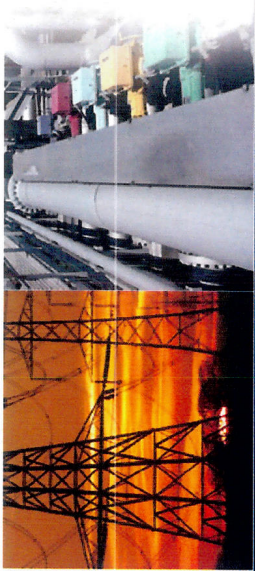




Ontario Energy Board

Incremental Capital
Workform



Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION

Applicant Name	Kingston Hydro Corporation
Application Type	IRM3
LDC Licence Number	ED-2003-0057
Applied for Effective Date	May 1, 2012
Stretch Factor Group	II
Stretch Factor Value	#NAME?
Last COS Re-based Year	2011
Last COS OEB Application Number	EB-2010-0136
ICM Billing Determinants for Growth - Numerator	#NAME?
ICM Billing Determinants for Growth - Denominator	#NAME?



Ontario Energy Board
**Incremental Capital
Workform**

Table of Contents

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Re-Based Bill Det & Rates	Set Up Rate Classes and enter Re-Based Billing Determinants and Tariff Rates
B1.2 Removal of Rate Adders	Removal of Rate Adders
B1.3 Re-Based Rev From Rates	Calculated Re-Based Revenue From Rates
B1.4 Re-Based Rev Req	Detailed Re-Based Revenue From Rates
C1.1 Ld Act-Mst Rcent Yr	Enter Billing Determinants for most recent actual year
D1.1 Current Revenue from Rates	Enter Current Rates to calculate current rate allocation
E1.1 Threshold Parameters	Shows calculation of Price Cap and Growth used for incremental capital threshold calculation
E2.1 Threshold Test	Input sheet to calculate Threshold and Incremental Capital
E3.1 Summary of I C Projects	Summary of Incremental Capital Projects
E4.1 IncrementalCapitalAdjust	Shows Calculation of Incremental Capital Revenue Requirement
F1.1 Incr Cap RRider Opt A FV	Option A - Calculation of Incremental Capital Rate Rider - Fixed & Variable Split
F1.2 Incr Cap RRider Opt B Var	Option B - Calculation of Incremental Capital Rate Rider - Variable Allocation
Z1.0 OEB Control Sheet	Not Shown



Ontario Energy Board Incremental Capital Workform

Rate Class and Re-Based Billing Determinants & Rates

Select the appropriate Rate Groups and Rate Classes from the drop-down menus in Columns C and D respectively. Following your selection, all appropriate input cells will be shaded green.

Last COS Re-based Year

2011

Last COS OEB Application Number

EB-2010-0136

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Tariff Volumetric Rate kWh	Re-based Tariff Volumetric Rate kW
RES	Residential	Customer	kWh	23,386	194,606,362		12.06	0.0148	
GSLT50	General Service Less Than 50 kW	Customer	kWh	3,244	93,096,784		24.83	0.0103	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	347	259,610,762	701,859	269.01		1.9270
LU	Large Use	Customer	kW	3	152,017,673	297,737	4,959.68		1.0118
USL	Unmetered Scattered Load	Customer	kWh	164	2,275,040		11.09	0.0135	
SL	Street Lighting	Connection	kW	5,155	4,024,186	11,336	0.99		4.4901
SB	Standby Power - APPROVED ON AN INTERIM BASIS	Connection	kW						
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



Ontario Energy Board Incremental Capital Workform

Removal of Rate Adders

Last COS Re-based Year

2011

Last COS OEB Application Number

EB-2010-0136

Rate Class	Re-based Tariff Re-based Tariff Distribution		Re-based Tariff Distribution		Service Charge Distribution		Volumetric Distribution	
	Service Charge	Volumetric Rate kWh	Service Charge	Volumetric Rate kW	Rate Adders	kWh Rate Adders	Rate Adders	kW Rate Adders
Residential	12.06	0.0148	0.0000	0.0000	0.00	0.0000	0.0000	0.0000
General Service Less Than 50 kW	24.83	0.0103	0.0000	0.0000	0.00	0.0000	0.0000	0.0000
General Service 50 to 4,999 kW	269.01	0.0000	1.9270	1.9270	0.00	0.0000	0.0000	0.0000
Large Use	4,959.68	0.0000	1.0118	1.0118	0.00	0.0000	0.0000	0.0000
Unmetered Scattered Load	11.09	0.0135	0.0000	0.0000	0.00	0.0000	0.0000	0.0000
Street Lighting	0.99	0.0000	4.4901	4.4901	0.00	0.0000	0.0000	0.0000
Standby Power - APPROVED ON AN INTERIM BASIS	0.00	0.0000	0.0000	0.0000	0.00	0.0000	0.0000	0.0000



Ontario Energy Board Incremental Capital Workform

Calculated Re-Based Revenue From Rates

Last COS Re-based Year

2011

Last COS OEB Application Number

EB-2010-0136

Rate Class	Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Base Service Charge	Re-based Base Distribution Volumetric Rate kWh	Re-based Base Distribution Volumetric Rate kW	Service Charge Revenue G = A * D * 12	Distribution Volumetric kWh H = B * E	Distribution Volumetric Rate I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	23,386	194,606,362	0	12.06	0.0148	0.0000	3,384,422	2,880,174	0	6,264,596
General Service Less Than 50 kW	3,244	93,096,784	0	24.83	0.0103	0.0000	966,582	958,897	0	1,925,479
General Service 50 to 4,999 kW	347	259,610,762	701,859	269.01	0.0000	1.9270	1,120,158	0	1,352,482	2,472,640
Large Use	3	152,017,673	297,737	4,959.68	0.0000	1.0118	178,548	0	301,250	479,799
Unmetered Scattered Load	164	2,275,040	0	11.09	0.0135	0.0000	21,825	30,713	0	52,538
Street Lighting	5,155	4,024,186	11,336	0.99	0.0000	4.4901	61,241	0	50,900	112,141
Standby Power - APPROVED ON AN INT	0	0	0	0.00	0.0000	0.0000	0	0	0	0
							5,732,777	3,869,784	1,704,632	11,307,193



Detailed Re-Based Revenue From Rates

Last COS Re-based Year

2011

Last COS OEB Application Number

EB-2010-0136

Applicants Rate Base

Average Net Fixed Assets

Gross Fixed Assets - Re-based Opening
Add: CWIP Re-based Opening
Re-based Capital Additions
Re-based Capital Disposals
Re-based Capital Retirements
Deduct: CWIP Re-based Closing
Gross Fixed Assets - Re-based Closing
Average Gross Fixed Assets

\$ 46,363,460 A
\$ 62,500 B
\$ 5,371,000 C
\$ - D
\$ - E
\$ - F
\$ 51,796,960 G

Last Rate Re-based Amount

\$ 49,080,210 H = (A + G) / 2

Accumulated Depreciation - Re-based Opening
Re-based Depreciation Expense
Re-based Disposals
Re-based Retirements
Accumulated Depreciation - Re-based Closing
Average Accumulated Depreciation

\$ 16,370,377 I
\$ 2,012,215 J
\$ - K
\$ - L
\$ 18,382,592 M

\$ 17,376,485 N = (I + M) / 2

Average Net Fixed Assets

\$ 31,703,726 O = H - N

Working Capital Allowance

Working Capital Allowance Base
Working Capital Allowance Rate
Working Capital Allowance

\$ 70,573,796 P
15.0% Q

\$ 10,586,069 R = P * Q

Rate Base

\$ 42,289,795 S = O + R

Return on Rate Base

Deemed ShortTerm Debt %
Deemed Long Term Debt %
Deemed Equity %

4.00% T
56.00% U
40.00% V

\$ 1,691,592 W = S * T
\$ 23,682,285 X = S * U
\$ 16,915,918 Y = S * V

Short Term Interest

2.46% Z

\$ 41,613 AC = W * Z

Long Term Interest

5.01% AA

\$ 1,186,133 AD = X * AA

Return on Equity

9.58% AB

\$ 1,620,545 AE = Y * AB

Return on Rate Base

\$ 2,848,291 AF = AC + AD + AE

Distribution Expenses

OM&A Expenses
Amortization
Ontario Capital Tax (F1.1 Z-Factor Tax Changes)
Grossed Up PILs (F1.1 Z-Factor Tax Changes)
Low Voltage
Transformer Allowance

\$ 6,357,503 AG
\$ 2,012,215 AH
\$ - AI
\$ 557,623 AJ
\$ - AK
\$ 208,045 AL
AM
AN
AO

\$ 9,135,386 AP = SUM (AG : AO)

Revenue Offsets

Specific Service Charges
Late Payment Charges
Other Distribution Income
Other Income and Deductions

-\$ 268,031 AQ
-\$ 37,901 AR
-\$ 105,546 AS
-\$ 272,118 AT

\$ 683,596 AU = SUM (AQ : AT)

Revenue Requirement from Distribution Rates

\$ 11,300,081 AV = AF + AP + AU

Rate Classes Revenue

Rate Classes Revenue - Total (B1.1 Re-based Revenue - Gen)

\$ 11,307,193 AW



Load Actual - Most Recent Year

Rate Class	Fixed Metric	Vol Metric	Billed Customers or Connections	A	B	C	Base Service Charge	D	Base Distribution Volumetric Rate	E	F	Service Charge Revenue	G = A * D * 12	Distribution Volumetric Rate Revenue	H = B * E	I = C * F	Total Revenue by Rate Class	J = G + H + I
Residential		kWh		23,336	189,807,088	0	\$12.06	\$0.0148	\$0.0000	\$0.0000	\$0.0000	\$3,377,186	\$2,809,145	\$0	\$0	\$0	\$6,186,331	
General Service Less Than 50 kW	Customer	kWh		3,264	92,291,447	0	\$24.83	\$0.0103	\$0.0000	\$0.0000	\$0.0000	\$972,541	\$950,602	\$0	\$0	\$0	\$1,923,143	
General Service 50 to 4,999 kW	Customer	kW		341	273,598,756	747,917	\$269.01	\$0.0000	\$1.9270	\$1.9270	\$1.9270	\$1,100,789	\$0	\$1,441,236	\$0	\$1,441,236	\$2,542,025	
Large Use	Customer	kW		3	148,972,806	289,659	\$4,959.68	\$0.0000	\$1.0118	\$1.0118	\$1.0118	\$178,548	\$0	\$293,077	\$0	\$293,077	\$471,625	
Unmetered Scattered Load	Customer	kWh		158	2,258,139	0	\$11.09	\$0.0135	\$0.0000	\$0.0000	\$0.0000	\$21,027	\$30,485	\$0	\$0	\$0	\$51,512	
Street Lighting	Connection	kW		5,118	4,402,842	12,188	\$0.99	\$0.0000	\$4.4901	\$4.4901	\$4.4901	\$60,802	\$0	\$54,725	\$0	\$54,725	\$115,527	
Standby Power - APPROVED ON AN Connection	Connection	kW		0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0	\$0	\$0	\$0	\$0	\$0	
												\$5,710,893	\$3,790,232	\$1,789,038	\$0	\$11,290,163		