



Control Number: 44019



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CENTERPOINT ENERGY
TRANSMISSION CONSTRUCTION PROJECTS
January 2015

Public Utility Commission of Texas
Project No. 44019

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Planned Completion	Date Completed	Final Project Cost (\$)	Initial Project Cost (\$)	Initial Transmission Substation Cost (\$)	Initial Substation Cost (\$)	Initial Line Cost (\$)	Initial Total Cost (\$)	Percent Complete	Existing Voltage (kV)	Upgrade or New Voltage (kV)	Critical Length (Miles)	Conductor Type & Size & Building	Structure Type(s)	Existing ROW Length (Miles)	Existing ROW Width (Feet)	New ROW Length (Miles)	New ROW Width (Feet)	Comments	
708	138 kV Springdale Project (S148 Extension @ S145 and S146 Extension @ S145 and S147 Extension @ S145 and S148 Extension @ S145)	Harris, Montgomery	Construct a new double-circuit 138 kV transmission line by TCOOT for highway construction.	06/20/13	07/24/14	04/23/14	\$1,445,000	\$1,445,000	\$1,445,000	\$1,445,000	\$1,445,000	\$1,445,000	90%	N/A	138	0.00	2-660.8 ACSS	Steel Towers	N/A	N/A	30.40	3.00	400.00	Construction complete. CEN Red information submitted on 8/1/14.
825	S148 Extension @ S145 (Rockledge-Rivers Trail)	Harris	Alteration of 345 kV Cols. 764 and 788 as requested by TCOOT for highway construction.	06/20/13	02/26/15	02/16/14	N/A	\$7,341,000	N/A	\$7,341,000	N/A	\$7,341,000	90%	345	N/A	2.12	2-1550 ACSS	Steel Towers	1.00	N/A	N/A	N/A	25.10 (0.68)F	CEN to be paid by TCOOT. No O&M information required. No segment fee outside of the existing ROW.
825.1	S148 Extension @ S145 (Rockledge-Rivers Trail)	Harris	Alteration of 345 kV Cols. 764 and 788 as requested by TCOOT for highway construction.	06/20/13	02/26/15	02/16/14	N/A	\$5,340,000	N/A	\$5,340,000	N/A	\$5,340,000	90%	345	N/A	1.48	2-1550 ACSS	Steel Towers	1.00	N/A	N/A	N/A	25.10 (0.68)F	CEN to be paid by TCOOT. No O&M information required. No segment fee outside of the existing ROW.
810	Valencia-SURFS	Freeston, Brazoria	Relabel, Reconstruct, Relocate, and Upgrade of 69 kV Cols. 100 to 138 kV.	06/20/13	06/20/15	06/20/15	N/A	\$18,700,000	N/A	\$18,700,000	N/A	\$18,700,000	90%	69	138	2.47	4-660.8 ACSS	Concrete Poles, Steel Towers	2.47	N/A	N/A	N/A	25.10 (0.68)F	Construction complete. CEN Red information submitted on 8/1/14.
811.1	Jordan Substation	Mont Belvieu, Chambers	138 kV and 345 kV services to Jordan Substation. Cols. 800, 801, and 802.	06/20/13	12/14/14	12/14/14	N/A	\$7,387,000	N/A	\$7,387,000	N/A	\$7,387,000	90%	138	N/A	2.32	2-660.8 ACSS	Steel Towers	0.38	3-100	0.81	N/A	25.10 (0.68)F	Construction complete. CEN Red information submitted on 8/1/14.
860	SEADOC Substation	Freeston, Brazoria	138 kV service to SEADOC Substation with one phase of 345 kV service to SEADOC Substation. Cols. 100, 101, and 102.	06/16/13	02/20/15	01/29/14	N/A	\$1,685,000	N/A	\$1,685,000	N/A	\$1,685,000	90%	138	N/A	0.37	2-660.8 ACSS	Steel Towers	0.37	70-134	0.04	N/A	25.10 (0.68)F	Actual cost to be paid by TCOOT. No O&M information required. No segment fee outside of the existing ROW.
862	LMGSTN Substation	Mont Belvieu, Chambers	138 kV service to LMGSTN Substation with one phase of 345 kV service to LMGSTN Substation. Cols. 100, 101, and 102.	06/16/13	02/20/15	04/09/14	N/A	\$671,000	N/A	\$671,000	N/A	\$671,000	90%	138	N/A	0.04	2-660.8 ACSS	Steel Towers	N/A	N/A	70-140	0.47	25.10 (0.68)F	Actual cost to be paid by TCOOT. No O&M information required. No segment fee outside of the existing ROW.
824	138 kV Oyster Creek Project	Freeston, Brazoria	Construct a new double-circuit 138 kV transmission line.	06/20/13	06/20/15	06/20/15	N/A	\$18,700,000	N/A	\$18,700,000	N/A	\$18,700,000	90%	69	138	2.47	4-660.8 ACSS	Concrete Poles	N/A	N/A	30.40	3.00	400.00	Construction complete. CEN Red information submitted on 8/1/14.
847	Mont Belvieu, Westside Move	Mont Belvieu, Chambers	Relocation of portions of 69 kV Cols. 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.	Mont Belvieu, Chambers	Relocation of portions of 69 kV Cols. 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.	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Mont Belvieu, Chambers	Relocation of portions of 69 kV Cols. 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563,															

Utility Project Number	Project Name	Location (City/Country)	Description	Estimated (in Actual) Start Date	Finish Date (in Actual) End Date	Final Aduant Project Cost (\$)	Initial Estimated Project Cost (\$)	Percent Complete	Existing Voltage (KV)	Circuit Length (Mile)	Conductor Type & Bundling	Structure Type(s)	Existing ROW (Length) (Feet)	New ROW (Width) (feet)	New ROW Right-of-Way (Miles)	Rule Section or OAC Control Number	Comments	
868	Angleton-STRAIT	Angleton, Brazoria	Modification of 138 KV Ckt. 20C and ECL for maintaining the clearance mile of Ckt. 10A and 10A.	09/09/14	09/09/14	\$364,000	N/A	90%	138	N/A	877.2 AACR	Steel Towers	80-151	11.85	N/A	NA	No O&S information required - No segment has outside of the existing ROW	
614	Fry Road Substation	Harris	138 KV service to Fry Road Substation with one mile of Ckt. 10A and 10A.	04/02/15	11/20/14	N/A	N/A	80%	138	N/A	795 AAC	Concrete Poles	355	0.03	N/A	NA	No O&S information required - No segment has outside of the existing ROW	
862	Venettia Corner Trussing	Houston, Harris	Panther Relabel and Panther Reconductors of 138 KV Ckt. 60D	03/02/15	03/02/15	\$9,440,000	N/A	95%	138	N/A	2,468.6 ACSS	Concrete Poles, Steel Towers	104-500	7.25	N/A	NA	No O&S information required - No segment has outside of the existing ROW	
891	Cedar Bluffs-Cameron City-Highway Barron, Morello, Houston, Chambers, San-JH, Wharton	Harris	Modification of 68 KV Ckt. 97C, 97E, and 97F for maintaining the clearance mile of Ckt. 10A and 10A.	03/02/15	03/02/15	\$4,497,241	N/A	95%	345	N/A	3,469.6 ACSS, 2,143.6 ACSS	Concrete Poles, Steel Towers	104-506	48.99	N/A	NA	No O&S information required - No segment has outside of the existing ROW	
2014.3	Flower-Peters	Sandy, San Felipe, Brown County, Brookshire, Brookshire, Waller, Austin	Routine maintenance of 138 KV Ckt. 25E of City of Cameron.	05/20/15	10/04/14	\$722,000	N/A	95%	138	N/A	795 AAC	Steel Towers, Wood H-Towers	80-152, 26-57	26.57	N/A	NA	No O&S information required - No segment has outside of the existing ROW	
885	Star Street Substation	Galveston, Galveston	Relocation of a portion of 138 KV Ckt. 40C at the request of City of Galveston.	02/28/15	12, 17 / 14	\$2,468,000	N/A	95%	138	N/A	2000 AAC	Concrete Poles	Street, Substation Property	1.37	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
853.3	Fort Bend-Blossington	Rosenberg, Fort Bend	Panther Upgrade of 68 KV Ckt. 48B to 138 KV Panther Upgrade of 68 KV Ckt. 48B with one mile of Ckt. 10E	04/02/14	10/30/14	\$1,913,000	N/A	90%	69	138	2,469.6 ACSS	Concrete Poles	Street, Substation Property	0.5	0.11	N/A	25, 101(16)(5)(A), 25, 101(16)(5)(B)	No O&S information required - No segment has outside of the existing ROW
853.4	Ochard-Rosenburg	Rosenburg, Fort Bend	138 KV Panther Relabel and Panther Reconductors of 68 KV Ckt. 48B	03/30/15	12/06/14	\$1,666,000	N/A	90%	69	138	2,469.6 ACSS	Concrete Poles, Steel Towers	104-200, Street, Substation Property	0.76	0.27	N/A	NA	No O&S information required - No segment has outside of the existing ROW
671	METRO Burnet at Main	Houston, Harris	Alteration of 138 KV Ckt. 21B as requested by METRO for railway and Panther Upgrade of 68 KV Ckt. 47C to 138 KV	03/30/15	2/27,27 / 14	\$698,000	N/A	90%	138	N/A	2000 AAC	Concrete Poles	Street	0.47	N/A	NA	NA	COAG to be paid by METRO. No O&S information required - No segment has outside of the existing ROW
910.5	CHINA-SURFS (Phase 2)	Freeport, Brazoria	Upgrade of 68 KV Ckt. 47C to 138 KV	04/06/15	10/06/14	\$3,554,000	N/A	74%	69	138	2,469.6 ACSS	Steel Poles	50-220,	0.37	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
862.1	Trussing Corner-Humble	Houston, Humble, Harris	Panther Relabel and Panther Reconductors of 68 KV Ckt. Ckt. 60D	03/11/15	10/13/14	\$10,832,000	N/A	80%	138	N/A	2,469.6 ACSS	Steel Towers, Concrete Poles, Steel Poles	60-300, 60-300, Substation Property	6.58	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
678	Shaperson Tap	Houston, Harris	Panther Relabel and Panther Reconductors of 138 KV Ckt. 60D	06/30/15	06/30/15	\$5,398,000	N/A	0%	138	N/A	795 AAC	Concrete Poles, Steel Poles	Street	2.67	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
671.1	Burned Street Substation	Houston, Harris	Panther Relabel of 138 KV Ckt. 25A Expansion of 138 KV Ckt. 25A	03/30/15	12/23/14	\$156,000	N/A	95%	138	N/A	2000 AAC	Steel Poles	Street	0.20	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
885.1	MALU-Midlander	Other Local, Webster, Harris	Panther Relabel of 138 KV Ckt. 60D	07/30/16	12/10/14	\$4,566,000	N/A	70%	138	N/A	2,795 ACSS, 2,795 AAC	Concrete Poles, Concrete Poles	104-470, Substation Property	3.99	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
902	Elliott-Substation	Houston, Harris	138 KV service to Elliott Substation within one mile of Ckt. 10K, 07A, and 31A.	06/30/15	07/07/13	\$345,000	N/A	0%	138	N/A	795 AAC	Concrete Poles	Substation Property	0.10	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
916	LJ Parkway Relocation	Sugar Land, Fort Bend	Relocation of a portion of 138 KV Ckt. 00A and 03AA at the request and expense of Sugar Land Ranch Development, LLC	05/16/15	05/16/15	\$301,200	N/A	0%	138	N/A	2,795 AAC	Concrete Poles	525	0.44	N/A	NA	Actual cost to be paid by Sugar Land development. No O&S information required - No segment has outside of the existing ROW	
2014.4	Weed-Galveston-P.H. Robinson	Texas City, League City, Santa Fe, Hitchcock La Marque, Galveston, Galveston	Routine maintenance of 138 KV Ckt. 99B Panther Upgrade of 68 KV Ckt. 46A to 138 KV Panther Reconductors of 68 KV Ckt. 46A as well as an existing transmission line, all of which are owned by the City of Galveston 138 KV service to Fort Band Substation with one mile of Ckt. 46A and 00C	12/16/15	01/06/15	\$469,000	N/A	0%	138	N/A	44.40	Concrete Poles, Concrete Poles	100-200, Substation Property	44.40	N/A	NA	NA	Actual cost to be paid by
885.5	Flower-STRAIT	Fort Bend	138 KV service to Flower Substation within one mile of Ckt. 10K, 07A, and 31A.	01/06/15	01/06/15	\$209,000	N/A	0%	69	138	6.88	Concrete Poles	100-200, Substation Property	0.88	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
880	Harris-Blossington	Houston, Harris	Panther Relabel of 138 KV Ckt. 60C	05/16/15	05/16/15	\$1,700,000	N/A	0%	138	N/A	7.43	Concrete Poles, Concrete Poles	50-150, Substation Property	7.43	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
881	T.H. Webster-Panthers	Houston, Harris	Panther Relabel and Panther Reconductors of 138 KV Ckt. 81C	01/07/15	07/30/15	\$2,820,000	N/A	0%	138	N/A	2,669.6 ACSS	Concrete Poles, Concrete Poles	110-216, Substation Property	3.63	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
896	Venettia-DOWN	Freeport, Brazoria	Panther Relabel and Panther Reconductors of 138 KV Ckt. 82D	07/07/15	07/07/15	\$1,703,000	N/A	0%	138	N/A	1.87	Steel Towers	110-216, Substation Property	0.84	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
900	Redwood Substation	Harris	138 KV service to Redwood Substation within one mile of Ckt. 70A and 70B	05/02/15	05/02/15	\$2,186,000	N/A	0%	345	N/A	2,150 AACR	Steel Poles	Substation Property	0.08	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
902	Alexander Interco Substation	Harris	138 KV service to Alexander Interco Substation within one mile of Ckt. 40A and 40B	05/03/15	05/03/15	\$325,000	N/A	0%	138	N/A	795 AAC	Concrete Poles	200-200, Substation Property	0.11	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
901	Foster Street Relocation	Houston, Harris	Alteration of 138 KV Ckt. 40A, 40B, 40C, 40D, 40E, 40F, 40G, 40H, 40I, 40J, 40K, 40L, 40M, 40N, 40O, 40P, 40Q, 40R, 40S, 40T, 40U, 40V, 40W, 40X, 40Y, 40Z, 40AA, 40AB, 40AC, 40AD, 40AE, 40AF, 40AG, 40AH, 40AI, 40AJ, 40AK, 40AL, 40AM, 40AN, 40AO, 40AP, 40AQ, 40AR, 40AS, 40AT, 40AU, 40AV, 40AW, 40AX, 40AY, 40AZ, 40BA, 40BB, 40BC, 40BD, 40BE, 40BF, 40BG, 40BH, 40BI, 40BJ, 40BK, 40BL, 40BM, 40BN, 40BO, 40BP, 40BQ, 40BR, 40BS, 40BT, 40BU, 40BV, 40BW, 40BX, 40BY, 40BZ, 40CA, 40CB, 40CC, 40CD, 40CE, 40CF, 40CG, 40CH, 40CI, 40CJ, 40CK, 40CL, 40CM, 40CN, 40CO, 40CP, 40CQ, 40CR, 40CS, 40CT, 40CU, 40CV, 40CW, 40CX, 40CY, 40CZ, 40DA, 40DB, 40DC, 40DD, 40DE, 40DF, 40DG, 40DH, 40DI, 40DJ, 40DK, 40DL, 40DM, 40DN, 40DO, 40DP, 40DQ, 40DR, 40DS, 40DT, 40DU, 40DV, 40DW, 40DX, 40DY, 40DZ, 40EA, 40EB, 40EC, 40ED, 40EE, 40EF, 40EG, 40EH, 40EI, 40EJ, 40EK, 40EL, 40EM, 40EN, 40EO, 40EP, 40EQ, 40ER, 40ES, 40ET, 40EU, 40EV, 40EW, 40EX, 40EY, 40EZ, 40FA, 40FB, 40FC, 40FD, 40FE, 40FF, 40FG, 40FH, 40FI, 40FJ, 40FK, 40FL, 40FM, 40FN, 40FO, 40FP, 40FQ, 40FR, 40FS, 40FT, 40FU, 40FV, 40FW, 40FX, 40FY, 40FZ, 40GA, 40GB, 40GC, 40GD, 40GE, 40GF, 40GG, 40GH, 40GI, 40GJ, 40GK, 40GL, 40GM, 40GN, 40GO, 40GP, 40GQ, 40GR, 40GS, 40GT, 40GU, 40GV, 40GW, 40GX, 40GY, 40GZ, 40HA, 40HB, 40HC, 40HD, 40HE, 40HF, 40HG, 40HH, 40HI, 40HJ, 40HK, 40HL, 40HM, 40HN, 40HO, 40HP, 40HQ, 40HR, 40HS, 40HT, 40HU, 40HV, 40HW, 40HX, 40HY, 40HZ, 40IA, 40IB, 40IC, 40ID, 40IE, 40IF, 40IG, 40IH, 40II, 40IJ, 40IK, 40IL, 40IM, 40IN, 40IO, 40IP, 40IQ, 40IR, 40IS, 40IT, 40IU, 40IV, 40IW, 40IX, 40IY, 40IZ, 40JA, 40JB, 40JC, 40JD, 40JE, 40JF, 40JG, 40JH, 40JI, 40JJ, 40JK, 40JL, 40JM, 40JN, 40JO, 40JP, 40JQ, 40JR, 40JS, 40JT, 40JU, 40JV, 40JW, 40JX, 40JY, 40JZ, 40KA, 40KB, 40KC, 40KD, 40KE, 40KF, 40KG, 40KH, 40KI, 40KJ, 40KK, 40KL, 40KM, 40KN, 40KO, 40KP, 40KQ, 40KR, 40KS, 40KT, 40KU, 40KV, 40KW, 40KX, 40KY, 40KZ, 40LA, 40LB, 40LC, 40LD, 40LE, 40LF, 40LG, 40LH, 40LI, 40LJ, 40LK, 40LL, 40LM, 40LN, 40LO, 40LP, 40LQ, 40LR, 40LS, 40LT, 40LU, 40LV, 40LW, 40LX, 40LY, 40LZ, 40MA, 40MB, 40MC, 40MD, 40ME, 40MF, 40MG, 40MH, 40MI, 40MJ, 40MK, 40ML, 40MN, 40MO, 40MP, 40MQ, 40MR, 40MS, 40MT, 40MU, 40MV, 40MW, 40MX, 40MY, 40MZ, 40NA, 40NB, 40NC, 40ND, 40NE, 40NF, 40NG, 40NH, 40NI, 40NJ, 40NK, 40NL, 40NM, 40NO, 40NP, 40NQ, 40NR, 40NS, 40NT, 40NU, 40NV, 40NW, 40NX, 40NY, 40NZ, 40OA, 40OB, 40OC, 40OD, 40OE, 40OF, 40OG, 40OH, 40OI, 40OJ, 40OK, 40OL, 40OM, 40ON, 40OO, 40OP, 40OQ, 40OR, 40OS, 40OT, 40OU, 40OV, 40OW, 40OX, 40OY, 40OZ, 40PA, 40PB, 40PC, 40PD, 40PE, 40PF, 40PG, 40PH, 40PI, 40PJ, 40PK, 40PL, 40PM, 40PN, 40PO, 40PP, 40PQ, 40PR, 40PS, 40PT, 40PU, 40PV, 40PW, 40PX, 40PY, 40PZ, 40QA, 40QB, 40QC, 40QD, 40QE, 40QF, 40QG, 40QH, 40QI, 40QJ, 40QK, 40QL, 40QM, 40QN, 40QO, 40QP, 40QQ, 40QR, 40QS, 40QT, 40QU, 40QV, 40QW, 40QX, 40QY, 40QZ, 40RA, 40RB, 40RC, 40RD, 40RE, 40RF, 40RG, 40RH, 40RI, 40RJ, 40RK, 40RL, 40RM, 40RN, 40RO, 40RP, 40RQ, 40RR, 40RS, 40RT, 40RU, 40RV, 40RW, 40RX, 40RY, 40RZ, 40SA, 40SB, 40SC, 40SD, 40SE, 40SF, 40SG, 40SH, 40SI, 40SJ, 40SK, 40SL, 40SM, 40SN, 40SO, 40SP, 40SQ, 40SR, 40SS, 40ST, 40SU, 40SV, 40SW, 40SX, 40SY, 40SZ, 40TA, 40TB, 40TC, 40TD, 40TE, 40TF, 40TG, 40TH, 40TI, 40TJ, 40TK, 40TL, 40TM, 40TN, 40TO, 40TP, 40TQ, 40TR, 40TS, 40TT, 40TU, 40TV, 40TW, 40TX, 40TY, 40TZ, 40UA, 40UB, 40UC, 40UD, 40UE, 40UF, 40UG, 40UH, 40UI, 40UJ, 40UK, 40UL, 40UM, 40UN, 40UO, 40UP, 40UQ, 40UR, 40US, 40UT, 40UU, 40UV, 40UW, 40UX, 40UY, 40UZ, 40VA, 40VB, 40VC, 40VD, 40VE, 40VF, 40VG, 40VH, 40VI, 40VJ, 40VK, 40VL, 40VM, 40VN, 40VO, 40VP, 40VQ, 40VR, 40VS, 40VT, 40VU, 40VV, 40VW, 40VX, 40VY, 40VZ, 40WA, 40WB, 40WC, 40WD, 40WE, 40WF, 40WG, 40WH, 40WI, 40WJ, 40WK, 40WL, 40WM, 40WN, 40WO, 40WP, 40WQ, 40WR, 40WS, 40WT, 40WU, 40WV, 40WW, 40WX, 40WY, 40WZ, 40XA, 40XB, 40XC, 40XD, 40XE, 40XF, 40XG, 40XH, 40XI, 40XJ, 40XK, 40XL, 40XM, 40XN, 40XO, 40XP, 40XQ, 40XR, 40XS, 40XT, 40XU, 40XV, 40XW, 40XX, 40XY, 40XZ, 40YA, 40YB, 40YC, 40YD, 40YE, 40YF, 40YG, 40YH, 40YI, 40YJ, 40YK, 40YL, 40YM, 40YN, 40YO, 40YP, 40YQ, 40YR, 40YS, 40YT, 40YU, 40YV, 40YW, 40YX, 40YY, 40YZ, 40ZA, 40ZB, 40ZC, 40ZD, 40ZE, 40ZF, 40ZG, 40ZH, 40ZI, 40ZJ, 40ZK, 40ZL, 40ZM, 40ZN, 40ZO, 40ZP, 40ZQ, 40ZR, 40ZS, 40ZT, 40ZU, 40ZV, 40ZW, 40ZX, 40ZY, 40ZZ	CMC to be paid by Harris County Flood control. No O&S information required - No segment has outside of the existing ROW														
901.5	Waller-METRO	Waller, Lamar City, Brazoswood, Abilene, Houston, Galveston, Brazoswood	Routine maintenance of 138 KV Ckt. 10A	02/16/15	02/16/15	\$36,000	N/A	0%	138	N/A	795 AAC	Concrete Poles	Street	0.11	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
903.8	Fort Bend Substation	Rosenburg, Fort Bend	68 KV service to Fort Bend Substation within one mile of Ckt. 10A and 10A	02/02/16	02/02/16	\$36,000	N/A	0%	138	N/A	28.20	Concrete Poles, Steel Poles	100-200, Substation Property	28.20	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
886	RANGER Substation	Harris	138 KV service to RANGER Substation within one mile of Ckt. 10A and 10A	08/02/15	08/02/15	\$430,000	N/A	0%	69	N/A	0.10	Wood Poles	Substation Property	0.10	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
905	Hegarty-White Oak	Houston, Harris	Relabel and Reconductors of 68 KV Ckt. 24A, Panther Relabel of 68 KV Ckt. 34B and 138 KV Ckt. 75E	02/02/15	02/02/15	\$699,000	N/A	0%	138	N/A	0.06	Concrete Poles	150	0.02	N/A	0.04	25, 101(16)(3)(A), 25, 101(16)(3)(B)	No O&S information required - No segment has outside of the existing ROW
917	ALCANE Substation	La Porte, Harris	138 KV service to ALCANE Substation within one mile of Ckt. 10A and 10A	02/02/15	02/02/15	\$2,797,000	N/A	0%	69	N/A	6.51	Concrete Poles, Steel Poles	30-170, Substation Property	4.42	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
926	Elia Boulevard Substation	Houston, Harris	Alteration of 68 KV Ckt. 20A as requested by City of Houston for railway connection	02/02/15	07/30/15	\$1,975,000	N/A	0%	138	N/A	0.26	Wood Poles	10	0.20	21-120	0.08	25, 101(16)(3)(A), 25, 101(16)(3)(B)	No O&S information required - No segment has outside of the existing ROW
2014.5	Valence-Freemore (Phase 2)	Freeport, Brazoria	Upgrade of 68 KV Ckt. 47B to 138 KV Substation and Reconductors of 68 KV Ckt. 47B	01/16/15	01/16/15	\$165,000	N/A	0%	69	N/A	795 AAC	Concrete Poles	Street	0.09	N/A	NA	NA	No O&S information required - No segment has outside of the existing ROW
910.15	B.O. Grinde-Webster	Houston, Harris	Panther Relabel and Panther Reconductors of 138 KV Ckt. 99B Panther Upgrade of 68 KV Ckt. 46A to 138 KV Panther Reconductors of 68 KV Ckt. 46A as well as an existing transmission line, all of which are owned by the City of Galveston 138 KV service to Fort Band Substation with one mile of Ckt. 46A and 00C	12/16/15	01/06/15	\$13,281,000	N/A	0%	138	N/A	2.27	Concrete Poles	Street	0.70	70-100	0.37	25, 101(16)(3)(A), 25, 101(16)(3)(B)	No O&S information required - No segment has outside of the existing ROW
910.16	B.O. Grinde-Webster	Houston, Harris	Panther Relabel and Panther Reconductors of 138 KV Ckt. 99B Panther Upgrade of 68 KV Ckt. 46A to 138 KV Panther Reconductors of 68 KV Ckt. 46A as well as an existing transmission line, all of which are owned by the City of Galveston 138 KV service to Fort Band Substation with one mile of Ckt. 46A and 00C	12/16/15	01/06/15	\$13,281,000	N/A	0%	138	N/A	2.27	Concrete Poles	Street	0.70	70-100	0.37	25, 101(16)(3)(A), 25, 101(16)(3)(B)	No O&S information required - No segment has outside of the existing ROW
910.17	B.O. Grinde-Webster	Houston, Harris	Panther Relabel and Panther Reconductors of 138 KV Ckt. 99B Panther Upgrade of 68 KV Ckt. 46A to 138 KV Panther Reconductors of 68 KV Ckt. 46A as well as an existing transmission line, all of which are owned by the City of Galveston 138 KV service to Fort Band Substation with one mile of Ckt. 46A and 00C	12/16/15	01/06/15	\$13,281,000	N/A	0%	138	N/A	2.27	Concrete Poles	Street	0.70	70-100	0.37	25, 101(16)(3)(A), 25, 101(16)(3)(B)	No O&S information required - No segment has outside of the existing ROW

AFFIDAVIT OF CONSENT AND NOTICE

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

My name is Michael J. Pakeltis. I am employed by CenterPoint Energy Houston Electric, LLC (CenterPoint Energy) as the Director of the Transmission Operations Department. In this capacity, I am a duly authorized agent for CenterPoint Energy. I am of legal age, a resident of the State of Texas, County of Fort Bend, and competent to make this Affidavit.

P.U.C. Subst. R. 25.83(c)(2) requires that proof of written consent be submitted in the form of an affidavit when consent of landowners is required pursuant to P.U.C. Subst. R. 25.101(c)(5). P.U.C. Subst. R. 25.83(c)(3)(A) requires that proof of notice be submitted in the form of an affidavit when direct mail notice is sent pursuant to P.U.C. Subst. R. 25.83(c)(3) to each required entity. Project No. 810.6 (Velasco-Freeport [Phase 2]) is being submitted in the Construction Progress Report for July 2014 in accordance with P.U.C. Subst. R. 25.101(c)(5)(B). CenterPoint Energy has obtained the written consent of "all landowners of property crossed by the electric facilities", and CenterPoint Energy has provided direct mail notice to the required entities.

The facts as related in this affidavit are true and correct within Affiant's personal knowledge and belief.



Michael J. Pakeltis
Director, Transmission Operations Department
CenterPoint Energy

Sworn to and subscribed before me this 13th day of January, 2015.



Notary Public, State of Texas
My Commission Expires: 07-27-2018

