

	A	B	C	D	E	F	G	H	I	J	K
1	Recovery of Costs Incurred for Installed Units (Minimum Functionality)										
2	Cost Breakdown of Functional Specification for an Advanced Metering Infrastructure										
3											
4	CAD \$ MILLIONS		TORONTO HYDRO		HYDRO ONE		HYDRO ONE				
5			(Revised 18sep07)		NETWORKS		BRAMPTON				
6	CAPITAL COSTS										
7			\$	Qty	\$	Qty	\$	Qty			
8	ADVANCED METERING COMMUNICATION DEVICE (AMCD)										
9	1. Smart Meter										
10	2. Installation Cost										
11	3. Workforce Automation										
12											
13	ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)										
14	4. Collectors										
15	5. Repeaters										
16	6. Installation										
17											
18	ADVANCED METERING CONTROL COMPUTER (AMCC)										
19	7. Computer Hardware										
20	8. Computer Software										
21	9. Computer Software Licence & Installation										
22											
23	WIDE AREA NETWORK (WAN)										
24	10. Activation Fees										
25											
26	OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY										
27	11. AMI Interface to CIS										
28	12. Professional Fees										
29	13. Integration										
30	14. Program Management										
31											
32	TOTAL CAPITAL COST (CAD \$ Millions)		25.741	193,294	21.799	62,914	0.940	6,401			
33	TOTAL OM&A COST (CAD \$ Millions) ^{see NOTE}		0.398		8.366		0.008				
34	TOTAL COST (CAD \$ Millions)		26.139		30.165		0.948				
35											
36	Total Cost per Unit \$ (Total Cost / Quantity of Smart Meters)		\$135.23		\$479.47		\$148.04				
37											
38	Costs Incurred to:		31-Dec-06		31-May-07		31-May-07				
39	Source:		Ex A12 Tab G adjusted		Ex A5 adjusted		Ex A4 adjusted				
40	Commitment re Quantity of Units Installed by December 31, 2007		400,000		240,000		35,000				
41											
42	NOTE: OM&A Costs include the following:				* The Board will allow						
43	AMCD Maintenance				half of the program						
44	AMRC/LAN Maintenance				management costs						
45	AMCC Hardware and Software Maintenance										
46	WAN										
47	Other (Business Process Redesign/Customer Communication/Program Management/Change Management)										

	A	B	L	M	N	O	P	Q	R	S	T
1	Recovery of Costs Incurred for Installed Units (Minimum Functionali										
2	Cost Breakdown of Functional Specification for an Advanced Meteri										
3											
4	CAD \$ MILLIONS		HYDRO OTTAWA		(Revised 18sep07)		HORIZON		POWERSTREAM		
5											
6	CAPITAL COSTS										
7			\$	Qty	\$	Qty	\$	Qty			
8	ADVANCED METERING COMMUNICATION DEVICE (AMCD)										
9	1. Smart Meter										
10	2. Installation Cost										
11	3. Workforce Automation										
12											
13	ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)										
14	4. Collectors										
15	5. Repeaters										
16	6. Installation										
17											
18	ADVANCED METERING CONTROL COMPUTER (AMCC)										
19	7. Computer Hardware										
20	8. Computer Software										
21	9. Computer Software Licence & Installation										
22											
23	WIDE AREA NETWORK (WAN)										
24	10. Activation Fees										
25											
26	OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY										
27	11. AMI Interface to CIS										
28	12. Professional Fees										
29	13. Integration										
30	14. Program Management										
31											
32	TOTAL CAPITAL COST (CAD \$ Millions)		15.480	114,432	0.816	0	0.074	0			
33	TOTAL OM&A COST (CAD \$ Millions) ^{see NOTE}		0.221		0.239		0				
34	TOTAL COST (CAD \$ Millions)		15.701		1.055		0.074				
35											
36	Total Cost per Unit \$ (Total Cost / Quantity of Smart Meters)		\$137.21				n/a		n/a		
37											
38	Costs Incurred to:		30-Apr-07		30-Apr-07		31-Dec-06				
39	Source:		Ex A6 adjusted		Ex A3 adjusted		Ex A10				
40	Commitment re Quantity of Units Installed by December 31, 2007		175,000		50,000		80,000				
41											
42	NOTE: OM&A Costs include the following:										
43	AMCD Maintenance										
44	AMRC/LAN Maintenance										
45	AMCC Hardware and Software Maintenance										
46	WAN										
47	Other (Business Process Redesign/Customer Communication/Program Manage										

	A	B	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
1	Recovery of Costs Incurred for Installed Units (Minimum Functionali													
2	Cost Breakdown of Functional Specification for an Advanced Meteri													
3														
4	CAD \$ MILLIONS		VERIDIAN		ENERSOURCE			CHATHAM-KENT			MIDDLESEX			
5	CAPITAL COSTS													
6														
7			\$	Qty	\$	Qty	\$	Qty	\$	Qty				
8	ADVANCED METERING COMMUNICATION DEVICE (AMCD)													
9	1. Smart Meter													
10	2. Installation Cost													
11	3. Workforce Automation													
12														
13	ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)													
14	4. Collectors													
15	5. Repeaters													
16	6. Installation													
17														
18	ADVANCED METERING CONTROL COMPUTER (AMCC)													
19	7. Computer Hardware													
20	8. Computer Software													
21	9. Computer Software Licence & Installation													
22														
23	WIDE AREA NETWORK (WAN)													
24	10. Activation Fees													
25														
26	OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY													
27	11. AMI Interface to CIS													
28	12. Professional Fees													
29	13. Integration													
30	14. Program Management													
31														
32	TOTAL CAPITAL COST (CAD \$ Millions)		0.043	0	1.514	12,528	2.862	17,052	0.557	3,063				
33	TOTAL OM&A COST (CAD \$ Millions) ^{see NOTE}		0		0.293		0.367		0.025					
34	TOTAL COST (CAD \$ Millions)		0.043		1.807		3.229		0.582					
35														
36	Total Cost per Unit \$ (Total Cost / Quantity of Smart Meters)			n/a		\$144.20		\$189.34		\$189.96				
37														
38	Costs Incurred to:		31-Dec-06		30-Apr-07			30-Apr-07			30-Apr-07			
39	Source:		Ex A13 Tab B		Ex A2 Updated Adj			K7.2			K7.2 (incl correction)			
40	Commitment re Quantity of Units Installed by December 31, 2007		40,000		60,000			34,000 (incl M)			(see C-K)			
41														
42	NOTE: OM&A Costs include the following:													
43	AMCD Maintenance													
44	AMRC/LAN Maintenance													
45	AMCC Hardware and Software Maintenance													
46	WAN													
47	Other (Business Process Redesign/Customer Communication/Program Manage													

	A	B	AG	AH	AI	AJ	AK	AL	AM	AN	AO	
1	Recovery of Costs Incurred for Installed Units (Minimum Functionali											
2	Cost Breakdown of Functional Specification for an Advanced Meteri											
3												
4	CAD \$ MILLIONS		MILTON		NEWMARKET				TAY			
5	CAPITAL COSTS											
6			\$	Qty	\$	Qty	\$	Qty	\$	Qty		
7	ADVANCED METERING COMMUNICATION DEVICE (AMCD)											
8	1. Smart Meter											
9	2. Installation Cost											
10	3. Workforce Automation											
11												
12	ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)											
13	4. Collectors											
14	5. Repeaters											
15	6. Installation											
16												
17	ADVANCED METERING CONTROL COMPUTER (AMCC)											
18	7. Computer Hardware											
19	8. Computer Software											
20	9. Computer Software Licence & Installation											
21												
22	WIDE AREA NETWORK (WAN)											
23	10. Activation Fees											
24												
25	OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY											
26	11. AMI Interface to CIS											
27	12. Professional Fees											
28	13. Integration											
29	14. Program Management											
30												
31												
32	TOTAL CAPITAL COST (CAD \$ Millions)		0.697	5,494	2.111	19,000	0	0	0	0	0	
33	TOTAL OM&A COST (CAD \$ Millions) ^{see NOTE}		0		0.237		0		0			
34	TOTAL COST (CAD \$ Millions)		0.697		2.348		0		0			
35												
36	Total Cost per Unit \$ (Total Cost / Quantity of Smart Meters)		\$126.83		\$123.59				n/a			
37												
38	Costs Incurred to:		30-Apr-07		08-Jun-07				08-Jun-07			
39	Source:		Ex A8		Ex A9 Confidential				Ex A11 Confidential			
40	Commitment re Quantity of Units Installed by December 31, 2007				26,000				4,000			
41												
42	NOTE: OM&A Costs include the following:											
43	AMCD Maintenance											
44	AMRC/LAN Maintenance											
45	AMCC Hardware and Software Maintenance											
46	WAN											
47	Other (Business Process Redesign/Customer Communication/Program Manage											