

Entergy Louisiana, LLC
2018 Pole Attachment Formula and Calculation for Public Utilities
For the Test Year Ended December 31, 2017

Ln	Description	Ref. [1]	USoFA [2]	A Non-Contra	B Contra-Only	C = A + B Total	Ref. [3]	Notes
1	Net Value Per Bare Pole							Data is input with the same sign as it appears in FERC Form 1. Contra has opposite sign as appears on Company's books.
2	Utility Plant - Electric	200.8.c & WP5	101-106, 114	19,710,948,175	721,739,245	20,432,687,420	2.a.i.	Excludes Account 107. See L14 below
3	Plant Depreciation Reserve - Electric	200.14.c & WP5	108, 110, 111, 115	8,817,224,357	83,367,680	8,900,592,037	2.a.ii.	
4	Electric Plant	L2 + L14 - L3		10,893,723,818	638,371,565	11,532,095,383		
5								
6	Accumulated Deferred Income Taxes							
7	ADIT - Credit	234.8.c	190	2,565,909,365		2,565,909,365		All ADIT is assumed be associated with Column A (Non-Contra plant.)
8	ADIT - Accelerated Amortization Property	273.8.k	281	1,850,594		1,850,594		
9	ADIT - Other Property	275.2.k	282	2,481,572,949		2,481,572,949		
10	ADIT - Other	277.9.k	283	1,385,377,149		1,385,377,149		
11	Accumulated Deferred Income Taxes	- L7 + L8 + L9 + L10		1,302,891,327	-	1,302,891,327	2.a.iii.	
12								
13	Net Plant Investment	L4 - L11		9,590,832,491	638,371,565	10,229,204,056	2.a.iv.	Net Plant excluding CWIP is applied to the Tax Allocations.
14	Construction Work in Progress	200.11.c	107	1,275,308,329		1,275,308,329		Includes all of Account 107, including the portion that accumulates AFUDC
15	Net Plant Investment + CWIP	L13 + L14		10,866,140,820	638,371,565	11,504,512,385		Net Plant + CWIP is only applied to A&G factor calculations per U-34688 6/1/18 Staff Report recommendation
16								
17	Current and Deferred Income Taxes							
18	Taxes Other Than Income	115.14.g	408.1	160,514,749	10,683,958	171,198,707		Column C Total is allocated to Columns A & B based on L13, Net Plant; same as Tax carrying charge.
19	Income Taxes - Federal	115.15.g	409.1	153,710,113		153,710,113		No current or deferred income taxes are associated with Column B.
20	Income Taxes - Other	115.16.g	409.1	(5,219,830)		(5,219,830)		
21	Provision for Deferred Income Taxes	115.17.g	410.1	4,803,922,321		4,803,922,321		
22	Provision for Deferred Income Taxes - Credit	115.18.g	411.1	4,427,152,020		4,427,152,020		
23	2017 Tax Cuts & Jobs Act - Return of Excess ADIT [6]	WP6		243,475,457		243,475,457		WP6 TRAM for return of ADIT due to the 2017 Tax Cuts and Jobs Act Added to Credit
24	Investment Tax Credit	115.19.g	411.4	(4,534,890)		(4,534,890)		
25	Total Current and Deferred Income Taxes	L18 + L19 + L20 + L21 - L22 - L23 + L24		437,764,986	10,683,958	448,448,944	1.f.	
26								
27	Overhead Line Investment [4]							
28	Gross Pole Investment (Acct 364)	WP1	364	500,412,350	140,020,850	640,433,200	2.a.v.	
29	Overhead Conductors and Devices (Acct 365)	WP1	365	771,029,955	127,909,069	898,939,023		
30	Overhead Services (Acct 369.1)	WP1	369.1	291,041,862	35,463,240	326,505,102		Separate sub-accounts to 369 are maintained for overhead and underground.
31	Total Overhead Line Investment [4]	L28 + L29 + L30		1,562,484,167	303,393,158	1,865,877,326		
32								
33	Overhead Distribution Accumulated Reserve [4]							
34	Pole Inventory Accumulated Depreciation	WP1	364	191,339,735	22,152,877	213,492,613	2.a.vii.	
35	Overhead Conductors and Devices	WP1	365	249,097,834	4,945,329	254,043,163		
36	Services	WP1	369.1	208,681,347	10,530,132	219,211,478		
37	Total Overhead Distribution Accumulated Reserve [4]	L34 + L35 + L36		649,118,916	37,628,339	686,747,254		
38								
39	Depreciation Reserve Allocation Factor	L34 / L28		0.3824	0.1582	0.3334	2.a.vi.	
40								
41	Plant Administration Expenses (Electric)	323.197.b	920-931, 935			285,411,971	1.e.	
42								
43	Pole ADIT							
44	Accumulated Deferred Income Taxes	L11		1,302,891,327	-			
45	Utility Plant - Electric	L2		19,710,948,175	721,739,245			
46	ADIT Allocation Factor	L44 / L45		0.0661	-	0.0516	2.a.viii.	Column C is L48 / L47
47	Gross Pole Investment (Acct 364)	L28		500,412,350	140,020,850	640,433,200		
48	Pole ADIT	L46 * L47		33,077,196.77	-	33,077,197	2.a.ix.	Column C total is sum of Columns A & B
49								
50	Net Value of Pole Inventory	L28 - L34 - L48		275,995,418	117,867,972	393,863,391	2.a.x.	
51								
52	Number of Poles	WP2		674,923	46,149	721,072	2.b.i.	
53	Net Value Per Pole	L50 / L52		408.93	2,554.07	546.22	2.b.ii.	
54	Gross Member Factor	WP3		0.72	0.72	0.72		
55	Net Value Per Bare Pole	L53 * L54		295.52	1,845.76	394.74	2.b.iii.	
56								
57	Carrying Charges Per Pole							
58	Administration Charge							
59	Plant Administration Expenses (Electric)	L41		269,574,804	15,837,167		3.a.i.	
60	Net Plant Investment + CWIP	L15		10,866,140,820	638,371,565		3.a.ii.	
61	Administration Carrying Charge	L59 / L60		0.0248	0.0248		3.a.iii.	
62								
63	Maintenance Charge							
64	Total Overhead Line Investment [4]	L31		1,562,484,167	303,393,158		3.b.i.	
65	Depreciation plus ADIT Factors	L39 + L46		0.4485	0.1582		3.b.ii.	
66	Net Overhead Investment	L64 * (1 - L65)		861,766,243	255,392,939		3.b.iii.	
67	Overhead Line Maintenance	322.149.b	593	26,204,540	5,088,230		3.b.iv.	31,292,770 Account 593 amount hard coded on L67 Columns A and B
68	Maintenance Carrying Charge	L67 / L66		0.0304	0.0199		3.b.v.	
69								
70	Depreciation Charge							
71	Pole Depreciation Rate	WP2		0.0322	0.0322		3.c.i.	
72	Gross Pole Investment (Acct 364)	L28		500,412,350	140,020,850		3.c.ii.	
73	Net Value of Pole Inventory	L50		275,995,418	117,867,972		3.c.iii.	
74	Gross to Net Depreciation Adjustment	L72 / L73		1.8131	1.1879		3.c.iv.	
75	Depreciation Carrying Charge	L71 * L74		0.0584	0.0383		3.c.v.	
76								
77	Tax Charge							

Entergy Louisiana, LLC
2018 Pole Attachment Formula and Calculation for Public Utilities
For the Test Year Ended December 31, 2017

Ln	Description	Ref. [1]	USofA [2]	A		B		C = A + B	Ref. [3]	Notes
				Non-Contra	Contra-Only	Non-Contra	Contra-Only			
78	Total Current and Deferred Income Taxes	L25		437,764,986	10,683,958				3.d.i.	
79	Net Plant Investment	L13		9,590,832,491	638,371,565				3.d.ii.	
80	Tax Carrying Charge	L78 / L79		0.0456	0.0167				3.d.iii.	
81										
82	Return on Investment [5]			0.0723	0.0450				3.e.i.	
83										
84	Sum of All Carrying Charges									
85	Administration Carrying Charge	L61		0.0248	0.0248				3.f.i.	
86	Maintenance Carrying Charge	L68		0.0304	0.0199				3.f.ii.	
87	Depreciation Carrying Charge	L75		0.0584	0.0383				3.f.iii.	
88	Tax Carrying Charge	L80		0.0456	0.0167				3.f.iv.	
89	Return on Investment [5]	L82		0.0723	0.0450				3.f.v.	
90	Total Carrying Charges	Sum(L85 to L89)		0.2316	0.1447				3.f.vi.	
91										
92	Annual Cost Per Pole									
93	Net Cost of Bare Pole	L55		295.52	1,845.76				3.g.i.	
94	Total Carrying Charges	L90		0.2316	0.1447				3.g.ii.	
95	Annual Cost Per Pole	L93 * L94		68.43	267.10				3.g.iii.	
96										
97	Maximum Rate									
98	Space Occupied			2.0	2.0				4.i.	
99	Total Usable Space			13.5	13.5				4.ii.	
100	Percentage Use of Usable Space	L98 / L99		0.1481	0.1481				4.iii.	
101	Annual Cost of Pole	L95		68.43	267.10				4.iv.	
102	Maximum Rate Per Attachment	L100 * L101		10.14	39.57				4.v.	
103										
104	Average Pole Attachment Rate									
105	Number of Poles	L52		674,923	46,149	721,072				
106	Average Pole Attachment Rate	(L102 * L105) / (L105 Col C)		9.49	2.53	12.02				

Notes:

- [1] FERC Form 1 reference (Page No., Line No., Column No.) or Work Paper reference
- [2] Uniform System of Accounts
- [3] Reference to sections in Attachment 'A' of LPSC Docket R-26968 Pole Attachment General Order
- [4] Total Plant in Service; excludes the effect of the Contra Asset for securitizations
- [5] Cost of capital from last LPSC rate proceedings and implemented in retail rates. (However, it may not be most recently approved through final LPSC action.)
- [6] FRP Tax Reform Adjustment Mechanism (TRAM)

Entergy Louisiana, LLC
Rate Base - Net Distribution Plant In Service By Account
As Of December 31, 2017

Plant Account	Description	Plant In Service Amount	Accumulated Depreciation Amount	Net Book Value
3601	Land	12,659,464	-	12,659,464
3602	Land Rights	22,722,254	18,018,621	4,703,633
	Total 360	35,381,718	18,018,621	17,363,097
361	Structures and Improvements	49,082,099	14,412,366	34,669,733
	Structures and Improvements - Contra [2]	(2,892,340)	(955,213)	(1,937,127)
		46,189,759	13,457,153	32,732,606
362	Station Equipment	721,509,189	244,574,720	476,934,469
	Station Equipment - Contra [2]	(27,610,367)	(6,703,944)	(20,906,422)
		693,898,822	237,870,775	456,028,047
364	Poles, Towers and Fixtures	640,433,200	213,492,613	426,940,587
	Poles, Towers and Fixtures- Contra [2]	(140,020,850)	(22,152,877)	(117,867,972)
		500,412,350	191,339,735	309,072,615
365	Overhead Conductors & Devices	898,939,023	254,043,163	644,895,860
	Overhead Conductors & Devices- Contra [2]	(127,909,069)	(4,945,329)	(122,963,739)
		771,029,955	249,097,834	521,932,121
366	Underground Conduit	137,927,971	33,459,584	104,468,387
	Underground Conduit - Contra [2]	(2,953,281)	(456,303)	(2,496,978)
		134,974,690	33,003,281	101,971,409
367	Underground Conductors & Devices	211,202,169	69,557,839	141,644,329
	Underground Conductors & Devices - Contra [2]	(11,816,063)	(572,559)	(11,243,504)
		199,386,106	68,985,280	130,400,826
3681	Line Transformers	1,158,777,262	195,125,734	963,651,529
	Line Transformers - Contra [2]	(197,374,198)	(9,523,171)	(187,851,028)
		961,403,064	185,602,563	775,800,501
3691	Overhead Services	326,505,102	219,211,478	107,293,624
	Overhead Services- Contra [2]	(35,463,240)	(10,530,132)	(24,933,108)
		291,041,862	208,681,347	82,360,516
3692	Underground Services	159,866,185	65,870,583	93,995,602
	Underground Services- Contra [2]	(3,812,153)	(523,536)	(3,288,618)
		156,054,032	65,347,047	90,706,985
370	Meters	173,958,378	51,106,404	122,851,974
	Meters - Contra [2]	(12,980,221)	(2,839,605)	(10,140,616)
		160,978,158	48,266,799	112,711,359
371	Installations on Customer Premises	140,673,269	62,500,233	78,173,035
	Installations on Customer Premises - Contra [2]	(13,102,514)	1,311,854	(14,414,367)
		127,570,755	63,812,087	63,758,668
373	Street Lighting & Signal Systems	89,150,816	17,595,857	71,554,959
	Street Lighting & Signal Systems - Contra [2]	(14,975,142)	(1,936,809)	(13,038,333)
		74,175,674	15,659,048	58,516,626
	Unassigned			
	Total Distribution (Net of Contra Securitization)	4,743,406,382	1,458,969,195	3,284,437,188
	Total Distribution Contra Securitization	(590,909,437)	(59,827,625)	(531,081,812)
	Total Distribution Plant	4,152,496,946	1,399,141,570	2,753,355,376

Notes:

[1] Reference FERC Form 1 Pages 207 & 219 for above Plant In Service and Accumulated Depreciation balances respectively.

[2] See FERC Form 1 Notes to Financial Statements. "Contra" assets are a recognition of plant assets on the Company's books for storm repairs incurred as a result of specific major storms (hurricanes) but where those assets were funded by bonds issued by the Louisiana Local Government Environmental Facilities and Community Development Authority ("LCDA"). The LCDA bonds are not on the Company's balance sheet and are an obligation of the LCDA and not an obligation of the Company. To service the bonds, the Company collects a system restoration charge on behalf of the LCDA and remits that charge to the LCDA.

Entergy Louisiana, LLC
TOTAL QUANTITY OF POLES IN ACCOUNT 364
For the Test Year Ended December 31, 2017

Utility Account	Retirement Unit	Activity Quantity	Non- Securitized	Securitized [1]
3640 Poles, Twrs & Fxtrs -Dist	Pole, Concrete: Concrete: DL:Pole	258	258	
3640 Poles, Twrs & Fxtrs -Dist	Pole, Fiberglass: Fiberglass: DL:	122	122	
3640 Poles, Twrs & Fxtrs -Dist	Pole, Metal, 45' & Under: Metal, 4	3,047	3,047	
3640 Poles, Twrs & Fxtrs -Dist	Pole, Metal, 46' To 70': Metal, 46	1,804	1,799	5
3640 Poles, Twrs & Fxtrs -Dist	Pole, Metal, 71' To 95': Metal, 71	245	245	
3640 Poles, Twrs & Fxtrs -Dist	Pole, Metal, 96' And Over: Metal,	30	30	
3640 Poles, Twrs & Fxtrs -Dist	Pole, Wood, 30' & Less: Wood, 30'	98,948	95,783	3,165
3640 Poles, Twrs & Fxtrs -Dist	Pole, Wood, 35': Wood, 35': DL:Po	200,873	193,677	7,196
3640 Poles, Twrs & Fxtrs -Dist	Pole, Wood, 40': Wood, 40': DL:Po	200,642	187,566	13,076
3640 Poles, Twrs & Fxtrs -Dist	Pole, Wood, 45': Wood, 45': DL:Po	135,980	124,574	11,406
3640 Poles, Twrs & Fxtrs -Dist	Pole, Wood, 50' & Above: Wood, 50'	79,123	67,822	11,301
	Total Poles	721,072	674,923	46,149

[1] Based on a 40% depreciation rate each year

Depreciation Rates

Account 364 Poles, Twrs, Fxtrs -Dist Depreciation Rate; FF1 Pg 336-337 Notes Pg 1 & 5 Col e

12/31/2014 was last full year before the ELL/EGSL business combination

The Test Year FF1 has legacy depreciation rates for Acct 364

A total ELA depreciation rates will be determined in the next general rate case.

<u>Composite</u>	<u>EGSL</u>	<u>ELL</u>
633,891,981	227,548,181	406,343,800
0.0322	0.0296	0.0337

Entergy Louisiana, LLC
 Cross-Member Factor Calculation
 For the Test Year Ended December 31, 2017

			Data
Type	Utility Account	Retirement Unit	Sum of Book Cost
Contra	3640 Poles, Twrs & Fxtrs -Dist	Contra Escrow Isaac	(27,680,400)
		Contra Securitization Gustav Ike	(49,131,829)
		Contra Securitization LA	(63,208,621)
	3640 Poles, Twrs & Fxtrs -Dist Total		(140,020,850)
(blank)	3640 Poles, Twrs & Fxtrs -Dist	Anchor: DL:Anchor	37,577,325
		Crossarm: DL:Crossarm	93,056,575
		Foundations, Pole/Structure: Pole/	788,181
		Guy Wire: DL:Guy Wire	40,393,708
		Non-Unitized*	6,541,218
		Platforms, Transformer Mounting: D	3,979,498
		Pole, Concrete: Concrete: DL:Pole	162,155
		Pole, Dressed: Dressed: DL:Poles	17,664
		Pole, Fiberglass: Fiberglass: DL:	641,489
		Pole, Metal, 45' & Under: Metal, 4	1,121,194
		Pole, Metal, 46' To 70': Metal, 46	3,642,106
		Pole, Metal, 71' To 95': Metal, 71	309,253
		Pole, Metal, 96' And Over: Metal,	32,719
		Pole, Wood, 30' & Less: Wood, 30'	34,691,463
		Pole, Wood, 35': Wood, 35': DL:Po	79,369,914
		Pole, Wood, 40': Wood, 40': DL:Po	112,062,936
		Pole, Wood, 45': Wood, 45': DL:Po	114,800,510
Pole, Wood, 50' & Above: Wood, 50'	111,153,165		
	Steel, Towers & Structures: Steel:	92,127	
	3640 Poles, Twrs & Fxtrs -Dist Total		640,433,200
Grand Total			500,412,350

Poles	458,096,695
Acct 364*	633,891,982
Cross Member Discount Factor (CMF)	0.72

Notes:

* Excludes Non-Unitized & RWIP balances

Entergy Louisiana, LLC
Formula Rate Plan
Benchmark Rate of Return on Rate Base
Electric
For the Test Year Ended December 31, 2017

Description	(A) Capital Amount (\$ (1))	(B) Capital Ratio (2)	(C) Cost Rate (3)	(D) Benchmark Rate Of Return On Rate Base (4)
1 Short-Term Debt	1,107,645	0.01%	0.56%	0.00%
2 Long-Term Debt	5,548,472,841	50.88%	4.60%	2.34%
3 Total Debt	5,549,580,485	50.89%		2.34%
4 Preferred Equity	0	0.00%	0.00%	0.00%
5 Common Equity	5,354,744,040	49.11%	9.95%	4.89%
6 Total	10,904,324,526	100.00%		7.23%

NOTES:

- (1) Amounts at the end of the Evaluation Period, except Short-Term Debt which is the 13-month average, as adjusted for refinancing activities that occur prior to implementation of the Evaluation Report. All Long-Term Debt issues shall reflect the balance net of a) unamortized debt discount, premium, and expense; b) gain or loss on reacquired debt; and c) any adjustments required per Attachment C. All Preferred Stock issues shall reflect the balance net of discount, premium and capital stock expense. Common equity and preferred equity shall be adjusted for the net unamortized balance of gains and losses on reacquired preferred stock. Amounts related to Securitization financing will be eliminated.
- (2) Each Capital Amount divided by the Total Capital Amount. However, if the Common Equity Ratio exceeds the weighted average common equity ratio of all five Entergy Operating Companies plus 2%, the Common Equity Capital Amount shall be reduced so that the Common Equity Ratio is equal to the weighted average common equity ratio of all five Entergy Operating Companies plus 2%. Any resulting reduction in the Common Equity Capital Ratios (%) shall then be allocated to Short-Term Debt, Long-Term Debt and Preferred Equity on a pro rata basis based on the corresponding Capital Amounts.
- (3) Annualized cost of Long-Term Debt and Preferred Equity at the end of the Evaluation Period, as adjusted for refinancing activities that occur prior to implementation of the Evaluation Report, divided by the corresponding Capital Amount. The Short-Term Debt Cost Rate is the 13-month average of the Short-Term Debt interest rates on the last day of each month of the Evaluation Period and the immediately preceding December 31. The Long-Term Debt Cost Rate shall include a) annualized amortization of debt discount premium, and expense; b) annualized gain or loss on reacquired debt; and c) any adjustments required per Attachment C. The Common Equity Cost Rate shall be the Evaluation Period Cost Rate for Common Equity (EPCOE) determined in accordance with Attachment E.
- (4) The components of the Benchmark Rate of Return on Rate Base (BRORB) column are the corresponding Cost Rates multiplied by the associated Capital Ratio. The BRORB is the sum of the components so determined and expressed as a percent to two decimal places (XX.XX%).

Entergy Louisiana, LLC
Securitization Debt Rate

Format this worksheet to print both areas (securitization too)

For the Test Year Ended December 31, 2017

		Securitized Plant	Yield Rate	Weighted Amount
Katrina/Rita	ELL FSC	697	5.79%	4.16%
	EGS FSC	274	6.00%	1.69%
		971		5.85%
				2.87%
Gustav/Ike	ELL FSC-II	460	3.30%	2.17%
	EGS FSC-II	238	3.32%	1.13%
		698		3.30%
				1.17%
Isaac	ELL FSC-III	237	2.96%	2.29%
	EGS FSC-III	70	2.86%	0.65%
		307		2.93%
				0.46%
	ELL FSC	1,394	4.48%	
	EGS FSC	582	4.52%	
Total		1,976	4.50%	4.50%

Entergy Louisiana, LLC
Total Securitization - Plant in Service

Month	Securitization	Book Cost	Allocated Reserve	Net Book Value
12/2017	Gustav/Ike	218,433,066	35,520,253	182,912,813
	Isaac	151,110,730	(28,030,800)	179,141,530
	Katrina/Rita	352,195,449	75,878,227	276,317,222
12/2017 Total		721,739,245	83,367,680	638,371,565

**Entergy Louisiana, LLC
Formula Rate Plan Rider Schedule FRP
Tax Reform Adjustment Mechanism Formula
For the Period ended December 31, 2017**

Ln No.	Description	Amount	Reference
<u>TITLE</u>			
1	Protected Excess ADIT Give-Back	(71,995,060)	
2	Offsetting Revenue Requirement Increase	1,475,126	
3	Net Protected Give-Back ⁽¹⁾	(70,519,934)	Sum of Lines 1-2
4	Unprotected Excess ADIT Give-Back	(170,019,748)	
5	Offsetting Revenue Requirement Increase	6,321,438	
6	Net Unprotected Give-Back ⁽²⁾	(163,698,309)	Sum of Lines 4-5
7	MSS-4 Effects of Unprotected Give-Back ⁽³⁾	(9,257,214)	
8	Net TRAM Amount ⁽⁴⁾	(243,475,457)	Sum of Lines 3, 6 and 7

Notes:

⁽¹⁾ Reference page 8.2

⁽²⁾ Reference page 8.3

⁽³⁾ Reference page 8.10

⁽⁴⁾ Value includes gross-up for taxes and revenue related expenses as well as retail allocation factor.