

# Enwin Utilities Ltd. (ED-2002-0527)

2009 EDR Application (EB-2008-0227) version: DRAFT

February 13, 2009

## F1 Distribution Revenue Requirement

Enter adjustments for non-recurring items in 2009 to be addressed via rat

	2009 <input type="checkbox"/> Projection	Non-recurring items (Total)	2009 <input type="checkbox"/> Normalized
OM&A Expenses <i>from sheet D1</i>	22,126,141		22,126,141
3850-Amortization Expense <i>from sheet E2</i>	11,487,968		11,487,968
Total Distribution Expenses	33,614,109		33,614,109
Regulated Return On Capital <i>from sheet D3</i>	14,078,754		14,078,754
PILs (with gross-up) <i>from sheet E4</i>	2,045,100		2,045,100
<b>Service Revenue Requirement</b>	<b>49,737,963</b>		<b>49,737,963</b>
Less: Revenue Offsets <i>from sheet C9</i>	2,443,803		2,443,803
<b>Base Revenue Requirement</b>	<b>47,294,160</b>		<b>47,294,160</b>

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**F3 Cost Allocation***Enter selected amounts from sheets 'O1' and 'O2' of Cost Allocation model*

Customer Class Name	REVENUE ALLOCATION (sheet O1)						
	Service Revenue Requirement	%	Miscellaneous Revenue (mi)	%	Base Revenue Requirement *	%	Revenue to Expenses %
Residential	24,892,891	53.41%	1,973,377	64.10%	22,919,513	52.66%	89.50%
General Service Less Than 50 kW	5,685,010	12.20%	428,570	13.92%	5,256,440	12.08%	104.82%
General Service 50 - 4,999 kW	8,960,850	19.23%	537,062	17.44%	8,423,788	19.35%	143.85%
General Service 3,000 to 4,999 kW - Inte	318,461	0.68%	14,840	0.48%	303,620	0.70%	-4.03%
Large Use - Regular	1,153,181	2.47%	55,002	1.79%	1,098,178	2.52%	120.84%
Large Use - 3TS	2,068,218	4.44%	594	0.02%	2,067,624	4.75%	101.78%
Large Use - Ford Annex	1,195,519	2.57%	332	0.01%	1,195,186	2.75%	93.83%
Unmetered Scattered Load	90,351	0.19%	6,838	0.22%	83,513	0.19%	258.42%
Back-up/Standby Power							
Sentinel Lighting	141,792	0.30%	5,307	0.17%	136,485	0.31%	62.19%
Street Lighting	2,098,319	4.50%	56,795	1.84%	2,041,524	4.69%	26.08%
TOTAL (from Column C of sheet O1)	46,604,591	100.00%	3,078,717	100.00%	43,525,874	100.00%	100.00%
	OK	OK	OK	OK	OK	OK	

\* Service Revenue Requirement less Miscellaneous Revenue

Customer Class Name	CUSTOMER UNIT COST PER MONTH (sheet O2)				
	Avoided Costs (Minimum Charge)	Directly Related	Minimum System with PLCC * adjustment	Existing Fixed Rate	Maximum Charge **
Residential	\$4.80	\$10.83	\$17.02	\$8.39	\$17.02
General Service Less Than 50 kW	\$13.26	\$28.55	\$36.42	\$24.11	\$36.42
General Service 50 - 4,999 kW	\$44.39	\$101.69	\$113.63	\$323.47	\$323.47
General Service 3,000 to 4,999 kW - Inte	\$104.66	\$304.43	\$305.45	\$432.23	\$432.23
Large Use - Regular	\$119.07	\$484.77	\$488.35	\$6,436.04	\$6,436.04
Large Use - 3TS	\$0.27	\$0.27	\$0.27	\$21,634.48	\$21,634.48
Large Use - Ford Annex	\$0.27	\$0.27	\$0.27	\$100,188.11	\$100,188.11
Unmetered Scattered Load	\$0.29	\$1.13	\$6.68	\$28.60	\$28.60
Back-up/Standby Power					
Sentinel Lighting	\$0.02	\$0.13	\$7.70	\$4.88	\$7.70
Street Lighting	\$0.01	\$0.02	\$7.58	\$1.90	\$7.58

\* PLCC = 'Peak Load Carrying Capability'

\*\* Greater of 'Directly Related', 'Minimum System with PLCC adjustment', and Existing Fixed Rate

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**F4 Revenue Requirement Allocation***Enter the outstanding Base Revenue Requirement and Transformer Allowance recoveries by customer class*

Customer Class Name	Outstanding Base Revenue Requirement %			Outstanding Base Revenue Requirement \$ <sup>3</sup>			Directly Assigned Revenues <sup>3</sup>	Total Base Revenue Requirement
	Cost Allocation <sup>1</sup>	Existing Rates <sup>2</sup>	Rate Application	Cost Allocation	Existing Rates	Rate Application		
Residential	52.66%	46.72%	47.13%	24,903,787	22,097,882	22,288,933		22,288,933
General Service Less Than 50 kV	12.08%	12.63%	12.66%	5,711,521	5,972,581	5,986,542		5,986,542
General Service 50 - 4,999 kW	19.35%	27.86%	26.67%	9,153,084	13,178,483	12,611,371		12,611,371
General Service 3,000 to 4,999 kV	0.70%	0.16%	0.56%	329,907	75,238	263,930		263,930
Large Use - Regular	2.52%	3.23%	2.90%	1,193,254	1,525,522	1,372,240		1,372,240
Large Use - 3TS	4.75%	4.80%	4.83%	2,246,631	2,271,092	2,286,621		2,286,621
Large Use - Ford Annex	2.75%	2.65%	2.58%	1,298,661	1,252,395	1,218,581		1,218,581
Unmetered Scattered Load	0.19%	0.68%	0.23%	90,744	319,259	108,890		108,890
Back-up/Standby Power								
Sentinel Lighting	0.31%	0.10%	0.20%	148,301	45,630	92,224		92,224
Street Lighting	4.69%	1.18%	2.25%	2,218,271	556,078	1,064,828		1,064,828
<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>47,294,160</b>	<b>47,294,160</b>	<b>47,294,160</b>		<b>47,294,160</b>
			<b>OK</b>			<b>OK</b>		

<sup>1</sup> from sheet F3<sup>2</sup> from sheet C4<sup>3</sup> from sheet F2

Customer Class Name	Total Base Revenue Requirement	Transformer Allowance Recovery <sup>4</sup>	Low Voltage Revenue Required <sup>5</sup>	Gross Base Revenue Requirement
Residential	22,288,933			22,288,933
General Service Less Than 50 kV	5,986,542	231		5,986,773
General Service 50 - 4,999 kW	12,611,371	558,323		13,169,694
General Service 3,000 to 4,999 kV	263,930	85,097		349,027
Large Use - Regular	1,372,240	350,632		1,722,872
Large Use - 3TS	2,286,621	415,443		2,702,064
Large Use - Ford Annex	1,218,581			1,218,581
Unmetered Scattered Load	108,890			108,890
Back-up/Standby Power				
Sentinel Lighting	92,224			92,224
Street Lighting	1,064,828			1,064,828
<b>TOTAL</b>	<b>47,294,160</b>	<b>1,409,726</b>		<b>48,703,886</b>
		<b>OK</b>		

<sup>4</sup> Volume per sheet C4: total allocations must match total amount of allowances<sup>5</sup> allocated per table below:**2009 Transformer Allowances**

	Volume <sup>4</sup>	Rate	Amount
kW:	2,349,543	(\$0.6000)	-1,409,726

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**F4 Revenue Requirement Allocation***Enter the outstanding Base Revenue Requirement and Transformer Allowance recoveries by customer class*

Customer Class Name	Test Year Revenues <sup>6</sup> Transmission - Connection	Class Share	Low Voltage Charges <sup>7</sup>
Residential	2,728,093	37.6%	
General Service Less Than 50 kV	942,433	13.0%	
General Service 50 - 4,999 kW	3,241,484	44.7%	
General Service 3,000 to 4,999 kW - Intermediate	256,231	3.5%	
Large Use - Regular			
Large Use - 3TS			
Large Use - Ford Annex			
Unmetered Scattered Load	16,561	0.2%	
Back-up/Standby Power			
Sentinel Lighting	3,154	0.0%	
Street Lighting	59,159	0.8%	
<b>TOTAL</b>	<b>7,247,116</b>	<b>100.0%</b>	
		<b>OK</b>	

Note: There are no applicable charges for Low Voltage

<sup>6</sup> charge type per sheet Y4; amounts per sheet C2:

<sup>7</sup> Total per sheet C2; allocated to customer classes based on Class Share

Customer Class Name	Rate Application			Cost Allocation		Variance	Target Range	
	Allocated Revenue <sup>8</sup>	Allocated Cost <sup>8</sup>	Revenue to Cost Ratio	Revenue to Cost Ratio <sup>9</sup>			Floor	Ceiling
Residential	22,288,933	24,903,787	0.90	0.90	0.00		0.85	1.15
General Service Less Than 50 kV	5,986,542	5,711,521	1.05	1.05	-0.00		0.80	1.20
General Service 50 - 4,999 kW	12,611,371	9,153,084	1.38	1.44	-0.06		0.80	1.80
General Service 3,000 to 4,999 kW	263,930	329,907	0.80	-0.04	0.84		0.80	1.80
Large Use - Regular	1,372,240	1,193,254	1.15	1.21	-0.06		0.85	1.15
Large Use - 3TS	2,286,621	2,246,631	1.02	1.02	-0.00		0.85	1.15
Large Use - Ford Annex	1,218,581	1,298,661	0.94	0.94	0.00		0.85	1.15
Unmetered Scattered Load	108,890	90,744	1.20	2.58	-1.38		0.80	1.20
Back-up/Standby Power			--		--			
Sentinel Lighting	92,224	148,301	0.62	0.62	-0.00		0.70	1.20
Street Lighting	1,064,828	2,218,271	0.48	0.26	0.22		0.70	1.20
<b>TOTAL</b>	<b>47,294,160</b>	<b>47,294,160</b>	<b>1.00</b>	<b>1.00</b>				

<sup>8</sup> see first table above (Outstanding Revenue Requirement \$)

<sup>9</sup> from sheet F3

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**F6 Reconciliation of Rates with Revenue / Recovery Requirements***Review reconciliations (no input on this sheet)***DISTRIBUTION CHARGES**

Customer Class Name	Fixed Charge			Variable Charge			Gross Revenue from Distribution Charges		
	Rate <sup>1</sup>	Volume <sup>2</sup>	Revenue <sup>3</sup>	Rate <sup>1</sup>	Volume <sup>2</sup>	Revenue <sup>3</sup>	Calculated *	Allocated **	Difference
Residential	\$10.70	915,804	9,799,103	\$0.0195	641,214,701	12,503,687	22,302,789	22,288,933	13,856
General Service Less Than 50 kW	\$25.18	84,156	2,119,048	\$0.0162	238,998,501	3,871,776	5,990,824	5,986,773	4,051
General Service 50 - 4,999 kW	\$104.09	14,268	1,485,156	\$4.8058	2,431,356	11,684,611	13,169,767	13,169,694	73
General Service 3,000 to 4,999 kW	\$2,088.71	36	75,194	\$1.9310	141,807	273,829	349,023	349,027	-4
Large Use - Regular	\$7,571.77	72	545,167	\$2.1828	539,536	1,177,699	1,722,867	1,722,872	-6
Large Use - 3TS	\$26,813.36	36	965,281	\$2.7240	637,577	1,736,760	2,702,041	2,702,064	-23
Large Use - Ford Annex	\$101,548.44	12	1,218,581		133,262		1,218,581	1,218,581	-0
Unmetered Scattered Load	\$10.16	10,716	108,875		4,199,811		108,875	108,890	-16
Back-up/Standby Power									
Sentinel Lighting	\$10.27	8,976	92,184		2,586		92,184	92,224	-40
Street Lighting	\$3.79	280,956	1,064,823		48,555		1,064,823	1,064,828	-5
<b>TOTAL</b>			<b>17,473,412</b>			<b>31,248,361</b>	<b>48,721,773</b>	<b>48,703,886</b>	<b>17,887</b>

<sup>1</sup> From sheet F5, rounded off to decimals displayed<sup>2</sup> Fixed Charge = # Customers (Connections) multiplied by 12 (months); Variable Charge = # kW's or kWh's, as applicable (per sheet C1)<sup>3</sup> Rate x Volume

\* Sum of 'Revenue' columns

\*\* From sheet F4 (Gross Base Revenue Requirement)