



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Corumbá - Tipo IV		Campo Grande - Tipo V	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	0,0	100,0%	38,0	97,9%
02/12/19	0,0	100,0%	75,0	95,8%
03/12/19	0,0	100,0%	85,0	95,3%
04/12/19	0,0	100,0%	103,0	94,3%
05/12/19	0,0	100,0%	113,0	93,7%
06/12/19	0,0	100,0%	114,0	93,7%
07/12/19	0,0	100,0%	104,0	94,2%
08/12/19	0,0	100,0%	91,0	94,9%
09/12/19	0,0	100,0%	106,0	94,1%
10/12/19	0,0	100,0%	106,0	94,1%
11/12/19	0,0	100,0%	105,0	94,2%
12/12/19	0,0	100,0%	108,0	94,0%
13/12/19	0,0	100,0%	104,0	94,2%
14/12/19	0,0	100,0%	110,0	93,9%
15/12/19	0,0	100,0%	102,0	94,3%
16/12/19	0,0	100,0%	112,0	93,8%
17/12/19	0,0	100,0%	115,0	93,6%
18/12/19	0,0	100,0%	110,0	93,9%
19/12/19	0,0	100,0%	101,0	94,4%
20/12/19	0,0	100,0%	110,0	93,9%
21/12/19	0,0	100,0%	115,0	93,6%
22/12/19	0,0	100,0%	105,0	94,2%
23/12/19	0,0	100,0%	95,0	94,7%
24/12/19	0,0	100,0%	85,0	95,3%
25/12/19	0,0	100,0%	67,0	96,3%
26/12/19	0,0	100,0%	92,0	94,9%
27/12/19	0,0	100,0%	93,0	94,8%
28/12/19	0,0	100,0%	72,0	96,0%
29/12/19	0,0	100,0%	63,0	96,5%
30/12/19	0,0	100,0%	76,0	95,8%
31/12/19	0,0	100,0%	67,0	96,3%
<b>Total</b>	<b>0,0</b>	<b>100,0%</b>	<b>2.875,0</b>	<b>94,7%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Três Lagoas / UFN - Tipo VI		Três Lagoas / UTE - Tipo VI	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	0,0	100,0%	1.335,0	62,9%
02/12/19	0,0	100,0%	1.510,0	58,1%
03/12/19	0,0	100,0%	1.340,0	62,8%
04/12/19	0,0	100,0%	1.390,0	61,4%
05/12/19	0,0	100,0%	1.485,0	58,8%
06/12/19	0,0	100,0%	1.125,0	68,8%
07/12/19	0,0	100,0%	449,0	87,5%
08/12/19	0,0	100,0%	462,0	87,2%
09/12/19	0,0	100,0%	430,0	88,1%
10/12/19	0,0	100,0%	420,0	88,3%
11/12/19	0,0	100,0%	420,0	88,3%
12/12/19	0,0	100,0%	460,0	87,2%
13/12/19	0,0	100,0%	800,0	77,8%
14/12/19	0,0	100,0%	1.580,0	56,1%
15/12/19	0,0	100,0%	1.320,0	63,3%
16/12/19	0,0	100,0%	1.320,0	63,3%
17/12/19	0,0	100,0%	1.330,0	63,1%
18/12/19	0,0	100,0%	1.700,0	52,8%
19/12/19	0,0	100,0%	1.780,0	50,6%
20/12/19	0,0	100,0%	1.500,0	58,3%
21/12/19	0,0	100,0%	520,0	85,6%
22/12/19	0,0	100,0%	502,0	86,1%
23/12/19	0,0	100,0%	480,0	86,7%
24/12/19	0,0	100,0%	475,0	86,8%
25/12/19	0,0	100,0%	490,0	86,4%
26/12/19	0,0	100,0%	460,0	87,2%
27/12/19	0,0	100,0%	900,0	75,0%
28/12/19	0,0	100,0%	1.480,0	58,9%
29/12/19	0,0	100,0%	1.780,0	50,6%
30/12/19	0,0	100,0%	1.800,0	50,0%
31/12/19	0,0	100,0%	1.790,0	50,3%
<b>Total</b>	<b>0,0</b>	<b>100,0%</b>	<b>31.043,0</b>	<b>71,3%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Valparaíso - Tipo II		Bilac - Tipo III	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	0,1	100,0%	23,0	94,7%
02/12/19	0,0	100,0%	30,0	93,1%
03/12/19	0,4	99,8%	56,8	86,9%
04/12/19	1,3	99,5%	53,0	87,7%
05/12/19	9,2	96,4%	50,0	88,4%
06/12/19	30,0	88,2%	50,0	88,4%
07/12/19	29,0	88,6%	31,0	92,8%
08/12/19	27,0	89,4%	19,0	95,6%
09/12/19	26,0	89,8%	47,0	89,1%
10/12/19	30,0	88,2%	50,0	88,4%
11/12/19	30,0	88,2%	56,0	87,1%
12/12/19	29,0	88,6%	52,0	88,0%
13/12/19	28,0	89,0%	46,0	89,4%
14/12/19	27,0	89,4%	41,0	90,5%
15/12/19	27,0	89,4%	32,5	92,5%
16/12/19	27,0	89,4%	44,0	89,8%
17/12/19	29,0	88,6%	43,0	90,1%
18/12/19	30,0	88,2%	50,0	88,4%
19/12/19	29,0	88,6%	40,5	90,6%
20/12/19	29,5	88,4%	33,5	92,3%
21/12/19	31,0	87,8%	37,0	91,4%
22/12/19	30,0	88,2%	34,0	92,1%
23/12/19	28,0	89,0%	46,5	89,2%
24/12/19	27,0	89,4%	27,0	93,8%
25/12/19	29,0	88,6%	32,0	92,6%
26/12/19	27,3	89,3%	37,0	91,4%
27/12/19	28,0	89,0%	42,0	90,3%
28/12/19	29,9	88,3%	39,8	90,8%
29/12/19	29,9	88,3%	27,4	93,7%
30/12/19	29,9	88,3%	41,3	90,4%
31/12/19	29,9	88,3%	42,6	90,1%
<b>Total</b>	<b>728,6</b>	<b>90,5%</b>	<b>1.212,4</b>	<b>90,7%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Guaíçara - Tipo IV		Iacanga - Tipo IV	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	43,0	95,7%	75,0	92,4%
02/12/19	70,0	92,9%	80,0	91,9%
03/12/19	76,0	92,3%	88,5	91,1%
04/12/19	66,0	93,3%	90,0	90,9%
05/12/19	70,0	92,9%	90,0	90,9%
06/12/19	76,0	92,3%	80,0	91,9%
07/12/19	57,0	94,2%	74,0	92,5%
08/12/19	43,0	95,7%	76,0	92,3%
09/12/19	65,0	93,4%	86,0	91,3%
10/12/19	70,0	92,9%	88,0	91,1%
11/12/19	73,0	92,6%	89,0	91,0%
12/12/19	64,0	93,5%	87,0	91,2%
13/12/19	67,0	93,2%	80,0	91,9%
14/12/19	65,0	93,4%	74,0	92,5%
15/12/19	43,0	95,7%	56,0	94,3%
16/12/19	66,0	93,3%	24,0	97,6%
17/12/19	73,0	92,6%	44,0	95,6%
18/12/19	70,0	92,9%	54,0	94,5%
19/12/19	69,0	93,0%	48,6	95,1%
20/12/19	42,7	95,7%	62,0	93,7%
21/12/19	27,0	97,3%	63,0	93,6%
22/12/19	22,0	97,8%	52,0	94,7%
23/12/19	34,0	96,6%	61,0	93,8%
24/12/19	10,0	99,0%	59,0	94,0%
25/12/19	4,2	99,6%	51,0	94,8%
26/12/19	32,0	96,8%	58,0	94,1%
27/12/19	47,0	95,3%	58,0	94,1%
28/12/19	36,1	96,4%	63,8	93,6%
29/12/19	25,5	97,4%	59,5	94,0%
30/12/19	35,9	96,4%	71,5	92,8%
31/12/19	20,4	97,9%	69,5	93,0%
<b>Total</b>	<b>1.542,5</b>	<b>94,8%</b>	<b>2.042,9</b>	<b>93,1%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Ibitinga - Tipo IV		Boa Esperança do Sul - Tipo V	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	46,0	95,4%	108,0	94,0%
02/12/19	40,0	96,0%	140,0	92,2%
03/12/19	65,4	93,4%	242,1	86,5%
04/12/19	60,0	93,9%	250,0	86,1%
05/12/19	64,0	93,5%	250,0	86,1%
06/12/19	62,0	93,7%	255,0	85,8%
07/12/19	50,0	94,9%	192,0	89,3%
08/12/19	34,0	96,6%	98,0	94,6%
09/12/19	35,0	96,5%	176,0	90,2%
10/12/19	60,0	93,9%	244,0	86,4%
11/12/19	60,0	93,9%	255,0	85,8%
12/12/19	61,0	93,8%	245,0	86,4%
13/12/19	58,0	94,1%	250,0	86,1%
14/12/19	52,0	94,7%	174,0	90,3%
15/12/19	38,0	96,2%	80,0	95,6%
16/12/19	33,0	96,7%	132,0	92,7%
17/12/19	56,0	94,3%	230,0	87,2%
18/12/19	56,0	94,3%	244,0	86,4%
19/12/19	53,0	94,6%	252,0	86,0%
20/12/19	47,0	95,3%	246,0	86,3%
21/12/19	47,0	95,3%	173,0	90,4%
22/12/19	48,0	95,2%	99,0	94,5%
23/12/19	41,0	95,9%	149,0	91,7%
24/12/19	15,7	98,4%	35,0	98,1%
25/12/19	0,0	100,0%	18,2	99,0%
26/12/19	29,0	97,1%	121,0	93,3%
27/12/19	51,0	94,8%	163,0	90,9%
28/12/19	1,5	99,8%	173,0	90,4%
29/12/19	0,1	100,0%	99,0	94,5%
30/12/19	3,0	99,7%	149,0	91,7%
31/12/19	1,6	99,8%	35,0	98,1%
<b>Total</b>	<b>1.266,7</b>	<b>95,7%</b>	<b>5.242,3</b>	<b>90,3%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
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Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	São Carlos - Tipo IV		Rio Claro - Tipo V	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	247,0	75,1%	1.235,0	31,4%
02/12/19	300,0	69,7%	1.270,0	29,4%
03/12/19	289,7	70,7%	1.308,0	27,3%
04/12/19	275,0	72,2%	1.260,0	30,0%
05/12/19	277,0	72,0%	1.340,0	25,6%
06/12/19	300,0	69,7%	1.340,0	25,6%
07/12/19	269,0	72,8%	1.230,0	31,7%
08/12/19	243,0	75,5%	1.212,0	32,7%
09/12/19	283,0	71,4%	1.260,0	30,0%
10/12/19	276,0	72,1%	1.320,0	26,7%
11/12/19	274,0	72,3%	1.290,0	28,3%
12/12/19	284,0	71,3%	1.286,0	28,6%
13/12/19	290,0	70,7%	1.290,0	28,3%
14/12/19	214,0	78,4%	1.230,0	31,7%
15/12/19	201,0	79,7%	1.210,0	32,8%
16/12/19	220,0	77,8%	1.150,0	36,1%
17/12/19	213,0	78,5%	1.214,0	32,6%
18/12/19	195,0	80,3%	1.175,0	34,7%
19/12/19	183,0	81,5%	1.150,0	36,1%
20/12/19	179,0	81,9%	1.100,0	38,9%
21/12/19	166,0	83,2%	1.045,0	41,9%
22/12/19	162,0	83,6%	1.005,0	44,2%
23/12/19	165,0	83,3%	990,0	45,0%
24/12/19	149,0	84,9%	910,0	49,4%
25/12/19	145,0	85,4%	905,0	49,7%
26/12/19	187,0	81,1%	930,0	48,3%
27/12/19	186,0	81,2%	985,0	45,3%
28/12/19	166,0	83,2%	980,0	45,6%
29/12/19	162,0	83,6%	950,0	47,2%
30/12/19	165,0	83,3%	990,0	45,0%
31/12/19	149,0	84,9%	910,0	49,4%
<b>Total</b>	<b>6.665,7</b>	<b>77,6%</b>	<b>34.560,0</b>	<b>36,0%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
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Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Limeira - Tipo V		Americana - Tipo V	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	1.107,0	38,5%	291,0	83,8%
02/12/19	1.150,0	36,1%	360,0	80,0%
03/12/19	1.191,9	33,8%	331,5	81,6%
04/12/19	1.130,0	37,2%	340,0	81,1%
05/12/19	1.220,0	32,2%	360,0	80,0%
06/12/19	1.210,0	32,8%	350,0	80,6%
07/12/19	1.082,0	39,9%	322,0	82,1%
08/12/19	1.058,0	41,2%	313,0	82,6%
09/12/19	1.120,0	37,8%	390,0	78,3%
10/12/19	1.175,0	34,7%	370,0	79,4%
11/12/19	1.165,0	35,3%	366,0	79,7%
12/12/19	1.170,0	35,0%	315,0	82,5%
13/12/19	1.180,0	34,4%	313,0	82,6%
14/12/19	1.080,0	40,0%	310,0	82,8%
15/12/19	1.055,0	41,4%	300,0	83,3%
16/12/19	1.010,0	43,9%	330,0	81,7%
17/12/19	1.040,0	42,2%	386,0	78,6%
18/12/19	995,0	44,7%	385,0	78,6%
19/12/19	975,0	45,8%	380,0	78,9%
20/12/19	930,0	48,3%	450,0	75,0%
21/12/19	900,0	50,0%	391,0	78,3%
22/12/19	820,0	54,4%	313,0	82,6%
23/12/19	790,0	56,1%	310,0	82,8%
24/12/19	725,0	59,7%	187,0	89,6%
25/12/19	705,0	60,8%	172,0	90,4%
26/12/19	780,0	56,7%	215,0	88,1%
27/12/19	825,0	54,2%	220,0	87,8%
28/12/19	900,0	50,0%	185,0	89,7%
29/12/19	820,0	54,4%	180,0	90,0%
30/12/19	790,0	56,1%	210,0	88,3%
31/12/19	725,0	59,7%	200,0	88,9%
<b>Total</b>	<b>30.098,9</b>	<b>44,3%</b>	<b>9.345,5</b>	<b>82,7%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
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Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Jaguariúna - Tipo VI		Itatiba - Tipo V	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	1.095,0	69,6%	454,0	74,8%
02/12/19	1.170,0	67,5%	710,0	60,6%
03/12/19	1.270,3	64,7%	620,0	65,6%
04/12/19	1.200,0	66,7%	630,0	65,0%
05/12/19	1.270,0	64,7%	605,0	66,4%
06/12/19	1.260,0	65,0%	585,0	67,5%
07/12/19	1.190,0	66,9%	492,0	72,7%
08/12/19	1.146,0	68,2%	474,0	73,7%
09/12/19	2.000,0	44,4%	525,0	70,8%
10/12/19	1.200,0	66,7%	602,0	66,6%
11/12/19	1.185,0	67,1%	595,0	66,9%
12/12/19	1.192,0	66,9%	609,0	66,2%
13/12/19	1.170,0	67,5%	585,0	67,5%
14/12/19	1.180,0	67,2%	490,0	72,8%
15/12/19	1.100,0	69,4%	460,0	74,4%
16/12/19	1.160,0	67,8%	602,0	66,6%
17/12/19	1.145,0	68,2%	573,0	68,2%
18/12/19	1.150,0	68,1%	560,0	68,9%
19/12/19	1.130,0	68,6%	545,0	69,7%
20/12/19	1.105,0	69,3%	520,0	71,1%
21/12/19	1.066,0	70,4%	445,0	75,3%
22/12/19	1.050,0	70,8%	390,0	78,3%
23/12/19	1.075,0	70,1%	410,0	77,2%
24/12/19	1.030,0	71,4%	335,0	81,4%
25/12/19	935,0	74,0%	312,0	82,7%
26/12/19	1.046,0	70,9%	420,0	76,7%
27/12/19	1.080,0	70,0%	445,0	75,3%
28/12/19	1.060,0	70,6%	445,0	75,3%
29/12/19	1.050,0	70,8%	390,0	78,3%
30/12/19	1.070,0	70,3%	410,0	77,2%
31/12/19	1.030,0	71,4%	330,0	81,7%
<b>Total</b>	<b>34.780,3</b>	<b>67,8%</b>	<b>15.238,0</b>	<b>71,8%</b>





**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Guararema - Tipo V		Sumaré - Tipo IV	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	480,0	73,3%	244,0	75,4%
02/12/19	500,0	72,2%	500,0	49,5%
03/12/19	560,0	68,9%	511,4	48,3%
04/12/19	550,0	69,4%	440,0	55,6%
05/12/19	510,0	71,7%	440,0	55,6%
06/12/19	496,0	72,4%	425,0	57,1%
07/12/19	440,0	75,6%	277,0	72,0%
08/12/19	456,0	74,7%	234,0	76,4%
09/12/19	525,0	70,8%	426,0	57,0%
10/12/19	437,0	75,7%	429,0	56,7%
11/12/19	465,0	74,2%	426,0	57,0%
12/12/19	592,0	67,1%	427,0	56,9%
13/12/19	590,0	67,2%	350,0	64,6%
14/12/19	490,0	72,8%	230,0	76,8%
15/12/19	450,0	75,0%	217,0	78,1%
16/12/19	450,0	75,0%	380,0	61,6%
17/12/19	410,0	77,2%	372,0	62,4%
18/12/19	450,0	75,0%	350,0	64,6%
19/12/19	480,0	73,3%	306,0	69,1%
20/12/19	500,0	72,2%	270,0	72,7%
21/12/19	528,0	70,7%	177,0	82,1%
22/12/19	457,0	74,6%	93,0	90,6%
23/12/19	472,0	73,8%	150,0	84,8%
24/12/19	457,0	74,6%	47,0	95,3%
25/12/19	420,0	76,7%	15,4	98,4%
26/12/19	528,0	70,7%	154,0	84,4%
27/12/19	513,0	71,5%	175,0	82,3%
28/12/19	510,0	71,7%	177,0	82,1%
29/12/19	460,0	74,4%	93,0	90,6%
30/12/19	470,0	73,9%	150,0	84,8%
31/12/19	460,0	74,4%	47,0	95,3%
<b>Total</b>	<b>14.646,0</b>	<b>72,9%</b>	<b>8.485,8</b>	<b>71,4%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Campinas - Tipo V		Indaiatuba - Tipo III	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	47,0	97,4%	76,0	82,4%
02/12/19	80,0	95,6%	70,0	83,8%
03/12/19	72,1	96,0%	95,3	78,0%
04/12/19	71,0	96,1%	90,0	79,2%
05/12/19	67,0	96,3%	90,0	79,2%
06/12/19	62,5	96,5%	94,0	78,3%
07/12/19	49,0	97,3%	42,0	90,3%
08/12/19	47,0	97,4%	14,0	96,8%
09/12/19	65,0	96,4%	73,0	83,1%
10/12/19	64,0	96,4%	91,0	79,0%
11/12/19	64,0	96,4%	90,0	79,2%
12/12/19	65,0	96,4%	87,0	79,9%
13/12/19	60,0	96,7%	77,0	82,2%
14/12/19	47,0	97,4%	70,0	83,8%
15/12/19	43,0	97,6%	69,0	84,0%
16/12/19	62,0	96,6%	83,0	80,8%
17/12/19	58,0	96,8%	90,0	79,2%
18/12/19	59,0	96,7%	85,0	80,3%
19/12/19	58,0	96,8%	71,0	83,6%
20/12/19	55,0	96,9%	77,0	82,2%
21/12/19	42,0	97,7%	74,0	82,9%
22/12/19	41,0	97,7%	64,0	85,2%
23/12/19	56,0	96,9%	70,0	83,8%
24/12/19	29,0	98,4%	11,3	97,4%
25/12/19	27,0	98,5%	2,4	99,4%
26/12/19	50,0	97,2%	58,0	86,6%
27/12/19	50,0	97,2%	70,0	83,8%
28/12/19	42,0	97,7%	70,0	83,8%
29/12/19	41,0	97,7%	65,0	85,0%
30/12/19	55,0	96,9%	70,0	83,8%
31/12/19	30,0	98,3%	15,0	96,5%
<b>Total</b>	<b>1.628,6</b>	<b>97,0%</b>	<b>2.089,0</b>	<b>83,9%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Itirapina - Tipo I		Itu - Tipo VI	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	0,0	100,0%	376,0	89,6%
02/12/19	0,0	100,0%	440,0	87,8%
03/12/19	0,0	100,0%	430,0	88,1%
04/12/19	0,0	100,0%	415,0	88,5%
05/12/19	0,0	100,0%	416,0	88,4%
06/12/19	0,0	100,0%	411,0	88,6%
07/12/19	0,0	100,0%	380,0	89,4%
08/12/19	0,0	100,0%	365,0	89,9%
09/12/19	0,0	100,0%	396,0	89,0%
10/12/19	0,5	99,6%	370,0	89,7%
11/12/19	2,5	97,8%	396,0	89,0%
12/12/19	0,0	100,0%	411,0	88,6%
13/12/19	0,0	100,0%	401,0	88,9%
14/12/19	0,0	100,0%	360,0	90,0%
15/12/19	0,0	100,0%	356,0	90,1%
16/12/19	0,0	100,0%	400,0	88,9%
17/12/19	0,0	100,0%	397,0	89,0%
18/12/19	0,0	100,0%	395,0	89,0%
19/12/19	0,0	100,0%	385,0	89,3%
20/12/19	0,0	100,0%	359,0	90,0%
21/12/19	0,0	100,0%	343,0	90,5%
22/12/19	0,0	100,0%	331,0	90,8%
23/12/19	0,0	100,0%	330,0	90,8%
24/12/19	0,0	100,0%	310,0	91,4%
25/12/19	0,0	100,0%	302,0	91,6%
26/12/19	0,0	100,0%	335,0	90,7%
27/12/19	0,0	100,0%	330,0	90,8%
28/12/19	0,0	100,0%	310,0	91,4%
29/12/19	0,0	100,0%	302,0	91,6%
30/12/19	0,0	100,0%	320,0	91,1%
31/12/19	0,0	100,0%	310,0	91,4%
<b>Total</b>	<b>3,0</b>	<b>99,9%</b>	<b>11.072,0</b>	<b>89,7%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Porto Feliz - Tipo V		Araçoiaba da Serra - Tipo III	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	295,0	83,6%	163,0	62,3%
02/12/19	430,0	76,1%	170,0	60,7%
03/12/19	460,0	74,4%	180,0	58,4%
04/12/19	455,0	74,7%	200,0	53,8%
05/12/19	458,0	74,6%	180,0	58,4%
06/12/19	428,0	76,2%	179,0	58,6%
07/12/19	340,0	81,1%	172,0	60,2%
08/12/19	290,0	83,9%	167,0	61,4%
09/12/19	375,0	79,2%	185,0	57,2%
10/12/19	254,0	85,9%	182,0	57,9%
11/12/19	462,0	74,3%	180,0	58,4%
12/12/19	417,0	76,8%	175,0	59,5%
13/12/19	392,0	78,2%	170,0	60,7%
14/12/19	307,0	82,9%	166,0	61,6%
15/12/19	300,0	83,3%	166,0	61,6%
16/12/19	380,0	78,9%	170,0	60,7%
17/12/19	371,0	79,4%	175,0	59,5%
18/12/19	368,0	79,6%	175,0	59,5%
19/12/19	287,0	84,1%	175,0	59,5%
20/12/19	264,0	85,3%	174,0	59,8%
21/12/19	275,0	84,7%	163,0	62,3%
22/12/19	256,0	85,8%	160,0	63,0%
23/12/19	260,0	85,6%	164,0	62,1%
24/12/19	186,0	89,7%	165,0	61,8%
25/12/19	151,0	91,6%	160,0	63,0%
26/12/19	245,0	86,4%	172,0	60,2%
27/12/19	264,0	85,3%	170,0	60,7%
28/12/19	185,0	89,7%	165,0	61,8%
29/12/19	155,0	91,4%	160,0	63,0%
30/12/19	235,0	86,9%	170,0	60,7%
31/12/19	190,0	89,4%	165,0	61,8%
<b>Total</b>	<b>9.545,0</b>	<b>82,3%</b>	<b>5.153,0</b>	<b>60,3%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Itapetininga - Tipo IV		GEMINI - Tipo IV	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	2,0	99,8%	0,0	100,0%
02/12/19	9,0	99,1%	0,0	100,0%
03/12/19	8,5	99,1%	420,0	57,6%
04/12/19	6,5	99,3%	430,0	56,6%
05/12/19	5,3	99,5%	430,0	56,6%
06/12/19	3,8	99,6%	435,0	56,1%
07/12/19	0,2	100,0%	426,0	57,0%
08/12/19	0,9	99,9%	422,0	57,4%
09/12/19	5,7	99,4%	420,0	57,6%
10/12/19	5,7	99,4%	370,0	62,6%
11/12/19	6,7	99,3%	0,1	100,0%
12/12/19	6,5	99,3%	0,2	100,0%
13/12/19	6,0	99,4%	0,1	100,0%
14/12/19	0,9	99,9%	0,0	100,0%
15/12/19	3,1	99,7%	0,0	100,0%
16/12/19	8,9	99,1%	0,1	100,0%
17/12/19	5,0	99,5%	328,0	66,9%
18/12/19	7,0	99,3%	432,0	56,4%
19/12/19	3,2	99,7%	428,0	56,8%
20/12/19	3,0	99,7%	429,0	56,7%
21/12/19	1,2	99,9%	422,0	57,4%
22/12/19	0,3	100,0%	7,7	99,2%
23/12/19	3,1	99,7%	0,0	100,0%
24/12/19	0,1	100,0%	0,0	100,0%
25/12/19	0,0	100,0%	0,0	100,0%
26/12/19	1,8	99,8%	0,0	100,0%
27/12/19	3,0	99,7%	240,0	75,8%
28/12/19	0,1	100,0%	430,0	56,6%
29/12/19	0,0	100,0%	430,0	56,6%
30/12/19	1,8	99,8%	430,0	56,6%
31/12/19	0,1	100,0%	430,0	56,6%
<b>Total</b>	<b>109,3</b>	<b>99,6%</b>	<b>6.930,2</b>	<b>76,7%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	REPAR - Tipo VI		REPLAN - Tipo VI	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	1.245,5	65,4%	2.075,0	42,4%
02/12/19	1.220,0	66,1%	2.440,0	32,2%
03/12/19	1.210,0	66,4%	2.520,0	30,0%
04/12/19	1.160,0	67,8%	2.400,0	33,3%
05/12/19	1.170,0	67,5%	2.350,0	34,7%
06/12/19	1.170,0	67,5%	2.380,0	33,9%
07/12/19	1.166,7	67,6%	2.440,5	32,2%
08/12/19	1.159,0	67,8%	1.916,0	46,8%
09/12/19	1.180,0	67,2%	1.950,0	45,8%
10/12/19	1.200,0	66,7%	2.000,0	44,4%
11/12/19	1.220,0	66,1%	2.080,0	42,2%
12/12/19	1.160,0	67,8%	2.100,0	41,7%
13/12/19	1.160,0	67,8%	2.000,0	44,4%
14/12/19	1.150,0	68,1%	2.000,0	44,4%
15/12/19	1.150,0	68,1%	2.000,0	44,4%
16/12/19	1.220,0	66,1%	2.010,0	44,2%
17/12/19	1.250,0	65,3%	2.250,0	37,5%
18/12/19	1.300,0	63,9%	2.000,0	44,4%
19/12/19	1.380,0	61,7%	1.950,0	45,8%
20/12/19	1.350,0	62,5%	1.950,0	45,8%
21/12/19	1.350,0	62,5%	1.950,0	45,8%
22/12/19	1.300,0	63,9%	2.000,0	44,4%
23/12/19	1.300,0	63,9%	2.065,0	42,6%
24/12/19	1.300,0	63,9%	2.095,5	41,8%
25/12/19	1.300,0	63,9%	2.095,5	41,8%
26/12/19	1.300,0	63,9%	2.090,0	41,9%
27/12/19	1.270,0	64,7%	2.190,0	39,2%
28/12/19	1.250,0	65,3%	2.150,0	40,3%
29/12/19	1.250,0	65,3%	2.150,0	40,3%
30/12/19	1.250,0	65,3%	2.150,0	40,3%
31/12/19	1.250,0	65,3%	2.150,0	40,3%
<b>Total</b>	<b>37.091,2</b>	<b>65,7%</b>	<b>63.747,6</b>	<b>41,0%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Canoas UTE - Tipo VI		EMED Gascar	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	0,0	100,0%	1.294,4	91,4%
02/12/19	0,0	100,0%	1.640,0	89,1%
03/12/19	0,0	100,0%	620,0	95,9%
04/12/19	0,0	100,0%	0,0	100,0%
05/12/19	0,0	100,0%	0,0	100,0%
06/12/19	0,0	100,0%	0,0	100,0%
07/12/19	0,0	100,0%	0,0	100,0%
08/12/19	0,0	100,0%	0,0	100,0%
09/12/19	0,0	100,0%	0,0	0,0%
10/12/19	0,0	100,0%	0,0	0,0%
11/12/19	0,0	100,0%	0,0	0,0%
12/12/19	0,0	100,0%	0,0	0,0%
13/12/19	0,0	100,0%	0,0	0,0%
14/12/19	0,0	100,0%	0,0	0,0%
15/12/19	0,0	100,0%	0,0	0,0%
16/12/19	0,0	100,0%	0,0	100,0%
17/12/19	0,0	100,0%	0,0	100,0%
18/12/19	0,0	100,0%	0,0	100,0%
19/12/19	0,0	100,0%	0,0	100,0%
20/12/19	0,0	100,0%	0,0	100,0%
21/12/19	0,0	100,0%	0,0	100,0%
22/12/19	0,0	100,0%	0,0	100,0%
23/12/19	0,0	100,0%	0,0	100,0%
24/12/19	0,0	100,0%	0,0	100,0%
25/12/19	0,0	100,0%	0,0	100,0%
26/12/19	0,0	100,0%	0,0	100,0%
27/12/19	0,0	100,0%	0,0	100,0%
28/12/19	0,0	100,0%	0,0	100,0%
29/12/19	0,0	100,0%	0,0	100,0%
30/12/19	0,0	100,0%	0,0	100,0%
31/12/19	0,0	100,0%	0,0	100,0%
<b>Total</b>	<b>0,0</b>	<b>100,0%</b>	<b>3.554,4</b>	<b>75,9%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	EMED Jacutinga		EMED Guararema	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	320,0	82,2%	3.058,3	79,6%
02/12/19	300,0	83,3%	4.010,0	73,3%
03/12/19	360,1	80,0%	5.200,0	65,3%
04/12/19	300,0	83,3%	4.740,0	68,4%
05/12/19	310,0	82,8%	2.935,0	80,4%
06/12/19	310,0	82,8%	2.950,0	80,3%
07/12/19	310,0	82,8%	2.811,4	81,3%
08/12/19	302,0	83,2%	1.959,0	86,9%
09/12/19	310,0	82,8%	1.880,0	87,5%
10/12/19	310,0	82,8%	1.900,0	87,3%
11/12/19	310,0	82,8%	2.100,0	86,0%
12/12/19	310,0	82,8%	3.560,0	76,3%
13/12/19	310,0	82,8%	3.100,0	79,3%
14/12/19	310,0	82,8%	4.760,0	68,3%
15/12/19	310,0	82,8%	5.450,0	63,7%
16/12/19	310,0	82,8%	3.700,0	75,3%
17/12/19	305,0	83,1%	2.300,0	84,7%
18/12/19	250,0	86,1%	2.700,0	82,0%
19/12/19	207,0	88,5%	2.100,0	86,0%
20/12/19	243,0	86,5%	2.000,0	86,7%
21/12/19	250,0	86,1%	1.870,0	87,5%
22/12/19	250,0	86,1%	1.840,0	87,7%
23/12/19	218,0	87,9%	1.900,0	87,3%
24/12/19	250,0	86,1%	2.145,0	85,7%
25/12/19	235,0	86,9%	2.000,0	86,7%
26/12/19	200,0	88,9%	3.400,0	77,3%
27/12/19	205,0	88,6%	5.291,7	64,7%
28/12/19	200,0	88,9%	4.833,3	67,8%
29/12/19	200,0	88,9%	2.000,0	86,7%
30/12/19	200,0	88,9%	2.000,0	86,7%
31/12/19	310,0	82,8%	2.000,0	86,7%
<b>Total</b>	<b>8.205,1</b>	<b>84,8%</b>	<b>90.493,7</b>	<b>79,9%</b>





**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Campo Largo Tipo III		Araucária CIC - Tipo V	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	125,0	71,1%	1.015,0	43,6%
02/12/19	220,0	49,1%	1.200,0	33,3%
03/12/19	175,0	59,5%	1.190,0	33,9%
04/12/19	176,0	59,3%	1.190,0	33,9%
05/12/19	180,0	58,4%	1.215,0	32,5%
06/12/19	186,0	57,0%	1.165,0	35,3%
07/12/19	152,0	64,9%	1.014,0	43,7%
08/12/19	121,0	72,0%	977,0	45,7%
09/12/19	175,0	59,5%	1.150,0	36,1%
10/12/19	180,0	58,4%	1.200,0	33,3%
11/12/19	180,0	58,4%	1.200,0	33,3%
12/12/19	171,0	60,5%	1.120,0	37,8%
13/12/19	171,0	60,5%	1.110,0	38,3%
14/12/19	148,0	65,8%	1.030,0	42,8%
15/12/19	126,0	70,9%	995,0	44,7%
16/12/19	168,0	61,2%	1.100,0	38,9%
17/12/19	128,0	70,4%	1.110,0	38,3%
18/12/19	201,0	53,5%	1.130,0	37,2%
19/12/19	168,0	61,2%	1.120,0	37,8%
20/12/19	160,0	63,0%	1.105,0	38,6%
21/12/19	132,0	69,5%	1.065,0	40,8%
22/12/19	110,0	74,6%	1.015,0	43,6%
23/12/19	122,0	71,8%	1.050,0	41,7%
24/12/19	85,0	80,3%	977,0	45,7%
25/12/19	64,0	85,2%	945,0	47,5%
26/12/19	115,0	73,4%	1.050,0	41,7%
27/12/19	116,0	73,2%	1.050,0	41,7%
28/12/19	120,0	72,3%	1.050,0	41,7%
29/12/19	100,0	76,9%	980,0	45,6%
30/12/19	115,0	73,4%	1.050,0	41,7%
31/12/19	116,0	73,2%	1.050,0	41,7%
<b>Total</b>	<b>4.390,0</b>	<b>66,2%</b>	<b>32.568,0</b>	<b>39,7%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Araucária UTE - Tipo V - M		Joinville - Tipo II	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	0,0	100,0%	129,2	49,3%
02/12/19	0,0	100,0%	190,0	25,5%
03/12/19	0,0	100,0%	185,0	27,5%
04/12/19	0,0	100,0%	180,0	29,4%
05/12/19	0,0	100,0%	185,0	27,5%
06/12/19	0,0	100,0%	187,0	26,7%
07/12/19	0,0	100,0%	119,3	53,2%
08/12/19	0,0	100,0%	133,5	47,6%
09/12/19	0,0	100,0%	185,0	27,5%
10/12/19	0,0	100,0%	197,0	22,7%
11/12/19	0,0	100,0%	167,0	34,5%
12/12/19	0,0	100,0%	158,0	38,0%
13/12/19	0,0	100,0%	166,0	34,9%
14/12/19	0,0	100,0%	135,0	47,1%
15/12/19	0,0	100,0%	134,0	47,5%
16/12/19	0,0	100,0%	160,0	37,3%
17/12/19	0,0	100,0%	157,0	38,4%
18/12/19	13,5	99,5%	145,0	43,1%
19/12/19	0,0	100,0%	144,0	43,5%
20/12/19	0,0	100,0%	140,0	45,1%
21/12/19	0,0	100,0%	72,0	71,8%
22/12/19	0,0	100,0%	44,0	82,7%
23/12/19	0,0	100,0%	58,0	77,3%
24/12/19	0,0	100,0%	32,0	87,5%
25/12/19	0,0	100,0%	24,2	90,5%
26/12/19	0,0	100,0%	52,0	79,6%
27/12/19	0,0	100,0%	52,0	79,6%
28/12/19	0,0	100,0%	70,0	72,5%
29/12/19	0,0	100,0%	45,0	82,4%
30/12/19	0,0	100,0%	55,0	78,4%
31/12/19	0,0	100,0%	35,0	86,3%
<b>Total</b>	<b>13,5</b>	<b>100,0%</b>	<b>3.701,2</b>	<b>51,6%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Guaramirim - Tipo IV		Gaspar - Tipo IV	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	354,4	64,2%	116,3	88,3%
02/12/19	520,0	47,5%	260,0	73,7%
03/12/19	460,0	53,5%	225,0	77,3%
04/12/19	428,0	56,8%	225,0	77,3%
05/12/19	419,0	57,7%	230,0	76,8%
06/12/19	428,0	56,8%	235,0	76,3%
07/12/19	339,4	65,7%	125,3	87,3%
08/12/19	330,7	66,6%	110,3	88,9%
09/12/19	450,0	54,5%	232,0	76,6%
10/12/19	430,0	56,6%	220,0	77,8%
11/12/19	460,0	53,5%	223,0	77,5%
12/12/19	448,0	54,7%	233,0	76,5%
13/12/19	445,0	55,1%	220,0	77,8%
14/12/19	330,0	66,7%	134,0	86,5%
15/12/19	335,0	66,2%	110,0	88,9%
16/12/19	440,0	55,6%	220,0	77,8%
17/12/19	430,0	56,6%	207,0	79,1%
18/12/19	401,0	59,5%	190,0	80,8%
19/12/19	364,0	63,2%	176,0	82,2%
20/12/19	317,0	68,0%	167,0	83,1%
21/12/19	215,0	78,3%	78,0	92,1%
22/12/19	207,0	79,1%	46,0	95,4%
23/12/19	224,0	77,4%	73,0	92,6%
24/12/19	197,0	80,1%	46,0	95,4%
25/12/19	185,0	81,3%	35,4	96,4%
26/12/19	218,0	78,0%	80,0	91,9%
27/12/19	220,0	77,8%	79,0	92,0%
28/12/19	215,0	78,3%	78,0	92,1%
29/12/19	205,0	79,3%	50,0	94,9%
30/12/19	220,0	77,8%	75,0	92,4%
31/12/19	195,0	80,3%	45,0	95,5%
<b>Total</b>	<b>10.235,5</b>	<b>65,5%</b>	<b>4.499,3</b>	<b>84,9%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Brusque - Tipo II		Tijucas - Tipo II - M	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	10,5	95,9%	282,6	34,7%
02/12/19	30,0	88,2%	340,0	21,4%
03/12/19	26,0	89,8%	310,0	28,3%
04/12/19	25,2	90,1%	330,0	23,7%
05/12/19	25,0	90,2%	315,0	27,2%
06/12/19	23,5	90,8%	320,0	26,0%
07/12/19	13,7	94,6%	289,8	33,0%
08/12/19	15,7	93,9%	272,9	36,9%
09/12/19	26,3	89,7%	315,0	27,2%
10/12/19	25,5	90,0%	310,0	28,3%
11/12/19	27,0	89,4%	312,0	27,9%
12/12/19	24,0	90,6%	284,0	34,3%
13/12/19	25,0	90,2%	308,0	28,8%
14/12/19	12,5	95,1%	290,0	32,9%
15/12/19	9,5	96,3%	267,0	38,3%
16/12/19	22,4	91,2%	300,0	30,6%
17/12/19	20,0	92,2%	297,0	31,3%
18/12/19	15,4	94,0%	285,0	34,1%
19/12/19	14,0	94,5%	326,0	24,6%
20/12/19	12,0	95,3%	325,0	24,9%
21/12/19	7,9	96,9%	279,0	35,5%
22/12/19	5,9	97,7%	270,0	37,6%
23/12/19	10,0	96,1%	298,0	31,1%
24/12/19	6,4	97,5%	280,0	35,3%
25/12/19	3,8	98,5%	270,0	37,6%
26/12/19	7,3	97,1%	300,0	30,6%
27/12/19	7,0	97,3%	300,0	30,6%
28/12/19	8,0	96,9%	280,0	35,3%
29/12/19	6,0	97,6%	270,0	37,6%
30/12/19	9,0	96,5%	290,0	32,9%
31/12/19	7,0	97,3%	280,0	35,3%
<b>Total</b>	<b>474,5</b>	<b>93,8%</b>	<b>8.916,3</b>	<b>31,3%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	São Pedro de Alcântara - Tipo III		Tubarão - Tipo II	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	96,8	77,6%	130,5	48,8%
02/12/19	180,0	58,4%	140,0	45,1%
03/12/19	130,0	69,9%	135,0	47,1%
04/12/19	138,0	68,1%	133,0	47,8%
05/12/19	145,0	66,5%	135,0	47,1%
06/12/19	160,0	63,0%	140,0	45,1%
07/12/19	143,1	66,9%	129,0	49,4%
08/12/19	104,2	75,9%	125,6	50,7%
09/12/19	144,0	66,7%	125,0	51,0%
10/12/19	140,0	67,6%	140,0	45,1%
11/12/19	144,0	66,7%	135,0	47,1%
12/12/19	146,0	66,2%	134,0	47,5%
13/12/19	162,0	62,5%	140,0	45,1%
14/12/19	140,0	67,6%	122,0	52,2%
15/12/19	101,0	76,6%	122,0	52,2%
16/12/19	140,0	67,6%	140,0	45,1%
17/12/19	144,0	66,7%	132,0	48,2%
18/12/19	143,0	66,9%	138,0	45,9%
19/12/19	142,0	67,2%	138,0	45,9%
20/12/19	153,0	64,6%	135,0	47,1%
21/12/19	131,0	69,7%	131,0	48,6%
22/12/19	105,0	75,7%	125,0	51,0%
23/12/19	138,0	68,1%	134,0	47,5%
24/12/19	112,0	74,1%	131,0	48,6%
25/12/19	86,0	80,1%	113,0	55,7%
26/12/19	130,0	69,9%	133,0	47,8%
27/12/19	130,0	69,9%	130,0	49,0%
28/12/19	130,0	69,9%	131,0	48,6%
29/12/19	105,0	75,7%	125,0	51,0%
30/12/19	135,0	68,8%	135,0	47,1%
31/12/19	115,0	73,4%	130,0	49,0%
<b>Total</b>	<b>3.998,1</b>	<b>69,2%</b>	<b>3.957,1</b>	<b>48,3%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Urussanga - Tipo III		Nova Veneza - Tipo II - M	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	294,4	31,9%	375,2	13,3%
02/12/19	320,0	26,0%	420,0	2,9%
03/12/19	315,0	27,2%	400,0	7,5%
04/12/19	325,0	24,9%	385,0	11,0%
05/12/19	317,0	26,7%	380,0	12,1%
06/12/19	325,0	24,9%	405,0	6,4%
07/12/19	306,6	29,1%	371,9	14,0%
08/12/19	299,2	30,8%	370,6	14,3%
09/12/19	330,0	23,7%	400,0	7,5%
10/12/19	320,0	26,0%	400,0	7,5%
11/12/19	323,0	25,3%	400,0	7,5%
12/12/19	317,0	26,7%	390,0	9,8%
13/12/19	333,0	23,0%	395,0	8,7%
14/12/19	326,0	24,6%	356,0	17,7%
15/12/19	305,0	29,5%	340,0	21,4%
16/12/19	330,0	23,7%	365,0	15,6%
17/12/19	330,0	23,7%	365,0	15,6%
18/12/19	325,0	24,9%	367,0	15,1%
19/12/19	328,0	24,2%	375,0	13,3%
20/12/19	325,0	24,9%	382,0	11,7%
21/12/19	320,0	26,0%	363,0	16,1%
22/12/19	315,0	27,2%	344,0	20,5%
23/12/19	310,0	28,3%	337,0	22,1%
24/12/19	305,0	29,5%	340,0	21,4%
25/12/19	282,0	34,8%	317,0	26,7%
26/12/19	303,0	29,9%	336,0	22,3%
27/12/19	310,0	28,3%	340,0	21,4%
28/12/19	315,0	27,2%	345,0	20,2%
29/12/19	310,0	28,3%	340,0	21,4%
30/12/19	315,0	27,2%	340,0	21,4%
31/12/19	305,0	29,5%	335,0	22,5%
<b>Total</b>	<b>9.479,2</b>	<b>26,9%</b>	<b>11.044,7</b>	<b>14,9%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	V. do Cedro - Tipo III		Igrejinha - Tipo I	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	76,4	82,3%	21,8	80,5%
02/12/19	240,0	44,5%	28,0	75,0%
03/12/19	200,0	53,8%	24,0	78,6%
04/12/19	200,0	53,8%	24,0	78,6%
05/12/19	200,0	53,8%	23,3	79,2%
06/12/19	200,0	53,8%	23,7	78,8%
07/12/19	80,0	81,5%	19,8	82,3%
08/12/19	74,5	82,8%	19,6	82,5%
09/12/19	195,0	54,9%	22,0	80,4%
10/12/19	200,0	53,8%	20,8	81,4%
11/12/19	200,0	53,8%	23,0	79,5%
12/12/19	197,0	54,5%	25,6	77,1%
13/12/19	185,0	57,2%	24,3	78,3%
14/12/19	70,0	83,8%	18,4	83,6%
15/12/19	64,0	85,2%	19,0	83,0%
16/12/19	170,0	60,7%	18,6	83,4%
17/12/19	168,0	61,2%	19,0	83,0%
18/12/19	162,0	62,5%	19,0	83,0%
19/12/19	159,0	63,2%	20,0	82,1%
20/12/19	133,0	69,2%	19,0	83,0%
21/12/19	62,0	85,7%	19,6	82,5%
22/12/19	41,0	90,5%	18,0	83,9%
23/12/19	68,0	84,3%	17,8	84,1%
24/12/19	39,0	91,0%	15,3	86,3%
25/12/19	29,0	93,3%	18,1	83,8%
26/12/19	62,0	85,7%	20,5	81,7%
27/12/19	62,0	85,7%	20,0	82,1%
28/12/19	62,0	85,7%	19,0	83,0%
29/12/19	42,0	90,3%	18,0	83,9%
30/12/19	65,0	85,0%	19,0	83,0%
31/12/19	40,0	90,8%	16,0	85,7%
<b>Total</b>	<b>3.705,8</b>	<b>71,4%</b>	<b>618,2</b>	<b>81,6%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Araricá - Tipo II - M		Cachoeirinha - Tipo IV	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	191,4	55,7%	312,1	68,5%
02/12/19	210,0	51,4%	390,0	60,6%
03/12/19	210,0	51,4%	390,0	60,6%
04/12/19	205,0	52,6%	350,0	64,6%
05/12/19	208,0	51,9%	350,0	64,6%
06/12/19	208,0	51,9%	350,0	64,6%
07/12/19	200,7	53,6%	320,0	67,7%
08/12/19	191,6	55,7%	298,3	69,9%
09/12/19	205,0	52,6%	340,0	65,7%
10/12/19	205,0	52,6%	340,0	65,7%
11/12/19	203,0	53,1%	342,0	65,5%
12/12/19	206,0	52,4%	338,0	65,9%
13/12/19	210,0	51,4%	345,0	65,2%
14/12/19	189,0	56,3%	313,0	68,4%
15/12/19	180,0	58,4%	280,0	71,7%
16/12/19	195,0	54,9%	327,0	67,0%
17/12/19	200,0	53,8%	330,0	66,7%
18/12/19	195,0	54,9%	328,0	66,9%
19/12/19	196,0	54,7%	327,0	67,0%
20/12/19	195,0	54,9%	325,0	67,2%
21/12/19	190,0	56,1%	312,0	68,5%
22/12/19	180,0	58,4%	270,0	72,7%
23/12/19	185,0	57,2%	295,0	70,2%
24/12/19	180,0	58,4%	250,0	74,7%
25/12/19	169,0	60,9%	230,0	76,8%
26/12/19	185,0	57,2%	280,0	71,7%
27/12/19	183,0	57,7%	275,0	72,2%
28/12/19	180,0	58,4%	270,0	72,7%
29/12/19	178,0	58,8%	260,0	73,7%
30/12/19	185,0	57,2%	270,0	72,7%
31/12/19	180,0	58,4%	250,0	74,7%
<b>Total</b>	<b>5.818,7</b>	<b>55,2%</b>	<b>9.407,4</b>	<b>68,3%</b>





**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Entrega (Mm <sup>3</sup> )			
	Canoas - Tipo V		Refap - Tipo IV	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	683,0	62,1%	768,0	22,4%
02/12/19	800,0	55,6%	710,0	28,3%
03/12/19	770,0	57,2%	800,0	19,2%
04/12/19	825,0	54,2%	760,0	23,2%
05/12/19	850,0	52,8%	770,0	22,2%
06/12/19	860,0	52,2%	750,0	24,2%
07/12/19	805,0	55,3%	710,0	28,3%
08/12/19	704,0	60,9%	697,0	29,6%
09/12/19	905,0	49,7%	660,0	33,3%
10/12/19	835,0	53,6%	660,0	33,3%
11/12/19	835,0	53,6%	665,0	32,8%
12/12/19	900,0	50,0%	565,0	42,9%
13/12/19	875,0	51,4%	680,0	31,3%
14/12/19	717,0	60,2%	630,0	36,4%
15/12/19	625,0	65,3%	540,0	45,5%
16/12/19	835,0	53,6%	600,0	39,4%
17/12/19	850,0	52,8%	665,0	32,8%
18/12/19	908,0	49,6%	705,0	28,8%
19/12/19	900,0	50,0%	650,0	34,3%
20/12/19	860,0	52,2%	600,0	39,4%
21/12/19	810,0	55,0%	610,0	38,4%
22/12/19	650,0	63,9%	650,0	34,3%
23/12/19	685,0	61,9%	650,0	34,3%
24/12/19	630,0	65,0%	650,0	34,3%
25/12/19	520,0	71,1%	650,0	34,3%
26/12/19	700,0	61,1%	670,0	32,3%
27/12/19	705,0	60,8%	650,0	34,3%
28/12/19	700,0	61,1%	650,0	34,3%
29/12/19	650,0	63,9%	650,0	34,3%
30/12/19	680,0	62,2%	650,0	34,3%
31/12/19	650,0	63,9%	650,0	34,3%
<b>Total</b>	<b>23.072,0</b>	<b>57,3%</b>	<b>20.065,0</b>	<b>32,4%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

Tabela 1 dezembro-19	Volumes Programados para Recebimento (Mm <sup>3</sup> )			
	EMED Mutun		EMED Gascar	
	Programado	% ociosidade	Programado	% ociosidade
01/12/19	28.021,9	29,9%	0,0	0,0%
02/12/19	24.018,8	40,0%	0,0	0,0%
03/12/19	24.018,8	40,0%	0,0	0,0%
04/12/19	24.018,8	40,0%	0,0	100,0%
05/12/19	23.018,0	42,5%	0,0	100,0%
06/12/19	22.017,2	45,0%	0,0	100,0%
07/12/19	18.014,1	55,0%	0,0	100,0%
08/12/19	16.012,5	60,0%	0,0	100,0%
09/12/19	13.510,6	66,2%	5.937,5	60,4%
10/12/19	13.510,6	66,2%	7.500,0	50,0%
11/12/19	13.510,6	66,2%	7.500,0	50,0%
12/12/19	13.510,6	66,2%	8.200,0	45,3%
13/12/19	12.751,6	68,1%	8.803,4	41,3%
14/12/19	12.209,5	69,5%	8.077,2	46,2%
15/12/19	19.215,0	52,0%	741,5	95,1%
16/12/19	19.215,0	52,0%	0,0	100,0%
17/12/19	22.017,2	45,0%	0,0	100,0%
18/12/19	22.017,2	45,0%	0,0	100,0%
19/12/19	22.017,2	45,0%	0,0	100,0%
20/12/19	22.017,2	45,0%	0,0	100,0%
21/12/19	16.212,7	59,5%	0,0	100,0%
22/12/19	16.212,7	59,5%	0,0	100,0%
23/12/19	16.212,7	59,5%	0,0	100,0%
24/12/19	16.212,7	59,5%	0,0	100,0%
25/12/19	16.212,7	59,5%	0,0	100,0%
26/12/19	16.212,7	59,5%	0,0	100,0%
27/12/19	16.212,7	59,5%	0,0	100,0%
28/12/19	18.214,2	54,5%	0,0	100,0%
29/12/19	18.214,2	54,5%	0,0	100,0%
30/12/19	18.214,2	54,5%	0,0	100,0%
31/12/19	18.214,2	54,5%	0,0	100,0%
<b>Total</b>	<b>552.773,4</b>	<b>53,9%</b>	<b>46.759,6</b>	<b>79,6%</b>



**RELATÓRIO DE MONITORAMENTO DE UTILIZAÇÃO DA  
CAPACIDADE DOS PONTOS RELEVANTES  
Gasoduto Bolívia-Brasil**

**Tabela 2: Vazão Máxima por Ponto de Entrega**

Tipos	Mm <sup>3</sup>
	Vazão Máx
I	112,0
II	255,0
II MOD	432,5
III	432,5
IV	990,0
V	1.800,0
V MOD	2.500,0
VI	3.600,0

**Tabela 3: Vazão Máxima EMEDs**

EMEDs	Mm <sup>3</sup>
	Vazão
Mutun*	40.000,0
Guararema	15.000,0
Gascar **	15.000,0
Gaspaj	1.200,0

\* Ponto de Recebimento

\*\* Ponto de Recebimento e Entrega

Os valores relativos ao percentual de ociosidade nos Pontos de Entrega e Recebimento dizem respeito à configuração de projeto dos mesmos. Desta forma, a capacidade comercial ou técnica de entrega disponível no Ponto de Entrega ou Recebimento deverá ser obtida com base na capacidade dos outros elementos do sistema de transporte, tais como compressores, acionadores, dutos etc.

Os dados da tabela não correspondem ao percentual de capacidade técnica ou comercial ociosa do gasoduto no trecho em que os pontos relevantes mencionados se localizam.

A probabilidade de atendimento para cada Ponto Relevante, deverá ser calculada de acordo com a combinação das ociosidades dos Trechos mais a do Ponto Relevante em questão.

Todos os volumes programados informados referem-se à modalidade de serviço de transporte firme, através dos contratos TCQ, TCX, TCO e CPAC.

O Ponto Relevante EMED Gascar pode operar como Ponto de Entrega ou de Recebimento. Desta forma, a ociosidade para entrega ou recebimento é dada levando-se em consideração o tipo de operação.

A localização dos Pontos Relevantes encontra-se disponível no site da TBG , para consulta através do endereço [http://www.tbg.com.br/pt\\_br/o-gasoduto/tracado.htm](http://www.tbg.com.br/pt_br/o-gasoduto/tracado.htm)