

ANEXO I

CORREDORES DE NECESIDAD NACIONAL

Los siguientes son los corredores de cuatro kilómetros de ancho, de los ductos de exportación declarados de necesidad nacional de acuerdo al Artículo 68:

- 1.- Oleoducto Sica Sica - Arica.
- 2.- Proyecto de Gasoducto a la República de Chile.
- 3.- Oleoducto Camiri - Yacuiba.
- 4.- Gasoducto Río Grande - Yacuiba.
- 5.- Proyecto de Gasoducto Vuelta Grande - Asunción.
- 6.- Proyecto de Gasoducto Bolivia - Brasil.

Las coordenadas U.T.M. para cada uno de los citados corredores se indican a continuación:

**PROYECTO
GASODUCTO
A LA REPUBLICA
DE CHILE**

VERTICE	COORDENADA X	COORDENADA Y
1	597869,86000	7567948,34100
2	633971,32100	7582904,66000
3	648054,88000	7579135,82100
4	648791,20000	7579457,96100
5	650992,30500	7584360,42300
6	654072,61100	7586106,30600
7	601329,66900	7565052,01100
8	634248,38900	7578689,76600
9	648374,42600	7574909,55900
10	651808,22600	7576411,84700
11	654104,66900	7581526,65100
12	657347,59100	7583364,70400

OLEODUCTO

CAMIRI

YACUIBA

VERTICE	COORDENADA X	COORDENADA Y
1	428453,45300	7565832,69000
2	428475,23000	7566003,18600
3	428817,72900	7566204,72700
4	428869,74200	7566734,95500
5	429240,02100	7567721,38400
6	430354,72600	7570333,12200
7	430482,57900	7570458,90200
8	430620,46900	7570977,15000
9	432364,36000	7575065,53000
10	432835,12400	7578424,34000
11	434137,99800	7580292,93400
12	434136,23800	7582462,62900
13	436059,81600	7585176,20900
14	437535,98900	7586811,63800
15	439199,41400	7588602,82100
16	439345,17400	7589017,26800
17	439487,90500	7589194,19000
18	439422,74900	7589284,79100
19	440661,76100	7590767,11900
20	440934,29200	7591332,77100
21	441735,65300	7591968,13700
22	444460,19300	7595508,21000
23	446284,47100	7602498,62900
24	447089,21500	7605578,68400
25	447119,61400	7606105,76800
26	447353,89200	7606747,85900
27	447440,83800	7607983,37600
28	447763,69300	7608984,64900
29	448219,87100	7609654,46300
30	448434,69900	7610067,28700
31	449105,64300	7612032,01900
32	449961,71700	7612782,02700
33	449857,60700	7613247,45500
34	451633,44500	7614595,70000
35	452063,46000	7615961,58700
36	452511,25700	7617000,00000
37	433281,22300	7567000,00000

38	433723,38800	7568035,98600
39	434067,02900	7568374,05800
40	434412,24900	7569671,53200
41	436251,94400	7573984,51800
42	436663,58600	7576921,49400
43	438139,01800	7579037,57200
44	438137,27200	7581190,15100
45	439186,90200	7582670,85900
46	440486,30100	7584110,44000
47	444760,76600	7588713,20300
48	444509,45100	7589062,66200
49	444605,82500	7589139,07300
50	448125,46900	7593712,25000
51	450154,70100	7601488,02700
52	451059,70900	7604951,82800
53	451079,08200	7605287,74000
54	451304,51200	7605905,57700
55	451396,50100	7607212,75900
56	451659,03900	7607598,24900
57	452122,44500	7608488,74900
58	452545,55900	7609727,75900
59	453034,95000	7610156,51500
60	453808,81400	7611225,07000
61	455066,42900	7612179,87200
62	455817,45200	7614565,39500
63	456867,32900	7617000,00000

**GASODUCTO
RIO GRANDE
YACUIBA**

VERTICE	COORDENADA X	COORDENADA Y
1	428847,89000	7566064,70900
2	428787,89500	7566303,26600
3	429290,42300	7567721,00900
4	430246,68700	7569885,54800
5	430624,74800	7570444,47100
6	430804,84500	7571367,46800
7	432159,90700	7574482,93000
8	432084,61900	7574712,74500
9	432251,56600	7577940,70100

10	433633,89800	7582195,26300
11	434098,35600	7584227,01700
12	435075,58700	7586227,03200
13	435843,23400	7587673,37600
14	438064,92800	7590913,33700
15	438759,79100	7593069,70300
16	440933,06300	7603451,95700
17	441207,24100	7604537,59500
18	442089,94600	7607427,56400
19	443200,84200	7611139,21500
20	444225,31400	7617000,00000
21	433344,85400	7567000,00000
22	433760,70700	7567941,30000
23	434185,63900	7568569,51600
24	434463,61500	7569232,06300
25	434647,14500	7570172,65800
26	436574,69300	7574604,33600
27	436122,50800	7575341,97700
28	436218,95600	7577206,82300
29	437493,43200	7581129,42300
30	437894,91000	7582885,67300
31	438640,14700	7584410,88400
32	439270,24200	7585598,06200
33	441693,40800	7589131,83700
34	442631,71100	7592043,67300
35	444831,39100	7602552,08500
36	445061,44100	7603462,99300
37	445918,76400	7606269,86000
38	447100,49600	7610218,18100
39	448285,96400	7617000,00000

**OLEODUCTO
SICA SICA – ARICA**

VERTICE	COORDENADA X	COORDENADA Y
1	451222,66900	8053116,42400
2	455962,94500	8055840,72100
3	463181,97100	8057775,06700
4	464842,55300	8057976,48700
5	464893,30600	8058010,99300
6	466639,08600	8058711,77700
7	468687,96300	8059208,56800
8	471073,15500	8060015,77700
9	474316,28100	8060273,82700
10	475667,36200	8059988,15700

11	477369,28000	8060246,33600
12	478736,10800	8060745,52900
13	482260,52400	8061273,34100
14	484268,27600	8061970,56600
15	485908,47000	8064250,87300
16	487999,17100	8064409,51000
17	488942,22200	8063608,34100
18	489583,58600	8063663,29500
19	490568,63900	8064136,55200
20	491057,82500	8064176,32200
21	493227,46900	8067023,52400
22	495060,22000	8067333,46500
23	496477,05100	8068284,17100
24	496515,10500	8068278,15300
25	497431,56700	8069292,69800
26	499477,90700	8069758,76000
27	502952,06200	8071247,83800
28	503881,97600	8071207,59600
29	504084,01600	8071277,49900
30	454156,56400	8050189,03400
31	457502,99900	8052112,27300
32	463944,22500	8053838,20700
33	466288,33900	8054122,53700
34	466784,67200	8054459,97900
35	467861,73000	8054892,32700
36	469802,55700	8055362,92000
37	471885,23700	8056067,75100
38	474055,83100	8056240,46100
39	475549,85400	8055924,56700
40	478365,24800	8056351,66000
41	479728,47600	8056849,53900
42	483221,08400	8057372,58700
43	486776,32000	8058607,20200
44	487604,78100	8059758,98200
45	488363,91200	8059544,13300
46	490655,23400	8059740,46100
47	491632,16900	8060209,81800
48	492611,85100	8060289,46400
49	493944,33900	8061364,74400
50	495451,73100	8063342,88000
51	496575,00000	8063532,83500
52	497402,50300	8064088,10100
53	498030,73700	8063988,74700
54	499552,43300	8065673,30200

55	500720,09300	8065939,24000
56	503689,93800	8067212,16200
57	504470,02400	8067178,40400
58	505079,94000	8067389,42700
59	505696,71000	8067164,21100
60	508007,68900	8067435,32900

**PROYECTO
GASODUCTO
BOLIVIA-BRASIL**

VERTICE	COORDENADA X	COORDENADA Y
1	414725,14500	7889057,10300
2	412459,76300	7890111,46200
3	392835,84900	7906449,87000
4	369089,89400	7909488,15500
5	413085,97300	7885407,99500
6	410300,23700	7886704,53800
7	391172,15100	7902630,13000
8	367376,90800	7905674,72100

**PROYECTO
GASODUCTO
VUELTA GRANDE
ASUNCION**

VERTICE	COORDENADA X	COORDENADA Y
1	578742,81500	7729764,01000
2	526734,08200	7705319,90400
3	576524,62100	7724301,68600
4	526761,79100	7700913,15500