

Export Revenue Input  
 Wuskwatim Advancement Economics

Wuskwatim in Service: 2020					Wuskwatim in Service: 2009						
Export Revenue Millions of Constant 2002 Year Dollars					Export Revenue Millions of Constant 2002 Year Dollars						
Fiscal Year	Export Price \$/MWh	Export Volume TWh derived	Revenue to model \$	Based on Data Provided	Export Price \$/MWh	Export Volume TWh derived	Revenue to model \$	Based on Data Provided			
2002/03											
2003/04											
2004/05											
2005/06	50.50	9.40	474.50	474.50	50.50	9.40	474.50	474.50	Higher price advance	Higher vol advance	Escalation
2006/07	52.12	9.11	474.94	462.04	52.12	9.11	474.94	462.04	0.00	0.00	3.20%
2007/08	53.78	8.95	481.36	447.50	53.78	8.95	481.36	447.50	0.00	0.00	
2008/09	55.50	8.83	490.06	444.11	55.50	8.83	490.05	444.10	0.00	0.00	IRR Result
2009/10	57.28	8.72	499.51	442.12	57.28	9.53	545.94	486.08	0.00	0.81	10.3%
2010/11	59.11	8.89	525.52	453.39	59.11	9.98	590.09	510.09	0.00	1.09	
2011/12	61.01	8.66	526.45	444.38	61.01	9.90	604.10	508.98	0.00	1.24	
2012/13	62.96	8.45	531.74	434.12	62.96	9.61	605.33	494.20	0.00	1.17	
2013/14	64.97	8.21	533.34	421.11	64.97	9.40	610.60	483.05	0.00	1.19	
2014/15	67.05	8.02	537.69	411.38	67.05	9.23	618.95	474.47	0.00	1.21	
2015/16	69.20	7.71	533.64	402.56	69.20	8.93	618.16	466.32	0.00	1.22	
2016/17	71.41	7.38	527.34	382.52	71.41	8.63	616.32	447.06	0.00	1.25	
2017/18	73.70	7.19	529.54	380.11	73.70	8.41	619.78	444.04	0.00	1.22	
2018/19	76.05	6.81	518.06	356.93	76.05	8.08	614.87	422.82	0.00	1.27	
2019/20	78.49	6.01	472.06	314.55	78.49	7.34	575.72	382.89	0.00	1.32	
2020/21	81.00	6.64	537.82	341.28	81.00	7.03	569.04	360.39	0.00	0.39	
2021/22	83.59	6.80	568.05	347.25	83.59	6.81	569.33	348.71	0.00	0.02	
2022/23	51.20	6.68	342.05	342.05	51.20	6.68	342.05	342.05	0.00	0.00	
2023/24	52.00	7.64	397.43	397.43	52.00	7.64	397.43	397.43	0.00	0.00	
2024/25	50.80	9.26	470.22	470.22	50.80	9.26	470.22	470.22	0.00	0.00	
2025/26	50.70	9.54	483.93	483.93	50.70	9.54	483.93	483.93	0.00	0.00	
2026/27	50.60	9.23	467.15	467.15	50.60	9.23	467.15	467.15	0.00	0.00	
2027/28	50.50	9.02	455.41	455.41	50.50	9.02	455.41	455.41	0.00	0.00	
2028/29	50.60	8.82	446.21	446.21	50.60	8.82	446.21	446.21	0.00	0.00	
2029/30	50.60	8.60	434.91	434.91	50.60	8.60	434.91	434.91	0.00	0.00	
2030/31	50.60	8.37	423.70	423.70	50.60	8.37	423.70	423.70	0.00	0.00	
2031/32	50.60	8.17	413.18	413.18	50.60	8.17	413.18	413.18	0.00	0.00	
2032/33	50.50	7.97	402.31	402.31	50.50	7.97	402.31	402.31	0.00	0.00	
2033/34	50.50	7.75	391.23	391.23	50.50	7.75	391.23	391.23	0.00	0.00	
2034/35	51.60	7.65	394.93	394.93	51.60	7.65	394.93	394.93	0.00	0.00	
2035/36	51.60	7.44	383.66	383.66	51.60	7.44	383.66	383.66	0.00	0.00	
2036/37	51.50	7.23	372.09	372.09	51.50	7.23	372.09	372.09	0.00	0.00	
2037/38	51.50	7.00	360.71	360.71	51.50	7.00	360.71	360.71	0.00	0.00	
Total		266.14	15,402.76	13,598.97		279.54	16,318.19	14,296.36			

TABLE A.13 - Subset B  
Wuskwatim ADVANCEMENT Economics  
Low Export Price

	Millions of Constant 2002 Year Dollars			Discount Rate		Net Cost Cumulative
	Costs	Benefits	Net Cost	10.3%		
				Net Cost Discounted		
Q=A+B+C	R=G-(D+E+F)	Q-R				
2002/03	0	0.00	0.00	0.00		
2003/04	17.86	-0.09	17.95	16.28	1.10	16.28
2004/05	77.27	-0.48	77.75	63.96	1.22	80.24
2005/06	122.57	-1.09	123.66	92.26	1.34	172.50
2006/07	145.08	-1.81	146.89	99.40	1.48	271.89
2007/08	154.15	-2.59	156.74	96.19	1.63	368.09
2008/09	108.86	-3.13	111.99	62.34	1.80	430.43
2009/10	11.96	36.32	-24.36	-12.30	1.98	418.13
2010/11	-20.45	62.20	-82.65	-37.85	2.18	380.28
2011/12	-14.37	73.44	-87.81	-36.47	2.41	343.82
2012/13	-19.64	72.62	-92.26	-34.75	2.65	309.07
2013/14	-18.85	75.42	-94.27	-32.20	2.93	276.86
2014/15	-29.95	78.86	-108.81	-33.71	3.23	243.15
2015/16	-76.03	82.74	-158.77	-44.62	3.56	198.53
2016/17	-121.2	87.68	-208.88	-53.24	3.92	145.29
2017/18	-137.61	88.80	-226.41	-52.34	4.33	92.96
2018/19	-146.69	95.12	-241.81	-50.70	4.77	42.26
2019/20	-108.85	100.97	-209.82	-39.90	5.26	2.36
2020/21	-23.66	36.83	-60.49	-10.43	5.80	-8.07
2021/22	0	1.66	-1.66	-0.26	6.39	-8.33
2022/23	0	0.30	-0.30	-0.04	7.05	-8.37
2023/24	0	0.40	-0.40	-0.05	7.77	-8.43
2024/25	0	0.40	-0.40	-0.05	8.57	-8.47
2025/26	0	0.40	-0.40	-0.04	9.45	-8.52
2026/27	0	0.40	-0.40	-0.04	10.42	-8.55
2027/28	0	0.40	-0.40	-0.03	11.49	-8.59
2028/29	0	0.40	-0.40	-0.03	12.66	-8.62
2029/30	0	0.40	-0.40	-0.03	13.96	-8.65
2030/31	0	0.40	-0.40	-0.03	15.39	-8.67
2031/32	0	0.40	-0.40	-0.02	16.97	-8.70
2032/33	0	0.40	-0.40	-0.02	18.71	-8.72
2033/34	0	0.40	-0.40	-0.02	20.63	-8.74
2034/35	0	0.40	-0.40	-0.02	22.75	-8.76
2035/36	0	0.40	-0.40	-0.02	25.08	-8.77
2036/37	0	0.40	-0.40	-0.01	27.66	-8.79
2037/38	0	0.40	-0.40	8.79	30.49	0.00
<b>Residual Value as a Cost</b>						
2038/39	0.00					
						0.00

Costs = Capital Costs (Generating Station, Transmission Line, and Transmission Station)  
Benefits = Total Export Revenue Net of Fixed & Variable and Capital Tax