

Feeder Ties - miles of new lines constructed in 2020, 2021, and 2022 and actual or projected annual expenditures

Year	Circuit Miles Constructed (2020 & 2021) or Projected (2022)	Actual CapEX Cost (2020 & 2021) or Projected Cost (2022)
2020	4.12	\$ 1,633,472
2021	7.80	\$ 4,868,764
2022	22.23	\$ 16,443,596

(includes reconductoring of existing small wire radials if in the path of feeder tie)

Estimated Plan Year	Contruccion Completion Year	Team	Feeder 1	Feeder 2	Work Type	Work Description	New Cond	Circuit Footage	Circuit Miles	WO	Estimated Cost	Actuals			Total
												CapEx	Removals	O&M	
2019	2020	432	K675	K674	New Conductor/Reconductor	8085877 to 5328938	795 AAC	4,100	0.78	31259274	\$ 282,000	\$ 331,635	\$ 4,936	\$ 4,267	\$ 340,838
2019	2020	432	K675		Reconductor	5328938 to 7587512 (required to support K675/K674 tie project)	795 AAC	6,400	1.21	31259501	\$ 440,000	\$ 146,755	\$ 89,907	\$ 1,797	\$ 238,459
2021	2022	198	W0598	W0597	New Conductor (UG)	System Capacity (Curry Ford W0598 Extension	1000 kcmil	6,000	1.14	27991053	\$ 703,000				
2022	Targeted for 2022	210	X99	X96	New Conductor (UG)	Bore from 8130107 to 4916559	1000 kcmil	7,370	1.40	41001251	\$ 744,370				
2021	INPROG	212	A73	A72	New Conductor/Reconductor	Pole 428454 to Pole 6283308	795 AAC	5,544	1.05	38267234	\$ 240,000				
2021	2022	216	C4997	C4991	New Conductor (UG)	System Capacity (Curlew 254742 to B108515)	1000 kcmil	4,500	0.85	40802349	\$ 475,000				
2021	2022	216	C4997		New Conductor	System Capacity (Curlew C4997 feeder exit to pole B84356.)	795 AAC	2,500	0.47	40802228	\$ 250,000				
2020	2020	516	C755		Reconductor	Reconductor along Tampa Rd from Palm Harbor Blvd to Orange St. from Alt 19 to	795 AAC	2,300	0.44	32856090	\$ 158,700	\$ 225,441	\$ 118,913	\$ 29,345	\$ 373,699
2020	2021	516	C755		New Conductor (UG)	Reconductor and extend feeder along Orange St from Tampa Rd south back to Palm Harbor Blvd.	795AAC/1000 k	5,350	1.01	32856201	\$ 369,150	\$ 676,070	\$ 1,698	\$ 1,940	\$ 679,709
2022	Targeted for 2022	231	A285	A286	New Conductor	From 5588447, cross road, then to 446585966	795 AAC	675	0.13	TBD	\$ 125,550				
2022	Targeted for 2022	231	A284	A285	New Conductor	From 458577 to intersection of N Ottawa Ave & West Olympia St. Smallworld ID 438270563 to pole 8033115 & from 438447186 to 438203304 (required to support C4009/C4000 feeder tie. C4000 is double-circuited with C4007 so C4007 also had to be reconducted for this section of feeder)	795 AAC	550	0.10	TBD	\$ 102,300				
2020	2021	519	C4000/C4007		Double-Circuit Reconductor		795 AAC	4,850	0.92	33132741	\$ 245,000	\$ 570,001	\$ -	\$ -	\$ 570,001
2021	INPROG	250	X284	X287	New Conductor	X284/X287 feeder tie at SW 4613692 for new RCL N250-5	795 AAC	40	0.01	37955739	\$ 32,700				
2021	INPROG	250	X286	X284	New Conductor	X286/X284 feeder tie at SW X3127 for new RCL N250-6	795 AAC	160	0.03	40562701	\$ 40,900				
2021	2022	256	J405	J406	New Conductor (UG)/Recon	Install 335' of 1000 kcmil from 4531213 to 4531233, reconductor 3643' from 181129 to 4531724	1000 kcmil	3,978	0.75	37897195	\$ 287,367				
2022	Targeted for 2022	261	J5030	J5038	New Conductor/Reconductor	pole 4506546 to pole B127353 and pole 2500324 to pole 4506546	795 AAC	2,848	0.54	38431302	\$ 453,042				
2020	2020	519	C4009		Reconductor	Smallworld ID 438502740 to 438446994 (required to support C4009/C4000 feeder tie)	336 AAC	2,798	0.53	33133151	\$ 148,315	\$ 232,880	\$ 6,824	\$ 2,552	\$ 242,257
2020	2021	519	C4000		Reconductor	Smallworld ID 438270425 to 438271274 (required to support C4009/C4000 feeder tie)	795 AAC	2,830	0.54	33133238	\$ 171,230	\$ 414,983	\$ 604	\$ 1,266	\$ 416,853
2021	2022	418	W0211	W4561	New Conductor	System Capacity (Monastery Feeder)	795 AAC	9,000	1.70	35153912, 35153924	\$ 835,715				
2022	Targeted for 2022	421	K3287		New Conductor	8083469 to 6671224	795 AAC	600	0.11	TBD	\$ 148,500				
2022	Targeted for 2022	421	K3287		New Conductor (UG)	Pole 6671224 to new PME-11 to be installed south of existing PME-9, 8558216	1000 kcmil	900	0.17	TBD	\$ 99,000				
2020	2020	519	C4000	C4009	New Conductor (UG)	Tie - Install 3030 ft 1000 kcmil UG	1000 kcmil	3,030	0.57	33133974	\$ 205,916	\$ 273,132	\$ 34,048	\$ 1,618	\$ 308,798
2020	2021	519	C4009		Reconductor	Smallworld ID 438500157 to 438138264 (required to support C4009/C4000 feeder tie)	336 AAC	6,140	1.16	33134314	\$ 268,646	\$ 491,820			\$ 491,820
2020	2022	435	K45	K1789	New Conductor (UG)	SWG K73376-2 to pole 6606940	1000 kcmil	2,795	0.53	38799279	\$ 310,625				
2020	2020	627	A244		New Conductor (UG)	6208787 to 4017010 (created A244 feeder loop)	1000 kcmil	1,605	0.30	34304677	\$ 141,336	\$ 222,179	\$ -	\$ 1,403	\$ 223,582
2020	2020	425	W0972	W0220	New Conductor	EGIS Wire 438232877 to EGIS Wire 436398509 and pole 5110453 (EQ ID 436265865) to pole 5098354 (EQ ID 436306234)	795 AAC	1,525	0.29	34874671	\$ 83,850	\$ 201,450	\$ 118,802	\$ 7,790	\$ 328,042
2020	INPROG	520	X213	X211	New Conductor (UG)	subaqueous crossing 8096771 to 179200	1000 kcmil	700	0.13	36366315	\$ 645,000				\$ -
2020	INPROG	520	X213	X211	New Conductor (UG)	From EID 179200 to EID R59418	1000 kcmil	1,000	0.19	36366315	\$ 105,000				\$ -
2022	Targeted for 2022	611	J224		New Conductor	3648 to B45192	795 AAC	650	0.12	TBD	\$ 120,900				\$ -
2022	Targeted for 2022	611	J892	J893	New Conductor (UG)	158579 to 4588587	1000 kcmil	1,790	0.34	TBD	\$ 295,350				\$ -
2022	Targeted for 2022	616	C207	C209	New Conductor (UG)	A12118 to 2522320	1000 kcmil	3,500	0.66	42467962	\$ 357,000				\$ -

2022 Targeted for 2022		618 C209	C207	New Conductor	2525831 to 2522320	795 AAC	180	0.03	42140672	\$	29,700						\$	-	
2022 Targeted for 2022		620 X51	X134	New Conductor	438447616 to 565627551	795 AAC	2,525	0.48 TBD		\$	416,625						\$	-	
2021	2021	447 K858	K226	New Conductor (UG)	5430433 to H810278	1000 kcmil	4,533	0.86	35310611	\$	432,960	\$	619,946	\$	5,418	\$	4,334	\$	629,699
2022 Targeted for 2022		749 K957	K964	New Conductor	5375536 to PME 8134303	795 AAC	2,800	0.53	43274961	\$	462,000								
2022 Targeted for 2022		749 K957	K964	New Conductor (UG)	PME 8134303 to (28.332123, -81.647987)	1000 kcmil	100	0.02	43275179	\$	16,500								
2022 Targeted for 2022		749 K429	K3362	New Conductor (UG)	PME 8335830 to pole 6238439	1000 kcmil	3,000	0.57	43467039	\$	303,000								
2021	2021	280 W0362	W0363	New Conductor (UG)	From 436506526 to 436225727	1000 kcmil	180	0.03	37299589	\$	30,300	\$	98,754	\$	44,686	\$	9,667	\$	153,107
2021	2021	198 W0597	W0598	New Conductor (UG)	436928845 to 436192731	1000 kcmil	1,350	0.26	37353043	\$	110,500	\$	467,871	\$	59,376	\$	3,666	\$	530,913
2021	2021	222 W0324	W1017	New Conductor/Reconductor	Reconductor 4000' from 5162614 to 5162338, upgrade 2500' from 1 ph to 3 ph and reconductor from 5162338 to 435975838, Extend feeder 300' from 435975838 to 7105038	336 AAC	6,800	1.29	37355093	\$	469,000	\$	635,497	\$	53,863	\$	7,677	\$	697,037
2021	2021	112 W0151	W0153	New Conductor (UG)	B200856 to 5193306	1000 kcmil	300	0.06	37425133	\$	20,000	\$	87,990	\$	50,855	\$	6,236	\$	285,053
2022	2021	226 A309		New Conductor (UG)	4020615 to 3588113	1000 kcmil	2,300	0.44	37833290	\$	195,500	\$	288,530	\$	140,676	\$	8,735	\$	437,941
2021	2021	250 X283	X289	New Conductor	X283/X289 feeder tie at SW X2954 for new RCL N250-8	795 AAC	270	0.05	37955705	\$	26,960	\$	32,266	\$	114,161	\$	11,390	\$	157,817
2021	2021	212 A72		Reconductor	Pole 431542 to Pole B162812 (required to support A72/A73 feeder tie)	795 AAC	1,295	0.25	38267725	\$	83,835	\$	165,446	\$	176,770	\$	12,228	\$	354,444
2021	2021	418 W0211	W4561	New Conductor (UG)	System Capacity (Monastery Feeder)	1000 kcmil	5,000	0.95	35153840, 35153898	\$	464,285	\$	319,590	\$	56,546	\$	3,787	\$	379,924
2022 Targeted for 2022		231 A285		Reconductor	446586033 to 446586225 (required for A285/A284 feeder tie project)	795 AAC	2,750	0.52 TBD		\$	453,750								
2022 Targeted for 2022		231 A285		Reconductor	446585991 to 446586229 (required for A285/A284 feeder tie project)	795 AAC	9,850	1.87 TBD		\$	1,625,250								
2022 Targeted for 2022		231 A285		Reconductor	446585742 to 446585792 (required for A285/A284 feeder tie project)	795 AAC	2,500	0.47 TBD		\$	412,500								
2022 Targeted for 2022		231 A285	A286	Reconductor	446585973 to 446585928 (required for A285/A284 feeder tie project)	795 AAC	4,750	0.90 TBD		\$	783,750								
2022 Targeted for 2022		421 K3287	K3285	Reconductor	8083064 to 8083469 (required to support K3287/K3285 feeder tie project)	795 AAC	1,000	0.19 TBD		\$	165,000								
2022 Targeted for 2022		427 K3362		Reconductor	7287731 to 7287761 (required for K3362/K1761 feeder tie project)	795 AAC	3,000	0.57	42645443	\$	495,000								
2022 Targeted for 2022		427 K5079		Reconductor	7839574 to B320904 (required for K5079/K1762 feeder tie project)	795 AAC	5,600	1.06	42645152	\$	924,000								
2022 Targeted for 2022		427 K5079		Reconductor	B320904 to 688397 (required for K5079/K1762 feeder tie project)	795 AAC	4,800	0.91	42645241	\$	792,000								
2022 Targeted for 2022		427 K5079	K1762	New Conductor (UG)	8805796 to 8805322	1000 kcmil	785	0.15	42645073	\$	80,070								
2022 Targeted for 2022		427 K1761	K3362	New Conductor (UG)	from Bella Citta Blvd/S Goodman Rd intersection to PME-11 8733978	1000 kcmil	1,350	0.26	42645599	\$	222,750								
2022 Targeted for 2022		611 J893		Reconductor	157997 to 436138065 (required for J893/J892 feeder tie project)	795 AAC	1,350	0.26 TBD		\$	222,750								
2022 Targeted for 2022		611 J224		Reconductor	4544031 to 3648 (AB to ABC) (required to for J224/J228 feeder tie project)	795 AAC	1,075	0.20 TBD		\$	177,375								
2022 Targeted for 2022		611 J228		Reconductor	B45192 to 4594535 (required to for J224/J228 feeder tie project)	795 AAC	3,000	0.57 TBD		\$	495,000								
2022 Targeted for 2022		618 C209		Reconductor	33053 to 8006720 (required for C209/C207 feeder tie project)	795 AAC	3,510	0.66	42140687	\$	571,907								
2022 Targeted for 2022		620 X51		Reconductor	4657706 to 4657880 (required for X51/X134 feeder tie project)	795 AAC	2,580	0.49 TBD		\$	469,650								
2022 Targeted for 2022		620 X51		Reconductor	6456394 to 6456495 (required for X51/X134 feeder tie project)	795 AAC	5,780	1.09 TBD		\$	953,700								
							180,341	34.16		\$	20,791,079	\$	6,502,236						