



## VOLUME REPORT - 2019

Transportation Contract:	Month of Reference:	Date Updated	Revision:
GASDUC III	January 2019	05/16/2019	1

	PTR TECAB INTERCONNECTION (TECAB >> GASDUC III) (thousand m <sup>3</sup> /day)	PTR INTERCONNECTION ELISA FIELDS I (EDG CAMPOS ELÍSEOS >> GASDUC III) (thousand m <sup>3</sup> /day)	PTE GUAPIMIRIM (thousand m <sup>3</sup> /day)	PTE INTERCONNECTION ELISA FIELDS I (GASDUC III >> EDG ELISA FIELDS) (thousand m <sup>3</sup> /day)	PTE TECAB INTERCONNECTION (GASDUC III >> TECAB) (thousand m <sup>3</sup> /day)	PTE UTE Mário LAKE (thousand m <sup>3</sup> /day)	UTE Norte Fluminense (thousand m <sup>3</sup> /day)
Day 1	11 191.08	0.00	402.54	7,064.25	0.00	38.36	3,218.57
Day 2	16 275.68	0.00	583.47	9,858.21	0.00	3,246.41	3,224.45
Day 3	16 617.18	0.00	600.84	10 848.78	0.00	1,797.41	3,234.17
Day 4	10 177.63	0.00	625.19	7 304.33	126.86	0.00	3 212.41
Day 5	10 927.61	0.00	615.76	6,574.25	0.00	0.00	3 208.61
Day 6	7 650.43	0.00	497.76	3,040.49	0.00	0.00	3,214.43
Day 7	10 195.76	0.00	608.66	6,038.53	0.00	0.00	3,232.78
Day 8	13 262.62	0.00	614.61	9 689.33	0.00	0.00	3 235.15
Day 9	14 548.82	0.00	621.78	10 653.65	0.00	0.00	3,223.70
Day 10	14 979.56	0.00	613.59	11 569.48	0.00	0.00	3,215.77
Date 11	15 151.56	0.00	660.85	11 244.90	0.00	0.00	3,224.87
Date 12	14 977.14	0.00	620.81	10 235.53	0.00	0.00	3,232.29
Date 13	12 755.91	0.00	534.52	8 838.92	0.00	0.00	3,233.36
Day 14	15 306.47	0.00	605.19	11,443.49	0.00	958.85	3,425.50
Date 15	17 625.99	0.00	590.30	11,006.04	0.00	2 273.06	3,280.82
Day 16	14 014.86	0.00	589.18	8 233.58	0.00	2,254.39	3,251.13
Date 17	14 750.58	0.00	598.14	7 955.97	0.00	2,017.57	3,270.47
Date 18	13 133.20	0.00	647.29	7 205.25	0.00	2 025.63	3,249.40
Day 19	9,607.84	0.00	612.40	5 507.11	0.00	0.00	3,247.79
Date 20	11 660.10	0.00	535.97	7 853.16	0.00	0.00	3,238.91
Date 21	16 134.68	0.00	598.16	10 312.03	0.00	1 918.95	3,243.50
Date 22	15 741.54	0.00	590.99	10 959.02	0.00	859.64	3,248.10
Date 23	16 356.34	0.00	595.03	10 796.85	0.00	1,718.65	3,235.85
Date 24	13 610.29	0.00	599.18	8,004.53	0.00	1,701.21	3,236.46
Date 25	9 744.94	0.00	636.76	6,008.01	0.00	0.00	3,225.75
Date 26	12 759.90	0.00	606.69	8,663.35	0.00	0.00	3 189.99
Date 27	12 596.22	0.00	498.57	8 378.55	0.00	0.00	3 208.51
Date 28	13 492.71	0.00	585.25	9 626.73	0.00	767.86	3,459.39
Day 29	16 393.10	0.00	555.03	10 926.99	0.00	1,717.91	3,458.46
August.	14 625.20	0.00	582.15	9 242.10	0.00	885,50	3,457.82
Day 31	11 697.99	0.00	578.51	6 314.34	0.00	1,583.44	3,449.59

**NOTES:**

1 - Corresponds to the volume received or delivered corrected @ 20 ° C, 101.325 kPa and PCS 9400 kcal / m<sup>3</sup>.



## VOLUME REPORT - 2019

Transportation Contract:	Month of Reference:	Date Updated	Revision:
GASDUC III	February 2019	05/16/2019	1

	PTR TECAB INTERCONNECTION (TECAB >> GASDUC III) (thousand m <sup>3</sup> /day)	PTR INTERCONNECTION ELISA FIELDS I (EDG CAMPOS ELÍSEOS >> GASDUC III) (thousand m <sup>3</sup> /day)	PTE GUAPIMIRIM (thousand m <sup>3</sup> /day)	PTE INTERCONNECTION ELISA FIELDS I (GASDUC III >> EDG ELISA FIELDS) (thousand m <sup>3</sup> /day)	PTE TECAB INTERCONNECTION (GASDUC III >> TECAB) (thousand m <sup>3</sup> /day)	PTE UTE Mário LAKE (thousand m <sup>3</sup> /day)	UTE Norte Fluminense (thousand m <sup>3</sup> /day)
Day 1	12 479.51	0.00	649.04	5,149.92	0.00	3,085.13	3,453.94
Day 2	11 491.23	0.00	628.46	3,101.15	0.00	4,629.93	3,154.16
Day 3	9 031.25	0.00	521.78	906.36	0.00	4,476.33	3,144.84
Day 4	10 635.20	0.00	591.35	1,787.90	0.00	4,626.90	3,147.37
Day 5	11 252.54	0.00	593.71	3,220.36	0.00	4,509.53	3,149.02
Day 6	14 648.06	0.00	554.92	6 237.59	0.00	4 699.64	3,146.75
Day 7	19 239.91	0.00	571.73	10 259.26	0.00	4,622.08	3,149.85
Day 8	17 703.48	0.00	615.68	9 942.63	0.00	4 279.02	3 206.16
Day 9	20 760.93	0.00	631.24	16 117.52	0.00	0.00	3,621.93
DAY 10	20 534.58	0.00	513,07	15 585.88	0.00	251.84	3,603.65
Date 11	21 668.70	0.00	578.43	13 116.46	0.00	4,094.60	3,600.68
Date 12	22 866.89	0.00	585.16	14 519.50	0.00	4,146.88	3,601.68
Date 13	24,009.33	0.00	546.38	15 678.39	0.00	4,257.39	3 633.42
Day 14	26 880.18	0.00	578.56	18 158.69	0.00	4,519.51	3,664.44
Date 15	25 300.29	0.00	639.17	15 731.19	0.00	4,769.26	3,653.64
Day 16	21 496.60	0.00	585.18	12 625.68	0.00	4,695.16	3,617.35
Date 17	20 976.80	0.00	478.70	12 304.71	0.00	4,532.38	3,601.23
Date 18	24 285.73	0.00	569.70	14 871.78	0.00	4,618.93	3,599.77
Day 19	23 565.28	0.00	601.67	14 839.60	0.00	4,321.74	3,602.55
Date 20	24 362.67	0.00	583.67	15 034.84	0.00	4,617.69	3,600.11
Date 21	21 790.91	0.00	608.25	13 391.80	0.00	4,645.78	3,613.63
Date 22	20 063,19	0.00	626.68	11 702.62	0.00	4,538.03	3,596.97
Date 23	14 986.39	0.00	635.34	10 085.62	0.00	24,24	3,582.84
Date 24	11 371.29	0.00	526.45	7 167.38	0.00	0.00	3,579.91
Date 25	19 186.98	0.00	582.19	11 676.03	0.00	2,961.92	3,561.55
Date 26	24,006.92	0.00	603.80	17 220.24	0.00	3,084.02	3,597.69
Date 27	25 604.97	0.00	624.68	18 652.52	0.00	2,291.68	3,603.10
Date 28	22 941.74	0.00	662.24	16 226.71	0.00	3 317.88	3,600.01
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**NOTES:**

1 - Corresponds to the volume received or delivered corrected @ 20 ° C, 101.325 kPa and PCS 9400 kcal / m<sup>3</sup>.



## VOLUME REPORT - 2019

Transportation Contract:	Month of Reference:	Date Updated	Revision:
GASDUC III	March 2019	05/16/2019	1

	PTR TECAB INTERCONNECTION (TECAB >> GASDUC III) (thousand m <sup>3</sup> /day)	PTR INTERCONNECTION ELISA FIELDS I (EDG CAMPOS ELÍSEOS >> GASDUC III) (thousand m <sup>3</sup> /day)	PTE GUAPIMIRIM (thousand m <sup>3</sup> /day)	PTE INTERCONNECTION ELISA FIELDS I (GASDUC III >> EDG ELISA FIELDS) (thousand m <sup>3</sup> /day)	PTE TECAB INTERCONNECTION (GASDUC III >> TECAB) (thousand m <sup>3</sup> /day)	PTE UTE Mário LAKE (thousand m <sup>3</sup> /day)	UTE Norte Fluminense (thousand m <sup>3</sup> /day)
Day 1	26 404.87	0.00	679.24	17 927.83	0.00	4,585.68	3,601.32
Day 2	26 651.48	0.00	637.76	21 656.25	0.00	33.13	3,562.74
Day 3	27 668.22	0.00	485.95	22 660.68	0.00	0.00	3,567.12
Day 4	25 847.23	0.00	470.07	22 975.05	0.00	0.00	3,562.28
Day 5	28 705.17	0.00	400.17	23 532.39	0.00	0.00	3,566.03
Day 6	25 908.79	0.00	506.78	20 552.17	0.00	1,480.20	3,461.23
Day 7	24 310.93	0.00	585.16	18 070.13	0.00	1,538.80	3,226.31
Day 8	21 515.48	0.00	602.64	17 202.67	0.00	0.00	3,230.84
Day 9	19 110.74	0.00	609.72	15 895.09	0.00	0.00	3,275.25
Day 10	18 963.09	0.00	513.80	14 982.30	0.00	0.00	3 269.14
Date 11	21 332.21	0.00	589.50	16,696.38	0.00	0.00	3,231.80
Date 12	20 876.39	0.00	579.01	16 661.63	0.00	419.34	3,333.02
Date 13	19 172.09	0.00	577.56	15 499.83	0.00	0.00	3,234.42
Day 14	18 777.01	0.00	602.58	14 858.00	0.00	0.00	3,230.01
Date 15	19,953.95	0.00	663,26	16 211.94	0.00	0.00	3,226.03
Day 16	18 803.26	0.00	619.34	14 358.33	0.00	0.00	3,234.42
Date 17	15 715.02	0.00	497.28	11 832.85	0.00	0.00	3,240.37
Date 18	16 271.36	0.00	585.57	12 596.26	0.00	0.00	3,223.15
Day 19	15 696.82	0.00	570.48	12,333.07	0.00	0.00	3,221.47
Date 20	18 938.06	0.00	597.89	14 861.73	0.00	0.00	3,216.86
Date 21	19 452.44	0.00	609.74	15 300.33	0.00	0.00	3,216.27
Date 22	16 669.23	0.00	641.12	13 941.99	0.00	0.00	3,222.44
Date 23	16 344.16	0.00	575.74	12 648.65	0.00	0.00	3,170.37
Date 24	20 251.88	0.00	479.02	14 928.45	0.00	0.00	3,236.60
Date 25	16 123.24	0.00	574.09	13 467.02	0.00	0.00	3,221.77
Date 26	20 269.71	0.00	583.32	15 719.46	0.00	0.00	3,220.01
Date 27	20 391.06	0.00	552.84	16 145.61	0.00	0.00	3,221.32
Date 28	20 368.61	0.00	585.32	15 919.54	0.00	0.00	3,232.57
Day 29	21 426.18	0.00	622.79	17 261.27	0.00	0.00	3,233.52
August.	18 270.37	0.00	621.45	14 795.00	0.00	0.00	3,232.54
Day 31	16,813.30	0.00	497.54	12,460.76	0.00	0.00	3,276.05

**NOTES:**

1 - Corresponds to the volume received or delivered corrected @ 20 ° C, 101.325 kPa and PCS 9400 kcal / m<sup>3</sup>.



## VOLUME REPORT - 2019

Transportation Contract:	Month of Reference:	Date Updated	Revision:
<b>GASDUC III</b>	April 2019	05/16/2019	0

	PTR TECAB INTERCONNECTION (TECAB >> GASDUC III) (thousand m <sup>3</sup> /day)	PTR INTERCONNECTION ELISA FIELDS I (EDG CAMPOS ELÍSEOS >> GASDUC III) (thousand m <sup>3</sup> /day)	PTE GUAPIMIRIM (thousand m <sup>3</sup> /day)	PTE INTERCONNECTION ELISA FIELDS I (GASDUC III >> EDG ELISA FIELDS) (thousand m <sup>3</sup> /day)	PTE TECAB INTERCONNECTION (GASDUC III >> TECAB) (thousand m <sup>3</sup> /day)	PTE UTE Mário LAKE (thousand m <sup>3</sup> /day)	UTE Norte Fluminense (thousand m <sup>3</sup> /day)
Day 1	16 934.82	0.00	556.83	13 616.65	0.00	0.00	2,439.11
Day 2	15 568.28	0.00	563.31	13 482.94	0.00	0.00	2,446.08
Day 3	17 697.32	0.00	568.78	15 072.13	0.00	0.00	2,428.07
Day 4	19 578.30	0.00	587.49	15 792.19	0.00	0.00	2,414.70
Day 5	18 937.44	0.00	635.92	15 384.74	0.00	0.00	2,398.01
Day 6	17 291.75	0.00	640.47	13 714.42	0.00	0.00	2,401.86
Day 7	15 249.34	0.00	541.30	12 330.43	0.00	0.00	2,404.92
Day 8	17 121.70	0.00	564.64	14 259.19	0.00	5.52	2,413.23
Day 9	18 948.92	0.00	489.76	15,683.63	0.00	0.00	2,426.12
DAY 10	18 982.17	0.00	543.89	15 555.27	0.00	0.00	2,435.34
Date 11	22 126.33	0.00	585.80	20 430.77	0.00	0.00	2,437.27
Date 12	23 004.82	0.00	633.48	20 447.45	0.00	35.64	2,434.32
Date 13	24 638.15	0.00	596.57	21 461.60	0.00	18.68	2 425.44
Day 14	20 057.43	0.00	478.23	16 441.43	0.00	0.00	2,430.61
Date 15	20 361.50	0.00	578.86	16 097.70	0.00	0.00	2,441.91
Day 16	17 618.08	0.00	574.76	14,093.88	0.00	0.00	2,435.37
Date 17	17 215.95	0.00	603.37	14 980.93	0.00	0.00	2,424.31
Date 18	19 120.98	0.00	644.24	15,991.86	0.00	0.00	2,436.23
Day 19	20 921.20	0.00	546.24	17 447.01	0.00	0.00	2,450.54
Date 20	17 871.18	0.00	527.17	15 928.04	0.00	0.00	2 433.52
Date 21	17 592.83	0.00	471.98	14 619.13	0.00	0.00	2,425.61
Date 22	20 926.20	0.00	537.61	16 869.57	0.00	0.00	2,413.53
Date 23	21 686.90	0.00	484.58	18 309.46	0.00	0.00	2,424.82
Date 24	21 682.14	0.00	562.86	18 298.93	0.00	0.00	2,432.49
Date 25	21 228.15	0.00	594.69	18 398.41	0.00	0.00	2,434.49
Date 26	22 878.02	0.00	610.50	19 261.48	0.00	0.00	2,435.26
Date 27	22 545.67	0.00	601.62	19 963.59	0.00	0.00	2,419.88
Date 28	21 749.68	0.00	497.33	18 031.13	0.00	0.00	2 950.73
Day 29	21 409.57	0.00	555.34	17 960.98	0.00	0.00	2,439.21
August.	17 249.59	0.00	585.69	14 703.00	0.00	0.00	2,758.90
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**NOTES:**

1 - Corresponds to the volume received or delivered corrected @ 20 ° C, 101.325 kPa and PCS 9400 kcal / m<sup>3</sup>.



## VOLUME REPORT - 2019

Transportation Contract:	Month of Reference:	Date Updated	Revision:
GASDUC III	May- 2019	05/07/2019	0

	PTR TECAB INTERCONNECTION (TECAB >> GASDUC III) (thousand m <sup>3</sup> /day)	PTR INTERCONNECTION ELISA FIELDS I (EDG CAMPOS ELÍSEOS >> GASDUC III) (thousand m <sup>3</sup> /day)	PTE GUAPIMIRIM (thousand m <sup>3</sup> /day)	PTE INTERCONNECTION ELISA FIELDS I (GASDUC III >> EDG ELISA FIELDS) (thousand m <sup>3</sup> /day)	PTE TECAB INTERCONNECTION (GASDUC III >> TECAB) (thousand m <sup>3</sup> /day)	PTE UTE Mário LAKE (thousand m <sup>3</sup> /day)	UTE Norte Fluminense (thousand m <sup>3</sup> /day)
Day 1	16 516.25	0.00	492.92	12 376.12	0.00	0.00	3,209.90
Day 2	16 233.22	0.00	566.34	12 512.99	0.00	0.00	3,231.06
Day 3	17 649.48	0.00	601.90	15 225.46	0.00	0.00	2,356.04
Day 4	19 354.47	0.00	609.42	16 378.46	0.00	0.00	2,419.18
Day 5	18 261.14	0.00	506.02	13 895.13	0.00	0.00	3,099.68
Day 6	17 825.94	0.00	560.01	14 070.60	0.00	0.00	3,221.30
Day 7	18 512.49	0.00	586.05	14 734.69	0.00	0.00	3,237.73
Day 8	19 025.14	0.00	576.93	15 500.26	0.00	0.00	3,227.08
Day 9	17 932.44	0.00	591.44	13 877.97	0.00	0.00	3,227.00
Day 10	18 093.99	0.00	630.10	13 276.46	0.00	0.00	3,221.76
Date 11	16 662.77	0.00	619.77	13 521.30	0.00	0.00	2,401.95
Date 12	13 879.93	0.00	538.54	10 894.32	0.00	0.00	2 261.23
Date 13	14 615.25	0.00	541.77	11 597.93	0.00	0.00	2,332.96
Day 14	17 706.52	0.00	536.89	14 030.97	0.00	0.00	2,381.40
Date 15	15 248.92	0.00	543.44	13 077.26	0.00	0.00	2,408.32
Day 16	17 474.96	0.00	554.16	14 137.81	0.00	0.00	2,392.45
Date 17	17 700.15	0.00	581.13	14 464.07	0.00	0.00	2,390.91
Date 18	16 031.18	0.00	567.67	12 922.34	0.00	0.00	2,394.07
Day 19	15,009.41	0.00	457.83	11 283.44	0.00	914.86	2,635.94
Date 20	16 166.49	0.00	548.20	14 252.93	0.00	0.00	2,481.69
Date 21	18 487.43	0.00	532.42	14 322.59	0.00	0.00	2,391.63
Date 22	18 746.82	0.00	559.58	15 424.30	0.00	0.00	2,378.76
Date 23	19 271.76	0.00	581.73	16 230.67	0.00	0.00	2,385.30
Date 24	19 348.41	0.00	606.39	16 628.57	0.00	0.00	2,373.81
Date 25	19,953.52	0.00	599.06	16 445.40	0.00	0.00	2,403.34
Date 26	17 471.63	0.00	502.76	14 149.95	0.00	0.00	2,419.86
Date 27	18 315.80	0.00	560.30	14 775.92	0.00	0.00	3,272.94
Date 28	17 960.30	0.00	544.22	14 605.88	0.00	0.00	3,221.51
Day 29	19 428.57	0.00	560.44	15 442.90	0.00	151.60	3,221.01
August.	21 852.16	0.00	551.52	17 849.68	0.00	100.86	3,213.32
Day 31	23 102.80	0.00	601.85	18 626.32	0.00	0.00	3,220.68

**NOTES:**

1 - Corresponds to the volume received or delivered corrected @ 20 ° C, 101.325 kPa and PCS 9400 kcal / m<sup>3</sup>.



## VOLUME REPORT - 2019

Transportation Contract:	Month of Reference:	Date Updated	Revision:
GASDUC III	June 2019	05/07/2019	0

	PTR TECAB INTERCONNECTION (TECAB >> GASDUC III) (thousand m <sup>3</sup> /day)	PTR INTERCONNECTION ELISA FIELDS I (EDG CAMPOS ELÍSEOS >> GASDUC III) (thousand m <sup>3</sup> /day)	PTE GUAPIMIRIM (thousand m <sup>3</sup> /day)	PTE INTERCONNECTION ELISA FIELDS I (GASDUC III >> EDG ELISA FIELDS) (thousand m <sup>3</sup> /day)	PTE TECAB INTERCONNECTION (GASDUC III >> TECAB) (thousand m <sup>3</sup> /day)	PTE UTE Mário LAKE (thousand m <sup>3</sup> /day)	UTE Norte Fluminense (thousand m <sup>3</sup> /day)
Day 1	17 412.70	0.00	595.48	16 381.42	0.00	0.00	145.78
Day 2	14 762.86	0.00	485.96	14 262.58	0.00	0.00	0.00
Day 3	15 824.02	0.00	562.81	15 015.96	0.00	0.00	0.00
Day 4	16 826.15	0.00	580.58	17 367.50	0.00	0.00	0.00
Day 5	16 103.09	0.00	575.22	15 218.59	0.00	0.00	0.00
Day 6	13 670.59	0.00	573.70	13 980.32	0.00	0.00	0.00
Day 7	17,004.95	0.00	640.63	15 613.70	0.00	0.00	0.00
Day 8	17 199.76	0.00	614.31	16 084.92	0.00	0.00	0.00
Day 9	16 897.57	0.00	509.52	15 564.21	0.00	0.00	0.00
Day 10	13 853.17	0.00	555.72	14 666.00	0.00	0.00	0.00
Date 11	17 904.95	0.00	570.42	17,434.53	0.00	0.00	0.00
Date 12	18 291.00	0.00	587.51	16 526.21	0.00	0.00	0.00
Date 13	17 175.51	0.00	605.36	16 415.77	0.00	0.00	0.00
Day 14	14 189.49	0.00	614.79	13 432.84	0.00	0.00	415.47
Date 15	12,993.03	0.00	602.92	10 752.50	0.00	0.00	2,404.54
Day 16	15 933.72	0.00	518.65	13 268.04	0.00	0.00	2,371.09
Date 17	17 691.72	0.00	575.69	14 343.04	0.00	0.00	2,392.96
Date 18	20 103.13	0.00	568.79	16 011.35	0.00	0.00	2,443.02
Day 19	17 518.67	0.00	617.38	14 538.92	0.00	0.00	2,444.75
Date 20	18 628.53	0.00	506.76	15 920.54	0.00	0.00	2,464.91
Date 21	20 152.99	0.00	538.40	16 822.97	0.00	0.00	2 704.81
Date 22	23 248.64	0.00	547.60	18 918.03	0.00	0.00	3,233.56
Date 23	19 432.21	0.00	549.33	15 259.53	0.00	0.00	3,223.37
Date 24	20 194.91	0.00	566.35	16 452.39	0.00	0.00	3,237.06
Date 25	22 351.36	0.00	568.98	19 041.51	0.00	0.00	3,237.41
Date 26	20 897.84	0.00	557.87	16 641.02	0.00	0.00	3,236.65
Date 27	20,823.00	0.00	583.06	16 218.91	0.00	0.00	3,234.80
Date 28	19 572.46	0.00	614.82	16 109.28	0.00	0.00	3,241.30
Day 29	17,031.93	0.00	608.20	13 975.32	0.00	0.00	3,240.94
August.	19 090.02	0.00	519.53	15 183.64	0.00	0.00	3,223.66
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**NOTES:**

1 - Corresponds to the volume received or delivered corrected @ 20 ° C, 101.325 kPa and PCS 9400 kcal / m<sup>3</sup>.