

Spencer-East Brookfield Regional School District
Proposed Performance Contract Projects and Financing
4/24/2019

Project Costs-Less Potential Rebates					
		Total	District	E. Brookfield	Spencer
1	Lighting	1,395,472	640,987	314,138	440,347
2	Plug Loads	22,615	15,145	2,075	5,395
3	Building Envelope	115,905	90,129	11,092	14,684
4	Energy Management Systems	580,924	294,620	192,174	94,130
5	Kitchen Hood Controls	125,132	72,543	28,703	23,886
6	Walk-in Cooler Controls	84,670	42,956	23,497	18,217
7	Boilers	1,768,228	1,097,891	287,588	382,749
Sub-Total Project Costs		4,092,946	2,254,271	859,267	979,408
Guaranteed Savings (Over 10 Years)					
1	Lighting	1,293,893	669,644	246,569	377,680
2	Plug Loads	24,351	19,135	1,687	3,529
3	Building Envelope	106,076	82,104	8,298	15,674
4	Energy Management Systems	159,836	51,904	88,924	19,007
5	Kitchen Hood Controls	64,520	32,781	13,136	18,603
6	Walk-in Cooler Controls	73,543	33,423	20,732	19,387
7	Boilers	462,335	450,695	4,961	6,679
Total Guaranteed Savings		2,184,554	1,339,688	384,307	460,559

SEBRSD
Financing Plan for Siemens Performance Contract
6/13/2019

Rate:	3.29363785%																	
Date	Starting	Takedowns	Debt Service	Interest	Principal	Ending	Credits Against Debt Service			Debt Service Financing								
	Balance					Balance	Debt Service	Energy Saving	Net Debt Serv	E&D(Dist)	Rebates	East Brookfield	Spencer	Total				
May-19	-	4,092,946.00	-	-	-	4,092,946.00												
May-20	4,092,946.00	-	123,486.17	134,918.99	(11,432.82)	4,104,378.82	123,486.17	0	123,486.17	123,486.17	0	0	0	0	123,486.17			
Aug-20	4,104,378.82		123,486.17	33,823.97	89,662.20	4,014,716.62												
Nov-20	4,014,716.62		123,486.17	33,085.06	90,401.11	3,924,315.51												
Feb-21	3,924,315.51		123,486.17	32,340.07	91,146.10	3,833,169.41												
May-21	3,833,169.41		123,486.17	31,588.94	91,897.23	3,741,272.19												
FY 2021			493,944.68	130,838.05	363,106.63		493,944.68	(218,455.40)	275,489.28		275,489.28				275,489.28			
Aug-21	3,741,272.19		123,486.17	30,831.62	92,654.55	3,648,617.64												
Nov-21	3,648,617.64		123,486.17	30,068.06	93,418.11	3,555,199.53												
Feb-22	3,555,199.53		123,486.17	29,298.21	94,187.96	3,461,011.57												
May-22	3,461,011.57		123,486.17	28,522.01	94,964.16	3,366,047.41												
FY 2022			493,944.68	118,719.90	375,224.78	3,366,047.41	493,944.68	(218,455.40)	275,489.28	101,036.88	71,489.00	50,368.30	52,595.10	275,489.28				
Aug-22	3,366,047.41		123,486.17	27,739.42	95,746.75	3,270,300.66												
Nov-22	3,270,300.66		123,486.17	26,950.37	96,535.80	3,173,764.86												
Feb-23	3,173,764.86		123,486.17	26,154.83	97,331.34	3,076,433.51												
May-23	3,076,433.51		123,486.17	25,352.72	98,133.45	2,978,300.07												
FY 2023			493,944.68	106,197.34	387,747.34	2,978,300.07	493,944.68	(218,455.40)	275,489.28	138,080.88	-	65,267.30	72,141.10	275,489.28				
Aug-23	2,978,300.07		123,486.17	24,544.01	98,942.16	2,879,357.91												
Nov-23	2,879,357.91		123,486.17	23,728.63	99,757.54	2,779,600.37												
Feb-24	2,779,600.37		123,486.17	22,906.54	100,579.63	2,679,020.74												
May-24	2,679,020.74		123,486.17	22,077.67	101,408.50	2,577,612.24												
FY 2024			493,944.68	93,256.85	400,687.83	2,577,612.24	493,944.68	(218,455.40)	275,489.28	138,080.88	-	65,267.30	72,141.10	275,489.28				
Aug-24	2,577,612.24		123,486.17	21,241.96	102,244.21	2,475,368.03												
Nov-24	2,475,368.03		123,486.17	20,399.38	103,086.79	2,372,281.23												
Feb-25	2,372,281.23		123,486.17	19,549.84	103,936.33	2,268,344.91												
May-25	2,268,344.91		123,486.17	18,693.31	104,792.86	2,163,552.05												
FY 2025			493,944.68	79,884.49	414,060.19	2,163,552.05	493,944.68	(218,455.40)	275,489.28	138,080.88	-	65,267.30	72,141.10	275,489.28				
Aug-25	2,163,552.05		123,486.17	17,829.72	105,656.45	2,057,895.59												
Nov-25	2,057,895.59		123,486.17	16,959.01	106,527.16	1,951,368.43												
Feb-26	1,951,368.43		123,486.17	16,081.12	107,405.05	1,843,963.38												
May-26	1,843,963.38		123,486.17	15,196.00	108,290.17	1,735,673.21												
FY 2026			493,944.68	66,065.85	427,878.83	1,735,673.21	493,944.68	(218,455.40)	275,489.28	138,080.88	-	65,267.30	72,141.10	275,489.28				
Aug-26	1,735,673.21		123,486.17	14,303.59	109,182.58	1,626,490.63												
Nov-26	1,626,490.63		123,486.17	13,403.82	110,082.35	1,516,408.29												
Feb-27	1,516,408.29		123,486.17	12,496.64	110,989.53	1,405,418.76												
May-27	1,405,418.76		123,486.17	11,581.98	111,904.19	1,293,514.57												
FY 2027			493,944.68	51,786.03	442,158.65	1,293,514.57	493,944.68	(218,455.40)	275,489.28	138,080.88	-	65,267.30	72,141.10	275,489.28				
Aug-27	1,293,514.57		123,486.17	10,659.78	112,826.39	1,180,688.18												
Nov-27	1,180,688.18		123,486.17	9,729.99	113,756.18	1,066,932.00												
Feb-28	1,066,932.00		123,486.17	8,792.53	114,693.64	952,238.36												
May-28	952,238.36		123,486.17	7,847.35	115,638.82	836,599.53												
FY 2028			493,944.68	37,029.65	456,915.03	836,599.53	493,944.68	(218,455.40)	275,489.28	138,080.88	-	65,267.30	72,141.10	275,489.28				
Aug-28	836,599.53		123,486.17	6,894.37	116,591.80	720,007.73												
Nov-28	720,007.73		123,486.17	5,933.55	117,552.62	602,455.11												
Feb-29	602,455.11		123,486.17	4,964.80	118,521.37	483,933.74												
May-29	483,933.74		123,486.17	3,988.07	119,498.10	364,435.64												
FY 2029			493,944.68	21,780.79	472,163.89	364,435.64	493,944.68	(218,455.40)	275,489.28	138,080.88	-	65,267.30	72,141.10	275,489.28				
Aug-29	364,435.64		123,486.17	3,003.29	120,482.88	243,952.77												
Nov-29	243,952.77		123,486.17	2,010.40	121,475.77	122,477.00												
Feb-30	122,477.00		123,486.17	1,009.33	122,476.99	0.00												
FY 2030			370,458.51	6,023.02	364,435.64		370,458.51	(218,455.40)	152,003.11	76,187.08	-	36,011.68	39,804.35	152,003.11				
Totals			4,939,446.80	846,500.95	4,092,946.00	-	4,939,446.80	(2,184,554.00)	2,754,892.80	1,267,276.29	346,978.28	543,251.08	597,387.15	2,754,892.80				