

GASODUCTO REGIONAL NORTE

FLUJO DE FONDOS - CALCULO DEL VALOR ACTUAL NETO Y DETERMINACION DE LA TASA INTERNA DE RETORNO

PROPUESTA 1								
AÑO	SUBSIDIO PROVINCIAL	INVERSIONES	INGRESO DE FONDOS			FLUJO NETO DE FONDOS		
			OPCION 1	OPCION 2	OPCION 3	OPCION 1	OPCION 2	OPCION 3
0		\$ (171.221.568)	\$ -			\$ (171.221.568)	\$ (171.221.568)	\$ (171.221.568)
1		\$ (43.666.420)	\$ 1.876.921	\$ 2.761.583	\$ 18.040.500	\$ (41.789.499)	\$ (40.904.837)	\$ (25.625.920)
2		\$ (615.020)	\$ 6.423.699	\$ 8.359.449	\$ 19.350.060	\$ 5.808.679	\$ 7.744.429	\$ 18.735.040
3		\$ -	\$ 8.155.878	\$ 12.301.267	\$ 20.333.670	\$ 8.155.878	\$ 12.301.267	\$ 20.333.670
4		\$ (399.763)	\$ 5.496.956	\$ 15.030.452	\$ 20.992.788	\$ 5.097.193	\$ 14.630.689	\$ 20.593.025
5		\$ -	\$ 3.665.503	\$ 15.522.076	\$ 21.427.530	\$ 3.665.503	\$ 15.522.076	\$ 21.427.530
6		\$ (1.353.044)	\$ 3.564.310	\$ 16.092.598	\$ 21.904.796	\$ 2.211.266	\$ 14.739.554	\$ 20.551.752
7		\$ -	\$ 4.528.482	\$ 18.693.589	\$ 22.632.963	\$ 4.528.482	\$ 18.693.589	\$ 22.632.963
8		\$ (40.253.059)	\$ 5.112.899	\$ 19.450.147	\$ 23.210.169	\$ (35.140.160)	\$ (20.802.912)	\$ (17.042.890)
9		\$ (23.401.511)	\$ 11.031.319	\$ 22.233.005	\$ 24.853.952	\$ (12.370.192)	\$ (1.168.506)	\$ 1.452.441
10		\$ (10.978.107)	\$ 9.711.886	\$ 22.493.238	\$ 25.173.892	\$ (1.266.221)	\$ 11.515.131	\$ 14.195.785
11		\$ (15.652.259)	\$ 3.038.294	\$ 22.886.635	\$ 25.565.447	\$ (12.613.965)	\$ 7.234.376	\$ 9.913.188
12		\$ -	\$ 3.513.779	\$ 24.546.318	\$ 26.095.796	\$ 3.513.779	\$ 24.546.318	\$ 26.095.796
13		\$ -	\$ 3.248.840	\$ 24.791.592	\$ 26.416.238	\$ 3.248.840	\$ 24.791.592	\$ 26.416.238
14		\$ -	\$ 2.691.389	\$ 24.952.239	\$ 26.693.832	\$ 2.691.389	\$ 24.952.239	\$ 26.693.832
15		\$ -	\$ 2.463.586	\$ 25.168.007	\$ 27.002.239	\$ 2.463.586	\$ 25.168.007	\$ 27.002.239
16		\$ -	\$ 2.657.091	\$ 25.390.187	\$ 27.315.797	\$ 2.657.091	\$ 25.390.187	\$ 27.315.797
17		\$ -	\$ 2.922.263	\$ 26.709.190	\$ 27.748.726	\$ 2.922.263	\$ 26.709.190	\$ 27.748.726
18		\$ -	\$ 3.046.807	\$ 26.967.937	\$ 28.085.128	\$ 3.046.807	\$ 26.967.937	\$ 28.085.128
19		\$ -	\$ 3.015.036	\$ 27.608.734	\$ 28.460.221	\$ 3.015.036	\$ 27.608.734	\$ 28.460.221
20		\$ -	\$ 2.942.360	\$ 27.830.972	\$ 28.781.507	\$ 2.942.360	\$ 27.830.972	\$ 28.781.507
21		\$ -	\$ 2.843.697	\$ 28.059.660	\$ 29.108.046	\$ 2.843.697	\$ 28.059.660	\$ 29.108.046
22		\$ -	\$ 2.886.887	\$ 28.295.026	\$ 29.439.979	\$ 2.886.887	\$ 28.295.026	\$ 29.439.979
23		\$ -	\$ 2.941.471	\$ 28.537.010	\$ 29.777.288	\$ 2.941.471	\$ 28.537.010	\$ 29.777.288
24		\$ -	\$ 2.997.527	\$ 28.786.256	\$ 30.120.313	\$ 2.997.527	\$ 28.786.256	\$ 30.120.313
25		\$ -	\$ 3.095.961	\$ 29.201.899	\$ 30.487.156	\$ 3.095.961	\$ 29.201.899	\$ 30.487.156
26		\$ -	\$ 3.686.547	\$ 31.572.427	\$ 31.080.380	\$ 3.686.547	\$ 31.572.427	\$ 31.080.380
27		\$ -	\$ 3.977.026	\$ 32.897.802	\$ 31.560.496	\$ 3.977.026	\$ 32.897.802	\$ 31.560.496
28		\$ -	\$ 3.822.965	\$ 34.231.442	\$ 32.046.895	\$ 3.822.965	\$ 34.231.442	\$ 32.046.895
29		\$ -	\$ 3.647.147	\$ 34.520.422	\$ 32.420.472	\$ 3.647.147	\$ 34.520.422	\$ 32.420.472
30		\$ -	\$ 3.461.610	\$ 34.815.122	\$ 32.798.955	\$ 3.461.610	\$ 34.815.122	\$ 32.798.955
TOTAL								
TOTAL NOMINAL EN \$		\$ 307.540.751	\$ 122.468.135	\$ 720.706.280	\$ 798.925.229	\$ (185.072.616)	\$ 413.165.529	\$ 491.384.478
INVERSION EN DOLARES		87.868.786						
Cálculo del VALOR ACTUAL NETO								
TASA DE DESCUENTO	INVERSIONES	INGRESO DE FONDOS			FLUJO NETO DE FONDOS			
		OPCION 1	OPCION 2	OPCION 3	OPCION 1	OPCION 2	OPCION 3	
6%	\$ (267.716.280)	\$ 61.842.538	\$ 280.540.775	\$ 339.360.978	\$ (205.873.742)	\$ 12.824.495	\$ 71.644.698	
8%	\$ (258.579.234)	\$ 51.862.624	\$ 217.016.352	\$ 271.081.527	\$ (206.716.610)	\$ (41.562.882)	\$ 12.502.293	
10%	\$ (250.884.827)	\$ 44.339.322	\$ 172.123.813	\$ 222.111.732	\$ (206.545.505)	\$ (78.761.014)	\$ (28.773.095)	

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TIR del proyecto	3,20%	8,54%
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