PLUG Conference 2016

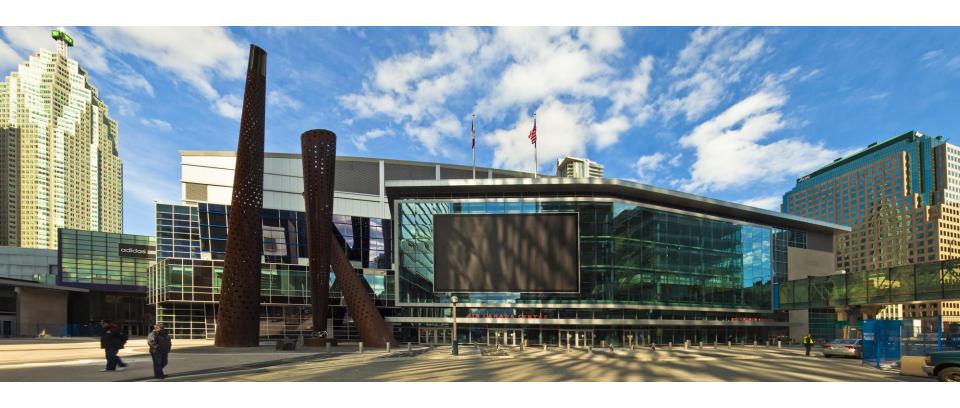
Paul Gillett

Manager, Engineering & Technical

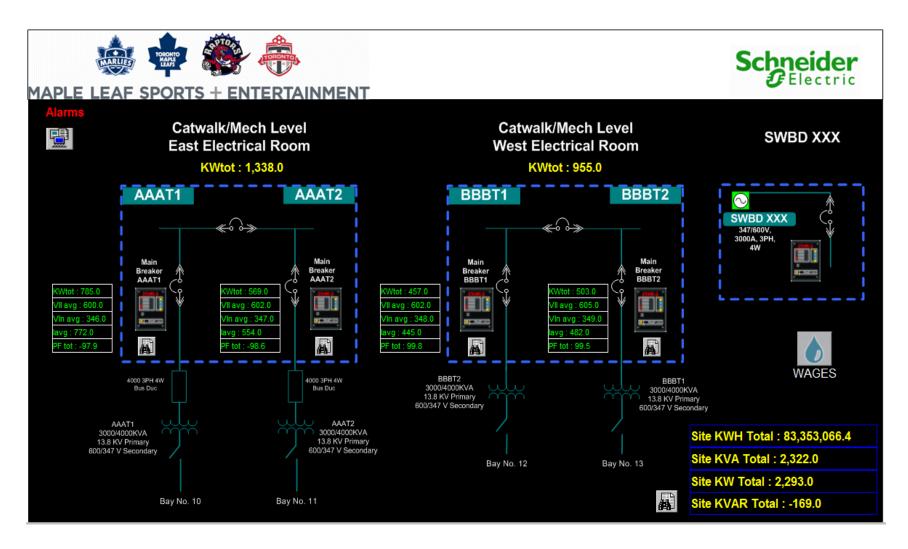
Services



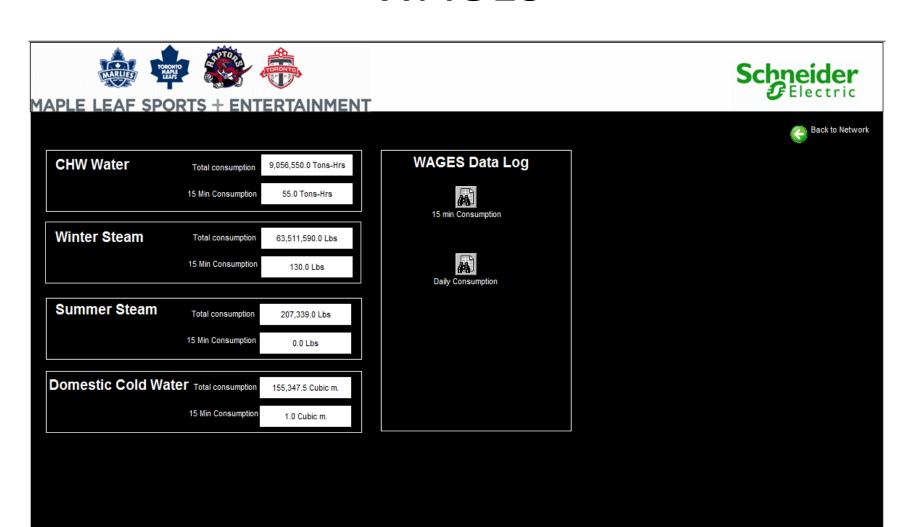
Air Canada Centre



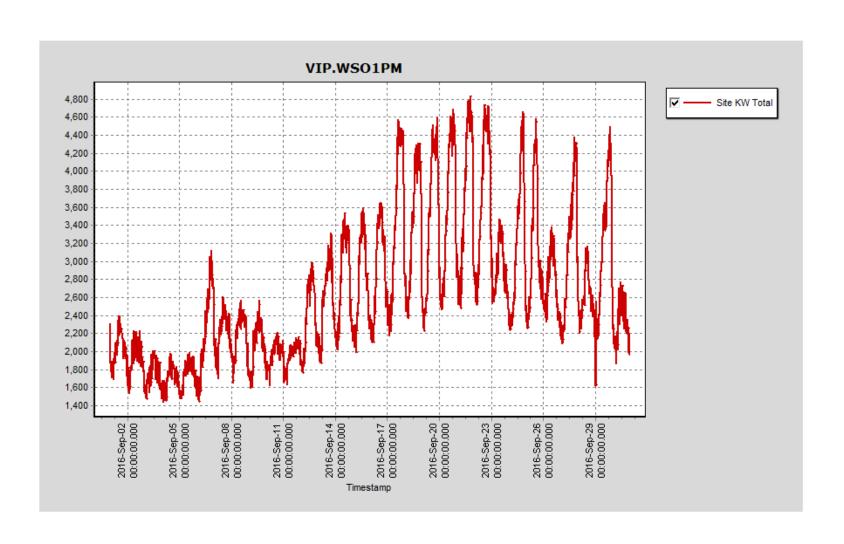
System Diagram



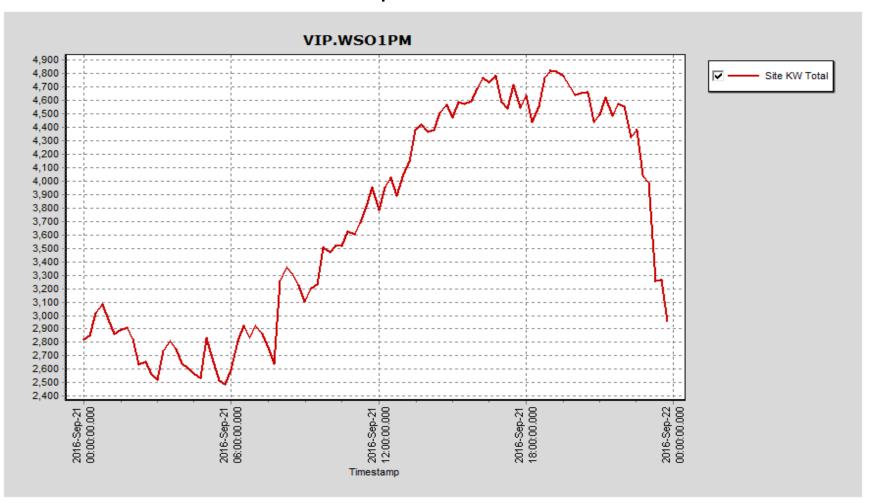
WAGES



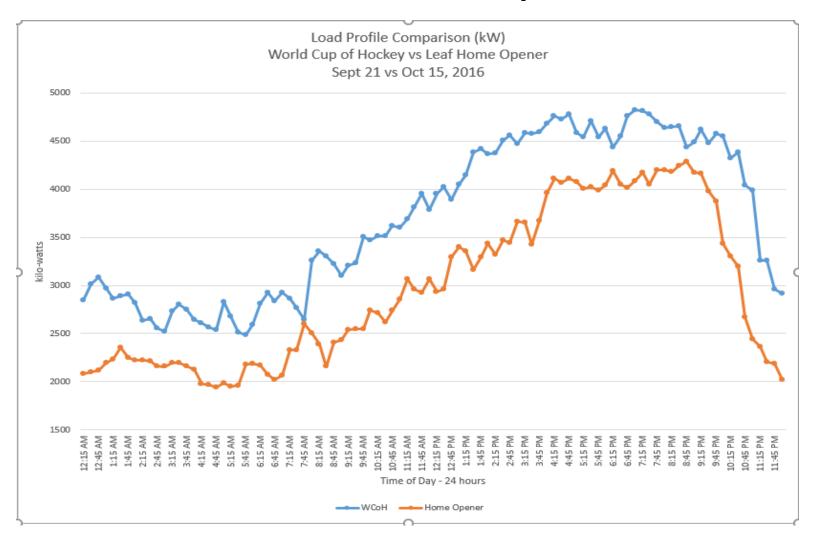
September 2016 Load Profile



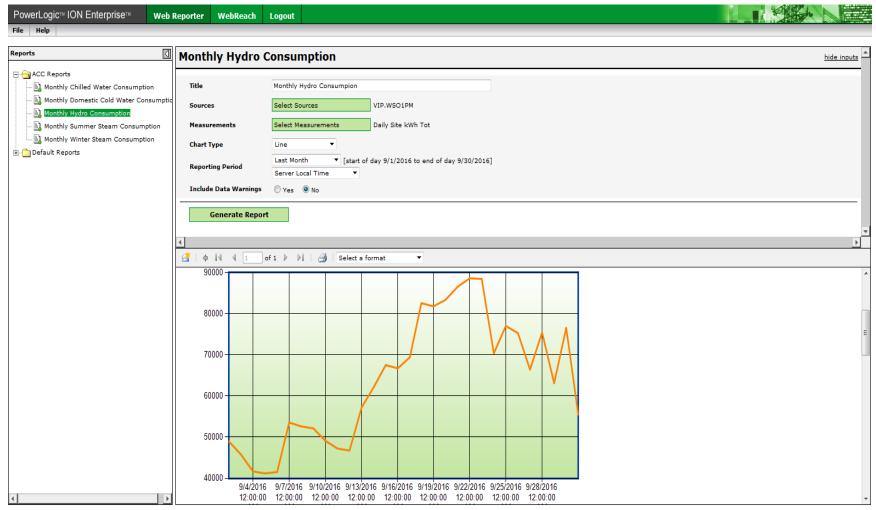
September 21 – World Cup of Hockey North America vs Sweden Europe vs Canada



Load Profile Comparison



Monthly Reports



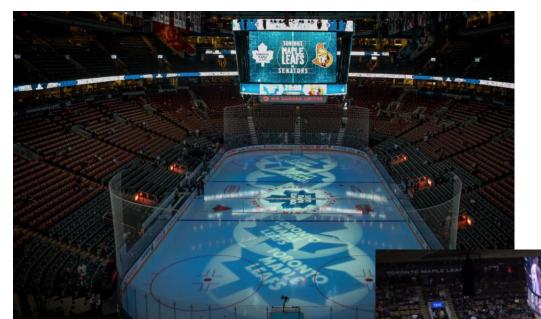
Budget Development

4 A	В	C	D	E	F	G	Н	I	J	K
				HYDRO PL Daily kW Values	5.22% Adjusted Values	STEAM	CHILLED WATER	Event Name	Event Mode	Note
Month Day			DCW							
	ay	Date								
September Th	hursday	1	168.5	48,940.7	51,495.4	55,990	16,980	Open	Open	
September Fr	riday	2	155.0	45,821.4	48,213.3	88,330	17,770	Open	Open	
September Sa	aturday	3	145.0	41,636.3	43,809.7	88,810	15,515	Open	Open	
September Su	unday	4	120.0	41,216.4	43,367.8	87,100	16,840	Open	Open	
September M	londay	5	70.5	41,486.0	43,651.5	81,660	20,180	Open	Open	
September Tu	uesday	6	245.5	53,539.5	56,334.2	121,910	26,490	Bad Boyz Reunion	Concert	
September W	/ednesday	7	157.5	52,661.3	55,410.3	115,270	27,325	Open	Open	
September Th	hursday	8	152.5	52,157.2	54,879.8	124,650	28,355	Open	Open	WCoH Load-in
September Fr	riday	9	145.0	49,116.7	51,680.5	122,520	25,785	Open	Open	WCoH Load-in
September Sa	aturday	10	124.0	47,284.9	49,753.1	147,160	30,035	Open	Open	WCoH Load-in
September Su	unday	11	142.0	46,808.2	49,251.6	153,240	21,915	Open	Open	WCoH Load-in
September M	londay	12	192.0	57,266.7	60,256.0	174,730	26,295	Open	Open	WCoH Load-in
September Tu	uesday	13	198.5	62,139.6	65,383.3	170,390	30,835	Open	Open	WCoH Load-in
September W	/ednesday	14	218.5	67,571.7	71,098.9	171,720	29,815	WCoH	Hockey	WCoH Showcase ever
September Th	hursday	15	194.5	66,676.3	70,156.8	177,960	24,865	Open	Open	WCoH Practices
September Fr	riday	16	224.0	69,391.2	73,013.4	183,400	29,045	Open	Open	WCoH Practices
September Sa	aturday	17	461.0	82,500.4	86,806.9	172,030	30,665	WCoH	Hockey	WCoH Preliminaries
September Su	unday	18	454.5	81,672.6	85,935.9	167,280	33,350	WCoH	Hockey	WCoH Preliminaries
September M	londay	19	444.0	83,374.7	87,726.9	175,390	37,420	WCoH	Hockey	WCoH Preliminaries
September Tu	uesday	20	483.5	86,422.7	90,934.0	181,180	39,325	WCoH	Hockey	WCoH Preliminaries
September W	/ednesday	21	522.5	88,553.0	93,175.4	185,690	36,260	WCoH	Hockey	WCoH Preliminaries
September Th		22	448.0	88,379.4	92,992.8	184,070	38,060	WCoH	Hockey	WCoH Preliminaries
September Fr	riday	23	198.5	70,285.3	73,954.2	187,680	33,765	Open	Open	WCoH Practices
September Sa	-	24	375.5	77,001.8	81,021.3	163,710	23,935	WCoH	Hockey	WCoH Semis
September Su		25	353.5	75,264.7	79,193.5	161,310	24,695	WCoH	Hockey	WCoH Semis
September M		26	200.0	70,000.0	73,654.0	150,000	18,000	Open	Open	WCoH Practices
September Tu		27	360.0	76,000.0	79,967.2	162,000	24,000	WCoH	Hockey	WCoH Final1
September W		28	200.0	70,000.0	73,654.0	150,000	18,000	Open	Open	WCoH Practices
September Th	-	29	360.0		79,967.2	162,000	24,000	WCoH	Hockey	WCoH Final2
September Fr		30	200.0	70,000.0	73,654.0	150,000	18,000	Open	Open	WCoH Practices

What's Next?

- ION 8650 power quality meter by Toronto Hydro
- Upgrade and expand meter network
- Class A vs Class B classification
- CDM load shed using dedicated generator
- Update lighting technologies

Thank you!



Go Leafs Go!

Go Raptors Go!