

Updated Incremental Revenue Requirement Impact Dakota Range, \$M

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
New Ownership Wind, 300MW	0.0	(0.8)	(0.1)	1.0	2.0	20.6	20.3	19.7	20.1	19.9	21.2	22.4	22.5	9.2	(1.9)	38.5	37.9	37.0	37.0
Capacity Cost Savings	0.0	0.0	0.0	0.0	0.0	(0.0)	(0.0)	(0.0)	0.0	0.0	(15.4)	(3.1)	(16.0)	(3.3)	0.0	(72.5)	(88.4)	(90.2)	20.9
Production Cost Savings	0.0	0.0	0.0	0.0	(0.8)	(12.8)	(13.2)	(8.8)	(14.1)	(6.4)	(1.1)	0.9	(0.8)	(3.5)	(4.6)	(69.8)	(83.0)	(98.3)	(43.0)
MISO Purchases	0.0	0.0	0.0	0.0	(0.6)	(2.2)	(2.5)	(6.8)	(3.4)	(6.7)	(11.0)	(14.9)	(16.9)	(20.6)	(26.4)	40.0	55.8	64.0	(0.2)
MISO Sales	0.0	0.0	0.0	0.0	(0.5)	(5.9)	(8.5)	(11.1)	(10.4)	(17.4)	(16.7)	(19.0)	(14.4)	(11.6)	(7.9)	13.9	13.1	17.3	(2.4)
Wind Congestion Costs*	0.0	0.0	0.0	0.0	0.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2	4.3	4.4	4.4
Wind Integration Costs	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Wind Coal Cycling Costs	0.0	0.0	0.0	0.0	0.1	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2
Net Costs	0.0	(0.8)	(0.1)	1.0	0.5	5.4	2.0	(1.0)	(1.7)	(4.3)	(16.6)	(7.4)	(19.0)	(23.0)	(34.0)	(42.8)	(57.4)	(62.9)	19.9

* Congestion Costs reflected as cost adder to wind generation rather than lower generator LMP.

	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
New Ownership Wind, 300MW	36.4	35.5	35.0	35.0	34.2	33.6	32.9	32.3	31.8	31.2	28.4	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Capacity Cost Savings	25.7	3.8	(0.0)	0.0	(19.9)	(24.3)	(4.1)	0.0	(134.9)	(27.2)	(0.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Production Cost Savings	(20.5)	(21.5)	(24.8)	(24.3)	(21.1)	(31.6)	(26.8)	(26.6)	(119.1)	(66.1)	(27.6)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MISO Purchases	(18.3)	(16.8)	(16.3)	(17.1)	(23.2)	(18.5)	(23.2)	(24.0)	60.7	12.9	(29.5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MISO Sales	(13.5)	(14.1)	(13.4)	(14.3)	(11.8)	(6.3)	(8.9)	(9.6)	24.4	(3.5)	(3.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind Congestion Costs*	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind Integration Costs	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind Coal Cycling Costs	2.3	2.3	2.4	2.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net Costs	17.4	(5.4)	(11.6)	(12.6)	(33.7)	(41.2)	(24.3)	(21.9)	(131.0)	(46.3)	(26.1)	0.7	0.7	0.7	0.6	0.6	0.6	0.6

* Congestion Costs reflected as cost adder to wind generation rather than lower generator LMP.