

TABLA Nº1		
COORDENADAS ÁREA DE ESTUDIO CONCESIÓN ELÉCTRICA PROVISIONAL NUEVA LÍNEA HVDC KIMAL - LO AGUIRRE		
ID VÉRTICE	COORDENADAS UTM WGS84 HUSO 19S	
	ESTE [m]	NORTE [m]
P1	323.279,86	6.774.326,14
P2	322.762,02	6.772.736,95
P3	321.698,23	6.768.869,11
P4	321.783,88	6.768.312,04
P5	320.737,62	6.764.614,23
P6	320.442,18	6.764.148,07
P7	320.379,78	6.763.869,32
P8	320.345,36	6.763.227,33
P9	315.794,68	6.747.110,89
P10	315.263,34	6.745.377,02
P11	311.475,98	6.731.816,93
P12	312.402,79	6.724.104,48
P13	312.450,91	6.722.686,13
P14	312.709,70	6.721.326,49
P15	312.943,54	6.721.013,91
P16	312.953,99	6.720.455,29
P17	312.627,55	6.714.395,72
P18	314.233,53	6.712.181,95
P19	314.209,23	6.711.419,10
P20	316.949,43	6.706.522,61
P21	317.712,16	6.703.020,80
P22	314.594,85	6.696.078,41
P23	313.748,80	6.693.587,43
P24	313.381,73	6.692.170,75
P25	313.195,95	6.690.758,45
P26	313.785,20	6.687.684,85
P27	313.674,37	6.687.000,69
P28	313.540,23	6.686.182,67
P29	314.057,00	6.684.465,81
P30	314.693,54	6.683.088,77
P31	315.189,88	6.682.137,85
P32	315.398,98	6.680.641,81
P33	315.727,87	6.680.196,12
P34	315.569,77	6.679.274,25
P35	315.157,81	6.679.078,61
P36	314.612,82	6.679.040,05
P37	312.291,29	6.678.400,10
P38	311.289,85	6.677.933,22
P39	311.124,91	6.677.797,75
P40	310.381,09	6.677.137,98
P41	309.658,57	6.676.282,02
P42	309.367,33	6.663.142,78
P43	309.591,91	6.662.473,44
P44	309.785,90	6.661.433,61
P45	309.945,19	6.660.969,16
P46	310.505,74	6.660.054,23
P47	310.843,44	6.659.887,21
P48	311.038,34	6.658.162,37
P49	311.579,09	6.656.550,66
P50	312.013,10	6.647.214,42
P51	310.137,98	6.641.839,19
P52	309.347,55	6.635.861,51
P53	310.282,31	6.632.784,13
P54	310.773,77	6.632.179,81
P55	310.411,87	6.629.173,05
P56	310.493,89	6.626.145,59
P57	306.410,25	6.622.827,74
P58	306.445,39	6.616.819,21
P59	306.083,40	6.615.997,88
P60	305.785,16	6.615.597,11
P61	305.530,37	6.614.741,11
P62	303.089,88	6.609.205,86
P63	302.335,12	6.604.441,17
P64	296.022,92	6.596.351,79
P65	295.560,82	6.593.022,61
P66	295.583,57	6.589.597,51
P67	293.703,06	6.586.302,67
P68	293.118,16	6.582.421,96
P69	291.785,14	6.579.252,62
P70	292.369,36	6.578.002,97
P71	292.634,05	6.575.465,49
P72	293.064,44	6.575.281,49
P73	293.248,06	6.574.877,28
P74	292.785,66	6.573.486,07
P75	292.797,27	6.572.721,36
P76	291.458,95	6.570.848,90
P77	291.234,12	6.570.116,04
P78	289.985,60	6.567.105,99

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ID VÉRTICE	COORDENADAS UTM WGS84 HUSO 19S	
	ESTE [m]	NORTE [m]
P79	290.072,11	6.563.838,63
P80	291.384,50	6.557.986,21
P81	290.856,10	6.555.091,00
P82	290.910,19	6.554.583,44
P83	290.671,37	6.554.078,81
P84	290.301,18	6.552.050,49
P85	290.055,44	6.551.363,61
P86	290.035,89	6.550.596,95
P87	288.687,49	6.543.208,83
P88	288.449,78	6.542.365,65
P89	288.297,44	6.541.071,65
P90	287.077,28	6.534.386,20
P91	287.831,82	6.531.346,48
P92	286.752,53	6.532.606,86
P93	286.549,47	6.531.494,25
P94	287.841,69	6.529.782,46
P95	287.412,12	6.528.477,66
P96	287.476,46	6.527.713,85
P97	287.785,46	6.526.257,04
P98	290.125,83	6.523.046,08
P99	290.030,73	6.515.865,59
P100	287.793,37	6.514.306,49
P101	287.782,88	6.512.941,77
P102	287.823,66	6.512.295,60
P103	290.163,14	6.501.912,84
P104	289.336,59	6.499.443,93
P105	288.788,13	6.496.972,17
P106	288.380,91	6.497.792,99
P107	285.735,34	6.495.651,85
P108	282.559,97	6.494.677,77
P109	282.315,80	6.494.241,61
P110	281.911,61	6.493.966,21
P111	281.960,40	6.493.725,07
P112	282.285,81	6.492.110,49
P113	283.512,46	6.491.168,15
P114	284.127,42	6.488.039,90
P115	284.408,00	6.487.424,84
P116	284.669,03	6.487.247,61
P117	284.876,44	6.487.140,75
P118	285.491,58	6.486.427,00
P119	288.935,49	6.485.059,30
P120	290.687,24	6.484.043,53
P121	293.755,75	6.480.532,65
P122	293.778,31	6.478.091,94
P123	294.089,33	6.475.706,83
P124	296.695,25	6.470.384,10
P125	297.026,78	6.469.970,45
P126	297.739,11	6.468.901,61
P127	298.020,44	6.467.607,16
P128	298.776,48	6.467.124,08
P129	300.153,91	6.466.597,09
P130	301.378,04	6.465.772,56
P131	301.716,86	6.464.863,39
P132	301.531,22	6.463.632,37
P133	300.934,61	6.461.929,46
P134	300.241,16	6.460.378,52
P135	299.034,50	6.456.734,16
P136	298.040,99	6.454.568,22
P137	297.884,71	6.451.391,20
P138	297.094,67	6.448.507,47
P139	296.901,64	6.447.656,26
P140	297.014,54	6.446.175,11
P141	296.418,46	6.443.421,31
P142	294.716,28	6.440.662,49
P143	294.433,67	6.436.303,74
P144	294.956,13	6.434.858,56
P145	295.781,10	6.433.784,52
P146	296.544,61	6.432.222,95
P147	299.390,78	6.430.705,54
P148	301.137,21	6.426.654,86
P149	303.365,27	6.425.093,11
P150	305.129,03	6.424.258,94
P151	305.685,28	6.423.785,74
P152	305.791,30	6.423.421,11
P153	307.566,19	6.421.857,35
P154	313.873,06	6.409.675,34
P155	316.916,46	6.407.516,63
P156	317.500,51	6.404.953,87

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ID VÉRTICE	COORDENADAS UTM WGS84 HUSO 19S	
	ESTE [m]	NORTE [m]
P157	327.578,35	6.404.562,30
P158	318.883,86	6.392.744,49
P159	319.336,55	6.392.126,64
P160	319.907,68	6.391.540,23
P161	320.103,96	6.390.396,05
P162	320.832,33	6.389.419,62
P163	321.637,38	6.388.747,03
P164	322.145,77	6.387.745,71
P165	321.923,40	6.385.692,72
P166	322.110,67	6.384.474,46
P167	322.058,73	6.383.263,98
P168	322.090,27	6.382.800,73
P169	322.106,67	6.381.890,52
P170	321.674,37	6.381.086,06
P171	322.003,10	6.380.474,51
P172	320.878,35	6.378.959,46
P173	320.921,52	6.378.128,37
P174	321.125,85	6.377.465,43
P175	321.751,84	6.372.496,98
P176	321.646,19	6.370.841,51
P177	322.558,47	6.369.169,61
P178	323.236,46	6.367.972,69
P179	324.695,36	6.366.219,42
P180	325.411,77	6.365.582,16
P181	325.545,56	6.365.190,04
P182	328.407,11	6.361.741,65
P183	328.411,88	6.361.012,94
P184	328.093,67	6.360.339,89
P185	328.423,20	6.359.285,12
P186	328.442,49	6.356.338,82
P187	328.740,40	6.355.314,58
P188	328.500,34	6.355.244,76
P189	328.192,72	6.356.302,50
P190	328.173,45	6.359.246,17
P191	327.825,93	6.360.358,53
P192	328.161,52	6.361.068,28
P193	328.157,70	6.361.650,72
P194	325.323,80	6.365.065,79
P195	325.196,55	6.365.436,78
P196	324.511,28	6.366.044,94
P197	323.029,88	6.367.830,15
P198	323.343,38	6.369.042,10
P199	321.392,10	6.370.576,90
P200	321.500,94	6.372.488,38
P201	320.880,53	6.377.412,59
P202	320.679,59	6.378.084,00
P203	320.623,87	6.378.983,74
P204	321.708,12	6.380.493,83
P205	321.391,02	6.381.087,56
P206	321.849,96	6.381.951,46
P207	321.840,37	6.382.790,81
P208	321.808,37	6.383.240,84
P209	321.859,85	6.384.460,69
P210	321.671,32	6.385.687,10
P211	321.889,23	6.387.698,78
P212	321.437,70	6.388.586,09
P213	320.648,50	6.389.246,60
P214	319.867,70	6.390.294,06
P215	319.674,41	6.391.421,42
P216	319.145,23	6.391.964,76
P217	318.642,70	6.392.650,63
P218	317.331,05	6.404.524,13
P219	317.255,98	6.404.901,71
P220	316.693,92	6.407.367,97
P221	313.678,94	6.409.506,52
P222	307.365,73	6.421.700,77
P223	305.571,52	6.423.261,55
P224	305.466,16	6.423.643,92
P225	304.992,23	6.424.047,09
P226	303.234,06	6.424.878,62
P227	301.137,61	6.426.493,04
P228	299.200,91	6.430.523,46
P229	296.355,57	6.432.040,43
P230	295.567,54	6.433.652,14
P231	294.734,21	6.434.737,08
P232	294.180,81	6.436.267,82
P233	294.470,83	6.440.740,77
P234	296.183,18	6.443.517,09

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COORDENADAS ÁREA DE ESTUDIO CONCESIÓN ELÉCTRICA PROVISIONAL. NUEVA LÍNEA HVDC KIMAL - LO AGUIRRE		
ID VÉRTICE	COORDENADAS UTM WGS84 HUSO 19S	
	ESTE [m]	NORTE [m]
P235	296.762,50	6.446.192,43
P236	296.649,50	6.447.674,82
P237	296.852,09	6.448.568,17
P238	297.636,35	6.451.430,84
P239	297.793,66	6.454.628,64
P240	298.801,51	6.456.825,84
P241	300.007,80	6.460.469,06
P242	300.702,13	6.462.021,98
P243	301.287,52	6.463.692,87
P244	301.460,00	6.464.836,71
P245	301.177,80	6.465.610,04
P246	300.037,91	6.466.373,79
P247	298.664,04	6.466.899,42
P248	297.787,48	6.467.412,20
P249	297.504,33	6.468.883,11
P250	296.824,84	6.469.822,67
P251	296.482,87	6.470.149,34
P252	293.846,73	6.475.633,79
P253	291.528,73	6.478.072,52
P254	293.468,13	6.480.436,97
P255	290.525,42	6.483.848,37
P256	288.826,05	6.484.833,76
P257	285.342,70	6.486.217,30
P258	284.718,80	6.486.940,73
P259	284.499,03	6.487.053,97
P260	284.201,64	6.487.483,50
P261	283.891,90	6.487.941,94
P262	281.285,16	6.491.027,37
P263	282.059,25	6.491.969,29
P264	281.715,16	6.493.675,49
P265	281.633,65	6.494.079,33
P266	282.126,40	6.494.415,07
P267	282.390,81	6.494.887,37
P268	285.615,72	6.495.876,05
P269	288.167,97	6.497.542,27
P270	288.573,87	6.499.117,65
P271	289.121,57	6.499.588,57
P272	289.303,50	6.501.926,10
P273	287.575,45	6.512.259,84
P274	287.531,82	6.512.934,75
P275	287.544,47	6.514.431,75
P276	289.782,45	6.515.997,29
P277	289.874,75	6.522.966,12
P278	287.551,98	6.526.152,94
P279	287.228,66	6.527.677,27
P280	287.157,98	6.528.516,26
P281	287.654,43	6.529.739,44
P282	286.382,85	6.531.425,85
P283	286.510,65	6.532.674,00
P284	286.789,80	6.533.397,36
P285	286.828,26	6.534.414,24
P286	286.050,08	6.541.108,75
P287	288.303,80	6.542.414,49
P288	288.443,67	6.543.265,31
P289	289.786,47	6.550.622,73
P290	289.806,54	6.551.410,07
P291	290.058,91	6.552.115,47
P292	290.431,33	6.554.156,03
P293	290.654,15	6.554.626,84
P294	290.601,68	6.555.100,38
P295	291.129,44	6.557.088,98
P296	289.827,85	6.563.807,67
P297	289.734,28	6.567.125,59
P298	291.003,48	6.570.212,52
P299	291.237,09	6.570.786,20
P300	292.546,15	6.572.793,32
P301	292.335,04	6.573.524,67
P302	292.979,90	6.574.881,12
P303	293.876,94	6.575.089,79
P304	291.400,97	6.575.193,41
P305	292.125,08	6.577.593,19
P306	291.511,68	6.579.247,26
P307	292.875,58	6.582.490,04
P308	291.460,78	6.586.186,07
P309	295.333,13	6.589.661,13
P310	295.784,52	6.593.039,05
P311	295.704,52	6.596.452,65
P312	302.088,30	6.604.548,05