh					
granted waivers (partial)					

BPA Imbalance Activity Report

reference guide

Generation Imbalance

Imbalance = Estimated Generation - Actual Generation

neg MWh Estimated Generation < Actual Generation, negative value

pos MWh Estimated Generation > Actual Generation, positive value

Energy Imbalance

Imbalance = Actual Load - Scheduled Load

neg MWh Actual Load < Scheduled Load, negative value

pos MWh Actual Load > Scheduled Load, positive value

Persistent Deviation

Definition

section 1 & 2

All hours or schedule periods in which either a negative or positive deviation exceeds both 15 % of schedule and 20 MW for three consecutive hours or more or both 7.5 % of schedule and 10 MW for six consecutive hours or more or both 1.5 % of schedule and 5 MW for twelve consecutive hours or more or both 1.5 % of schedule and 2 MW for twenty-four consecutive hours or more in the same directions.

section 3 A pattern of either positive or negative deviation that occurs generally or at specific times of day.

Penalty

Negative No credit is given for negative deviation.

Positive For positive deviation, the charge is the greater of 125% of BPA's highest incremental cost that occurs during that day or 100 mills per kilowatt-hour.

**charge estimate excludes test projects* New projects in test mode (up to 90 days) are exempt from the Persistent Deviation Penalty charge. However, Persistent Deviation events are still

***charge estimate does not include GI* The Persistent Deviation section of this report shows the penalty component of the charge, i.e. \$100/MWh less GI rate

EI and GI

neg the sum of the negative imbalance from all customer, by category

pos the sum of the positive imbalance from all customer, by category