


0A	14/11/18	Emissão Inicial	VRA	KCAR	LNAG
Nº	Data	Natureza da Revisão	Elaborado	Verificado	Aprovado
			Sterlite São Francisco Energia S.A.		
Sterlite São Francisco Transmissão de Energia S.A.					
PROJETO BÁSICO – LOTE 7 – LEILÃO Nº02/2018 - ANEEL					
ELAB. VRA	VERIF. KCAR	APROV. LNAG	RESP. TÉCNICO CSF	CREA 2000119859	DATA 14/11/2018
TÍTULO					
DIRETRIZES SELECIONADAS					
Nº DOCUMENTO			FOLHA	REVISÃO	
SF01818-LT-GNLT-G-RE-0016			1	0A	

SUMÁRIO

1. OBJETIVO	3
2. TRAVESSIAS DE LTS DA REDE BÁSICA.....	3
3. DIRETRIZES SELECIONADAS	4

1. OBJETIVO

Apresentar as diretrizes selecionadas para as LTs 500 kV, circuito simples, Porto Sergipe – Olindina, 180 km, e Olindina – Sapeaçu, 187 km, integrantes do lote 7 do Edital de Leilão nº02/2018 ANEEL.

Relacionar as travessias com LTs existentes da Rede Básica.

2. TRAVESSIAS DE LTS DA REDE BÁSICA

Não foram identificadas travessias com LTs da rede básica.

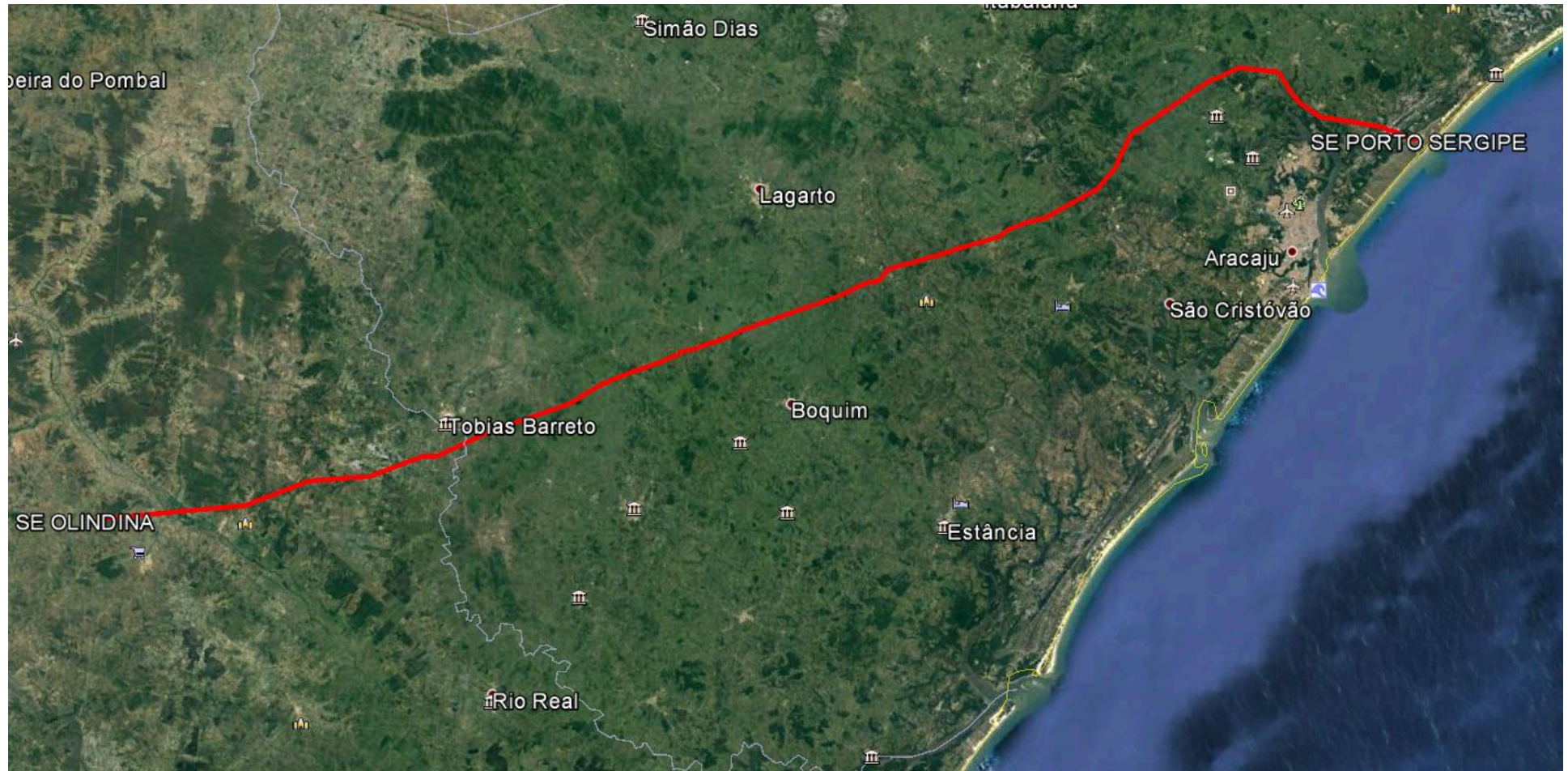
3. DIRETRIZES SELECIONADAS

3.1 LT 500 KV PORTO SERGIPE – OLINDINA

Vértices	Zona	Coordenadas UTM DATUM SIRGAS 2000				Distância (m)	
		Longitude	Latitude	Este	Sul	Parcial	Progressiva
SE PORTO SERGIPE	24	36° 56' 22.2551" W	10° 48' 52.6767" S	725280.18	8803756.32	166.29	0.00
V1	24	36° 56' 26.4999" W	10° 48' 49.2611" S	725151.93	8803862.16	389.13	166.29
V2	24	36° 56' 35.0698" W	10° 48' 58.6705" S	724889.60	8803574.75	233.49	555.42
V3	24	36° 56' 42.4788" W	10° 49' 00.6878" S	724664.08	8803514.27	487.72	788.91
V4	24	36° 56' 58.4120" W	10° 48' 58.7587" S	724180.39	8803576.81	1580.53	1276.63
V5	24	36° 57' 45.9077" W	10° 48' 37.7812" S	722741.67	8804231.15	284.25	2857.16
V6	24	36° 57' 54.4936" W	10° 48' 34.1078" S	722481.55	8804345.78	171.13	3141.41
V7	24	36° 58' 00.1231" W	10° 48' 34.2854" S	722310.48	8804341.46	412.14	3312.54
V8	24	36° 58' 11.8647" W	10° 48' 27.5704" S	721955.11	8804550.19	510.52	3724.68
V9	24	36° 58' 28.1628" W	10° 48' 31.6103" S	721459.10	8804429.33	361.61	4235.19
V10	24	36° 58' 35.9086" W	10° 48' 22.6767" S	721225.58	8804705.43	1150.19	4596.81
V11	24	36° 59' 13.1788" W	10° 48' 16.1199" S	720094.54	8804914.42	7025.99	5747.00
V12	24	37° 03' 03.2559" W	10° 47' 53.1705" S	713108.76	8805664.98	3051.33	12772.98
V13	24	37° 04' 29.7188" W	10° 47' 02.6618" S	710491.59	8807233.75	1981.75	15824.31
V14	24	37° 05' 13.3522" W	10° 46' 14.7298" S	709175.06	8808714.99	2508.87	17806.06
V15	24	37° 06' 00.8213" W	10° 45' 07.9292" S	707745.45	8810776.71	4847.08	20314.93
V16	24	37° 08' 40.1556" W	10° 45' 00.4401" S	702905.33	8811036.45	2563.67	25162.02
V17	24	37° 09' 53.7058" W	10° 45' 41.3172" S	700662.96	8809793.79	1448.65	27725.69
V18	24	37° 10' 37.0486" W	10° 46' 00.9578" S	699342.44	8809198.13	11458.38	29174.34
V19	24	37° 15' 36.1209" W	10° 49' 48.1608" S	690216.03	8802269.69	3314.26	40632.73
V20	24	37° 16' 20.7548" W	10° 51' 26.5839" S	688843.08	8799253.17	1006.59	43946.99
V21	24	37° 16' 29.1212" W	10° 51' 58.2819" S	688583.44	8798280.64	3539.90	44953.59
V22	24	37° 17' 38.7667" W	10° 53' 30.6579" S	686452.23	8795454.19	7243.53	48493.49
V23	24	37° 21' 00.3962" W	10° 55' 36.6124" S	680307.91	8791618.04	2405.81	55737.02
V24	24	37° 22' 16.0573" W	10° 55' 59.8489" S	678006.64	8790916.55	2330.98	58142.83
V25	24	37° 23' 25.7676" W	10° 56' 31.6247" S	675884.78	8789951.58	1487.81	60473.81
V26	24	37° 24' 03.2212" W	10° 57' 02.8482" S	674742.50	8788998.28	4633.21	61961.61

Vértices	Zona	Coordenadas UTM DATUM SIRGAS 2000				Distância (m)	
		Longitude	Latitude	Este	Sul	Parcial	Progressiva
V27	24	37° 26' 27.2752" W	10° 57' 52.6134" S	670360.92	8787492.17	827.47	66594.82
V28	24	37° 26' 52.8786" W	10° 58' 01.8475" S	669582.15	8787212.47	562.15	67422.29
V29	24	37° 27' 09.2285" W	10° 58' 10.4357" S	669084.43	8786951.16	957.28	67984.45
V30	24	37° 27' 39.6291" W	10° 58' 18.7064" S	668160.20	8786701.78	760.40	68941.73
V31	24	37° 28' 01.2012" W	10° 58' 31.2829" S	667503.33	8786318.72	1304.02	69702.13
V32	24	37° 28' 42.9705" W	10° 58' 41.1829" S	666233.76	8786020.99	1780.82	71006.15
V33	24	37° 29' 37.0899" W	10° 59' 03.5452" S	664587.38	8785342.20	1813.54	72786.97
V34	24	37° 30' 34.6740" W	10° 59' 19.2609" S	662836.92	8784868.07	1353.63	74600.50
V35	24	37° 31' 15.7244" W	10° 59' 36.4668" S	661588.18	8784345.60	474.73	75954.14
V36	24	37° 31' 26.0541" W	10° 59' 48.0681" S	661272.86	8783990.71	1374.18	76428.87
V37	24	37° 31' 53.2113" W	11° 00' 23.8533" S	660443.12	8782895.30	1574.07	77803.05
V38	24	37° 32' 44.0626" W	11° 00' 33.8921" S	658898.09	8782594.40	519.27	79377.12
V39	24	37° 32' 56.8119" W	11° 00' 45.1617" S	658509.42	8782250.03	377.75	79896.39
V40	24	37° 33' 09.1504" W	11° 00' 46.7659" S	658134.67	8782202.56	1462.42	80274.14
V41	24	37° 33' 49.2125" W	11° 01' 13.2081" S	656914.77	8781396.02	690.89	81736.56
V42	24	37° 34' 10.5694" W	11° 01' 20.9869" S	656265.39	8781160.13	961.07	82427.45
V43	24	37° 34' 38.1807" W	11° 01' 36.2986" S	655425.10	8780693.70	12180.81	83388.51
V44	24	37° 40' 48.7051" W	11° 04' 08.6928" S	644158.69	8776063.38	1142.44	95569.32
V45	24	37° 41' 21.4701" W	11° 04' 27.0068" S	643161.93	8775505.13	1679.19	96711.76
V46	24	37° 42' 11.1848" W	11° 04' 51.0100" S	641650.12	8774774.31	3375.08	98390.94
V47	24	37° 43' 54.2267" W	11° 05' 32.3741" S	638517.98	8773517.00	1775.31	101766.02
V48	24	37° 44' 50.2637" W	11° 05' 48.9919" S	636815.51	8773013.69	426.71	103541.33
V49	24	37° 44' 58.3882" W	11° 06' 00.3291" S	636567.52	8772666.43	467.04	103968.04
V50	24	37° 45' 12.6141" W	11° 06' 06.1347" S	636135.14	8772489.89	1789.36	104435.08
V51	24	37° 46' 05.3657" W	11° 06' 32.1751" S	634531.25	8771696.57	3624.56	106224.44
V52	24	37° 47' 55.8766" W	11° 07' 16.9876" S	631172.71	8770333.63	3904.59	109848.99

Vértices	Zona	Coordenadas UTM DATUM SIRGAS 2000				Distância (m)	
		Longitude	Latitude	Este	Sul	Parcial	Progressiva
V53	24	37° 49' 52.3900" W	11° 08' 10.9747" S	627631.27	8768689.23	4793.17	113753.59
V54	24	37° 52' 03.5155" W	11° 09' 38.0242" S	623643.07	8766030.51	10085.13	118546.76
V55	24	37° 57' 10.8274" W	11° 11' 43.3355" S	614307.41	8762215.38	7116.02	128631.89
V56	24	38° 00' 38.0221" W	11° 13' 32.0376" S	608012.02	8758897.87	1755.77	135747.91
V57	24	38° 01' 35.7863" W	11° 13' 35.8859" S	606259.85	8758785.50	6818.19	137503.68
V58	24	38° 05' 01.1963" W	11° 15' 06.1428" S	600021.96	8756032.98	7474.59	144321.86
V59	24	38° 09' 05.5425" W	11° 15' 38.2622" S	592609.84	8755068.61	8347.01	151796.46
V60	24	38° 13' 16.8052" W	11° 17' 29.3053" S	584982.14	8751678.80	18049.56	160143.47
V61	24	38° 23' 05.6934" W	11° 18' 55.8179" S	567122.99	8749063.97	120.33	178193.03
SE OLINDINA	24	38° 23' 05.7151" W	11° 18' 59.7352" S	567122.08	8748943.65	-	178313.36



3.2 LT 500 KV OLINDINA - SAPEAÇU

Vértice	Zona	Coordenadas UTM DATUM SIRGAS 2000				Distância (m)	
		Longitude	Latitude	Este	Sul	Parcial	Progressiva
SE OLINDINA	24	38° 23' 03.9220" W	11° 19' 09.1950" S	567175.83	8748652.97	104.37	0.00
V1	24	38° 23' 04.3053" W	11° 19' 12.5718" S	567163.99	8748549.27	6335.23	104.37
V2	24	38° 25' 38.0813" W	11° 21' 32.2522" S	562494.02	8744268.32	7469.45	6439.60
V3	24	38° 28' 31.6196" W	11° 24' 24.9258" S	557224.58	8738974.39	3450.07	13909.05
V4	24	38° 29' 58.9841" W	11° 25' 36.9489" S	554573.24	8736766.82	5233.46	17359.12
V5	24	38° 32' 01.1488" W	11° 27' 37.3944" S	550865.43	8733073.41	2741.63	22592.58
V6	24	38° 32' 55.1258" W	11° 28' 49.0341" S	549226.57	8730875.54	15918.44	25334.21
V7	24	38° 38' 05.3734" W	11° 35' 47.3387" S	539810.91	8718040.35	11024.14	41252.64
V8	24	38° 42' 15.8008" W	11° 40' 07.8572" S	532218.81	8710047.13	749.89	52276.78
V9	24	38° 42' 35.6505" W	11° 40' 22.4601" S	531617.39	8709599.21	1929.67	53026.67
V10	24	38° 42' 50.6152" W	11° 41' 23.5276" S	531162.44	8707723.94	4039.29	54956.34
V11	24	38° 44' 13.1354" W	11° 43' 06.8698" S	528661.35	8704552.13	17910.27	58995.63
V12	24	38° 50' 05.8534" W	11° 50' 55.0933" S	517976.17	8690178.38	8898.79	76905.89
V13	24	38° 53' 11.7773" W	11° 54' 39.5969" S	512348.14	8683285.35	13729.03	85804.69
V14	24	38° 57' 44.7863" W	12° 00' 36.6997" S	504088.52	8672318.81	1855.94	99533.72
V15	24	38° 58' 01.7974" W	12° 01' 34.7552" S	503573.94	8670535.64	4210.44	101389.66
V16	24	38° 59' 45.6513" W	12° 03' 06.0778" S	500433.80	8667730.76	1293.93	105600.09
V17	24	39° 00' 04.6254" W	12° 03' 43.8371" S	499860.17	8666570.94	1697.36	106894.02
V18	24	39° 00' 52.2687" W	12° 04' 13.0741" S	498419.88	8665672.85	1150.93	108591.38
V19	24	39° 01' 09.1419" W	12° 04' 46.6632" S	497909.86	8664641.08	591.77	109742.31
V20	24	39° 01' 19.4301" W	12° 05' 03.0537" S	497598.89	8664137.61	768.52	110334.08
V21	24	39° 01' 32.1453" W	12° 05' 24.7196" S	497214.58	8663472.07	8836.84	111102.60
V22	24	39° 03' 30.4534" W	12° 09' 47.8056" S	493640.03	8655390.47	4245.97	119939.45
V23	24	39° 04' 25.3532" W	12° 11' 55.0484" S	491982.00	8651481.60	1577.42	124185.42
V24	24	39° 04' 52.5922" W	12° 12' 38.8580" S	491159.34	8650135.69	3210.46	125762.84
V25	24	39° 05' 34.4137" W	12° 14' 14.9410" S	489896.72	8647183.93	2332.52	128973.30
V26	24	39° 06' 18.0308" W	12° 15' 17.5990" S	488579.71	8645258.80	2238.11	131305.82

Vértice	Zona	Coordenadas UTM DATUM SIRGAS 2000				Distância (m)	
		Longitude	Latitude	Este	Sul	Parcial	Progressiva
V27	24	39° 06' 56.0240" W	12° 16' 20.1516" S	487432.76	8643336.92	11417.88	133543.93
V28	24	39° 09' 19.0574" W	12° 22' 04.2322" S	483118.11	8632765.65	895.82	144961.81
V29	24	39° 09' 39.3722" W	12° 22' 25.4852" S	482505.06	8632112.45	1004.24	145857.63
V30	24	39° 10' 08.5670" W	12° 22' 41.1430" S	481623.79	8631630.95	6304.83	146861.87
V31	24	39° 11' 33.8985" W	12° 25' 48.4773" S	479051.27	8625874.82	1377.47	153166.69
V32	24	39° 11' 48.6093" W	12° 26' 30.9261" S	478608.12	8624570.59	574.80	154544.16
V33	24	39° 11' 49.4665" W	12° 26' 49.6196" S	478582.67	8623996.36	1304.43	155118.95
V34	24	39° 12' 07.9388" W	12° 27' 28.0092" S	478025.92	8622816.71	1500.52	156423.38
V35	24	39° 12' 26.4833" W	12° 28' 13.3318" S	477467.21	8621424.09	1900.38	157923.90
V36	24	39° 12' 48.9685" W	12° 29' 11.1184" S	476789.92	8619648.50	4388.17	159824.28
V37	24	39° 13' 42.2185" W	12° 31' 24.0484" S	475186.17	8615563.88	2147.22	164212.45
V38	24	39° 14' 15.2884" W	12° 32' 25.9413" S	474189.85	8613661.81	8734.88	166359.67
V39	24	39° 13' 13.6503" W	12° 37' 03.7812" S	476057.07	8605128.84	2121.69	175094.55
V40	24	39° 13' 00.2751" W	12° 38' 11.5912" S	476462.30	8603046.20	1166.75	177216.24
V41	24	39° 12' 43.3780" W	12° 38' 45.7579" S	476972.87	8601997.10	383.84	178382.99
V42	24	39° 12' 47.7666" W	12° 38' 57.4870" S	476840.78	8601636.70	1379.47	178766.83
V43	24	39° 12' 42.5227" W	12° 39' 42.0986" S	477000.07	8600266.46	530.21	180146.30
V44	24	39° 12' 35.4100" W	12° 39' 57.8831" S	477215.00	8599781.77	578.33	180676.51
V45	24	39° 12' 34.7176" W	12° 40' 16.6980" S	477236.35	8599203.83	1878.85	181254.84
V46	24	39° 12' 21.0458" W	12° 41' 16.3715" S	477650.16	8597371.12	2711.74	183133.69
V47	24	39° 11' 30.1361" W	12° 42' 29.1371" S	479187.24	8595137.08	937.43	185845.43
V48	24	39° 11' 13.8855" W	12° 42' 55.1522" S	479677.90	8594338.31	76.01	186782.86
SE SAPEAÇU	24	39° 11' 14.1524" W	12° 42' 57.6129" S	479669.90	8594262.72	-	186858.87

