

Revenue Requirement Calculation

	Dec - 2015	Jan - 2016	Feb - 2016	Mar - 2016	Apr - 2016	May - 2016	Jun - 2016	Jul - 2016	Aug - 2016	Sep - 2016	Oct - 2016	Nov - 2016	Dec - 2016	
<b>10245258-MNGP Extended Power Uprate</b>														
A Plant In-Service (CAA Input)	643,944,985	644,068,564	643,984,072	644,019,927	644,002,631	644,020,565	643,950,993	643,950,993	643,942,589	643,942,036	643,942,036	643,942,036	643,942,036	
B Depreciation Reserve (CAA Input)	91,091,954	94,215,766	97,339,690	100,463,474	103,587,312	106,711,152	109,834,842	112,958,328	116,081,790	119,205,225	122,328,658	125,452,091	128,575,525	
C Accumulated Deferred Taxes (CAA Input)	113,123,196	112,905,521	112,687,846	112,470,171	112,252,496	112,034,821	111,817,146	111,599,471	111,381,796	111,164,121	110,946,446	110,728,771	110,511,096	
D (PIS - Reserve - ADIT)	439,729,835	436,947,277	433,956,536	431,086,281	428,162,823	425,274,592	422,299,006	419,393,195	416,479,004	413,572,691	410,666,932	407,761,174	404,855,416	
<b>E Average Rate Base (Prior Mo + Cur Month)/2</b>		<b>438,338,556</b>	<b>435,451,907</b>	<b>432,521,409</b>	<b>429,624,552</b>	<b>426,718,708</b>	<b>423,786,799</b>	<b>420,846,100</b>	<b>417,936,099</b>	<b>415,025,847</b>	<b>412,119,811</b>	<b>409,214,053</b>	<b>406,308,295</b>	
F Tax Depreciation Expense (CAA Input)		2,336,343	2,336,343	2,336,343	2,336,343	2,336,343	2,336,343	2,336,343	2,336,343	2,336,343	2,336,343	2,336,343	2,336,343	
G Debt Return (Ave RB * Wtd Cost of Debt)	[TRADE SECRET BEGINS]													[TRADE SECRET ENDS]
H Equity Return (Ave RB * Wtd Cost of Equity)	[TRADE SECRET BEGINS]													[TRADE SECRET ENDS]
I Current Income Tax Requirement (See Below)		1,290,264	1,283,848	1,277,198	1,270,727	1,264,209	1,257,550	1,250,843	1,244,301	1,237,757	1,231,236	1,224,717	1,218,197	
J Book Depreciation (CAA Input)		3,123,813	3,123,924	3,123,785	3,123,838	3,123,840	3,123,690	3,123,486	3,123,462	3,123,435	3,123,433	3,123,433	3,123,433	
K Deferred Taxes (CAA Input)		(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	
L Total Revenue Requirement (G+H+I+J+K)		6,833,739	6,810,065	6,785,645	6,761,798	6,737,798	6,713,349	6,688,745	6,664,669	6,640,589	6,616,582	6,592,580	6,568,577	
M Jurisdiction Revenue Requirement (L * SD Jur Factor)		349,964	348,752	347,501	346,280	345,051	343,799	342,539	341,306	340,073	338,843	337,614	336,385	
N Base Rates (Amt for project in 2014 Test Year)		(119,942)	(119,942)	(119,942)	(119,942)	(119,942)	(119,942)	(119,942)	(119,942)	(119,942)	(119,942)	(119,942)	(119,942)	
<b>O Rider Revenue Requirement (M - O)</b>		<b>230,023</b>	<b>228,810</b>	<b>227,560</b>	<b>226,338</b>	<b>225,109</b>	<b>223,857</b>	<b>222,597</b>	<b>221,364</b>	<b>220,131</b>	<b>218,902</b>	<b>217,673</b>	<b>216,443</b>	<b>2,678,808</b>
														Total 2016 Revenue Requirement

Authorized Cap Structure per EL14-058

	Capital Structure	Weighted Cost
Long Term Debt	[TRADE SECRET BEGINS]	
Short Term Debt		
Preferred Stock		
Common Equity		
Required Rate of Return		7.2200%
Tax Rate (SD)		35.0000%
SD Jurisdictional Factor		5.1211%

Current Tax Calculation

Equity Return (Item H)	[TRADE SECRET BEGINS]													[TRADE SECRET ENDS]
Book Depreciation (Item J)		3,123,813	3,123,924	3,123,785	3,123,838	3,123,840	3,123,690	3,123,486	3,123,462	3,123,435	3,123,433	3,123,433	3,123,433	
Deferred Taxes (Item K)		(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	(217,675)	
Less Tax Depreciation (Item F)		(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	(2,336,343)	
Plus CPI-Tax Interest (If Applicable)		0	0	0	0	0	0	0	0	0	0	0	0	
Sum		2,396,205	2,384,288	2,371,939	2,359,922	2,347,816	2,335,450	2,322,994	2,310,844	2,298,691	2,286,581	2,274,474	2,262,367	
Tax Rate (T/(1-T))		53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	
Tax Calc (Sum * Tax Rate)		1,290,264	1,283,848	1,277,198	1,270,727	1,264,209	1,257,550	1,250,843	1,244,301	1,237,757	1,231,236	1,224,717	1,218,197	

CAA = Capital Asset Accounting