

2010 BPA Rate Case
Pre-Decisional BPA Response to Customer Request at the 22 October 2008 Workshop on Generation Inputs

Comparison of BPA's Preliminary Thinking for 2010 Rate Case, WP-07 Supplemental Rate Case & 2007 Power Rate Case									
Generation Input	Preliminary Thinking for FY2010 and FY2011 Presented at 23 September 2008 and 22 October 2008 Workshops			WP-07 Supplemental Rate Case for FY2009			WP-07 Rate Case for FY2007-FY2009		
	Amount	Per Unit Cost	Annual Revenue Forecast	Amount	Per Unit Cost	Annual Revenue Forecast	Amount	Per Unit Cost	Annual Revenue Forecast
1 Regulating Reserves(MWs)			\$ 12,916,475	150	\$ 7.31 kW-Mo	\$ 13,158,000	150	\$ 7.31 kW-Mo	\$ 13,161,033
2 Wind Integration - Within-Hour Balancing (MWs)			\$ 136,165,445	203		\$ 19,124,320			
3 Operating Reserves - Spinning and Supplemental (MWs)	513	\$ 6.30 kW-Mo	\$ 38,782,800	467	\$ 5.63 kW-Mo	\$ 31,550,520	380	\$ 5.63 kW-Mo	\$ 25,672,800
4 Generation Dropping	1.5	\$ 553,393	\$ 830,090	1.5	\$ 264,047	\$ 396,071	1.5	\$ 264,047	\$ 396,071
5 Redispatch			\$ 400,000			\$ 1,500,000			\$ 1,500,000
6 Segmentation of COE/BOR Network and Delivery Facilities			\$ 7,500,000			\$ 7,397,000			\$ 7,397,000
7 Station Service (MWhs)	79,390	\$ 55/MWh	\$ 4,366,458	76,421	\$ 27.33/MWh	\$ 2,088,577	76,421	\$ 27.33/MWh	\$ 2,088,586
8 Synchronous Condensing (MWhs)	48,909		\$ 2,984,495			\$ 4,091,096			\$ 12,500,000
9 Generation Inputs Total (\$)			\$ 199,945,763			\$ 79,305,583			\$ 62,715,489

Detail to Generation Inputs Charts Above	Amount	Per Unit Cost	Annual Revenue Forecast	Notes
10 Regulating Reserves (MWs)	106 inc		\$ 7,835,520	<i>Includes Embedded</i>
11 Regulating Reserves (MWs)	106 inc 121 dec		\$ 5,080,955	<i>Includes Stand Ready - Energy Shift, Efficiency Loss, Cycling, Spill and Deployment Costs</i>
12 Wind Integration - Within-Hour Balancing (MWs)	1045 inc		\$ 77,246,400	<i>Includes Embedded</i>
13 Wind Integration - Within-Hour Balancing (MWs)	1045 inc 1489 dec		\$ 58,919,045	<i>Includes Stand Ready - Energy Shift, Efficiency Loss, Cycling, Spill and Deployment Costs</i>
14 Operating Reserves - Spinning (MWs)	256.5 inc	\$ 6.62 kW-Mo	\$ 20,376,360	<i>Includes Stand Ready - Energy Shift, Efficiency Loss</i>
15 Operating Reserves - Supplemental (MWs)	256.5 inc	\$ 5.98 kW-Mo	\$ 18,406,440	<i>Includes Embedded</i>

Generation Inputs Impacted by the Risk-Adjusted AURORA Market Price Forecast		
Generation Input	AURORA Impact	Cost Component
16 Regulating Reserves	Y	Stand Ready - Energy Shift, Efficiency Loss, Spill; Deployment
17 Wind Integration - Within-Hour Balancing	Y	Stand Ready - Energy Shift, Efficiency Loss, Spill; Deployment
18 Operating Reserves - Spinning	Y	Stand Ready - Energy Shift, Efficiency Loss, Spill
19 Operating Reserves - Supplemental	N	
20 Generation Dropping	Y	Energy Loss In the Event of Equipment Replacement
21 Redispatch	N	
22 Segmentation of COE/BOR Network and Delivery Facilities	N	
23 Station Service	Y	Energy Consumed
24 Synchronous Condensing	Y	Energy Consumed

Legend for AURORA Impact:

- Y = Yes, risk-adjusted AURORA energy price will impact cost component(s) identified
- N = No, risk-adjusted AURORA energy price will not impact cost component(s) identified