

INVENTÁRIO DE FONTES EMISSORAS DE POLUENTES
ATMOSFÉRICOS DA REGIÃO METROPOLITANA DE
VITÓRIA - 1998

Elaboração: EcoSoft e UFES

ANEXO I - FONTES POLUIDORAS CONSIDERADAS.

Inventário de Fontes Emissoras de Poluentes Atmosféricos Consideradas no Estudo

Empresa: Fontes Fixas Diversas da Região da Grande Vitória

Nome da Fonte	Setor Empresa	Tipo	Coord.X	Coord.Y	Diâm.	Alt.Fon	Alt.Solo	Vazão	Temp.	T.E. MP	T.E. SO2	T.E. NOx	T.E. CO	T.E. HC	T.E. MP10	H.I.E	H.F.E
			UTM (m)	UTM (m)													
ATERPA	USINA DE ASFALTO	P	345,025	7,744,050	0.8	12	36	1.3	120	689	2,202.00	91	96	96	344.5	7	24
ATLANTIC VENEER 1	CALDEIRA À LENHA	P	367,685	7,766,471	1.2	26	32	12	220	1,183.00	6.2	116.7	1,000.00	71	591.5	8	18
BELGO MINEIRA AC	ACIARIA	V	357,060	7,749,534	60	18	28	0	40	20,402.00	10	0	0	0	10,201.00	21	18
BELGO MINEIRA - DESP.	CHAMINÉ DO DESP.	P	357,030	7,749,510	3.2	12	28	113.7	48	3,336.10	10	0	65,000.00	0	2,502.00	21	18
BRASITÁLIA	PEDREIRA	A	353,803	7,752,505	100	25	40	0	25	11,633.00	0	0	0	0	3,304.00	7	17
BRASPÉROLA A ATA 400	AQUECEDOR ATA 400	P	352,720	7,749,510	0.6	10	50	4.2	200	150	1,712.00	240	22	5.6	105	1	24
BRASPÉROLA A ATA 800	AQUECEDOR ATA 800	P	352,710	7,749,480	0.6	10	50	4.2	200	233	2,655.00	372	34	8.7	163	1	24
BRASPÉROLA C ATA 14	CALDEIRA ATA 14	P	352,726	7,749,555	0.6	10	50	3.5	200	150	1,712.00	240	22	5.6	105	1	24
BRASPÉROLA C ATA 18II	CALDEIRA ATA 18II	P	352,733	7,749,550	0.6	10	50	4.1	200	233	2,655.00	372	34	8.7	163	1	24
BRASPÉROLA C ATA 18III	CALDEIRA ATA 18III	P	352,728	7,749,530	0.6	10	50	4.1	200	233	2,655.00	372	34	8.7	163	1	24
BRASPÉROLA C ATA 30	CALDEIRA ATA 30	P	352,700	7,749,500	1	10	50	8.3	200	718	8,197.00	1,149.00	105	26.8	503	1	24
BRASPÉROLA C MEPPAN	CALDEIRA MEPPAN	P	352,735	7,749,560	1.5	10	50	9.8	200	753	8,589.00	1,204.00	110	28	527	1	24
CARBODERIVADOS DP	CALDEIRA DP	P	371,450	7,767,120	0.8	35	28	1.2	230	33.8	680	79	7	0	27	1	24
CARBODERIVADOS HT	CALDEIRA HT	P	371,460	7,767,104	0.5	35	28	1	234	47	549	64	6	0	37.6	1	24
CARBOINDUSTRIAL - MB 1	MOINHO DE BOLAS 1	P	371,420	7,767,110	0.6	8	28	1.7	48	294.4	0	0	0	0	147.2	1	24
CARBOINDUSTRIAL - MB 2	MOINHO DE BOLAS 2	P	371,400	7,767,150	0.7	8	28	0.8	52	438.9	0	0	0	0	219.5	1	24
CARBOINDUSTRIAL - PN	PENEIRA KUTTNER	P	371,405	7,767,130	0.8	9	28	2.9	50	125	0	0	0	0	62.5	1	24
CHOCOLATES GAROTO	CALDEIRA	P	363,612	7,749,977	0.7	35	25	6.2	197	350	2,302.00	323	29	7.5	175	1	24
CIA BRAS. DE FERRO AF.	ALTO FORNO	P	349,930	7,746,539	2	31	60	62	290	691.7	48	0	0	0	208	1	24
CIA BRAS. DE FERRO FUG.	FUGITIVOS	A	349,900	7,746,500	100	3	60	0	30	15,361.00	0	0	0	0	4,608.00	1	24
CIMENTO PARAISO - MAN.	MANUSEIO	A	368,950	7,766,500	100	2	28	0	25	3,810.00	0	0	0	0	1,448.00	21	18
CIMENTO PARAISO - SEC.	SECADOR	P	368,925	7,766,495	0.8	12	28	1.1	230	1	1	23.7	5.9	0	1	21	18
COFAVI - L1	FORNO LAMINAÇÃO 1	P	356,590	7,750,320	1.2	18	28	9.2	120	1,506.00	7,680.00	666.6	61	15.6	1,205.00	21	18
COFAVI - L2	FORNO LAMINAÇÃO 2	P	356,595	7,750,325	1.2	18	28	7.2	120	1,300.00	6,000.00	521	47.3	12.2	1,040.00	21	18
DEPASA	FORNO	P	367,406	7,766,611	1	14	28	4	200	739	8,408.00	1,181.00	107	27.5	370	7	17
DUMILHO	CALDEIRA	P	351,608	7,748,297	1.8	20	65	2.3	210	149	2,110.00	297	27	7.2	75	1	24
FRIMACAL	CALDEIRA	P	353,425	7,755,706	1.2	16	23	1.4	200	110	781	112	10.2	2.6	55	4	16
IBRATA	PEDREIRA	A	358,200	7,769,046	100	25	65	0	25	11,633.00	0	0	0	0	3,304.00	7	17
LOGASA	2 FORNOS	P	366,846	7,762,137	0.8	10	25	1.2	160	4	1	187	47	8	4	1	24
ORNATO/ELIANE	FORNO	P	367,685	7,765,492	1.6	17	20	4.1	100	8.1	2.1	374	94	16.2	8.1	1	24
PEDREIRA ALVORADA	PEDREIRA	A	361,100	7,748,500	100	25	28	0	25	15,909.00	0	0	0	0	5,091.00	7	17
PEDREIRA RIO DOCE	PEDREIRA	A	362,168	7,756,849	100	25	25	0	25	24,578.00	0	0	0	0	6,980.00	7	17

PEDREIRA RYDIEN	PEDREIRA	A	360,808	7,748,440	100	25	25	0	25	25,863.00	0	0	0	0	7,345.00	7	17
PERMA IND. BEBIDAS	CALDEIRA A GÁS	P	354,404	7,754,448	0.7	10	28	1.4	220	1	1	32	8	1	1	6	22
PITANGA MINERAÇÃO	PEDREIRA	A	365,722	7,769,526	100	25	40	0	25	7,113.00	0	0	0	0	2,020.00	7	17
REAL CAFÉ CALD.	CALD. BORRA CAFÉ	P	352,447	7,749,276	1.3	25	50	6.7	230	1,425.00	24	443	4,117.00	269	713	1	24
REAL CAFÉ TORREF.	TORREFADORES	P	352,430	7,749,270	1	32	50	4.5	227	5,289.00	1	94	90	1	2,645.00	1	24
REFRIGERANTES IATE	CALDEIRA	P	358,738	7,749,975	0.6	8	25	1.3	200	100	1,385.00	160.4	14.6	1	80	8	18
SERRA BETUME	USINA ASFALTO	P	369,222	7,766,922	0.7	8	1	1.1	120	1,298.00	4,149.00	171	180	180	649	7	24
SOBRITA	PEDREIRA	A	366,672	7,768,715	100	25	70	0	25	6,481.00	0	0	0	0	1,841.00	71	17
TERRA BRASIL	USINA DE ASFALTO	P	361,742	7,748,013	0.9	10	20	1.3	120	624	1,995.00	82	87	87	312	7	24
TEVIX	CALDEIRA	P	371,460	7,767,104	0.3	6	28	0.4	120	9.6	133	15.4	1.4	1	4.8	8	18
TRACOMAL	USINA ASFALTO	P	362,125	7,757,233	0.7	12	13	1.4	130	650	2,100.00	91	95	95	325	7	24
Mizu Chaminé F. Mangas 1	Silos de M. Primas	P	371,176	7,759,085	0.4	20	10	8.4	25	420	0	0	0	0	210	1	24
Mizu Chaminé F. Mangas 2	Transf. M. Primas	P	371,136	7,759,105	0.4	20	10	8.4	25	420	0	0	0	0	210	1	24
Mizu Chaminé F. Mangas 3	Silos de Produtos	P	371,099	7,759,132	0.4	25	10	8.4	40	420	0	0	0	0	210	1	24
Mizu Chaminé F. Mangas 4	Ensac. de Produtos	P	371,099	7,759,132	0.4	20	10	8.4	25	420	0	0	0	0	210	1	24
Mizu Cham. Moinho/Secador	Moagem	P	371,232	7,759,051	2.5	50	10	76.3	85	3,815.00	16,361.00	2,273.00	206.7	53	3,052.00	21	18

Empresa: CST - Companhia Siderúrgica de Tubarão S/A

Nome da Fonte	Setor Empresa	Tipo	Coord.X	Coord.Y	Diâm.	Alt.Fon	Alt.Solo	Vazão	Temp.	T.E. MP	T.E. SO2	T.E. NOx	T.E. CO	T.E. HC	T.E. MP ₁₀	H.I.E	H.F.
			UTM (m)	UTM (m)	(m)	(m)	(m)	(m)	(Nm ³ /s)	(°C)	(mg/s)	(mg/s)	(mg/s)	(mg/s)	(mg/s)	(mg/s)	(mg/s)
Bascul. Gusa Fundição	FUNDIÇÃO	P	369,640	7,761,027	1.2	15	18	17	180	1,020.00	0	0	0	0	714	1	24
Beneficiamento de Sinter	SINTERIZAÇÃO	P	370,945	7,760,037	3.5	30	18	112	70	11,200.00	0	0	0	0	7,840.00	1	24
Britagem de Carvão - DU3	COQUERIA	P	371,490	7,760,141	0.9	25	18	4	35	400	0	0	0	0	200	1	24
Caldeira 3	UTILIDADES	P	371,156	7,760,508	1.5	60	18	87	186	4,118.00	11,013.00	228,004.00	33,164.00	1,441.00	4,118.00	1	24
Carga do CDQ da Coqueria	COQUERIA	P	371,260	7,760,038	0.8	20	18	8.4	50	420	0	0	0	0	210	1	24
Casa de Corrida - AF2	ALTO FORNO 2	P	370,376	7,760,304	3	32	18	111	47	5,550.00	0	0	0	0	3,885.00	1	24
Casa de Corrida 1- AF 1	ALTO FORNO 1	A	370,552	7,760,434	25	20	18	0	47	8,333.00	0	0	0	0	4,167.00	1	24
Casa de Corrida 2- AF 1	ALTO FORNO 1	A	370,637	7,760,467	25	20	18	0	47	8,333.00	0	0	0	0	4,167.00	1	24
Casa de Força (C1 e C2)	UTILIDADES	P	371,126	7,760,478	4.9	60	18	267	173	13,083.00	19,919.00	412,425.00	59,989.00	2,606.00	9,158.00	1	24
Descarga CDQ da Coqueria	COQUERIA	P	371,273	7,760,019	1.6	20	18	31.6	35	1,580.00	0	0	0	0	1,106.00	1	24
Desenformamento de Coque	COQUERIA	P	371,282	7,759,986	2.4	15	18	52	51	2,600.00	0	0	0	0	1,820.00	1	24
Desp. Primário - Aciaria	ACIARIA	P	370,525	7,760,996	3.6	120	18	50	88	3,750.00	0	0	486,109.00	0	2,625.00	1	24
Desp. Secund. (N) - Aciaria	ACIARIA	P	370,444	7,760,899	5	40	18	117	53	5,850.00	0	0	0	0	4,095.00	1	24
Desp. Secund. (V) - Aciaria	ACIARIA	P	370,496	7,760,921	5	20	18	166.7	110	8,333.00	616	249	0	0	5,833.00	1	24
Forno 1 da Calcinação	CALCINAÇÃO	P	370,835	7,760,791	3	40	18	20	157	2,000.00	1,450.00	9,271.00	6,181.00	0	1,400.00	1	24
Forno 2 da Calcinação	CALCINAÇÃO	P	370,815	7,760,753	3	40	18	20	157	2,000.00	1,450.00	9,271.00	6,181.00	0	1,400.00	1	24
Fornos Coque - Chaminé 1	COQUERIA	P	371,265	7,760,138	4.2	168	18	44.5	224	6,667.00	134,299.00	31,796.00	4,625.00	268	4,667.00	1	24
Fornos Coque - Chaminé 2	COQUERIA	P	371,400	7,760,038	4.2	168	18	29.7	217	3,000.00	13,358.00	10,599.00	1,542.00	67	2,100.00	1	24
Lavador Topo do Alto Forno	ALTO FORNO 1	P	370,622	7,760,365	1.3	102	18	8.7	35	660	0	0	0	0	462	1	24
Lavadores 1,2,3 Fundição	FUNDIÇÃO	P	369,581	7,761,123	1.1	1	18	8.3	45	1,388.00	0	0	0	0	972	1	24
Lingot. Contínuo - Refino	ACIARIA	P	370,368	7,761,148	1	13	18	20	55	700	0	0	0	0	630	1	24

Máquina de Sinter	SINTERIZAÇÃO	P	371,312	7,759,815	7.2	80	18	280.5	153	28,056.00	147,853.00	108,856.00	2,630,208.00	859	28,056.00	1	24
PCI - Alto Forno 1	ALTO FORNO 1	P	370,500	7,760,272	1.4	62	18	12.5	95	625	262	8,164.00	2,041.00	335	625	1	24
PCI - Alto Forno 2	ALTO FORNO 2	P	370,458	7,760,251	1	62	18	4.3	95	186	78	2,449.00	612	101	186	1	24
PIN_1 BF3 Apoio Operacional	APOIO OPERACIONAL	V	371,015	7,761,337	2	6.3	18	0	25	11	0	0	0	0	5.5	1	24
PIN_10 Pátio Briquetagem	PESQUISA	V	371,653	7,759,980	2	2	18	0	25	19.1	0	0	0	0	9.5	1	24
PIN_11 Benef. Brit. Escória	APOIO OPERACIONAL	V	369,801	7,762,801	2	2	18	0	25	11.6	0	0	0	0	5.8	1	24
PIN_11 Benef. SAPORO	APOIO OPERACIONAL	V	372,061	7,760,785	2	2	18	0	25	11.6	0	0	0	0	5.8	1	24
PIN_13 Benef. Lama / Lixo	APOIO OPERACIONAL	V	371,800	7,760,700	2	2	18	0	25	61.2	0	0	0	0	30.6	1	24
PIN_2 ESC Apoio Operacional	APOIO OPERACIONAL	V	370,119	7,760,443	2	2	18	0	25	12.3	0	0	0	0	6.1	1	24
PIN_3 ESC Apoio Operacional	APOIO OPERACIONAL	V	370,105	7,760,549	2	2	18	0	25	12.3	0	0	0	0	6.1	1	24
PIN_4 ESC Apoio Operacional	APOIO OPERACIONAL	V	370,005	7,760,510	2	2	18	0	25	12.3	0	0	0	0	6.1	1	24
PIN_5 Coque Fino Coqueria	COQUERIA	V	371,034	7,760,075	2	2	18	0	25	11.2	0	0	0	0	5.6	1	24
PIN_6 Antracito Coqueria	COQUERIA	V	371,197	7,759,953	2	2	18	0	25	10	0	0	0	0	5	1	24
PIN_7 Pátio Coque Coqueria	COQUERIA	V	371,143	7,760,116	2	2	18	0	25	22.7	0	0	0	0	11.3	1	24
PIN_8 Pátio Coque Coqueria	COQUERIA	V	371,609	7,759,803	2	2	17	0	25	9.8	0	0	0	0	4.9	1	24
PIN_9 Pátio Coque Coqueria	COQUERIA	V	370,892	7,760,984	2	2	17	0	25	15.9	0	0	0	0	7.9	1	24
PT_01 Amizade	SINTERIZAÇÃO	V	370,844	7,760,077	2	15	18	0	25	13.2	0	0	0	0	6.3	1	24
PT_01 Calcinação	CALCINAÇÃO	V	370,733	7,761,006	2	12	18	0	25	1.2	0	0	0	0	0.6	1	24
PT_01 Coqueria	COQUERIA	V	371,831	7,759,996	2	8	18	0	25	1.6	0	0	0	0	0.8	1	24
PT_01 Pátio de Carvão	PÁTIO DE CARVÃO	V	371,521	7,758,795	2	6	4.5	0	25	1.1	0	0	0	0	0.6	1	24
PT_01 Pátio de Minério	SINTERIZAÇÃO	V	370,700	7,759,696	2	12	18	0	25	3.5	0	0	0	0	1.7	1	24
PT_01 Sinterização	SINTERIZAÇÃO	V	370,945	7,760,037	2	18	18	0	25	4.4	0	0	0	0	2.1	1	24
PT_02 Amizade	SINTERIZAÇÃO	V	370,851	7,760,063	2	15	18	0	25	13.2	0	0	0	0	6.3	1	24
PT_02 Calcinação	CALCINAÇÃO	V	370,666	7,760,916	2	12	18	0	25	1.2	0	0	0	0	0.6	1	24
PT_02 Coqueria	COQUERIA	V	371,678	7,760,119	2	13	18	0	25	1.1	0	0	0	0	0.5	1	24
PT_02 Pátio de Carvão	PÁTIO DE CARVÃO	V	371,622	7,758,930	2	20	4.5	0	25	4.6	0	0	0	0	2.2	1	24
PT_02 Pátio de Minério	SINTERIZAÇÃO	V	370,732	7,759,750	2	10	18	0	25	1.8	0	0	0	0	0.9	1	24
PT_02 Sinterização	SINTERIZAÇÃO	V	370,917	7,760,023	2	20	18	0	25	4.4	0	0	0	0	2.1	1	24
PT_03 Amizade	SINTERIZAÇÃO	V	370,842	7,760,122	2	15	18	0	25	1.6	0	0	0	0	0.8	1	24
PT_03 Calcinação	CALCINAÇÃO	V	370,632	7,760,881	2	12	18	0	25	1.2	0	0	0	0	0.6	1	24
PT_03 Coqueria	COQUERIA	V	371,744	7,760,218	2	9	18	0	25	0.1	0	0	0	0	0.1	1	24
PT_03 Pátio de Carvão	PÁTIO DE CARVÃO	V	371,637	7,758,962	2	4	4.5	0	25	1.1	0	0	0	0	0.6	1	24
PT_03 Pátio de Minério	SINTERIZAÇÃO	V	370,765	7,759,795	2	7	18	0	25	1.8	0	0	0	0	0.9	1	24
PT_03 Sinterização	SINTERIZAÇÃO	V	370,933	7,759,950	2	18	18	0	25	1.4	0	0	0	0	0.7	1	24
PT_04 Amizade	SINTERIZAÇÃO	V	370,809	7,760,112	2	15	18	0	25	13.2	0	0	0	0	6.3	1	24
PT_04 Calcinação	CALCINAÇÃO	V	370,719	7,760,729	2	12	18	0	25	3.2	0	0	0	0	1.5	1	24
PT_04 Coqueria	COQUERIA	V	371,633	7,760,292	2	17	18	0	25	0.1	0	0	0	0	0.1	1	24
PT_04 Pátio de Carvão	PÁTIO DE CARVÃO	V	371,528	7,759,026	2	8	18	0	25	1.7	0	0	0	0	0.8	1	24
PT_04 Pátio de Minério	SINTERIZAÇÃO	V	370,807	7,759,851	2	7	18	0	25	3	0	0	0	0	1.4	1	24
PT_04 Sinterização	SINTERIZAÇÃO	V	370,930	7,759,969	2	12	18	0	25	15	0	0	0	0	7.2	1	24
PT_05 Amizade	SINTERIZAÇÃO	V	370,942	7,760,224	2	15	18	0	25	13.2	0	0	0	0	6.3	1	24
PT_05 Calcinação	CALCINAÇÃO	V	370,720	7,760,719	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_05 Coqueria	COQUERIA	V	371,579	7,760,219	2	9	18	0	25	1.6	0	0	0	0	0.8	1	24
PT_05 Pátio de Carvão	PÁTIO DE CARVÃO	V	371,463	7,759,057	2	8	4.5	0	25	1.1	0	0	0	0	0.6	1	24

PT_05 Pátio de Minério	SINTERIZAÇÃO	V	371,467	7,759,508	2	12	18	0	25	6	0	0	0	0	2.9	1	24
PT_05 Sinterização	SINTERIZAÇÃO	V	370,976	7,759,996	2	15	18	0	25	4.3	0	0	0	0	2.1	1	24
PT_06 Amizade	SINTERIZAÇÃO	V	370,929	7,760,249	2	15	18	0	25	13.2	0	0	0	0	6.3	1	24
PT_06 Calcinação	CALCINAÇÃO	V	370,750	7,760,688	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_06 Coqueria	COQUERIA	V	371,535	7,760,173	2	9	18	0	25	1.6	0	0	0	0	0.8	1	24
PT_06 Pátio de Carvão	PÁTIO DE CARVÃO	V	371,396	7,759,107	2	5	4.5	0	25	1	0	0	0	0	0.5	1	24
PT_06 Pátio de Minério	SINTERIZAÇÃO	V	371,449	7,759,460	2	12	18	0	25	6	0	0	0	0	2.9	1	24
PT_06 Sinterização	SINTERIZAÇÃO	V	370,968	7,759,950	2	12	18	0	25	0.6	0	0	0	0	0.3	1	24
PT_07 Amizade	SINTERIZAÇÃO	V	370,824	7,760,179	2	15	18	0	25	9	0	0	0	0	4.3	1	24
PT_07 Calcinação	CALCINAÇÃO	V	370,772	7,760,707	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_07 Coqueria	COQUERIA	V	371,384	7,760,286	2	9	18	0	25	1.6	0	0	0	0	0.8	1	24
PT_07 Pátio de Carvão	PÁTIO DE CARVÃO	V	372,081	7,759,827	2	6	4.5	0	25	1.1	0	0	0	0	0.6	1	24
PT_07 Pátio de Minério	SINTERIZAÇÃO	V	371,403	7,759,433	2	12	18	0	25	6	0	0	0	0	2.9	1	24
PT_07 Sinterização	SINTERIZAÇÃO	V	371,004	7,759,905	2	7	18	0	25	0.2	0	0	0	0	0.1	1	24
PT_08 Amizade	SINTERIZAÇÃO	V	370,796	7,760,130	2	15	18	0	25	8.1	0	0	0	0	3.9	1	24
PT_08 Calcinação	CALCINAÇÃO	V	370,771	7,760,717	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_08 Coqueria	COQUERIA	V	371,479	7,760,094	2	25	18	0	25	0.3	0	0	0	0	0.1	1	24
PT_08 Pátio de Carvão	PÁTIO DE CARVÃO	V	371,981	7,759,893	2	3	4.5	0	25	1	0	0	0	0	0.5	1	24
PT_08 Pátio de Minério	SINTERIZAÇÃO	V	371,428	7,759,432	2	12	18	0	25	6	0	0	0	0	2.9	1	24
PT_08 Sinterização	SINTERIZAÇÃO	V	371,113	7,759,841	2	7	18	0	25	0.2	0	0	0	0	0.1	1	24
PT_09 Amizade	SINTERIZAÇÃO	V	370,788	7,760,154	2	15	18	0	25	8.1	0	0	0	0	3.9	1	24
PT_09 Calcinação	CALCINAÇÃO	V	370,783	7,760,733	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_09 Coqueria	COQUERIA	V	371,350	7,760,212	2	25	18	0	25	0.3	0	0	0	0	0.1	1	24
PT_09 Pátio de Minério	SINTERIZAÇÃO	V	371,365	7,759,383	2	12	18	0	25	6	0	0	0	0	2.9	1	24
PT_09 Sinterização	SINTERIZAÇÃO	V	371,247	7,759,751	2	7	18	0	25	1.2	0	0	0	0	0.6	1	24
PT_10 Amizade	SINTERIZAÇÃO	V	370,891	7,760,269	2	15	18	0	25	6.7	0	0	0	0	3.2	1	24
PT_10 Calcinação	CALCINAÇÃO	V	370,814	7,760,763	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_10 Coqueria	COQUERIA	V	371,253	7,760,087	2	14	18	0	25	6.7	0	0	0	0	3.2	1	24
PT_10 Pátio de Minério	SINTERIZAÇÃO	V	371,321	7,759,346	2	12	18	0	25	6	0	0	0	0	2.9	1	24
PT_11 Amizade	ALTO FORNO	V	370,966	7,760,335	2	15	18	0	25	6.7	0	0	0	0	3.2	1	24
PT_11 Calcinação	CALCINAÇÃO	V	370,738	7,760,767	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_11 Coqueria	COQUERIA	V	371,156	7,760,098	2	14	18	0	25	33.7	0	0	0	0	16.2	1	24
PT_11 Pátio de Minério	SINTERIZAÇÃO	V	371,367	7,759,303	2	12	18	0	25	6	0	0	0	0	2.9	1	24
PT_12 Calcinação	CALCINAÇÃO	V	370,836	7,760,781	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_12 Coqueria	COQUERIA	V	371,114	7,760,216	2	20	18	0	25	6.7	0	0	0	0	3.2	1	24
PT_13 Calcinação	CALCINAÇÃO	V	370,779	7,760,798	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
PT_13 Coqueria	COQUERIA	V	371,163	7,760,319	2	20	18	0	25	3.2	0	0	0	0	1.5	1	24
PT_14 Calcinação	CALCINAÇÃO	V	370,759	7,760,795	2	12	18	0	25	3.2	0	0	0	0	1.6	1	24
Pen. Mat. Prima Sinterização	SINTERIZAÇÃO	P	370,894	7,760,179	1.7	20	18	35	25	3,500.00	0	0	0	0	2,450.00	1	24
Pilha de Carvão A1	PÁTIO DE CARVÃO	A	371,503	7,759,158	200	11	5	0	25	53.8	0	0	0	0	26.9	1	24
Pilha de Carvão A2	PÁTIO DE CARVÃO	A	371,598	7,759,297	200	11	5	0	25	53.8	0	0	0	0	26.9	1	24
Pilha de Carvão A3	PÁTIO DE CARVÃO	A	371,689	7,759,430	200	11	5	0	25	53.8	0	0	0	0	26.9	1	24
Pilha de Carvão A4	PÁTIO DE CARVÃO	A	371,785	7,759,559	200	11	5	0	25	53.8	0	0	0	0	26.9	1	24
Pilha de Carvão A5	PÁTIO DE CARVÃO	A	371,881	7,759,688	200	11	5	0	25	53.8	0	0	0	0	26.9	1	24

			UTM (m)	UTM (m)	(m)	(m)	(m)	(Nm ³ /s)	(°C)	(mg/s)	(mg/s)	(mg/s)	(mg/s)	(mg/s)	(mg/s)	(h)	(h)
3HC11-A LAVADOR GASES	USINA DE CAL	P	369,440	7,758,165	2.4	35	24	11.7	66	1,170.00	0	0	0	0	819	1	24
3HC11-B LAVADOR GASES	USINA DE CAL	P	369,450	7,758,170	2	35	24	5.7	77	394	0	0	0	0	276	1	24
3HC25 CH. LAV. GASES	USINA DE CAL	P	369,455	7,758,150	0.5	35	24	5.8	70	580	0	0	0	0	406	1	24
3Q65 CHAMINÉ PRINCIPAL	USINA 3	P	369,460	7,757,820	5	35	24	169	187	466	83,047.00	76,658.00	37,286.00	166	420	1	24
3Q75 CHAMINÉ SECUNDARIA	USINA 3	P	369,390	7,757,910	3.5	37	24	103	66	10,300.00	32,123.00	10,454.00	322	110.7	9,270.00	1	24
3R10 CH. LAVADOR	USINA 3	P	369,400	7,757,890	0.7	36	24	22	42	354	0	0	0	0	248	1	24
4A31 CH. LAV. PENEIRAMENTO	USINA 4	P	369,350	7,757,930	2	33	24	4.2	28	350	0	0	0	0	245	1	24
4Q65 CHAMINÉ PRINCIPAL	USINA 4	P	369,380	7,757,780	5	35	24	148	185	2,546.00	31,672.00	74,488.00	32,745.00	94	2,291.00	1	24
4Q75 CHAMINÉ SECUNDARIA	USINA 4	P	369,355	7,757,900	3.5	36	24	99	80	9,760.00	18,028.00	28,413.00	3,465.00	62.6	8,784.00	1	24
4R09 CH. LAVADOR	USINA 4	P	369,360	7,757,875	0.8	36	24	6.1	80	915	0	0	0	0	641	1	24
4R14 CH. LAVADOR	USINA 4	P	369,415	7,757,770	2	33	24	51	80	7,650.00	0	0	0	0	5,355.00	1	24
5Q09 CHAMINÉ PRINCIPAL	USINA 5	P	370,190	7,757,470	5.7	35	15	226	183	10,170.00	130,673.00	95,552.00	62,150.00	252.8	9,153.00	1	24
5Q10 CHAMINÉ SECUNDARIA	USINA 5	P	370,270	7,757,340	3.6	38	15	115	101	11,340.00	29,056.00	27,129.00	13,009.00	168.5	10,206.00	1	24
5R27B CH. LAV. PENEIRAM.	USINA 5	P	370,175	7,757,545	1.8	22	15	17	35	264	0	0	0	0	184.8	1	24
5R32 CH. LAVADOR GASES	USINA 5	P	370,290	7,757,245	0.7	12	15	7	30	1,400.00	0	0	0	0	980	1	24
6Q09 CHAMINÉ PRINCIPAL	USINA 6	P	370,260	7,757,500	5.7	35	15	224	167	4,816.00	154,506.00	100,822.00	58,100.00	227.9	4,334.00	1	24
6Q10 CHAMINÉ SECUNDARIA	USINA 6	P	370,280	7,757,345	3.6	38	15	117	119	14,510.00	32,583.00	32,187.00	14,040.00	151.9	13,059.00	1	24
6R27B CH.LAV. PENEIRAMENTO	USINA 6	P	370,220	7,757,550	1.8	22	15	28.5	34	679	0	0	0	0	475.3	1	24
AH34 CHAMINÉ PRINCIPAL	USINA 1	P	369,430	7,757,930	6	35	24	173	180	6,643.00	15,637.00	61,640.00	82,391.00	37.8	5,979.00	1	24
AH35 CHAMINÉ SECUNDARIA	USINA 1	P	369,475	7,757,900	3.5	41	24	56	80	5,600.00	13,518.00	8,702.00	5,600.00	25.2	5,040.00	1	24
BH34 CHAMINÉ PRINCIPAL	USINA 2	P	369,515	7,757,920	5.7	35	24	202	180	2,060.00	27,613.00	71,973.00	96,203.00	82.3	1,854.00	1	24
BH35 CHAMINÉ SECUNDARIA	USINA 2	P	369,470	7,757,930	3.5	41	24	103	80	10,600.00	32,311.00	53,210.00	14,098.00	54.9	9,540.00	1	24
CALDEIRAS NIBRASCO	SUPEL	P	370,413	7,757,026	1.2	9	15	3.1	215	329	7,820.00	812	143	12.3	230	1	24
CHAMINÉ CAM. FORRAMENTO	USINA 7	P	370,370	7,757,420	0.9	40	15	5.8	40	290	0	0	0	0	203	1	24
CHAMINÉ CAMADA MISTURA	USINA 7	P	370,400	7,757,360	0.9	32	15	6.4	30	320	0	0	0	0	224	1	24
CHAMINÉ PENEIRAMENTO	USINA 7	P	370,270	7,757,570	1.9	30	15	27.5	50	1,375.00	0	0	0	0	963	1	24
CHAMINÉ PRINC. KOBRASCO	USINA 7	P	370,285	7,757,550	7	100	15	376.5	150	26,355.00	150,600.00	141,263.00	81,418.00	884	135,540.0	1	24
															0		
CHAMINÉ SAÍDA FORNO	USINA 7	P	370,320	7,757,550	1.9	40	15	25.9	70	1,295.00	0	0	0	0	907	1	24
PCSPA1 PILHA CARVAO SUPOT	SUPOT	V	370,886	7,757,921	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPA2 PILHA CARVAO SUPOT	SUPOT	V	370,952	7,758,105	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPA3 PILHA CARVAO SUPOT	SUPOT	V	371,045	7,758,336	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPA4 PILHA CARVAO SUPOT	SUPOT	V	371,122	7,758,530	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPA5 PILHA CARVAO SUPOT	SUPOT	V	371,198	7,758,713	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPB1 PILHA CARVAO SUPOT	SUPOT	V	371,249	7,758,666	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPB2 PILHA CARVAO SUPOT	SUPOT	V	371,203	7,758,537	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPB3 PILHA CARVAO SUPOT	SUPOT	V	371,123	7,758,337	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPB4 PILHA CARVAO SUPOT	SUPOT	V	371,031	7,758,116	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPB5 PILHA CARVAO SUPOT	SUPOT	V	370,960	7,757,920	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPC1 PILHA CARVAO SUPOT	SUPOT	V	371,032	7,757,897	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPC2 PILHA CARVAO SUPOT	SUPOT	V	371,105	7,758,100	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPC3 PILHA CARVAO SUPOT	SUPOT	V	371,183	7,758,305	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24

PCSPC4 PILHA CARVAO SUPOT SUPOT	V	371,288	7,758,546	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PCSPC5 PILHA CARVAO SUPOT SUPOT	V	371,337	7,758,681	35	16	3	0	25	49.8	0	0	0	0	24.8	1	24
PMCV_A PILHA MINERIO CVRD USINAS 1 E 2	V	369,700	7,757,600	27.5	11	24	0	25	25.3	0	0	0	0	12.5	1	24
PMCV_B PILHA MINERIO CVRD USINAS 1 E 2	V	369,725	7,757,675	27.5	11	24	0	25	25.3	0	0	0	0	12.5	1	24
PMCV_C PILHA MINERIO CVRD USINAS 1 E 2	V	369,750	7,757,735	27.5	11	24	0	25	25.3	0	0	0	0	12.5	1	24
PMCV_D PILHA MINERIO CVRD USINAS 1 E 2	V	369,775	7,757,795	27.5	11	24	0	25	25.3	0	0	0	0	12.5	1	24
PMCV_E PILHA MINERIO CVRD USINAS 1 E 2	V	369,665	7,757,575	27.5	11	24	0	25	25.3	0	0	0	0	12.5	1	24
PMCV_F PILHA MINERIO CVRD USINAS 1 E 2	V	369,690	7,757,665	27.5	11	24	0	25	25.3	0	0	0	0	12.5	1	24
PMCV_G PILHA MINERIO CVRD USINAS 1 E 2	V	369,720	7,757,730	27.5	11	24	0	25	25.3	0	0	0	0	12.5	1	24
PMCV_H PILHA MINERIO CVRD USINAS 1 E 2	V	369,750	7,757,780	27.5	11	24	0	25	25.3	0	0	0	0	12.5	1	24
PMHS_A PILHA MINERIO HISP. USINA 4	V	369,525	7,758,220	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMHS_B PILHA MINERIO HISP. USINA 4	V	369,550	7,758,165	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMHS_D PILHA MINERIO HISP. USINA 4	V	369,625	7,757,975	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMHS_E PILHA MINERIO HISP. USINA 4	V	369,650	7,757,915	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMIT_A PILHA MINERIO ITAB. USINA 3	V	369,500	7,758,215	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMIT_B PILHA MINERIO ITAB. USINA 3	V	369,525	7,758,150	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMIT_C PILHA MINERIO ITAB. USINA 3	V	369,550	7,758,075	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMIT_D PILHA MINERIO ITAB. USINA 3	V	369,585	7,757,975	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMIT_E PILHA MINERIO ITAB. USINA 3	V	369,625	7,757,900	27.5	14	24	0	25	26	0	0	0	0	12.8	1	24
PMKB_A PILHA MINÉRIO KOBR USINA 7	V	370,020	7,757,650	30	13	15	0	25	13.9	0	0	0	0	6.9	1	24
PMKB_B PILHA MINÉRIO KOBR USINA 7	V	370,100	7,757,467	30	13	15	0	25	13.9	0	0	0	0	6.9	1	24
PMKB_C PILHA MINÉRIO KOBR USINA 7	V	370,171	7,757,271	30	13	15	0	25	13.9	0	0	0	0	6.9	1	24
PMKB_D PILHA MINÉRIO KOBR USINA 7	V	370,230	7,757,102	30	13	15	0	25	13.9	0	0	0	0	6.9	1	24
PMNB_A PILHA MINERIO NIBR. USINAS 5 E 6	V	370,085	7,757,630	28	14	17	0	25	30.2	0	0	0	0	14.9	1	24
PMNB_B PILHA MINERIO NIBR. USINAS 5 E 6	V	370,115	7,757,550	28	14	17	0	25	30.2	0	0	0	0	14.9	1	24
PMNB_C PILHA MINERIO NIBR. USINAS 5 E 6	V	370,145	7,757,475	28	14	17	0	25	30.2	0	0	0	0	14.9	1	24
PMNB_D PILHA MINERIO NIBR. USINAS 5 E 6	V	370,175	7,757,375	28	14	17	0	25	30.2	0	0	0	0	14.9	1	24
PMNB_E PILHA MINERIO NIBR. USINAS 5 E 6	V	370,205	7,757,315	28	14	17	0	25	30.2	0	0	0	0	14.9	1	24
PMNB_F PILHA MINERIO NIBR. USINAS 5 E 6	V	370,240	7,757,225	28	14	17	0	25	30.2	0	0	0	0	14.9	1	24
PMNB_G PILHA MINERIO NIBR. USINAS 5 E 6	V	370,275	7,757,165	28	14	17	0	25	30.2	0	0	0	0	14.9	1	24
PMSPA1 PILHA PEL./GRANUL. SUPOT	V	369,710	7,757,280	27	14	20	0	25	187.8	0	0	0	0	91.7	1	24
PMSPA2 PILHA PEL./GRANUL. SUPOT	V	369,770	7,757,140	27	14	20	0	25	187.8	0	0	0	0	91.7	1	24
PMSPA3 PILHA PEL./GRANUL. SUPOT	V	369,840	7,757,000	27	14	20	0	25	187.8	0	0	0	0	91.7	1	24
PMSPA4 PILHA PEL./GRANUL. SUPOT	V	369,900	7,756,860	27	14	20	0	25	187.8	0	0	0	0	91.7	1	24
PMSPB1 PILHA PEL./GRANUL. SUPOT	V	369,770	7,757,270	27	14	20	0	25	120.3	0	0	0	0	59.1	1	24
PMSPB2 PILHA PEL./GRANUL. SUPOT	V	369,850	7,757,100	27	14	20	0	25	120.3	0	0	0	0	59.1	1	24
PMSPB3 PILHA PEL./GRANUL. SUPOT	V	369,900	7,756,935	27	14	20	0	25	120.3	0	0	0	0	59.1	1	24
PMSPB4 PILHA PEL./GRANUL. SUPOT	V	369,960	7,756,840	27	14	20	0	25	120.3	0	0	0	0	59.1	1	24
PMSPC1 PILHA MIN. GRANUL. SUPOT	V	369,820	7,757,280	27	16	20	0	25	128.6	0	0	0	0	63.4	1	24
PMSPC2 PILHA MIN. GRANUL. SUPOT	V	369,880	7,757,140	27	16	20	0	25	128.6	0	0	0	0	63.4	1	24
PMSPC3 PILHA MIN. GRANUL. SUPOT	V	369,935	7,757,000	27	16	20	0	25	128.6	0	0	0	0	63.4	1	24
PMSPC4 PILHA MIN. GRANUL. SUPOT	V	369,995	7,756,860	27	16	20	0	25	128.6	0	0	0	0	63.4	1	24
PMSPD1 PILHA MIN. GRANUL. SUPOT	V	369,880	7,757,310	27	16	20	0	25	168.6	0	0	0	0	82	1	24
PMSPD2 PILHA MIN. GRANUL. SUPOT	V	369,940	7,757,165	27	16	20	0	25	168.6	0	0	0	0	82	1	24

PMSPD3 PILHA MIN. GRANUL.	SUPOT	V	370,000	7,757,020	27	16	20	0	25	168.6	0	0	0	0	82	1	24
PMSPD4 PILHA MIN. GRANUL.	SUPOT	V	370,060	7,756,879	27	16	20	0	25	168.6	0	0	0	0	82	1	24
PMSPE1 PILHA MINERIO FINO	SUPOT	V	370,250	7,756,725	80	16	6	0	25	125.5	0	0	0	0	62.3	1	24
PMSPE2 PILHA MINERIO FINO	SUPOT	V	370,340	7,756,765	80	16	6	0	25	125.5	0	0	0	0	62.3	1	24
PMSPE3 PILHA MINERIO FINO	SUPOT	V	370,430	7,756,805	80	16	6	0	25	125.5	0	0	0	0	62.3	1	24
PMSPE4 PILHA MINERIO FINO	SUPOT	V	370,520	7,756,845	80	16	6	0	25	125.5	0	0	0	0	62.3	1	24
PMSPE5 PILHA MINERIO FINO	SUPOT	V	370,610	7,756,885	80	16	6	0	25	125.5	0	0	0	0	62.3	1	24
PMSPF1 PILHA MINERIO FINO	SUPOT	V	370,275	7,756,660	70	16	6	0	25	122.5	0	0	0	0	60.8	1	24
PMSPF2 PILHA MINERIO FINO	SUPOT	V	370,370	7,756,700	70	16	6	0	25	122.5	0	0	0	0	60.8	1	24
PMSPF3 PILHA MINERIO FINO	SUPOT	V	370,470	7,756,740	70	16	6	0	25	122.5	0	0	0	0	60.8	1	24
PMSPF4 PILHA MINERIO FINO	SUPOT	V	370,565	7,756,780	70	16	6	0	25	122.5	0	0	0	0	60.8	1	24
PMSPF5 PILHA MINERIO FINO	SUPOT	V	370,665	7,756,820	70	16	6	0	25	122.5	0	0	0	0	60.8	1	24
PMSPF6 PILHA MINERIO FINO	SUPOT	V	370,760	7,756,860	70	16	6	0	25	122.5	0	0	0	0	60.8	1	24
PMSPG1 PILHA MINERIO FINO	SUPOT	V	370,310	7,756,580	65	16	6	0	25	150.5	0	0	0	0	74.2	1	24
PMSPG2 PILHA MINERIO FINO	SUPOT	V	370,410	7,756,610	65	16	6	0	25	150.5	0	0	0	0	74.2	1	24
PMSPG3 PILHA MINERIO FINO	SUPOT	V	370,505	7,756,640	65	16	6	0	25	150.5	0	0	0	0	74.2	1	24
PMSPG4 PILHA MINERIO FINO	SUPOT	V	370,600	7,756,670	65	16	6	0	25	150.5	0	0	0	0	74.2	1	24
PMSPG5 PILHA MINERIO FINO	SUPOT	V	370,700	7,756,730	65	16	6	0	25	150.5	0	0	0	0	74.2	1	24
PMSPH1 PILHA MINERIO FINO	SUPOT	V	370,350	7,756,515	65	16	6	0	25	160.2	0	0	0	0	79	1	24
PMSPH2 PILHA MINERIO FINO	SUPOT	V	370,445	7,756,550	65	16	6	0	25	160.2	0	0	0	0	79	1	24
PMSPH3 PILHA MINERIO FINO	SUPOT	V	370,535	7,756,590	65	16	6	0	25	160.2	0	0	0	0	79	1	24
PMSPH4 PILHA MINERIO FINO	SUPOT	V	370,630	7,756,625	65	16	6	0	25	160.2	0	0	0	0	79	1	24
PMSPH5 PILHA MINERIO FINO	SUPOT	V	370,725	7,756,665	65	16	6	0	25	160.2	0	0	0	0	79	1	24
PMSPI1 PILHA MINERIO FINO	SUPOT	V	370,400	7,756,425	65	16	6	0	25	149.1	0	0	0	0	73.5	1	24
PMSPI2 PILHA MINERIO FINO	SUPOT	V	370,490	7,756,465	65	16	6	0	25	149.1	0	0	0	0	73.5	1	24
PMSPI3 PILHA MINERIO FINO	SUPOT	V	370,585	7,756,505	65	16	6	0	25	149.1	0	0	0	0	73.5	1	24
PMSPI4 PILHA MINERIO FINO	SUPOT	V	370,675	7,756,540	65	16	6	0	25	149.1	0	0	0	0	73.5	1	24
PMSPI5 PILHA MINERIO FINO	SUPOT	V	370,770	7,756,580	65	16	6	0	25	149.1	0	0	0	0	73.5	1	24
PMSPI6 PILHA MINERIO FINO	SUPOT	V	370,860	7,756,620	65	16	6	0	25	149.1	0	0	0	0	73.5	1	24
PPCV_A PILHA PEL. CVRD 1 E 2	USINAS 1 E 2	V	369,630	7,757,700	60	12	21	0	25	90.7	0	0	0	0	43.6	1	24
PPCV_B PILHA PEL. CVRD 1 E 2	USINAS 1 E 2	V	369,655	7,757,650	60	12	21	0	25	90.7	0	0	0	0	43.6	1	24
PPCV_C PILHA PEL. CVRD 1 E 2	USINAS 1 E 2	V	369,675	7,757,575	60	12	21	0	25	90.7	0	0	0	0	43.6	1	24
PPCV_D PILHA PEL. CVRD 1 E 2	USINAS 1 E 2	V	369,560	7,757,700	60	12	21	0	25	90.7	0	0	0	0	43.6	1	24
PPCV_E PILHA PEL. CVRD 1 E 2	USINAS 1 E 2	V	369,575	7,757,650	40	12	21	0	25	90.7	0	0	0	0	43.6	1	24
PPCV_F PILHA PEL. CVRD 1 E 2	USINAS 1 E 2	V	369,590	7,757,585	40	12	21	0	25	90.7	0	0	0	0	43.6	1	24
PPCV_G PILHA PEL. CVRD 1 E 2	USINAS 1 E 2	V	369,610	7,757,540	40	12	21	0	25	90.7	0	0	0	0	43.6	1	24
PPHS_A PILHA PEL. HISP.	USINA 4	V	369,460	7,757,655	46	14	21	0	25	91.5	0	0	0	0	44	1	24
PPHS_B PILHA PEL. HISP.	USINA 4	V	369,470	7,757,600	46	14	21	0	25	91.5	0	0	0	0	44	1	24
PPHS_C PILHA PEL. HISP.	USINA 4	V	369,485	7,757,560	46	14	21	0	25	91.5	0	0	0	0	44	1	24
PPHS_D PILHA PEL. HISP.	USINA 4	V	369,515	7,757,505	46	14	21	0	25	91.5	0	0	0	0	44	1	24
PPIT_A PILHA PEL. ITABR.	USINA 3	V	369,500	7,757,675	46	14	21	0	25	91.6	0	0	0	0	44.1	1	24
PPIT_B PILHA PEL. ITABR.	USINA 3	V	369,520	7,757,625	46	14	21	0	25	91.6	0	0	0	0	44.1	1	24
PPIT_C PILHA PEL. ITABR.	USINA 3	V	369,545	7,757,575	46	14	21	0	25	91.6	0	0	0	0	44.1	1	24
PPIT_D PILHA PEL. ITABR.	USINA 3	V	369,565	7,757,525	46	14	21	0	25	91.6	0	0	0	0	44.1	1	24

PPKB_A PILHA PEL. KOBR.	USINA 7	V	370,575	7,757,750	50	13	15	0	25	127.6	0	0	0	0	61.4	1	24
PPKB_B PILHA PEL. KOBR.	USINA 7	V	370,641	7,757,590	50	13	15	0	25	127.6	0	0	0	0	61.4	1	24
PPKB_C PILHA PEL. KOBR.	USINA 7	V	370,721	7,757,409	50	13	15	0	25	127.6	0	0	0	0	61.4	1	24
PPKB_D PILHA PEL. KOBR.	USINA 7	V	370,770	7,757,251	50	13	15	0	25	127.6	0	0	0	0	61.4	1	24
PPNB_A PILHA PEL. NIBR.	USINAS 5 E 6	V	370,550	7,757,625	50	14	10	0	25	189.8	0	0	0	0	91.3	1	24
PPNB_B PILHA PEL. NIBR.	USINAS 5 E 6	V	370,575	7,757,575	50	14	10	0	25	189.8	0	0	0	0	91.3	1	24
PPNB_C PILHA PEL. NIBR.	USINAS 5 E 6	V	370,600	7,757,500	50	14	10	0	25	189.8	0	0	0	0	91.3	1	24
PPNB_D PILHA PEL. NIBR.	USINAS 5 E 6	V	370,625	7,757,425	50	14	10	0	25	189.8	0	0	0	0	91.3	1	24
PPNB_E PILHA PEL. NIBR.	USINAS 5 E 6	V	370,675	7,757,350	50	14	10	0	25	189.8	0	0	0	0	91.3	1	24
PPNB_F PILHA PEL. NIBR.	USINAS 5 E 6	V	370,700	7,757,275	50	14	10	0	25	189.8	0	0	0	0	91.3	1	24
PPNB_G PILHA PEL. NIBR.	USINAS 5 E 6	V	370,740	7,757,180	50	14	10	0	25	189.8	0	0	0	0	91.3	1	24
Transferência 1PA0/3PA1	Pátio Finos Usinas 3 e 4	V	369,818	7,757,433	1.5	3.5	24	0	25	156.1	0	0	0	0	75	1	24
Transferência 1PA3/1PA4	Pátio Finos Usinas 3 e 4	V	369,800	7,757,587	1.8	6	24	0	25	67.3	0	0	0	0	32.4	1	24
Transferência 1PA3/1PA5	Pátio Finos Usinas 3 e 4	V	369,733	7,757,559	1.8	6	24	0	25	44.9	0	0	0	0	21.6	1	24
Transferência 1PA4/1PA6	Pátio Finos Usinas 3 e 4	V	369,690	7,757,855	0.8	1.4	24	0	25	34.9	0	0	0	0	16.8	1	24
Transferência 1PA5/1PA6	Pátio Finos Usinas 3 e 4	V	369,623	7,757,828	0.8	1.4	24	0	25	34.9	0	0	0	0	16.8	1	24
Transferência 3PA1/3PA2	Pátio Finos Usinas 3 e 4	V	369,720	7,757,690	1.5	10.4	24	0	25	104.1	0	0	0	0	50	1	24
Transferência 3PA13/3PA14	Pátio Finos Usinas 3 e 4	V	369,378	7,758,255	1.2	16.5	24	0	25	11.6	0	0	0	0	5.6	1	24
Transferência 3PA5/3PA7	Pátio Finos Usinas 3 e 4	V	369,433	7,758,305	1	6	24	0	25	29	0	0	0	0	13.9	1	24
Transferência 3PA7/3PA9	Pátio Finos Usinas 3 e 4	V	369,424	7,758,330	1	1.4	24	0	25	27.1	0	0	0	0	13	1	24
Transferência 3PA7/4PA9	Pátio Finos Usinas 3 e 4	V	369,425	7,758,327	1	1.4	24	0	25	27.1	0	0	0	0	13	1	24
Transferência 3PA9/3PA13	Pátio Finos Usinas 3 e 4	V	369,360	7,758,300	1	10	24	0	25	11	0	0	0	0	5.3	1	24
Transferência 3PP1/3PP5	Pátio Pelotas Us. 3 e 4	V	369,492	7,757,764	0.8	0	21	0	25	5.6	0	0	0	0	2.7	1	24
Transferência 3PP1/T2	Pátio Pelotas Us. 3 e 4	V	369,494	7,757,764	0.9	0	21	0	25	0.6	0	0	0	0	0.3	1	24
Transferência 3PP5/3PP6	Pátio Pelotas Us. 3 e 4	V	369,550	7,757,615	0.8	2.2	21	0	25	2.4	0	0	0	0	1.2	1	24
Transferência 3PP7/3PP8	Pátio Pelotas Us. 3 e 4	V	369,503	7,757,591	1.6	9.2	21	0	25	20.2	0	0	0	0	9.7	1	24
Transferência 3PP8/3PP9	Pátio Pelotas Us. 3 e 4	V	369,557	7,757,456	1.6	4.9	21	0	25	15.7	0	0	0	0	7.5	1	24
Transferência 3PP8/T8	Pátio Pelotas Us. 3 e 4	V	369,550	7,757,461	1.6	4.9	21	0	25	3.5	0	0	0	0	1.7	1	24
Transferência 3PP9/B6	Pátio Pelotas Us. 3 e 4	V	369,557	7,757,456	1.6	0	21	0	25	9.1	0	0	0	0	4.4	1	24
Transferência 3Q24/3Q26	Pátio Pelotas Us. 3 e 4	V	369,469	7,757,726	1	13.3	21	0	25	0.2	0	0	0	0	0.1	1	24
Transferência 3Q26/PIL. EMERG.	Pátio Pelotas Us. 3 e 4	V	369,469	7,757,726	1	12.5	21	0	25	0.2	0	0	0	0	0.1	1	24
Transferência 3Q97/3Q98	Pátio Pelotas Us. 3 e 4	V	369,418	7,757,720	1	2.8	24	0	25	4.9	0	0	0	0	2.3	1	24
Transferência 3Q98/SILO	Pátio Pelotas Us. 3 e 4	V	369,441	7,757,728	1	9.7	24	0	25	1.8	0	0	0	0	0.8	1	24
Transferência 4PA13/4PA14	Pátio Finos Usinas 3 e 4	V	369,335	7,758,247	1.3	16.5	16.5	0	25	12.6	0	0	0	0	6	1	24
Transferência 4PA5/4PA7	Pátio Finos Usinas 3 e 4	V	369,500	7,758,332	1	6	24	0	25	31.4	0	0	0	0	15.1	1	24
Transferência 4PA7/3PA9	Pátio Finos Usinas 3 e 4	V	369,431	7,758,356	1	1.4	24	0	25	29.3	0	0	0	0	14.1	1	24
Transferência 4PA7/4PA9	Pátio Finos Usinas 3 e 4	V	369,493	7,758,353	1	1.4	24	0	25	29.3	0	0	0	0	14.1	1	24
Transferência 4PA9/4PA13	Pátio Finos Usinas 3 e 4	V	369,317	7,758,287	1	12.5	24	0	25	9.8	0	0	0	0	4.7	1	24
Transferência 4PP1/4PP5	Pátio Pelotas Us. 3 e 4	V	369,393	7,757,718	1	3.5	21	0	25	18.9	0	0	0	0	9.1	1	24
Transferência 4PP1/T5	Pátio Pelotas Us. 3 e 4	V	369,386	7,757,716	0.9	3.5	21	0	25	2.1	0	0	0	0	1	1	24
Transferência 4PP5/4PP6	Pátio Pelotas Us. 3 e 4	V	369,470	7,757,524	1	10	21	0	25	5.1	0	0	0	0	2.4	1	24
Transferência 4Q97/4Q98	Pátio Pelotas Us. 3 e 4	V	369,445	7,757,732	1	1.6	24	0	25	2.2	0	0	0	0	1.1	1	24
Transferência 4Q98/SILO	Pátio Pelotas Us. 3 e 4	V	369,470	7,757,743	1	9.7	24	0	25	1.8	0	0	0	0	0.8	1	24
Transferência 5PA1/5PA2	Pátio Pel./Finos Us.5 e 6	V	369,976	7,757,689	1.8	0	17	0	25	97.4	0	0	0	0	46.8	1	24

Transferência 5PA2/5PA3	Pátio Pel./Finos Us.5 e 6	V	370,024	7,757,707	1.8	1.6	17	0	25	97.4	0	0	0	0	46.8	1	24
Transferência 5PA3/5PA4	Pátio Pel./Finos Us.5 e 6	V	370,085	7,757,550	2	10.6	17	0	25	73	0	0	0	0	35.1	1	24
Transferência 5PA5/5PA6	Pátio Pel./Finos Us.5 e 6	V	370,221	7,757,325	1	3.5	17	0	25	19.5	0	0	0	0	9.4	1	24
Transferência 5PA6/5PA7	Pátio Pel./Finos Us.5 e 6	V	370,125	7,757,067	1	7	17	0	25	146.1	0	0	0	0	70.2	1	24
Transferência 5PA7/5PA8	Pátio Pel./Finos Us.5 e 6	V	370,278	7,757,047	1	14	17	0	25	87.6	0	0	0	0	42.1	1	24
Transferência 5PA8/5PA9	Pátio Pel./Finos Us.5 e 6	V	370,865	7,757,077	1	17	17	0	25	27.1	0	0	0	0	13	1	24
Transferência 6PP10/H22	Pátio Pelotas Us. 5 e 6	V	370,805	7,756,908	1.8	10.5	10	0	25	38.5	0	0	0	0	18.5	1	24
Transferência 6PP3/6PP4	Pátio Finos/Pel. Us.5 e 6	V	370,198	7,757,606	1	4.5	17	0	25	21.3	0	0	0	0	10.2	1	24
Transferência 6PP4/6PP6	Pátio Finos/Pel. Us.5 e 6	V	370,480	7,757,720	1	11.3	17	0	25	19.1	0	0	0	0	9.2	1	24
Transferência 6PP4/6PP9	Pátio Finos/Pel. Us.5 e 6	V	370,538	7,757,742	1.8	5.8	17	0	25	23.9	0	0	0	0	11.5	1	24
Transferência 6PP6/6PP7	Pátio Finos/Pel. Us.5 e 6	V	370,618	7,757,380	1.2	10	17	0	25	23.9	0	0	0	0	11.5	1	24
Transferência 6PP8/6PP9	Pátio Pelotas Us. 5 e 6	V	370,670	7,757,486	2.4	10	10	0	25	46	0	0	0	0	22.1	1	24
Transferência 6PP9/6PP10	Pátio Pelotas Us. 5 e 6	V	370,794	7,757,102	1.8	2	10	0	25	38.5	0	0	0	0	18.5	1	24
Transferência 6Q63/6Q64	Pátio Pelotas Us. 5 e 6	V	370,262	7,757,550	1	11	10	0	25	1.6	0	0	0	0	0.8	1	24
Transferência 6Q64/PILHA	Pátio Pelotas Us. 5 e 6	V	370,246	7,757,583	1	14.5	10	0	25	0.7	0	0	0	0	0.4	1	24
Transferência 6Q71/6Q5B	Pátio Pelotas Us. 5 e 6	V	370,218	7,757,552	1	10	10	0	25	0.3	0	0	0	0	0.1	1	24
Transferência 6R18/6R19	Pátio Pelotas Us. 5 e 6	V	370,203	7,756,905	0.6	4.5	10	0	25	0.2	0	0	0	0	0.1	1	24
Transferência 6R19/6R20	Pátio Pelotas Us. 5 e 6	V	370,513	7,757,734	0.6	17	10	0	25	0.3	0	0	0	0	0.1	1	24
Transferência 6R20/SILO	Pátio Pelotas Us. 5 e 6	V	370,530	7,757,716	0.6	18	10	0	25	0.1	0	0	0	0	0	1	24
Transferência A1/A2	SUPOT	V	369,712	7,757,364	1.5	1.2	20	0	25	19.1	0	0	0	0	9.2	1	24
Transferência A2/A3A	SUPOT	V	369,953	7,756,761	1.5	1.2	20	0	25	49.7	0	0	0	0	23.9	1	24
Transferência A2/EP01	SUPOT	V	369,781	7,757,190	1.5	7.7	20	0	25	358.2	0	0	0	0	172.1	1	24
Transferência A3A/A3B	SUPOT	V	370,075	7,756,455	1.5	10	20	0	25	160.5	0	0	0	0	77.1	1	24
Transferência A3A/D11	SUPOT	V	370,079	7,756,443	1	10	20	0	25	270.9	0	0	0	0	130.2	1	24
Transferência A3B/A4	SUPOT	V	370,215	7,756,110	1.5	5	20	0	25	41.7	0	0	0	0	20	1	24
Transferência A4/CN1	SUPOT	V	369,965	7,755,946	1.5	16	20	0	25	42.5	0	0	0	0	20.4	1	24
Transferência AH105/AH107	Pátio Pelotas Us. 1 e 2	V	369,543	7,757,724	1	5	24	0	25	0.3	0	0	0	0	0.1	1	24
Transferência B1/C2	SUPOT	V	370,000	7,756,779	1.5	1.3	20	0	25	60	0	0	0	0	28.9	1	24
Transferência B12B/B3	SUPOT	V	369,711	7,757,375	1.2	3.2	6	0	25	172.4	0	0	0	0	82.8	1	24
Transferência B14A/B3	SUPOT	V	369,730	7,757,383	1.2	3	20	0	25	158	0	0	0	0	75.9	1	24
Transferência B14B/B3	SUPOT	V	369,715	7,757,377	1.8	3	20	0	25	158	0	0	0	0	75.9	1	24
Transferência B15A/B18	SUPOT	V	369,694	7,757,463	0.9	3.9	20	0	25	4.5	0	0	0	0	2.1	1	24
Transferência B15B/B18	SUPOT	V	369,685	7,757,457	0.9	2.6	20	0	25	4.2	0	0	0	0	2	1	24
Transferência B16/B17	SUPOT	V	369,653	7,757,445	0.9	7	20	0	25	907.9	0	0	0	0	436.3	1	24
Transferência B18/B16	SUPOT	V	369,673	7,757,452	0.9	2.6	20	0	25	4.2	0	0	0	0	2	1	24
Transferência B3/A2	SUPOT	V	369,707	7,757,373	1.5	0	6	0	25	111.3	0	0	0	0	53.5	1	24
Transferência B3/B3C	SUPOT	V	369,796	7,757,411	1.5	0.5	6	0	25	193.9	0	0	0	0	93.2	1	24
Transferência B3A/B3F	SUPOT	V	370,048	7,756,793	1.5	1.7	20	0	25	113.2	0	0	0	0	54.4	1	24
Transferência B3A/EMP02	SUPOT	V	369,892	7,757,206	1.5	12.5	20	0	25	339.6	0	0	0	0	163.2	1	24
Transferência B3C/1PAO	SUPOT	V	369,792	7,757,422	1.5	0	20	0	25	299.7	0	0	0	0	144	1	24
Transferência B3F/A3A	SUPOT	V	369,954	7,756,756	1.5	1.6	20	0	25	28.4	0	0	0	0	13.6	1	24
Transferência B3F/C3A	SUPOT	V	369,960	7,756,758	1.5	1.6	20	0	25	28.4	0	0	0	0	13.6	1	24
Transferência B5/B5A	SUPOT	V	369,724	7,757,373	1.5	16.2	20	0	25	316.4	0	0	0	0	152	1	24
Transferência B5A/B5B	SUPOT	V	369,705	7,757,423	1.5	17	20	0	25	213.8	0	0	0	0	102.7	1	24

Transferência B5A/PENEIRAS	SUPOT	V	369,706	7,757,427	1.5	18.5	20	0	25	684.1	0	0	0	0	328.7	1	24
Transferência B6/A2	SUPOT	V	369,705	7,757,382	1.5	0.8	20	0	25	28.1	0	0	0	0	13.5	1	24
Transferência B6/C5	SUPOT	V	369,716	7,757,379	1.5	0.8	20	0	25	54.3	0	0	0	0	26.1	1	24
Transferência BH128/BH129	Pátio Pelotas Us. 1 e 2	V	369,499	7,757,775	0.7	1	24	0	25	0.2	0	0	0	0	0.1	1	24
Transferência BH129/Silo Finos	Pátio Pelotas Us. 1 e 2	V	369,525	7,757,736	0.7	2	24	0	25	0.1	0	0	0	0	0	1	24
Transferência BRITADOR/SC54	SUPOT-Britagem Carvão	V	369,820	7,757,519	0.9	2.1	5	0	25	0.2	0	0	0	0	0.1	1	24
Transferência C1/B3C	SUPOT	V	369,800	7,757,409	1.5	3.4	20	0	25	581.2	0	0	0	0	279.3	1	24
Transferência C1/B5	SUPOT	V	369,800	7,757,409	1.5	3.4	20	0	25	244.7	0	0	0	0	117.6	1	24
Transferência C2/A3A	SUPOT	V	369,953	7,756,761	1.5	1.6	20	0	25	50	0	0	0	0	24	1	24
Transferência C2/C3A	SUPOT	V	369,958	7,756,763	1.5	1.6	20	0	25	50	0	0	0	0	24	1	24
Transferência C3A/C3B	SUPOT	V	370,081	7,756,457	1.5	10	20	0	25	52.4	0	0	0	0	25.2	1	24
Transferência C3A/D11	SUPOT	V	370,085	7,756,446	2.1	10	20	0	25	117.8	0	0	0	0	56.6	1	24
Transferência C3B/C4	SUPOT	V	370,220	7,756,103	1.5	5	20	0	25	61.1	0	0	0	0	29.3	1	24
Transferência C4/CN2	SUPOT	V	370,120	7,756,045	1.8	16	20	0	25	61.6	0	0	0	0	29.6	1	24
Transferência C5/C5A	SUPOT	V	369,755	7,757,398	1.5	0.5	20	0	25	9	0	0	0	0	4.3	1	24
Transferência C5/C6	SUPOT	V	369,750	7,757,397	1.5	0.5	20	0	25	22.1	0	0	0	0	10.6	1	24
Transferência C5A/B3C	SUPOT	V	369,795	7,757,415	1.5	1.5	20	0	25	3.6	0	0	0	0	1.7	1	24
Transferência C5A/F5	SUPOT	V	369,995	7,757,415	1.5	2.8	20	0	25	11.4	0	0	0	0	5.5	1	24
Transferência C6/B1	SUPOT	V	369,790	7,757,310	1.5	4.3	20	0	25	11.3	0	0	0	0	5.4	1	24
Transferência CN1/NAVIO	SUPOT	V	369,978	7,755,915	1.5	18	20	0	25	103	0	0	0	0	49.5	1	24
Transferência CN2/NAVIO	SUPOT	V	370,103	7,756,075	1.8	18	20	0	25	569.7	0	0	0	0	273.8	1	24
Transferência CN3/NAVIO	SUPOT	V	369,835	7,756,203	2.1	18.5	20	0	25	376.1	0	0	0	0	180.7	1	24
Transferência CN4/NAVIO	SUPOT	V	369,670	7,756,113	2.1	18.5	20	0	25	505.4	0	0	0	0	242.9	1	24
Transferência CV01/MOT1	SUPOT- Praia Mole	V	370,637	7,758,011	1.2	11	3	0	25	11.7	0	0	0	0	5.6	1	24
Transferência D1/EP03	SUPOT	V	370,598	7,756,648	2.1	13.8	20	0	25	537.7	0	0	0	0	258.4	1	24
Transferência D10/D1	SUPOT	V	370,229	7,756,498	1.8	7.3	20	0	25	142	0	0	0	0	68.2	1	24
Transferência D10/D3	SUPOT	V	370,230	7,756,495	1.8	7.3	20	0	25	142	0	0	0	0	68.2	1	24
Transferência D10/D7	SUPOT	V	370,232	7,756,492	1.5	7.3	20	0	25	142	0	0	0	0	68.2	1	24
Transferência D11/D12	SUPOT	V	370,072	7,756,440	2.1	5	20	0	25	102.2	0	0	0	0	49.1	1	24
Transferência D12/D13	SUPOT	V	370,035	7,756,501	2.1	7.2	20	0	25	319.7	0	0	0	0	153.6	1	24
Transferência D13/CN3	SUPOT	V	369,774	7,756,312	2.1	10	20	0	25	220.5	0	0	0	0	105.9	1	24
Transferência D13/D15	SUPOT	V	369,773	7,756,314	2.1	19.5	20	0	25	0.4	0	0	0	0	0.2	1	24
Transferência D15/CN4	SUPOT	V	369,662	7,756,240	2.1	20	20	0	25	63.2	0	0	0	0	30.4	1	24
Transferência D3/A3B	SUPOT	V	370,083	7,756,435	1.8	5	20	0	25	72.4	0	0	0	0	34.8	1	24
Transferência D3/C3B	SUPOT	V	370,086	7,756,438	1.8	5	20	0	25	72.4	0	0	0	0	34.8	1	24
Transferência D3/D12	SUPOT	V	370,076	7,756,425	2.1	5	20	0	25	70.5	0	0	0	0	33.9	1	24
Transferência D4/D5	SUPOT	V	370,210	7,756,582	1.5	5.8	6	0	25	298.1	0	0	0	0	143.3	1	24
Transferência D5/D1	SUPOT	V	370,240	7,756,503	1.8	7.5	6	0	25	109.6	0	0	0	0	52.7	1	24
Transferência D5/D3	SUPOT	V	370,243	7,756,500	1.8	7.5	6	0	25	43.9	0	0	0	0	21.1	1	24
Transferência D5/D9	SUPOT	V	370,245	7,756,499	1.5	7.5	20	0	25	109.6	0	0	0	0	52.7	1	24
Transferência D6/A3B	SUPOT	V	370,087	7,756,426	2.1	5	6	0	25	30.2	0	0	0	0	14.5	1	24
Transferência D6/C3B	SUPOT	V	370,090	7,756,422	2.1	5	6	0	25	30.2	0	0	0	0	14.5	1	24
Transferência D6/D12	SUPOT	V	370,084	7,756,425	2.1	5	6	0	25	29.4	0	0	0	0	14.1	1	24
Transferência D7/A3B	SUPOT	V	370,085	7,756,435	1.5	5	20	0	25	42.9	0	0	0	0	20.6	1	24

Transferência D7/C3B	SUPOT	V	370,088	7,756,434	1.5	5	20	0	25	42.9	0	0	0	0	20.6	1	24
Transferência D7/D12	SUPOT	V	370,078	7,756,430	2.1	5	20	0	25	42.9	0	0	0	0	20.6	1	24
Transferência D8/D10	SUPOT	V	370,259	7,756,423	1.5	5.5	20	0	25	113.6	0	0	0	0	54.6	1	24
Transferência D9/A3B	SUPOT	V	370,086	7,756,429	1.5	5	6	0	25	32.6	0	0	0	0	15.7	1	24
Transferência D9/C3B	SUPOT	V	370,090	7,756,431	1.5	5	6	0	25	32.6	0	0	0	0	15.7	1	24
Transferência D9/C3B	SUPOT	V	370,090	7,756,431	1.5	5	6	0	25	32.6	0	0	0	0	15.7	1	24
Transferência D9/D12	SUPOT	V	370,080	7,756,428	2.1	5	6	0	25	32.6	0	0	0	0	15.7	1	24
Transferência DN02/TC01	SUPOT- Praia Mole	V	371,347	7,755,387	1.2	3.6	3	0	25	0.7	0	0	0	0	0.3	1	24
Transferência DN02/TC02	SUPOT- Praia Mole	V	371,350	7,755,384	1.2	3.6	3	0	25	0.4	0	0	0	0	0.2	1	24
Transferência DN03/TC01	SUPOT- Praia Mole	V	371,254	7,755,331	1.2	3.6	3	0	25	0.6	0	0	0	0	0.3	1	24
Transferência DN03/TC02	SUPOT- Praia Mole	V	371,256	7,755,327	1.2	3.6	3	0	25	0.8	0	0	0	0	0.4	1	24
Transferência EP03/EE01	SUPOT	V	370,582	7,756,687	2.1	30	6	0	25	295.4	0	0	0	0	142	1	24
Transferência ER01/H22	SUPOT	V	370,425	7,756,755	1.8	10	6	0	25	453.4	0	0	0	0	217.9	1	24
Transferência F1/F3	SUPOT	V	369,837	7,757,374	1.8	0	20	0	25	335.2	0	0	0	0	161.1	1	24
Transferência F2/F6	SUPOT	V	369,844	7,757,374	1.5	17	6	0	25	118.7	0	0	0	0	57.1	1	24
Transferência F3/F4	SUPOT	V	369,903	7,757,323	1.8	2.8	20	0	25	363.9	0	0	0	0	174.8	1	24
Transferência F4/D1	SUPOT	V	370,233	7,756,509	1.8	5	20	0	25	336.9	0	0	0	0	161.9	1	24
Transferência F4/D3	SUPOT	V	370,235	7,756,495	1.8	7.5	20	0	25	336.9	0	0	0	0	161.9	1	24
Transferência F4/D9	SUPOT	V	370,238	7,756,502	1.8	7.5	20	0	25	336.9	0	0	0	0	161.9	1	24
Transferência F5/F6	SUPOT	V	369,824	7,757,425	1.5	3.5	20	0	25	0.1	0	0	0	0	0.1	1	24
Transferência F6/3PA1	SUPOT	V	369,823	7,757,428	1.5	1.4	6	0	25	100.7	0	0	0	0	48.4	1	24
Transferência F6/F3	SUPOT	V	369,847	7,757,372	1.8	1	6	0	25	137.3	0	0	0	0	66	1	24
Transferência H22/ER01	SUPOT	V	370,425	7,756,755	1.8	15	6	0	25	397.7	0	0	0	0	191.1	1	24
Transferência H22/H23	SUPOT	V	370,077	7,756,660	1.8	5.7	6	0	25	99.4	0	0	0	0	47.8	1	24
Transferência H23/D6	SUPOT	V	370,254	7,756,491	2.1	9	6	0	25	62	0	0	0	0	29.8	1	24
Transferência H23/D9	SUPOT	V	370,250	7,756,498	1.8	9	6	0	25	62	0	0	0	0	29.8	1	24
Transferência HI/5PA1	Pátio Finos/ Pel. Us.5 e 6	V	370,048	7,757,503	1.8	0	17	0	25	163.1	0	0	0	0	78.4	1	24
Transferência MOEGA/SC49	SUPOT-Britagem Carvão	V	369,820	7,757,535	0.9	3.9	5	0	25	0.2	0	0	0	0	0.1	1	24
Transferência P0/P1	Pátio Pelotas Us. 1 e 2	V	369,553	7,757,785	1.5	1.4	24	0	25	10.3	0	0	0	0	5	1	24
Transferência P1/B6	Pátio Pelotas Us. 1 e 2	V	369,657	7,757,502	1.5	1.8	24	0	25	15.3	0	0	0	0	7.4	1	24
Transferência P1/P2	Pátio Pelotas Us. 1 e 2	V	369,584	7,757,683	1.5	7	21	0	25	8.3	0	0	0	0	4	1	24
Transferência P1/T8	Pátio Pelotas Us. 1 e 2	V	369,657	7,757,502	1.5	1.8	24	0	25	13.2	0	0	0	0	6.4	1	24
Transferência P3/P1	Pátio Pelotas Us. 1 e 2	V	369,619	7,757,594	1.8	6	24	0	25	11	0	0	0	0	5.3	1	24
Transferência PENEIRA/SC51	SUPOT-Britagem Carvão	V	369,826	7,757,531	0.9	5.6	5	0	25	0.2	0	0	0	0	0.1	1	24
Transferência PENEIRA1/B15A	SUPOT- Peneiramento	V	369,704	7,757,441	0.9	0.9	1.4	0	25	9.9	0	0	0	0	4.7	1	24
Transferência PENEIRA2/B15B	SUPOT- Peneiramento	V	369,678	7,757,436	0.9	1.4	20	0	25	9.9	0	0	0	0	4.7	1	24
Transferência PENEIRA3/B12B	SUPOT- Peneiramento	V	369,692	7,757,425	0.9	2	20	0	25	9.9	0	0	0	0	4.7	1	24
Transferência PENEIRA4/B14A	SUPOT- Peneiramento	V	369,712	7,757,432	0.9	1.7	20	0	25	11	0	0	0	0	5.3	1	24
Transferência PENEIRA5/B14B	SUPOT- Peneiramento	V	369,693	7,757,432	0.9	1.7	20	0	25	11	0	0	0	0	5.3	1	24
Transferência RC01/A2	SUPOT	V	369,884	7,756,927	1.5	10.9	20	0	25	70	0	0	0	0	33.6	1	24
Transferência RC02/B3A	SUPOT	V	369,979	7,756,953	1.5	7.7	20	0	25	315.8	0	0	0	0	151.7	1	24
Transferência RC03/B1	SUPOT	V	369,904	7,757,019	1.8	8.9	20	0	25	344.3	0	0	0	0	165.5	1	24
Transferência RC04/D4	SUPOT	V	370,455	7,756,780	1.8	10	6	0	25	701.5	0	0	0	0	337.1	1	24
Transferência RC05/D8	SUPOT	V	370,630	7,756,672	1.8	11	6	0	25	409	0	0	0	0	196.5	1	24

Transferência RC06/TC19	SUPOT- Praia Mole	V	371,100	7,758,382	1.5	5.1	3	0	25	1.9	0	0	0	0	0.9	1	24
Transferência SC49/PENEIRAS	SUPOT-Britagem Carvão	V	369,824	7,757,533	0.9	1.5	5	0	25	0.3	0	0	0	0	0.1	1	24
Transferência SC51/BRITADOR	SUPOT-Britagem Carvão	V	369,820	7,757,519	0.9	8	5	0	25	0.2	0	0	0	0	0.1	1	24
Transferência SC54/SC60	SUPOT-Britagem Carvão	V	369,810	7,757,523	0.9	2.6	5	0	25	0.2	0	0	0	0	0.1	1	24
Transferência SC60/PENEIRAS	SUPOT-Britagem Carvão	V	369,823	7,757,534	0.9	4.7	5	0	25	0.4	0	0	0	0	0.2	1	24
Transferência T0/T1	Pátio Pelotas Us. 1 e 2	V	369,535	7,757,802	0.9	2	24	0	25	1.3	0	0	0	0	0.6	1	24
Transferência T01/T1	Pátio Pelotas Us. 1 e 2	V	369,496	7,757,787	0.9	2.5	24	0	25	1.7	0	0	0	0	0.8	1	24
Transferência T1/T2	Pátio Pelotas Us. 1 e 2	V	369,486	7,757,784	0.9	0	24	0	25	0.7	0	0	0	0	0.4	1	24
Transferência T11/EP04	SUPOT	V	369,799	7,757,005	1.5	10.5	20	0	25	6.4	0	0	0	0	3.1	1	24
Transferência T2/T4	Pátio Pelotas Us. 1 e 2	V	369,486	7,757,792	0.9	0	24	0	25	0.6	0	0	0	0	0.3	1	24
Transferência T4/T5	Pátio Pelotas Us. 1 e 2	V	369,373	7,757,749	1.6	1.6	24	0	25	0.6	0	0	0	0	0.3	1	24
Transferência T5/T6	Pátio Pelotas Us. 3 e 4	V	369,492	7,757,454	1.5	1.7	21	0	25	0.9	0	0	0	0	0.4	1	24
Transferência T6/T11	SUPOT	V	369,712	7,757,352	1.5	1.7	20	0	25	3.5	0	0	0	0	1.7	1	24
Transferência T8/T6	Pátio Pelotas Us. 3 e 4	V	369,512	7,757,443	1.5	2.6	21	0	25	3.3	0	0	0	0	1.6	1	24
Transferência TC01/TC04	SUPOT- Praia Mole	V	371,538	7,755,504	1.2	5.5	3	0	25	4.8	0	0	0	0	2.3	1	24
Transferência TC02/TC05	SUPOT- Praia Mole	V	371,544	7,755,502	1.2	5.5	3	0	25	10	0	0	0	0	4.8	1	24
Transferência TC04/TC07	SUPOT- Praia Mole	V	370,956	7,756,967	1.2	7	3	0	25	3.7	0	0	0	0	1.8	1	24
Transferência TC05/TC08	SUPOT- Praia Mole	V	370,959	7,756,959	1.2	7	3	0	25	5.1	0	0	0	0	2.5	1	24
Transferência TC08/TC10	SUPOT- Praia Mole	V	371,121	7,757,733	1.2	10	3	0	25	7.3	0	0	0	0	3.5	1	24
Transferência TC08/TC12	SUPOT- Praia Mole	V	371,120	7,757,729	1.2	10	3	0	25	7.3	0	0	0	0	3.5	1	24
Transferência TC08/TC21	SUPOT- Praia Mole	V	371,122	7,757,740	1.2	10	3	0	25	7.3	0	0	0	0	3.5	1	24
Transferência TC10/TC11	SUPOT- Praia Mole	V	370,836	7,757,846	1.2	7	3	0	25	7.8	0	0	0	0	3.8	1	24
Transferência TC11/EP06	SUPOT- Praia Mole	V	371,127	7,758,407	1.2	15	3	0	25	14.4	0	0	0	0	6.9	1	24
Transferência TC11/TC16	SUPOT- Praia Mole	V	371,190	7,758,837	1.2	5.9	3	0	25	8.2	0	0	0	0	4	1	24
Transferência TC12/TC13	SUPOT- Praia Mole	V	370,952	7,757,790	1.2	5.5	3	0	25	8.1	0	0	0	0	3.9	1	24
Transferência TC13/EP05	SUPOT- Praia Mole	V	371,190	7,758,410	1.2	3	3	0	25	5	0	0	0	0	2.4	1	24
Transferência TC16/TC18	SUPOT- Praia Mole	V	371,325	7,758,785	1.2	6.2	3	0	25	1.3	0	0	0	0	0.6	1	24
Transferência TC18/CST	SUPOT- Praia Mole	V	371,624	7,758,824	1.2	7	3	0	25	2.7	0	0	0	0	1.3	1	24
Transferência TC19/TC10	SUPOT- Praia Mole	V	370,886	7,757,820	1.2	10.2	3	0	25	5.8	0	0	0	0	2.8	1	24
Transferência TC19/TC21	SUPOT- Praia Mole	V	370,888	7,757,825	1.2	10.2	3	0	25	5.8	0	0	0	0	2.8	1	24
Transferência TC21/TC27	SUPOT- Praia Mole	V	370,812	7,757,855	1.2	10	3	0	25	0.1	0	0	0	0	0	1	24
Transferência TC27/CV01	SUPOT- Praia Mole	V	370,637	7,758,011	1.2	30	3	0	25	4.8	0	0	0	0	2.3	1	24

Fontes Móveis - Veículos Automotores

Nome da Via de Tráfego (Trecho)	Setor ou Referência	Tipo	Coord.X	Coord.Y	Larg.	Alt.Fon	Alt.Solo	Vazão	Temp.	T.E.P. MP	T.E.P. SO ₂	T.E.P. NO _x	T.E.P. CO	T.E.P. HC	T.E.P.MP ₁	H.I.E	H.F.
			UTM (m)	UTM (m)		(m)	(m)			(m)	(Nm ³ /s)	(°C)	(mg/s)	(mg/s)	(mg/s)	(mg/s)	(mg/s)
3ª Ponte 01	Enseada do Suá	A	364,851	7,753,449	12	0.5	5	0	25	692.5	337.6	945.2	6,076.00	810.1	324.9	1	24
3ª Ponte 02	Enseada do Suá	A	365,495	7,753,156	12	0.5	40	0	25	692.5	337.6	945.2	6,076.00	810.1	324.9	1	24
3ª Ponte 03	Enseada do Suá	A	365,848	7,752,640	12	0.5	70	0	25	692.5	337.6	945.2	6,076.00	810.1	324.9	1	24
3ª Ponte 04	Praia da Costa	A	366,000	7,751,662	12	0.5	40	0	25	692.5	337.6	945.2	6,076.00	810.1	324.9	1	24
3ª Ponte 05	Praia da Costa	A	365,858	7,750,859	12	0.5	30	0	25	692.5	337.6	945.2	6,076.00	810.1	324.9	1	24

3ª Ponte 06	Praia da Costa	A	365,190	7,750,212	12	0.5	10	0	25	692.5	337.6	945.2	6,076.00	810.1	324.9	1	24
Av. Adalberto S. Nader 01	Mata da Praia	A	366,050	7,757,635	18	0.5	8	0	25	401.4	195.7	547.9	3,522.00	469.6	188.3	1	24
Av. Adalberto S. Nader 02	Bairro República	A	365,425	7,758,044	18	0.5	8	0	25	401.4	195.7	547.9	3,522.00	469.6	188.3	1	24
Av. Adalberto S. Nader 03	Goiaibeiras	A	364,622	7,758,551	18	0.5	8	0	25	401.4	195.7	547.9	3,522.00	469.6	188.3	1	24
Av. Alziro Zarur 01	J. Penha	A	364,139	7,757,084	6	0.5	10	0	25	220	107.3	300.3	1,930.50	257.4	103.2	1	24
Av. Anísio F. Coelho 01	J. Penha	A	365,268	7,755,710	6	0.5	10	0	25	319	155.5	435.4	2,799.20	373.2	149.7	1	24
Av. Anísio F. Coelho 02	J. Penha	A	364,809	7,756,305	6	0.5	10	0	25	319	155.5	435.4	2,799.20	373.2	149.7	1	24
Av. Anísio F. Coelho 03	J. Penha	A	364,433	7,756,829	6	0.5	10	0	25	319	155.5	435.4	2,799.20	373.2	149.7	1	24
Av. Castelo Branco 01	Praia da Costa	A	366,089	7,751,050	6	0.5	8	0	25	304.9	148.6	416.1	2,675.30	356.7	143	1	24
Av. Castelo Branco 02	Praia da Costa	A	365,446	7,750,988	6	0.5	8	0	25	304.9	148.6	416.1	2,675.30	356.7	143	1	24
Av. Castelo Branco 03	Praia da Costa	A	365,084	7,751,070	6	0.5	8	0	25	304.9	148.6	416.1	2,675.30	356.7	143	1	24
Av. Champagnat 01	Centro	A	364,764	7,750,862	6	0.5	10	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Champagnat 02	Centro	A	365,269	7,750,834	6	0.5	10	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Champagnat 03	Centro	A	365,957	7,750,757	6	0.5	8	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. César Hilal 01	Praia do Suá	A	363,925	7,753,420	18	0.5	8	0	25	382.4	186.4	522	3,355.50	447.4	179.4	1	24
Av. Dante Michelini 01	Camburi	A	368,036	7,758,670	18	0.5	4	0	25	93.2	612.8	1,715.80	11,029.90	1,470.70	58.4	1	24
Av. Dante Michelini 02	Camburi	A	367,382	7,758,503	18	0.5	4	0	25	93.2	612.8	1,715.80	11,029.90	1,470.70	58.4	1	24
Av. Dante Michelini 03	Camburi	A	366,307	7,757,816	18	0.5	4	0	25	93.2	612.8	1,715.80	11,029.90	1,470.70	58.4	1	24
Av. Dante Michelini 04	Camburi	A	365,551	7,757,121	18	0.5	4	0	25	93.2	612.8	1,715.80	11,029.90	1,470.70	58.4	1	24
Av. Dante Michelini 05	Camburi	A	365,215	7,756,397	18	0.5	4	0	25	93.2	612.8	1,715.80	11,029.90	1,470.70	58.4	1	24
Av. Dante Michelini 06	Camburi	A	365,250	7,755,787	18	0.5	4	0	25	93.2	612.8	1,715.80	11,029.90	1,470.70	58.4	1	24
Av. Des. Santos Neves 01	Praia do Canto	A	364,592	7,753,662	18	0.5	8	0	25	42.9	282.2	790.2	5,080.00	677.3	26.9	1	24
Av. Elias Miguel 01	Vila Rubim	A	359,270	7,752,418	12	0.5	8	0	25	25	164.5	460.6	2,960.80	394.8	15.7	1	24
Av. Elias Miguel 02	Vila Rubim	A	359,020	7,752,507	12	0.5	8	0	25	25	164.5	460.6	2,960.80	394.8	15.7	1	24
Av. Elias Miguel 03	Centro	A	360,021	7,752,273	12	0.5	8	0	25	25	164.5	460.6	2,960.80	394.8	15.7	1	24
Av. Expedito Garcia 01	Campo Grande	A	354,696	7,750,362	6	0.5	20	0	25	163.6	79.8	223.3	1,435.50	191.4	76.8	1	24
Av. Expedito Garcia 02	Campo Grande	A	354,933	7,750,068	6	0.5	20	0	25	163.6	79.8	223.3	1,435.50	191.4	76.8	1	24
Av. Expedito Garcia 03	Campo Grande	A	355,216	7,749,909	6	0.5	20	0	25	163.6	79.8	223.3	1,435.50	191.4	76.8	1	24
Av. Expedito Garcia 04	Campo Grande	A	355,633	7,750,123	6	0.5	18	0	25	163.6	79.8	223.3	1,435.50	191.4	76.8	1	24
Av. Expedito Garcia 05	Campo Grande	A	355,780	7,750,401	6	0.5	18	0	25	163.6	79.8	223.3	1,435.50	191.4	76.8	1	24
Av. Fernando Ferrari 01	Goiaibeiras	A	364,804	7,758,951	12	0.5	12	0	25	119.1	782.8	2,191.80	14,090.40	1,878.70	74.6	1	24
Av. Fernando Ferrari 02	Goiaibeiras	A	365,320	7,759,681	12	0.5	12	0	25	119.1	782.8	2,191.80	14,090.40	1,878.70	74.6	1	24
Av. Fernando Ferrari 03	Goiaibeiras	A	364,160	7,757,350	12	0.5	10	0	25	119.1	782.8	2,191.80	14,090.40	1,878.70	74.6	1	24
Av. Fernando Ferrari 04	Goiaibeiras	A	364,254	7,758,251	12	0.5	10	0	25	119.1	782.8	2,191.80	14,090.40	1,878.70	74.6	1	24
Av. Fernando Ferrari 05	Goiaibeiras	A	364,536	7,758,588	12	0.5	10	0	25	119.1	782.8	2,191.80	14,090.40	1,878.70	74.6	1	24
Av. Florentino Avidos 01	Centro	A	359,787	7,752,415	9	0.5	4	0	25	335.3	163.5	457.7	2,942.50	392.3	157.3	1	24
Av. Francelina Setubal 01	Itaparica	A	364,864	7,748,357	6	0.5	10	0	25	225.9	110.1	308.4	1,982.50	264.3	106	1	24
Av. Francelina Setubal 02	Itaparica	A	364,981	7,748,772	6	0.5	10	0	25	225.9	110.1	308.4	1,982.50	264.3	106	1	24
Av. Francelina Setubal 03	Santa Mônica	A	364,677	7,748,114	6	0.5	10	0	25	225.9	110.1	308.4	1,982.50	264.3	106	1	24
Av. Getúlio Vargas 01	Centro	A	360,761	7,752,440	12	0.5	4	0	25	22.5	148	414.5	2,664.80	355.3	14.1	1	24
Av. Getúlio Vargas 02	Centro	A	361,535	7,752,445	12	0.5	4	0	25	22.5	148	414.5	2,664.80	355.3	14.1	1	24
Av. Hugo Musso 01	Centro	A	365,930	7,750,702	6	0.5	8	0	25	126.9	61.8	173.2	1,113.30	148.4	59.5	1	24
Av. Hugo Musso 02	Centro	A	365,867	7,750,163	6	0.5	8	0	25	126.9	61.8	173.2	1,113.30	148.4	59.5	1	24
Av. Hugo Musso 03	Centro	A	365,804	7,749,605	6	0.5	8	0	25	126.9	61.8	173.2	1,113.30	148.4	59.5	1	24

Av. Hugo Musso 04	Itapoã	A	365,764	7,749,144	6	0.5	8	0	25	126.9	61.8	173.2	1,113.30	148.4	59.5	1	24
Av. Itacibá 01	Itacibá	A	356,662	7,752,054	6	0.5	20	0	25	199	97	271.6	1,746.10	232.8	93.4	1	24
Av. Itacibá 02	Itacibá	A	356,274	7,752,255	6	0.5	20	0	25	247.9	120.9	338.4	2,175.50	290.1	116.3	1	24
Av. Itacibá 03	Itacibá	A	355,673	7,752,583	6	0.5	30	0	25	247.9	120.9	338.4	2,175.50	290.1	116.3	1	24
Av. Itacibá 04	Itacibá	A	355,411	7,753,111	6	0.5	38	0	25	247.9	120.9	338.4	2,175.50	290.1	116.3	1	24
Av. Itacibá 05	Itacibá	A	355,016	7,753,593	6	0.5	30	0	25	247.9	120.9	338.4	2,175.50	290.1	116.3	1	24
Av. Itacibá 06	Tabajara	A	354,763	7,754,204	6	0.5	40	0	25	247.9	120.9	338.4	2,175.50	290.1	116.3	1	24
Av. Itacibá 07	Tabajara	A	354,215	7,754,798	6	0.5	45	0	25	247.9	120.9	338.4	2,175.50	290.1	116.3	1	24
Av. Jerônimo Monteiro 01	Centro	A	361,027	7,752,704	9	0.5	14	0	25	660.4	322	901.5	5,795.20	772.7	309.9	1	24
Av. Jerônimo Monteiro 02	Centro	A	360,573	7,752,502	9	0.5	12	0	25	660.4	322	901.5	5,795.20	772.7	309.9	1	24
Av. Jerônimo Monteiro 03	Centro	A	360,102	7,752,246	9	0.5	12	0	25	660.4	322	901.5	5,795.20	772.7	309.9	1	24
Av. Jerônimo Monteiro VV 04	Capuaba	A	361,050	7,750,346	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 05	Paul	A	360,666	7,750,634	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 06	Paul	A	360,511	7,751,234	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 07	Paul	A	360,349	7,751,584	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 08	Paul	A	360,025	7,751,932	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 09	Paul	A	359,605	7,751,757	6	0.5	8	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 10	São Torquato	A	359,103	7,751,497	6	0.5	8	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 11	Centro	A	364,361	7,751,027	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 12	Centro	A	363,713	7,750,867	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 13	Glória	A	363,241	7,750,521	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 14	Aribiri	A	362,896	7,750,641	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 15	Aribiri	A	362,379	7,750,659	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 16	Aribiri	A	361,929	7,750,360	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. Jerônimo Monteiro VV 17	Capuaba	A	361,414	7,750,302	6	0.5	12	0	25	278.5	135.7	380.1	2,443.30	325.8	130.6	1	24
Av. José Celso Cláudio 01	J. Camburi	A	367,999	7,759,329	6	0.5	5	0	25	211.2	103	288.3	1,853.30	247.1	99.1	1	24
Av. José Celso Cláudio 02	J. Camburi	A	367,992	7,758,788	6	0.5	5	0	25	211.2	103	288.3	1,853.30	247.1	99.1	1	24
Av. José Rato 01	Carapina	A	366,649	7,761,567	12	0.5	25	0	25	234.7	114.4	320.3	2,059.10	274.6	110.1	1	24
Av. José Rato 02	Fátima	A	367,297	7,761,212	12	0.5	25	0	25	234.7	114.4	320.3	2,059.10	274.6	110.1	1	24
Av. José Rato 03	Fátima	A	367,560	7,760,933	12	0.5	20	0	25	234.7	114.4	320.3	2,059.10	274.6	110.1	1	24
Av. José Rato 04	Fátima	A	368,062	7,759,963	12	0.5	15	0	25	234.7	114.4	320.3	2,059.10	274.6	110.1	1	24
Av. José Sete 01	Alto Lage	A	356,471	7,751,132	12	0.5	15	0	25	199	97	271.6	1,746.10	232.8	93.4	1	24
Av. José Sete 02	Itacibá	A	356,745	7,751,559	12	0.5	22	0	25	199	97	271.6	1,746.10	232.8	93.4	1	24
Av. João Mendes 01	Itaparica	A	363,763	7,746,462	6	0.5	4	0	25	173.2	84.4	236.3	1,519.40	202.6	81.2	1	24
Av. João Mendes 02	Itaparica	A	363,427	7,746,746	6	0.5	8	0	25	173.2	84.4	236.3	1,519.40	202.6	81.2	1	24
Av. João Mendes 03	Itaparica	A	363,396	7,747,379	6	0.5	10	0	25	173.2	84.4	236.3	1,519.40	202.6	81.2	1	24
Av. João Mendes 04	Santa Mônica	A	363,320	7,747,895	6	0.5	10	0	25	173.2	84.4	236.3	1,519.40	202.6	81.2	1	24
Av. João Mendes 05	Santa Mônica	A	363,304	7,748,514	6	0.5	10	0	25	173.2	84.4	236.3	1,519.40	202.6	81.2	1	24
Av. João Mendes 06	Santa Mônica	A	363,224	7,749,010	6	0.5	10	0	25	173.2	84.4	236.3	1,519.40	202.6	81.2	1	24
Av. João Mendes 07	Santa Inês	A	363,140	7,749,447	6	0.5	12	0	25	173.2	84.4	236.3	1,519.40	202.6	81.2	1	24
Av. João Mendes 08	Santa Inês	A	362,870	7,749,891	6	0.5	12	0	25	173.2	84.4	236.3	1,519.40	202.6	81.2	1	24
Av. Leitão da Silva 01	Praia do Suá	A	364,078	7,753,268	12	0.5	8	0	25	194.7	94.9	265.8	1,708.50	227.8	91.3	1	24
Av. Leitão da Silva 02	Praia do Suá	A	363,986	7,753,585	12	0.5	8	0	25	194.7	94.9	265.8	1,708.50	227.8	91.3	1	24
Av. Leitão da Silva 03	Santa Lúcia	A	363,988	7,754,010	12	0.5	8	0	25	194.7	94.9	265.8	1,708.50	227.8	91.3	1	24

Av. Leitão da Silva 04	Santa Lúcia	A	363,850	7,754,560	12	0.5	8	0	25	194.7	94.9	265.8	1,708.50	227.8	91.3	1	24
Av. Leitão da Silva 05	Santa Lúcia	A	363,820	7,755,066	12	0.5	8	0	25	194.7	94.9	265.8	1,708.50	227.8	91.3	1	24
Av. Leitão da Silva 06	Santa Lúcia	A	363,730	7,755,580	12	0.5	8	0	25	194.7	94.9	265.8	1,708.50	227.8	91.3	1	24
Av. Leitão da Silva 07	Bomba	A	363,709	7,755,698	12	0.5	8	0	25	194.7	94.9	265.8	1,708.50	227.8	91.3	1	24
Av. Luciano das Neves 01	Centro	A	365,026	7,750,696	6	0.5	10	0	25	336.9	164.3	459.9	2,956.50	394.2	158.1	1	24
Av. Luciano das Neves 02	Centro	A	364,916	7,750,000	6	0.5	10	0	25	336.9	164.3	459.9	2,956.50	394.2	158.1	1	24
Av. Luciano das Neves 03	Cristóvão Colombo	A	364,809	7,749,370	6	0.5	10	0	25	336.9	164.3	459.9	2,956.50	394.2	158.1	1	24
Av. Luciano das Neves 04	Itaparica	A	364,709	7,748,499	6	0.5	10	0	25	336.9	164.3	459.9	2,956.50	394.2	158.1	1	24
Av. Mal. Mascarenhas Moraes 01	Ilha de Santa Maria	A	362,170	7,752,783	18	0.5	4	0	25	135.4	889.9	2,491.80	16,018.80	2,135.80	84.8	1	24
Av. Mal. Mascarenhas Moraes 02	Bento Ferreira	A	362,971	7,752,895	18	0.5	4	0	25	135.4	889.9	2,491.80	16,018.80	2,135.80	84.8	1	24
Av. Mal. Mascarenhas Moraes 03	Bento Ferreira	A	363,596	7,752,764	18	0.5	4	0	25	135.4	889.9	2,491.80	16,018.80	2,135.80	84.8	1	24
Av. Marechal Campos 01	Bonfim	A	362,448	7,755,045	6	0.5	15	0	25	186.9	91.1	255.1	1,640.00	218.7	87.7	1	24
Av. Marechal Campos 02	Bonfim	A	362,795	7,754,362	6	0.5	15	0	25	186.9	91.1	255.1	1,640.00	218.7	87.7	1	24
Av. Marechal Campos 03	Lourdes	A	362,728	7,753,609	6	0.5	10	0	25	186.9	91.1	255.1	1,640.00	218.7	87.7	1	24
Av. Maruípe 01	Santa Lúcia	A	363,885	7,755,788	12	0.5	12	0	25	394.9	192.5	539	3,465.00	462	185.3	1	24
Av. Maruípe 02	Maruípe	A	363,320	7,755,608	12	0.5	20	0	25	394.9	192.5	539	3,465.00	462	185.3	1	24
Av. Maruípe 03	Maruípe	A	362,777	7,755,285	12	0.5	12	0	25	394.9	192.5	539	3,465.00	462	185.3	1	24
Av. Maruípe 04	Maruípe	A	362,257	7,755,054	12	0.5	12	0	25	394.9	192.5	539	3,465.00	462	185.3	1	24
Av. Maruípe 05	Maruípe	A	362,027	7,754,780	12	0.5	4	0	25	394.9	192.5	539	3,465.00	462	185.3	1	24
Av. Maruípe 06	Fradinhos	A	361,782	7,754,255	12	0.5	12	0	25	394.9	192.5	539	3,465.00	462	185.3	1	24
Av. N. S ^ª . Navegantes 01	Enseada do Suá	A	365,084	7,754,188	18	0.5	4	0	25	114.5	752.5	2,106.90	13,544.30	1,805.90	71.7	1	24
Av. N. S ^ª . Navegantes 02	Enseada do Suá	A	365,235	7,753,720	18	0.5	4	0	25	114.5	752.5	2,106.90	13,544.30	1,805.90	71.7	1	24
Av. N. S ^ª . Navegantes 03	Enseada do Suá	A	365,230	7,753,304	18	0.5	4	0	25	114.5	752.5	2,106.90	13,544.30	1,805.90	71.7	1	24
Av. N. S ^ª . Navegantes 04	Enseada do Suá	A	364,713	7,753,010	18	0.5	4	0	25	114.5	752.5	2,106.90	13,544.30	1,805.90	71.7	1	24
Av. N. S ^ª . Navegantes 05	Enseada do Suá	A	364,150	7,753,054	18	0.5	4	0	25	114.5	752.5	2,106.90	13,544.30	1,805.90	71.7	1	24
Av. N. S ^ª . da Penha 01	Praia do Canto	A	364,640	7,754,197	18	0.5	10	0	25	81.7	536.9	1,503.40	9,665.00	1,288.70	51.2	1	24
Av. N. S ^ª . da Penha 02	Praia do Canto	A	364,155	7,755,308	18	0.5	10	0	25	81.7	536.9	1,503.40	9,665.00	1,288.70	51.2	1	24
Av. N. S ^ª . da Penha 03	Bomba	A	363,855	7,756,227	18	0.5	10	0	25	81.7	536.9	1,503.40	9,665.00	1,288.70	51.2	1	24
Av. Paulino Müller 01	Jucutuquara	A	362,083	7,753,998	12	0.5	10	0	25	563.2	274.5	768.7	4,941.50	658.9	264.2	1	24
Av. Paulino Müller 02	Jucutuquara	A	362,103	7,753,484	12	0.5	10	0	25	563.2	274.5	768.7	4,941.50	658.9	264.2	1	24
Av. Princesa Isabel 01	Centro	A	360,900	7,752,503	12	0.5	10	0	25	397.8	193.9	542.9	3,490.30	465.4	186.6	1	24
Av. Princesa Isabel 02	Centro	A	360,420	7,752,391	12	0.5	10	0	25	397.8	193.9	542.9	3,490.30	465.4	186.6	1	24
Av. Rio Branco 01	J. Penha	A	365,160	7,755,737	12	0.5	8	0	25	668.8	326	912.8	5,868.30	782.4	313.8	1	24
Av. Rio Branco 02	Praia do Canto	A	364,594	7,755,008	12	0.5	8	0	25	668.8	326	912.8	5,868.30	782.4	313.8	1	24
Av. Rio Branco 03	Santa Lúcia	A	364,139	7,754,182	12	0.5	8	0	25	668.8	326	912.8	5,868.30	782.4	313.8	1	24
Av. Saturnino de Brito 01	Praia do Canto	A	365,295	7,755,295	18	0.5	4	0	25	46.4	304.6	853	5,483.60	731.1	29	1	24
Av. Saturnino de Brito 02	Praia do Canto	A	365,086	7,754,788	18	0.5	4	0	25	46.4	304.6	853	5,483.60	731.1	29	1	24
Av. Vitória 01	Forte	A	361,777	7,752,882	18	0.5	10	0	25	65.7	432	1,209.50	7,775.50	1,036.70	41.2	1	24
Av. Vitória 02	Forte	A	361,492	7,752,461	18	0.5	20	0	25	65.7	432	1,209.50	7,775.50	1,036.70	41.2	1	24
Av. Vitória 03	Jucutuquara	A	362,273	7,753,535	18	0.5	10	0	25	65.7	432	1,209.50	7,775.50	1,036.70	41.2	1	24
Av. Vitória 04	Horto	A	363,049	7,753,652	18	0.5	10	0	25	65.7	432	1,209.50	7,775.50	1,036.70	41.2	1	24
Av. XV de Novembro 01	Praia da Costa	A	366,023	7,750,879	6	0.5	8	0	25	223.1	108.8	304.5	1,957.50	261	104.7	1	24
Av. XV de Novembro 02	Centro	A	365,408	7,750,936	6	0.5	8	0	25	223.1	108.8	304.5	1,957.50	261	104.7	1	24
Av. XV de Novembro 03	Centro	A	365,050	7,750,992	6	0.5	8	0	25	223.1	108.8	304.5	1,957.50	261	104.7	1	24

BR 101 - Reta Aeroporto 01	Goiabeiras	A	365,772	7,760,506	12	0.5	12	0	25	74.2	487.6	1,365.30	8,777.00	1,170.30	46.5	1	24
BR 101 - Reta Aeroporto 02	Carapina	A	366,623	7,761,849	12	0.5	25	0	25	74.2	487.6	1,365.30	8,777.00	1,170.30	46.5	1	24
BR 101 - Reta Aeroporto 03	Carapina	A	366,120	7,761,117	12	0.5	20	0	25	74.2	487.6	1,365.30	8,777.00	1,170.30	46.5	1	24
BR-101N 01	Carapina	A	367,131	7,762,601	24	0.5	20	0	25	109.6	720.3	2,016.80	12,965.00	1,728.70	68.7	1	24
BR-101N 02	Carapina	A	367,301	7,763,334	24	0.5	20	0	25	109.6	720.3	2,016.80	12,965.00	1,728.70	68.7	1	24
BR-101N 03	J. Limoeiro	A	367,350	7,764,394	24	0.5	20	0	25	109.6	720.3	2,016.80	12,965.00	1,728.70	68.7	1	24
BR-101N 04	J. Limoeiro	A	367,386	7,765,419	24	0.5	20	0	25	109.6	720.3	2,016.80	12,965.00	1,728.70	68.7	1	24
BR-101N 05	J. Anchieta	A	367,432	7,766,575	24	0.5	20	0	25	109.6	720.3	2,016.80	12,965.00	1,728.70	68.7	1	24
BR-101N 06	Taquara	A	367,718	7,767,812	24	0.5	30	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 07	Barcelona	A	367,780	7,768,316	24	0.5	30	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 08	CIVIT	A	367,405	7,769,005	12	0.5	35	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 09	Pitanga	A	366,797	7,770,034	12	0.5	40	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 10	Pitanga	A	366,182	7,771,732	12	0.5	20	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 11	Campinho	A	365,238	7,771,864	12	0.5	30	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 12	Vista da Serra	A	364,930	7,772,877	12	0.5	20	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 13	Serra	A	364,204	7,773,965	12	0.5	40	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 14	Serra	A	363,603	7,774,514	12	0.5	50	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101N 15	Pitanga	A	366,519	7,770,800	12	0.5	40	0	25	43.7	286.9	803.4	5,165.00	688.7	27.3	1	24
BR-101S 01	Viana	A	347,270	7,745,021	6	0.5	20	0	25	730.6	356.1	997.2	6,410.50	854.7	342.8	1	24
BR-101S 02	Viana	A	347,600	7,744,214	6	0.5	20	0	25	730.6	356.1	997.2	6,410.50	854.7	342.8	1	24
BR-101S 03	Viana	A	348,041	7,743,045	6	0.5	25	0	25	730.6	356.1	997.2	6,410.50	854.7	342.8	1	24
BR-101S 04	Jucu	A	347,725	7,742,074	6	0.5	20	0	25	730.6	356.1	997.2	6,410.50	854.7	342.8	1	24
BR-101S 05	Jucu	A	347,640	7,740,743	6	0.5	30	0	25	730.6	356.1	997.2	6,410.50	854.7	342.8	1	24
BR-101S 06	Jucu	A	347,706	7,739,968	6	0.5	30	0	25	730.6	356.1	997.2	6,410.50	854.7	342.8	1	24
BR-262 01	J. América	A	358,400	7,751,142	24	0.5	6	0	25	53.4	350.9	982.6	6,317.00	842.3	33.4	1	24
BR-262 02	J. América	A	357,758	7,751,183	24	0.5	10	0	25	53.4	350.9	982.6	6,317.00	842.3	33.4	1	24
BR-262 03	J. América	A	357,178	7,751,100	18	0.5	13	0	25	50.9	334.2	935.9	6,016.30	802.2	31.9	1	24
BR-262 04	J. América	A	356,727	7,750,790	18	0.5	18	0	25	50.9	334.2	935.9	6,016.30	802.2	31.9	1	24
BR-262 05	Alto Lage	A	356,144	7,750,725	18	0.5	22	0	25	50.9	334.2	935.9	6,016.30	802.2	31.9	1	24
BR-262 06	Campo Grande	A	355,500	7,750,462	24	0.5	10	0	25	49.4	324.4	908.3	5,839.00	778.5	30.9	1	24
BR-262 07	Campo Grande	A	354,989	7,750,640	24	0.5	10	0	25	49.4	324.4	908.3	5,839.00	778.5	30.9	1	24
BR-262 08	Campo Grande	A	354,502	7,750,328	24	0.5	10	0	25	49.4	324.4	908.3	5,839.00	778.5	30.9	1	24
BR-262 09	Campo Grande	A	354,035	7,750,092	24	0.5	12	0	25	49.4	324.4	908.3	5,839.00	778.5	30.9	1	24
BR-262 10	Campo Grande	A	353,116	7,749,860	12	0.5	18	0	25	51.6	339.4	950.2	6,108.60	814.5	32.3	1	24
BR-262 11	Campo Grande	A	352,680	7,749,499	12	0.5	18	0	25	51.6	339.4	950.3	6,109.00	814.5	32.3	1	24
BR-262 12	Campo Grande	A	352,323	7,748,831	6	0.5	18	0	25	573	279.3	782.1	5,027.80	670.4	268.8	1	24
BR-262 13	Viana	A	351,545	7,748,215	6	0.5	18	0	25	573	279.3	782.1	5,027.80	670.4	268.8	1	24
BR-262 14	Viana	A	350,744	7,748,350	6	0.5	22	0	25	573	279.3	782.1	5,027.80	670.4	268.8	1	24
BR-262 15	Viana	A	350,061	7,747,837	6	0.5	25	0	25	573	279.3	782.1	5,027.80	670.4	268.8	1	24
BR-262 16	Viana	A	349,359	7,747,606	6	0.5	18	0	25	573	279.3	782.1	5,027.80	670.4	268.8	1	24
BR-262 17	Viana	A	349,372	7,746,368	12	0.5	18	0	25	674.1	328.6	920.1	5,915.00	788.7	316.3	1	24
BR-262 18	Viana	A	348,520	7,745,900	12	0.5	18	0	25	674.1	328.6	920.1	5,915.00	788.7	316.3	1	24
BR-262 19	Viana	A	347,605	7,745,444	12	0.5	20	0	25	674.1	328.6	920.1	5,915.00	788.7	316.3	1	24
BR-262 20	Viana	A	346,342	7,745,120	6	0.5	24	0	25	595.4	290.3	812.7	5,224.80	696.6	279.4	1	24

BR-262 21	Viana	A	345,555	7,744,614	6	0.5	26	0	25	595.4	290.3	812.7	5,224.80	696.6	279.4	1	24
BR-262 22	Viana	A	344,583	7,744,481	6	0.5	30	0	25	595.4	290.3	812.7	5,224.80	696.6	279.4	1	24
BR-262 23	Viana	A	343,937	7,744,990	6	0.5	35	0	35	595.4	290.3	812.7	5,224.80	696.6	279.4	1	24
Est. Jacaraípe I - 01	J. Limoeiro	A	368,258	7,764,803	12	0.5	20	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 02	Chácara Parreiral	A	369,440	7,764,978	12	0.5	20	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 03	Chácara Parreiral	A	370,561	7,765,298	12	0.5	20	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 04	Chácara Parreiral	A	371,590	7,765,232	12	0.5	20	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 05	Chácara Parreiral	A	372,574	7,765,518	12	0.5	20	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 06	Manguinhos	A	373,874	7,766,512	12	0.5	20	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 07	Manguinhos	A	374,761	7,767,185	12	0.5	20	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 08	Manguinhos	A	374,875	7,768,032	12	0.5	10	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 09	Manguinhos	A	375,342	7,768,800	12	0.5	3	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 10	Jacaraípe	A	375,300	7,769,611	12	0.5	5	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 11	Jacaraípe	A	375,385	7,770,465	12	0.5	5	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 12	Jacaraípe	A	375,300	7,771,677	12	0.5	5	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 13	Jacaraípe	A	375,470	7,772,471	12	0.5	5	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 14	Jacaraípe	A	375,555	7,773,367	6	0.5	5	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 15	Jacaraípe	A	376,728	7,774,374	6	0.5	5	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 16	Jacaraípe	A	377,073	7,775,333	6	0.5	5	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 17	São Francisco	A	377,195	7,776,194	6	0.5	5	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 18	São Francisco	A	377,054	7,777,194	6	0.5	8	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 19	Nova Almeida	A	376,989	7,779,059	6	0.5	15	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 20	Nova Almeida	A	376,686	7,780,087	6	0.5	20	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 21	Nova Almeida	A	376,116	7,780,536	6	0.5	15	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 22	Nova Almeida	A	375,706	7,781,334	6	0.5	8	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe I - 23	Nova Almeida	A	375,390	7,781,820	6	0.5	4	0	25	307.9	150.1	420.3	2,701.80	360.2	144.5	1	24
Est. Jacaraípe II - 01	Castelândia	A	375,333	7,770,619	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 02	Castelândia	A	374,731	7,769,750	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 03	Feu Rosa	A	373,890	7,769,430	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 04	Feu Rosa	A	373,106	7,769,150	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 05	Feu Rosa	A	372,430	7,768,590	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 06	Feu Rosa	A	371,506	7,768,077	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 07	CIVIT II	A	370,670	7,767,715	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 08	CIVIT II	A	370,012	7,767,080	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 09	Laranjeiras	A	369,725	7,766,435	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 10	Laranjeiras	A	368,527	7,766,580	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. Jacaraípe II - 11	Valparaíso	A	367,261	7,766,658	12	0.5	20	0	25	300	146.2	409.4	2,632.00	350.9	140.7	1	24
Est. de Capuaba 01	Capuaba	A	360,810	7,749,183	6	0.5	12	0	25	170.5	83.1	232.8	1,496.30	199.5	80	1	24
Est. de Capuaba 02	Capuaba	A	361,155	7,749,696	6	0.5	12	0	25	170.5	83.1	232.8	1,496.30	199.5	80	1	24
Est. de Capuaba 03	Capuaba	A	361,401	7,750,249	6	0.5	12	0	25	347	169.2	473.7	3,045.00	406	162.8	1	24
Ponte Florentino Avidos 01	São Torquato	A	358,850	7,751,738	6	0.5	8	0	25	169	82.4	230.7	1,483.30	197.8	79.3	1	24
Ponte Florentino Avidos 02	Vila Rubim	A	359,031	7,752,162	6	0.5	8	0	25	169	82.4	230.7	1,483.30	197.8	79.3	1	24
Ponte do Príncipe 01	Santo Antônio	A	358,715	7,752,515	12	0.5	4	0	25	39.7	261	730.8	4,697.80	626.4	24.9	1	24
Ponte do Príncipe 02	Santo Antônio	A	358,549	7,751,412	12	0.5	15	0	25	39.7	261	730.8	4,697.80	626.4	24.9	1	24

Ponte do Príncipe 03	São Torquato	A	358,711	7,750,151	12	0.5	4	0	25	39.7	261	730.8	4,697.80	626.4	24.9	1	24
Ponte do Príncipe 04	Santo Antônio	A	358,888	7,752,106	12	0.5	10	0	25	39.7	261	730.8	4,697.80	626.4	24.9	1	24
Rod. Carlos Lindemberg 01	Cobilândia	A	358,772	7,749,973	12	0.5	8	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Carlos Lindemberg 02	Cobilândia	A	359,127	7,749,312	12	0.5	10	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Carlos Lindemberg 03	Cobilândia	A	359,685	7,748,939	12	0.5	10	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Carlos Lindemberg 04	Cobilândia	A	360,605	7,748,682	12	0.5	10	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Carlos Lindemberg 05	Cobilândia	A	361,450	7,748,951	18	0.5	10	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Carlos Lindemberg 06	Cobilândia	A	362,231	7,749,403	18	0.5	10	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Carlos Lindemberg 07	Cobilândia	A	362,885	7,749,900	18	0.5	10	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Carlos Lindemberg 08	Stª Inês	A	363,620	7,750,405	18	0.5	10	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Carlos Lindemberg 09	Glória	A	364,251	7,750,750	18	0.5	10	0	25	646	314.9	881.8	5,668.80	755.8	303.1	1	24
Rod. Contorno 01	Ceasa	A	353,516	7,750,422	6	0.5	15	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 02	Ceasa	A	353,979	7,751,335	6	0.5	18	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 03	Ceasa	A	354,344	7,752,334	6	0.5	27	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 04	Tabajara	A	354,310	7,753,222	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 05	Tabajara	A	354,283	7,754,480	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 06	Tabajara	A	354,523	7,755,305	6	0.5	30	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 07	Tabajara	A	354,668	7,756,096	6	0.5	35	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 08	Itanhenga	A	354,530	7,757,199	6	0.5	28	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 09	Itanhenga	A	354,970	7,758,291	6	0.5	30	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 10	Flechal	A	355,644	7,758,782	6	0.5	35	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 11	Flechal	A	356,172	7,759,400	6	0.5	30	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 12	Flechal	A	356,658	7,760,139	6	0.5	32	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 13	Flechal	A	356,926	7,761,178	6	0.5	32	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 14	Flechal	A	356,952	7,762,052	6	0.5	32	0	25	477.3	232.7	651.5	4,188.10	558.4	223.9	1	24
Rod. Contorno 15	Carapina	A	357,408	7,763,294	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 16	Carapina	A	358,130	7,764,020	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 17	Carapina	A	359,235	7,764,105	6	0.5	30	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 18	Carapina	A	360,128	7,764,148	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 19	Carapina	A	361,062	7,764,318	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 20	Carapina	A	361,955	7,764,959	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 21	Carapina	A	363,520	7,765,020	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 22	Carapina	A	364,420	7,764,639	6	0.5	20	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 23	Carapina	A	365,013	7,763,797	6	0.5	20	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 24	Carapina	A	365,709	7,762,942	6	0.5	30	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 25	André Carloni	A	366,384	7,762,431	6	0.5	30	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Contorno 26	Carapina	A	362,762	7,765,044	6	0.5	25	0	25	477.3	232.7	651.5	4,188.00	558.4	223.9	1	24
Rod. Darly Santos 01	Araçás	A	362,207	7,744,397	6	0.5	12	0	25	347	169.2	473.7	3,045.00	406	162.8	1	24
Rod. Darly Santos 02	Araçás	A	361,750	7,744,907	6	0.5	12	0	25	347	169.2	473.7	3,045.00	406	162.8	1	24
Rod. Darly Santos 03	Araçás	A	361,126	7,745,374	6	0.5	12	0	25	347	169.2	473.7	3,045.00	406	162.8	1	24
Rod. Darly Santos 04	Araçás	A	361,067	7,746,180	6	0.5	12	0	25	347	169.2	473.7	3,045.00	406	162.8	1	24
Rod. Darly Santos 05	Araçás	A	361,545	7,746,791	6	0.5	12	0	25	347	169.2	473.7	3,045.00	406	162.8	1	24
Rod. Darly Santos 06	Araçás	A	361,332	7,747,608	6	0.5	12	0	25	347	169.2	473.7	3,045.00	406	162.8	1	24
Rod. Darly Santos 07	Cobilândia	A	360,780	7,748,706	6	0.5	12	0	25	347	169.2	473.7	3,045.00	406	162.8	1	24

Rod. Norte-Sul 01	CIVIT	A	368,925	7,770,003	12	0.5	35	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 02	Barcelona	A	369,027	7,769,064	12	0.5	30	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 03	Taquara	A	369,323	7,767,979	12	0.5	30	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 04	Laranjeiras	A	368,685	7,766,911	12	0.5	20	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 05	Laranjeiras	A	368,808	7,766,214	12	0.5	20	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 06	Laranjeiras	A	368,295	7,765,370	12	0.5	20	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 07	J. Limoeiro	A	368,073	7,764,391	12	0.5	20	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 08	J. Limoeiro	A	367,740	7,763,387	12	0.5	20	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 09	São Geraldo	A	367,281	7,762,700	12	0.5	20	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 10	Manoel Plaza	A	367,022	7,761,466	12	0.5	30	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Norte-Sul 11	B. Fátima	A	366,964	7,761,190	12	0.5	30	0	25	322	156.9	439.4	2,825.00	376.7	151	1	24
Rod. Serafim Derenze 01	S. Antônio	A	358,649	7,752,578	12	0.5	6	0	25	138.4	67.5	188.9	1,214.10	161.9	64.9	1	24
Rod. Serafim Derenze 02	S. Antônio	A	358,190	7,752,880	12	0.5	5	0	25	138.4	67.5	188.9	1,214.10	161.9	64.9	1	24
Rod. Serafim Derenze 03	S. Antônio	A	358,293	7,753,397	6	0.5	10	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 04	S. Antônio	A	358,557	7,753,686	6	0.5	10	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 05	S. Antônio	A	358,751	7,753,968	6	0.5	10	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 06	S. Antônio	A	359,078	7,754,440	6	0.5	20	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 07	S. Antônio	A	359,339	7,754,801	6	0.5	10	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 08	S. Antônio	A	359,692	7,755,329	6	0.5	15	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 09	S. Antônio	A	360,091	7,755,849	6	0.5	20	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 10	São Pedro	A	360,531	7,756,392	6	0.5	6	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 11	São Pedro	A	360,606	7,756,774	6	0.5	15	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 12	São Pedro	A	361,087	7,756,485	6	0.5	12	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 13	São Pedro	A	361,396	7,757,172	6	0.5	12	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 14	São Pedro	A	361,596	7,757,633	6	0.5	10	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 15	São Pedro	A	362,101	7,757,874	6	0.5	30	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 16	São Pedro	A	362,379	7,757,109	6	0.5	15	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 17	São Pedro	A	362,730	7,756,453	6	0.5	15	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 18	São Pedro	A	362,841	7,755,796	6	0.5	15	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. Serafim Derenze 19	Maruípe	A	363,246	7,755,642	6	0.5	25	0	25	150.7	73.4	205.6	1,322.00	176.3	70.7	1	24
Rod. do Sol 01	Itaparica	A	364,531	7,747,864	12	0.5	8	0	25	13.1	86.4	241.9	1,555.00	207.3	8.2	1	24
Rod. do Sol 02	Itaparica	A	363,620	7,746,372	12	0.5	8	0	25	13.1	86.4	241.9	1,555.00	207.3	8.2	1	24
Rua Antônio Ataíde 01	Itapoã	A	364,990	7,749,032	6	0.5	10	0	25	225.9	110.1	308.4	1,982.50	264.3	106	1	24
Rua Antônio Ataíde 02	Itapoã	A	364,959	7,749,576	6	0.5	10	0	25	225.9	110.1	308.4	1,982.50	264.3	106	1	24
Rua Antônio Ataíde 03	Centro	A	365,024	7,750,203	6	0.5	10	0	25	225.9	110.1	308.4	1,982.50	264.3	106	1	24
Rua Antônio Ataíde 04	Centro	A	365,108	7,750,785	6	0.5	10	0	25	225.9	110.1	308.4	1,982.50	264.3	106	1	24
Rua Aristobulo B. Leão 01	Jardim da Penha	A	364,972	7,757,062	10	0.5	5	0	25	142.1	69.3	194	1,247.20	166.3	66.7	1	24
Rua Aristobulo B. Leão 02	Jardim da Penha	A	365,335	7,756,806	10	0.5	5	0	25	142.1	69.3	194	1,247.20	166.3	66.7	1	24
Rua Carlos Martins 01	J. Camburi	A	367,400	7,758,682	6	0.5	5	0	25	154.3	75.2	210.7	1,354.30	180.6	72.4	1	24
Rua Carlos Martins 02	J. Camburi	A	367,415	7,759,229	6	0.5	5	0	25	154.3	75.2	210.7	1,354.30	180.6	72.4	1	24
Rua Carlos Martins 03	J. Camburi	A	367,370	7,759,973	6	0.5	5	0	25	154.3	75.2	210.7	1,354.30	180.6	72.4	1	24
Rua Demerval Lyrio 01	Bairro Republica	A	364,845	7,758,001	10	0.5	5	0	25	88.7	43.2	121.1	778.2	103.8	41.6	1	24
Rua Demerval Lyrio 02	Mata da Praia	A	364,760	7,757,660	10	0.5	5	0	25	88.7	43.2	121.1	778.2	103.8	41.6	1	24
Rua Demerval Lyrio 03	Jardim da Penha	A	364,632	7,757,318	10	0.5	5	0	25	88.7	43.2	121.1	778.2	103.8	41.6	1	24

Rua Henrique Moscoso 01	Centro	A	364,335	7,751,129	6	0.5	4	0	25	415.7	202.7	567.5	3,648.00	486.4	195	1	24
Rua Henrique Moscoso 02	Centro	A	364,930	7,751,087	6	0.5	4	0	25	415.7	202.7	567.5	3,648.00	486.4	195	1	24
Rua Henrique Moscoso 03	Centro	A	365,610	7,751,001	10	0.5	4	0	25	415.7	202.7	567.5	3,648.00	486.4	195	1	24
Rua João da Cruz 01	Praia do Canto	A	364,548	7,755,611	10	0.5	5	0	25	169.8	82.8	231.8	1,490.20	198.7	79.7	1	24
Rua João da Cruz 02	Praia do Canto	A	365,185	7,755,227	10	0.5	5	0	25	169.8	82.8	231.8	1,490.20	198.7	79.7	1	24

