

NEW ENGLAND CLEAN POWER LINK

Exhibit TDI-TS-3a - Summary Breakdown of Taxes and Other Required State Payments -- UPDATED August 8, 2015

(All figures in nominal \$USD millions, unless otherwise stated)

Total	Operating Year	Construction Period			1	2	3	4	5	6	7	8	9	10
	Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
\$274.2	VT Property Taxes ⁽¹⁾	\$0.0	\$3.3	\$7.6	\$9.0	\$8.8	\$8.7	\$8.5	\$8.4	\$8.2	\$8.1	\$8.0	\$7.8	\$7.7
\$414.4	VT Corp. Income Taxes ⁽²⁾	\$0.0	\$0.0	\$0.0	\$0.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
\$31.4	VT Sales Taxes on Project Equipment	\$4.9	\$12.1	\$14.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
\$211.8	VTrans ROW Lease Payments ⁽³⁾	\$4.1	\$4.0	\$4.0	\$4.0	\$4.0	\$4.0	\$4.0	\$4.0	\$4.0	\$4.0	\$4.1	\$4.1	\$4.2
\$931.8	Total	\$9.0	\$19.4	\$26.0	\$13.7	\$12.8	\$12.7	\$12.5	\$12.4	\$12.2	\$12.1	\$12.0	\$12.0	\$11.9

Operating Year	11	12	13	14	15	16	17	18	19	20
Year	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
VT Property Taxes ⁽¹⁾	\$7.6	\$7.5	\$7.4	\$7.2	\$7.1	\$7.0	\$6.9	\$6.8	\$6.7	\$6.5
VT Corp. Income Taxes ⁽²⁾	\$0.5	\$2.6	\$3.0	\$3.4	\$3.8	\$7.6	\$11.3	\$11.8	\$12.2	\$12.6
VT Sales Taxes on Project Equipment	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
VTrans ROW Lease Payments	\$4.2	\$4.3	\$4.4	\$4.4	\$4.5	\$4.6	\$4.6	\$4.7	\$4.8	\$4.9
Total	\$12.3	\$14.4	\$14.7	\$15.1	\$15.5	\$19.2	\$22.9	\$23.3	\$23.6	\$24.0

Operating Year	21	22	23	24	25	26	27	28	29	30
Year	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048
VT Property Taxes ⁽¹⁾	\$6.4	\$6.3	\$6.2	\$6.1	\$6.0	\$5.8	\$5.7	\$5.6	\$5.5	\$5.4
VT Corp. Income Taxes ⁽²⁾	\$13.5	\$13.9	\$14.3	\$14.8	\$15.2	\$15.7	\$16.1	\$16.6	\$17.0	\$17.5
VT Sales Taxes on Project Equipment	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
VTrans ROW Lease Payments	\$4.9	\$5.0	\$5.1	\$5.2	\$5.2	\$5.3	\$5.4	\$5.5	\$5.6	\$5.6
Total	\$24.8	\$25.2	\$25.6	\$26.0	\$26.4	\$26.8	\$27.3	\$27.7	\$28.1	\$28.5

Operating Year	31	32	33	34	35	36	37	38	39	40
Year	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058
VT Property Taxes ⁽¹⁾	\$5.3	\$5.2	\$5.0	\$4.9	\$4.8	\$4.9	\$4.9	\$5.0	\$5.1	\$5.2
VT Corp. Income Taxes ⁽²⁾	\$17.8	\$18.1	\$18.4	\$18.6	\$18.9	\$19.2	\$19.4	\$19.7	\$20.0	\$20.2
VT Sales Taxes on Project Equipment	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
VTrans ROW Lease Payments	\$5.7	\$5.8	\$5.9	\$6.0	\$6.1	\$6.2	\$6.3	\$6.3	\$6.4	\$6.5
Total	\$28.8	\$29.1	\$29.3	\$29.5	\$29.8	\$30.2	\$30.6	\$31.0	\$31.5	\$31.9

Notes:

Year 2018 includes Q1 of 2019. Operating years begin in Q1 of listed year through Q1 of the subsequent year (e.g. 2019 represents the period from April 1, 2019 through March 31, 2020).

(1) Assumes no taxability in the water.

(2) Due to net operating loss (NOL) carryforwards, cash taxes will be minimal during the initial years of commercial operations.

NEW ENGLAND CLEAN POWER LINK

Exhibit TDI-TS-3b - Summary Breakdown of Taxes and Other Required State Payments -- UPDATED August 8, 2015

(All figures in nominal \$USD millions, unless otherwise stated)

Assumptions

Depreciation Floor	30.0%
Replacement Cost New Escalator	1.5%
Equalization Rate	100.0%

Total	Operating Year			Construction Period										
	Year	2016	2017	2018	1	2	3	4	5	6	7	8	9	10
	Construction Capital Cost Schedule	22.0%	51.6%	26.4%										
	Construction Capital Cost (Taxable Portion) ⁽¹⁾	\$113.0	\$264.9	\$135.5										
	Replacement Cost New				\$513.4	\$521.1	\$529.0	\$536.9	\$544.9	\$553.1	\$561.4	\$569.8	\$578.4	\$587.1
	Iowa Curve 40 Year Avg. Life Factor ⁽²⁾				95.652	92.154	89.001	86.072	83.311	80.684	78.171	75.755	73.425	71.172
	Iowa Curve Cumulative Depreciation %				4.3%	7.8%	11.0%	13.9%	16.7%	19.3%	21.8%	24.2%	26.6%	28.8%
	Iowa Curve Cumulative Depreciation \$				\$22.3	\$40.9	\$58.2	\$74.8	\$90.9	\$106.8	\$122.6	\$138.2	\$153.7	\$169.2
	Replacement Cost New Less Depreciation				\$491.1	\$480.3	\$470.8	\$462.1	\$454.0	\$446.3	\$438.9	\$431.7	\$424.7	\$417.8
	Assessed Value	\$179.2	\$411.8	\$491.1	\$491.1	\$480.3	\$470.8	\$462.1	\$454.0	\$446.3	\$438.9	\$431.7	\$424.7	\$417.8
	Avg. Tax Rate	1.87%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.85%	1.85%	1.85%	1.85%
\$274.2	Total Est. Property Taxes	\$3.3	\$7.6	\$9.0	\$8.8	\$8.7	\$8.5	\$8.4	\$8.2	\$8.1	\$8.0	\$7.8	\$7.7	

Operating Year				11	12	13	14	15	16	17	18	19	20
Year				2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
	Replacement Cost New			\$595.9	\$604.8	\$613.9	\$623.1	\$632.4	\$641.9	\$651.5	\$661.3	\$671.2	\$681.3
	Iowa Curve 40 Year Avg. Life Factor ⁽²⁾			68.987	66.864	64.799	62.787	60.826	58.912	57.044	55.220	53.439	51.700
	Iowa Curve Cumulative Depreciation %			31.0%	33.1%	35.2%	37.2%	39.2%	41.1%	43.0%	44.8%	46.6%	48.3%
	Iowa Curve Cumulative Depreciation \$			\$184.8	\$200.4	\$216.1	\$231.9	\$247.7	\$263.8	\$279.9	\$296.1	\$312.5	\$329.1
	Replacement Cost New Less Depreciation			\$411.1	\$404.4	\$397.8	\$391.2	\$384.7	\$378.2	\$371.7	\$365.2	\$358.7	\$352.2
	Assessed Value			\$411.1	\$404.4	\$397.8	\$391.2	\$384.7	\$378.2	\$371.7	\$365.2	\$358.7	\$352.2
	Avg. Tax Rate			1.85%	1.85%	1.85%	1.85%	1.85%	1.86%	1.86%	1.86%	1.86%	1.86%
	Total Est. Property Taxes			\$7.6	\$7.5	\$7.4	\$7.2	\$7.1	\$7.0	\$6.9	\$6.8	\$6.7	\$6.5

Operating Year	21	22	23	24	25	26	27	28	29	30
Year	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048
Replacement Cost New	\$691.5	\$701.9	\$712.4	\$723.1	\$734.0	\$745.0	\$756.1	\$767.5	\$779.0	\$790.7
Iowa Curve 40 Year Avg. Life Factor ⁽²⁾	50.002	48.345	46.727	45.148	43.607	42.105	40.640	39.211	37.810	36.463
Iowa Curve Cumulative Depreciation %	50.0%	51.7%	53.3%	54.9%	56.4%	57.9%	59.4%	60.8%	62.2%	63.5%
Iowa Curve Cumulative Depreciation \$	\$345.8	\$362.6	\$379.5	\$396.6	\$413.9	\$431.3	\$448.8	\$466.5	\$484.5	\$502.4
Replacement Cost New Less Depreciation	\$345.8	\$339.3	\$332.9	\$326.5	\$320.1	\$313.7	\$307.3	\$300.9	\$294.5	\$288.3
Assessed Value	\$345.8	\$339.3	\$332.9	\$326.5	\$320.1	\$313.7	\$307.3	\$300.9	\$294.5	\$288.3
Avg. Tax Rate	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.87%	1.87%	1.87%	1.87%
Total Est. Property Taxes	\$6.4	\$6.3	\$6.2	\$6.1	\$6.0	\$5.8	\$5.7	\$5.6	\$5.5	\$5.4

Operating Year	31	32	33	34	35	36	37	38	39	40
Year	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058
Replacement Cost New	\$802.5	\$814.6	\$826.8	\$839.2	\$851.8	\$864.6	\$877.5	\$890.7	\$904.1	\$917.6
Iowa Curve 40 Year Avg. Life Factor ⁽²⁾	35.142	33.856	32.604	31.386	30.200	29.047	27.926	26.835	25.775	24.745
Iowa Curve Cumulative Depreciation %	64.9%	66.1%	67.4%	68.6%	69.8%	70.0%	70.0%	70.0%	70.0%	70.0%
Iowa Curve Cumulative Depreciation \$	\$520.5	\$538.8	\$557.2	\$575.8	\$594.6	\$605.2	\$614.3	\$623.5	\$632.8	\$642.3
Replacement Cost New Less Depreciation	\$282.0	\$275.8	\$269.6	\$263.4	\$257.2	\$259.4	\$263.3	\$267.2	\$271.2	\$275.3
Assessed Value	\$282.0	\$275.8	\$269.6	\$263.4	\$257.2	\$259.4	\$263.3	\$267.2	\$271.2	\$275.3
Avg. Tax Rate	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%
Total Est. Property Taxes	\$5.3	\$5.2	\$5.0	\$4.9	\$4.8	\$4.9	\$4.9	\$5.0	\$5.1	\$5.2

(1) Capital costs for underground cable, converter station, and HVAC connection only. Excludes underwater capital costs because assumed not taxable in the water.

(2) Iowa Curve depreciation table received from Velco on July 7, 2014.