

AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL

RESOLUÇÃO AUTORIZATIVA Nº 14.296, DE 11 DE ABRIL DE 2023.

Declara de utilidade pública, em favor da Cooperativa Agrária Agroindustrial., áreas de terra necessárias à implantação da Pequena Central Hidrelétrica São Jerônimo, localizada nos municípios de Pinhão e Guarapuava, no estado do Paraná.

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL, no uso de suas atribuições regimentais e de acordo com deliberação da Diretoria, tendo em vista o disposto no art. 29, inciso VIII, da Lei nº 8.987, de 13 de fevereiro de 1995, no art. 10 da Lei nº 9.074, de 7 de julho de 1995, com redação dada pela Lei nº 9.648, de 27 de maio de 1998, no Decreto-Lei nº 3.365, de 21 de junho de 1941, com base no art. 3º-A da Lei nº 9.427, de 26 de dezembro de 1996, no art. 1º do 1º do Decreto nº. 10.272, de 12 de março de 2020 na Resolução Normativa nº 919, de 23 de fevereiro de 2021, e o que consta do Processo nº 48500.005489/2022-15, resolve:

Art. 1º Declarar de utilidade pública, para fins de desapropriação ou uso, em favor da Cooperativa Agrária Agroindustrial, inscrita no CNPJ/MF sob o nº 77.890.846/0001-79, com sede na Avenida Paraná, 211, Setor Cereais Vitória, no bairro Colônia Vitória, no município de Guarapuava, no Paraná, de áreas que perfazem uma superfície de 77,0616 ha (setenta e sete hectares, seis ares e dezesseis centiares), localizadas nos municípios de Pinhão e Guarapuava, no estado do Paraná, necessárias à operação da PCH São Jerônimo, cadastrada sob o Código Único de Empreendimentos de Geração - CEG nº PCH.PH.PR.028791-1.01

§ 1º As áreas de terras referidas no caput descrevem-se e caracterizam-se por meio de distâncias, azimutes e coordenadas dos vértices de polígonos na projeção UTM, referenciadas ao Meridiano Central 51º W Gr, fuso 22 S, tendo como *Datum* horizontal o SIRGAS 2000, conforme memorial descritivo constante no Anexo “MEMORIAL 9189” desta Resolução.

§ 2º A Cooperativa Agrária Agroindustrial deverá fiscalizar as terras destinadas à operação da PCH São Jerônimo, promovendo sua gestão sócio patrimonial.

Art. 2º Em relação às propriedades privadas referidas no art. 1º, a Cooperativa Agrária Agroindustrial fica autorizada a promover, com recursos próprios, amigável ou judicialmente, as desapropriações de domínio, podendo, inclusive, invocar o caráter de urgência para fins de imissão provisória na posse dos bens, nos termos do art. 15 do Decreto-Lei nº 3.365, de 21 de junho de 1941, alterado pela Lei nº 2.786, de 21 de maio de 1956.

Art. 3º Em relação às propriedades públicas eventualmente contidas nos polígonos referido no art. 1º, a DUP denota afetação específica de geração de energia elétrica, cabendo à Cooperativa Agrária Agroindustrial a postulação de instrumentos que permitam o pretendido uso.

§ 1º A declaração de utilidade pública das áreas públicas não confere poderes expropriatórios à Cooperativa Agrária Agroindustrial em face da União ou dos órgãos da Administração Pública Federal Indireta.

§ 2º A cessão das áreas públicas declaradas de utilidade pública será formalizada mediante ulterior contrato de cessão de uso a ser celebrado com a Cooperativa Agrária Agroindustrial, nos termos da Lei nº 9.636, de 15 de maio de 1998.

Art. 4º A Cooperativa Agrária Agroindustrial deverá apresentar em até 180 (sessenta) dias a contar da data de entrada em operação do empreendimento, o Quadro-Resumo do Levantamento e Situação das Áreas Objeto da Declaração de Utilidade Pública - DUP, conforme modelo do Anexo III da Resolução Normativa nº 919, de 23 de fevereiro de 2021, assinado pelo representante legal, devidamente preenchido de forma que seja possível a identificação dos proprietários ou possuidores das áreas de terra afetadas.

Art. 5º A Cooperativa Agrária Agroindustrial fica obrigada a atender às determinações emanadas das leis e dos regulamentos administrativos estabelecidos pelos órgãos ambientais, aplicáveis ao empreendimento, bem como aos procedimentos previstos nas normas e regulamentos que disciplinam a construção, operação e manutenção de Pequenas Centrais Hidrelétricas.

Art. 6º A descrição das áreas de terras referidas no § 2º do art. 1º, contida no Anexo desta Resolução, encontra-se no Processo supracitado e está disponível em www.aneel.gov.br.

Art. 7º Esta Resolução entra em vigor na data de sua publicação.

SANDOVAL DE ARAÚJO FEITOSA NETO



ANEXO DA RESOLUÇÃO AUTORIZATIVA Nº 14.296, DE 11 DE ABRIL DE 2023

 DECLARAÇÃO DE UTILIDADE PÚBLICA
 Memorial Descritivo
 9189

Polígono 01				
UF	Código Município	Empreendimento	Sistema Referência	de Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Bota-fora/empréstimo	Desapropriação	4.2413	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	452231.032		7165258.837	
2	452260.613		7165238.391	
3	452301.266		7165191.868	
4	452325.944		7165191.322	
5	452344.046		7165184.54	
6	452364.619		7165183.372	
7	452394.333		7165176.903	
8	452422.19		7165175.633	
9	452449.299		7165176.014	
10	452468.597		7165181.714	
11	452504.469		7165198.991	
12	452518.547		7165209.47	
13	452533.164		7165226.58	
14	452536.673		7165248.586	
15	452535.382		7165262.235	
16	452517.774		7165295.625	
17	452506.899		7165313.334	
18	452482.842		7165347.093	

19	452470.44	7165376.86		
20	452412.501	7165359.546		
21	452345.116	7165341.552		
22	452271.501	7165331.029		
Polígono 02				
UF	Código Município	Empreendimento	Sistema Referência	de Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Estruturas de adução	Desapropriação	12.0782	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	455408.824	7162286.129		
2	455408.116	7162302.025		
3	455390.938	7162334.637		
4	455385.808	7162343.821		
5	455380.311	7162368.293		
6	455371.113	7162384.895		
7	455371.466	7162392.842		
8	455352.519	7162419.812		
9	455340.844	7162429.879		
10	455316.964	7162425.817		
11	455310.065	7162425.817		
12	455281.763	7162438.003		
13	455253.284	7162438.71		
14	455227.812	7162445.421		
15	455214.722	7162450.719		
16	455190.763	7162457.318		
17	455159.277	7162467.385		
18	455137.873	7162476.922		



19	455126.022	7162483.457
20	455094.889	7162490.345
21	455063.662	7162492.186
22	455051.28	7162479.116
23	455042.435	7162487.241
24	455048.98	7162498.367
25	455035.89	7162510.554
26	455035.183	7162517.089
27	455017.65	7162532.719
28	455000.315	7162539.077
29	454974.666	7162533.248
30	454944.595	7162512.408
31	454876.402	7162463.853
32	454855.706	7162439.833
33	454821.675	7162417.109
34	454805.578	7162405.099
35	454789.658	7162398.211
36	454768.608	7162392.736
37	454739.598	7162388.673
38	454709.173	7162391.676
39	454695.729	7162397.857
40	454659.012	7162401.237
41	454634.778	7162409.361
42	454611.959	7162422.431
43	454597.101	7162431.791
44	454582.93	7162448.662
45	454563.118	7162481.512
46	454542.227	7162522.777
47	454514.291	7162580.371
48	454509.168	7162596.285
49	454503.757	7162625.726
50	454498.065	7162671.478



51	454492.086	7162720.817
52	454493.509	7162740.425
53	454495.501	7162763.444
54	454484.368	7162782.291
55	454463.955	7162815.724
56	454448.71	7162844.631
57	454435.638	7162873.773
58	454416.456	7162911.976
59	454402.489	7162938.079
60	454382.767	7162960.166
61	454361.996	7162976.257
62	454314.686	7162999.809
63	454304.121	7163019.833
64	454298.57	7163038.964
65	454295.8	7163076.734
66	454290.387	7163105.557
67	454280.464	7163124.472
68	454263.595	7163175.979
69	454268.406	7163182.584
70	454283.14	7163189.189
71	454286.768	7163194.88
72	454285.723	7163205.349
73	454285.693	7163216.794
74	454286.398	7163226.195
75	454287.351	7163233.437
76	454360.767	7163721.634
77	454363.037	7163742.556
78	454364.804	7163758.848
79	454365.031	7163780.915
80	454364.548	7163806.853
81	454362.412	7163831.087



82	454358.208	7163852.719
83	454351.394	7163884.165
84	454343.133	7163909.3
85	454330.879	7163941.041
86	454316.284	7163969.488
87	454304.308	7163989.93
88	454265.093	7164040.034
89	454244.583	7164061.435
90	454217.605	7164085.603
91	452696.449	7165296.603
92	452694.201	7165294.283
93	452690.978	7165293.535
94	452662.798	7165296.154
95	452648.157	7165306.203
96	452646.583	7165313.911
97	452630.158	7165336.474
98	452599.253	7165363.566
99	452579.462	7165401.782
100	452568.964	7165409.095
101	452517.638	7165424.767
102	452481.016	7165433.055
103	452458.921	7165444.147
104	452422.858	7165469.947
105	452335.236	7165534.546
106	452330.884	7165542.615
107	452351.274	7165556.022
108	452360.617	7165534.691
109	452423.888	7165491.967
110	452476.308	7165459.196
111	452573.06	7165430.141
112	452605.248	7165411.464
113	452608.69	7165417.432



114	452618.562	7165414.086
115	452618.381	7165399.889
116	452625.457	7165382.536
117	452638.137	7165370.057
118	452651.45	7165385.34
119	452706.005	7165343.229
120	452706.747	7165308.179
121	452701.88	7165302.506
122	454222.77	7164091.717
123	454250.148	7164067.19
124	454271.146	7164045.28
125	454310.939	7163994.438
126	454323.3	7163973.339
127	454338.19	7163944.317
128	454350.67	7163911.991
129	454359.125	7163886.266
130	454366.045	7163854.329
131	454370.345	7163832.205
132	454372.542	7163807.279
133	454373.032	7163780.948
134	454372.8	7163758.374
135	454370.99	7163741.693
136	454368.703	7163720.607
137	454295.273	7163232.32
138	454294.358	7163225.372
139	454293.693	7163216.505
140	454293.722	7163205.758
141	454294.969	7163193.263
142	454306.106	7163193.755
143	454325.068	7163184.171
144	454328.933	7163151.263
145	454326.943	7163138.407



146	454335.611	7163112.729
147	454338.069	7163097.652
148	454351.417	7163055.595
149	454358.083	7163027.207
150	454374.587	7163009.092
151	454403.186	7162991.258
152	454433.985	7162964.198
153	454443.7	7162946.083
154	454534.807	7162780.28
155	454539.035	7162750.305
156	454544.568	7162669.104
157	454550.874	7162603.303
158	454623.851	7162463.253
159	454634.844	7162450.001
160	454648.763	7162440.118
161	454670.295	7162437.314
162	454695.505	7162433.608
163	454740.78	7162430.739
164	454754.777	7162429.503
165	454774.032	7162434.059
166	454795.863	7162449.317
167	454813.649	7162465.995
168	454837.975	7162482.797
169	454860.169	7162495.691
170	454946.673	7162559.446
171	454978.085	7162574.015
172	455005.444	7162577.86
173	455018.82	7162578.062
174	455043.139	7162575.027
175	455064.216	7162570.98
176	455078.808	7162573.206



177	455099.074	7162573.813		
178	455115.548	7162589.215		
179	455125.073	7162584.358		
180	455115.142	7162562.302		
181	455138.246	7162550.971		
182	455151.013	7162531.141		
183	455181.685	7162506.918		
184	455221.609	7162484.457		
185	455249.982	7162474.137		
186	455258.615	7162472.092		
187	455303.893	7162474.026		
188	455325.038	7162473.623		
189	455353.484	7162464.232		
190	455379.069	7162447.954		
191	455393.62	7162432.029		
192	455405.01	7162414.335		
193	455415.991	7162386.406		
194	455441.363	7162342.568		
195	455457.891	7162315.478		
196	455508.481	7162298.231		
197	455491.81	7162274.661		
198	455515.955	7162267.187		
199	455509.695	7162262.618		
200	455456.722	7162269.84		
201	455404.749	7162271.033		
Polígono 03				
UF	Código Município	Empreendimento	Sistema Referência	de Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)



Bota-fora/empréstimo	Desapropriação	0.1265	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	452568.964		7165409.095	
2	452526.845		7165421.956	
3	452542.435		7165382.801	
4	452549.333		7165379.352	
5	452577.311		7165391.233	
6	452585.172		7165390.756	
7	452579.462		7165401.782	
Polígono 04				
UF	Código Município	Empreendimento	Sistema Referência	de Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Bota-fora/empréstimo	Desapropriação	0.2791	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	452562.364		7165463.286	
2	452523.655		7165460.603	
3	452516.756		7165454.087	
4	452518.11		7165446.643	
5	452573.06		7165430.141	
6	452605.248		7165411.464	
7	452608.69		7165417.432	
8	452618.562		7165414.086	
9	452618.52		7165410.812	
10	452623.302		7165420.744	
11	452615.254		7165428.026	
12	452602.223		7165444.123	

13	452588.426	7165466.735		
Polígono 05				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Canteiro de obras	Desapropriação	0.3255	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	452670.539		7165383.663	
2	452631.447		7165405.222	
3	452618.456		7165405.775	
4	452618.381		7165399.889	
5	452625.457		7165382.536	
6	452638.137		7165370.057	
7	452651.45		7165385.34	
8	452706.005		7165343.229	
9	452706.747		7165308.179	
10	452701.88		7165302.506	
11	452711.212		7165295.076	
12	452726.016		7165318.414	
13	452747.862		7165351.47	
14	452698.421		7165371.016	
Polígono 06				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Acesso	Servidão Administrativa	1.1487	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	

1	454416.871	7163300.214
2	454492.704	7163366.792
3	454593.615	7163426.503
4	454649.445	7163485.169
5	454749.76	7163590.111
6	454796.334	7163808.056
7	454782.302	7163812.385
8	454736.325	7163599.814
9	454640.489	7163494.573
10	454584.062	7163434.116
11	454484.643	7163375.898
12	454404.033	7163307.827
13	454321.534	7163185.958
14	454325.068	7163184.171
15	454327.221	7163165.84

Polígono 07

UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Acesso	Servidão Administrativa	0.9625	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	455851.129		7162357.975	
2	455888.747		7162379.471	
3	455893.524		7162397.533	
4	455897.703		7162423.209	
5	455891.732		7162457.841	
6	455870.236		7162497.251	
7	455835.007		7162515.164	

8	455832.021	7162525.763
9	455861.877	7162581.443
10	455853.517	7162591.146
11	455815.899	7162530.241
12	455822.766	7162508.148
13	455861.28	7162486.055
14	455877.7	7162455.304
15	455883.671	7162424.254
16	455875.61	7162387.98
17	455845.158	7162370.663
18	455798.583	7162353.347
19	455754.397	7162346.182
20	455676.773	7162350.362
21	455663.039	7162350.959
22	455644.161	7162320.775
23	455613.479	7162278.858
24	455554.365	7162291.248
25	455507.194	7162300.204
26	455506.413	7162298.936
27	455508.481	7162298.231
28	455503.587	7162291.311
29	455541.229	7162280.35
30	455620.712	7162258.562
31	455624.034	7162260.576
32	455672.9	7162335.887
33	455675.597	7162335.662
34	455677.005	7162337.814
35	455752.904	7162332
36	455803.659	7162339.464



Polígono 08				
UF	Código Município	Empreendimento	Sistema Referência	de Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Bota-fora/empréstimo	Desapropriação	0.5878	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	455693.596		7162334.162	
2	455697.62		7162313.466	
3	455646.455		7162242.18	
4	455624.034		7162191.014	
5	455627.484		7162173.768	
6	455595.99		7162175.324	
7	455592.415		7162200.787	
8	455605.063		7162249.078	
9	455624.034		7162260.576	
10	455672.9		7162335.887	
Polígono 09				
UF	Código Município	Empreendimento	Sistema Referência	de Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Bota-fora/empréstimo	Desapropriação	1.2039	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	455718.891		7162198.488	
2	455762.008		7162259.426	
3	455775.805		7162273.798	
4	455804.55		7162296.794	
-	455829.27		7162257.127	

1	455848.241	7162230.682
7	455816.622	7162196.188
8	455803.975	7162175.492
9	455745.911	7162145.023
10	455714.292	7162126.052
11	455714.292	7162127.776
12	455694.746	7162154.796

Polígono 10

UF	Código Município	Empreendimento	Sistema Referência	de	Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000		UTM 22 S (MER -51)
Barramento	Desapropriação	0.4296	Mariane Gabrielle Pedroso		1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)		
1	455503.688		7162248.853		
2	455507.866		7162249.834		
3	455509.695		7162262.618		
4	455456.722		7162269.84		
5	455404.749		7162271.033		
1	455396.294		7162271.227		
7	455389.08		7162267.155		
8	455390.324		7162238.912		
9	455382.386		7162201.385		
10	455387.445		7162204.37		
11	455427.91		7162231.05		
12	455441.865		7162234.329		

Polígono 11

UF	Código Município	Empreendimento	Sistema Referência	de	Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000		UTM 22 S (MER -51)



Área de Preservação Permanente	Desapropriação	7.8753	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	455693.388		7162153.586	
2	455678.817		7162164.151	
3	455663.169		7162169.914	
4	455643.678		7162173.81	
5	455623.733		7162172.989	
1	455611.305		7162169.501	
7	455604.052		7162173.145	
8	455601.842		7162173.83	
9	455580.451		7162176.209	
10	455577.82		7162176.001	
11	455563.338		7162172.923	
12	455550.137		7162166.22	
13	455539.958		7162157.917	
14	455537.868		7162155.777	
15	455531.596		7162146.011	
16	455522.771		7162145.885	
17	455513.987		7162144.63	
18	455507.629		7162143.207	
19	455492.792		7162139.324	
20	455487.223		7162137.592	
21	455480.579		7162135.028	
22	455470.241		7162129.409	
23	455469.182		7162128.683	
24	455460.247		7162120.93	
25	455455.502		7162117.243	
26	455456.898		7162124.423	



27	455460.778	7162133.783
28	455463.029	7162144.791
29	455465.921	7162145.919
30	455480.221	7162155.655
31	455482.298	7162157.59
32	455494.895	7162174.768
33	455496.712	7162178.912
34	455501.685	7162192.009
35	455505.433	7162203.096
36	455507.507	7162212.6
37	455508.629	7162221.646
38	455506.243	7162242.369
39	455503.688	7162248.853
40	455441.865	7162234.329
41	455441.753	7162229.18
42	455446.5	7162227.953
43	455451.812	7162226.251
44	455451.653	7162223.974
45	455451.105	7162221.282
46	455450.744	7162219.164
47	455450.033	7162216.743
48	455448.232	7162211.803
49	455446.702	7162207.671
50	455445.217	7162203.721
51	455443.5	7162199.348
52	455441.057	7162197.071
53	455436.377	7162195.97
54	455433.495	7162195.261
55	455427.444	7162192.906
56	455425.622	7162191.447



57	455422.317	7162188.815
58	455419.827	7162186.828
59	455416.104	7162183.856
60	455413.021	7162181.278
61	455411.279	7162178.289
62	455407.626	7162171.353
63	455405.177	7162166.568
64	455405.942	7162160.528
65	455406.684	7162153.022
66	455406.485	7162150.868
67	455405.317	7162148.674
68	455404.072	7162146.776
69	455401.959	7162143.365
70	455400.84	7162135.303
71	455400.238	7162130.607
72	455399.75	7162128.996
73	455397.706	7162126.43
74	455395.627	7162124.04
75	455393.864	7162120.118
76	455392.328	7162115.49
77	455391.584	7162111.17
78	455391.558	7162104.327
79	455394.313	7162097.326
80	455398.182	7162088.366
81	455401.21	7162083.568
82	455401.986	7162074.011
83	455402.089	7162070.618
84	455401.139	7162065.813
85	455399.841	7162061.206
86	455398.697	7162059.937
87	455401.154	7162055.693
88	455398.463	7162051.658



89	455395.548	7162047.636
90	455394.183	7162044.831
91	455397.165	7162043.576
92	455412.029	7162040.067
93	455418.785	7162036.648
94	455422.792	7162036.813
95	455424.294	7162036.569
96	455433.15	7162040.195
97	455443.717	7162044.553
98	455455.859	7162049.354
99	455460.189	7162047.769
100	455463.349	7162048.533
101	455472.725	7162051.457
102	455476.283	7162052.715
103	455479.822	7162054.284
104	455483.726	7162059.55
105	455485.824	7162063.146
106	455487.774	7162067.478
107	455489.154	7162071.116
108	455490.554	7162072.569
109	455497.305	7162077.292
110	455499.848	7162079.961
111	455501.85	7162082.141
112	455504.816	7162083.376
113	455507.632	7162084.289
114	455515.469	7162086.403
115	455521.54	7162087.931
116	455527.26	7162089.187
117	455535.404	7162088.659
118	455541.759	7162088.337
119	455545.892	7162089.098
120	455550.522	7162090.357



121	455554.108	7162091.797
122	455560.82	7162095.194
123	455569.96	7162100.295
124	455572.899	7162102.396
125	455574.668	7162105.637
126	455578.646	7162115.951
127	455581.755	7162119.134
128	455584.959	7162119.388
129	455587.169	7162118.702
130	455592.335	7162114.932
131	455595.841	7162111.734
132	455598.752	7162109.151
133	455601.672	7162106.717
134	455605.043	7162104.395
135	455606.71	7162103.794
136	455617.049	7162108.797
137	455621.193	7162110.859
138	455628.412	7162111.574
139	455629.863	7162112.594
140	455630.111	7162115.691
141	455632.574	7162116.571
142	455636.256	7162117.381
143	455645.354	7162115.418
144	455653.295	7162113.743
145	455651.586	7162110.488
146	455649.919	7162107.111
147	455649.348	7162105.155
148	455653.765	7162099.402
149	455656.036	7162095.834
150	455654.854	7162093.666
151	455653.127	7162091.08
152	455661.058	7162079.347



153	455678.63	7162055.664
154	455681.519	7162053.967
155	455680.795	7162045.882
156	455680.197	7162038.144
157	455679.345	7162035.37
158	455677.816	7162032.787
159	455670.68	7162030.781
160	455666.576	7162029.876
161	455662.843	7162028.878
162	455659.835	7162029.231
163	455652.804	7162025.966
164	455650.082	7162024.886
165	455643.475	7162024.806
166	455636.163	7162015.846
167	455635.037	7162014.685
168	455630.215	7162005.809
169	455627.906	7162003.938
170	455617.21	7162001.88
171	455612.212	7162000.902
172	455610.858	7162000.481
173	455610.898	7161997.901
174	455604.004	7161991.775
175	455596.686	7161985.272
176	455589.823	7161979.005
177	455580.798	7161975.074
178	455576.323	7161973.178
179	455570.209	7161970.281
180	455568.195	7161970.001
181	455563.868	7161966.434
182	455555.332	7161958.889
183	455546.833	7161953.29
184	455537.393	7161947.27



185	455531.988	7161944.008
186	455526.639	7161937.218
187	455524.364	7161937.84
188	455512.215	7161936.688
189	455502.66	7161934.493
190	455495.917	7161933.164
191	455484.152	7161932.06
192	455461.131	7161930.309
193	455458.764	7161929.709
194	455454.301	7161925.43
195	455449.282	7161919.524
196	455451.665	7161915.406
197	455456.166	7161908.913
198	455456.795	7161906.088
199	455470.043	7161899.028
200	455474.826	7161894.123
201	455484.646	7161888.05
202	455488.221	7161885.992
203	455489.28	7161885.541
204	455491.797	7161883.106
205	455496.381	7161882.665
206	455508.304	7161878.834
207	455514.406	7161878.508
208	455519.556	7161878.872
209	455533.906	7161868.489
210	455541.296	7161862.981
211	455546.014	7161859.754
212	455572.158	7161854.983
213	455579.697	7161853.78
214	455585.037	7161854.763
215	455587.121	7161852.858
216	455619.556	7161842.029



217	455642.712	7161836.223
218	455649.096	7161834.434
219	455650.606	7161831.872
220	455665.39	7161827.13
221	455698.145	7161817.24
222	455705.261	7161815.226
223	455708.268	7161813.704
224	455718.973	7161804.255
225	455730.919	7161794.39
226	455734.409	7161792.182
227	455738.717	7161791.848
228	455750.947	7161792.524
229	455762.378	7161793.583
230	455767.597	7161793.692
231	455772.125	7161793.432
232	455788.148	7161790.451
233	455810.805	7161786.286
234	455816.242	7161790.262
235	455824.616	7161791.219
236	455832.923	7161791.634
237	455835.673	7161789.885
238	455863.822	7161784.794
239	455869.696	7161783.066
240	455872.293	7161783.967
241	455881.799	7161785.909
242	455890.412	7161787.639
243	455901.79	7161789.908
244	455910.655	7161791.593
245	455920.3	7161793.52
246	455924.349	7161796.198
247	455931.4	7161800.421
248	455939.978	7161803.376



249	455947.745	7161805.892
250	455955.257	7161808.295
251	455962.584	7161810.649
252	455962.48	7161811.722
253	455962.63	7161811.982
254	455961.624	7161817.558
255	455961.213	7161819.828
256	455960.283	7161824.977
257	455959.325	7161830.317
258	455957.665	7161840.112
259	455958.777	7161841.121
260	455962.234	7161842.861
261	455969.839	7161846.441
262	455977.09	7161847.955
263	455978.588	7161848.372
264	455982.452	7161852.404
265	455983.676	7161851.755
266	455996.176	7161856.966
267	456027.395	7161881.89
268	456037.233	7161893.564
269	456038.419	7161895.022
270	456030.38	7161896.85
271	456020.67	7161898.998
272	456014.212	7161900.471
273	456009.52	7161902.569
274	455992.009	7161908.458
275	455973.535	7161908.437
276	455957.166	7161903.265
277	455953.613	7161900.816
278	455950.462	7161899.892
279	455947.676	7161898.829
280	455937.956	7161894.432



281	455933.148	7161892.034
282	455920.487	7161883.345
283	455908.512	7161868.821
284	455901.589	7161850.098
285	455901.583	7161848.969
286	455898.854	7161847.37
287	455879.181	7161843.522
288	455870.393	7161841.756
289	455851.647	7161844.921
290	455847.478	7161846.744
291	455830.076	7161848.563
292	455821.769	7161848.148
293	455818.143	7161847.85
294	455810.066	7161846.927
295	455805.14	7161845.283
296	455798.514	7161846.501
297	455782.549	7161849.47
298	455775.402	7161850.337
299	455766.399	7161850.68
300	455761.18	7161850.57
301	455753.298	7161849.986
302	455744.844	7161855.801
303	455719.995	7161867.808
304	455682.334	7161881.556
305	455675.772	7161883.66
306	455664.472	7161889.321
307	455635.536	7161896.787
308	455612.187	7161904.583
309	455610.611	7161905.665
310	455595.708	7161910.687



311	455586.69	7161911.29
312	455593.081	7161916.18
313	455597.624	7161920.196
314	455612.344	7161926.642
315	455625.293	7161934.472
316	455629.065	7161937.649
317	455634.838	7161942.922
318	455641.564	7161948.898
319	455651.954	7161952.259
320	455663.79	7161959.65
321	455675.679	7161971.575
322	455677.172	7161973.783
323	455686.11	7161975.909
324	455693.246	7161977.916
325	455712.55	7161987.593
326	455726.869	7162003.756
327	455733.829	7162018.622
328	455737.028	7162033.753
329	455738.292	7162048.882
330	455737.462	7162064.896
331	455732.203	7162080.046
332	455722.933	7162093.131
333	455720.181	7162095.321
334	455711.136	7162107.512
335	455710.302	7162112.437
336	455709.362	7162114.833
337	455709.417	7162121.858
338	455703.939	7162139.003
Polígono 12		



UF	Código Município	Empreendimento	Sistema Referência	de Fuso
PR	4109401	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Reservatório	Desapropriação	6.7855	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	455636.163		7162015.846	
2	455643.475		7162024.806	
3	455650.082		7162024.886	
4	455652.804		7162025.966	
5	455659.835		7162029.231	
1	455662.843		7162028.878	
7	455666.576		7162029.876	
8	455670.68		7162030.781	
9	455677.816		7162032.787	
10	455679.345		7162035.37	
11	455680.197		7162038.144	
12	455680.795		7162045.882	
13	455681.519		7162053.967	
14	455678.63		7162055.664	
15	455661.058		7162079.347	
16	455653.127		7162091.08	
17	455654.854		7162093.666	
18	455656.036		7162095.834	
19	455653.765		7162099.402	
20	455649.348		7162105.155	
21	455649.919		7162107.111	
22	455651.586		7162110.488	
23	455653.295		7162113.743	
24	455645.354		7162115.418	
25	455636.256		7162117.381	
26	455632.574		7162116.571	



27	455630.111	7162115.691
28	455629.863	7162112.594
29	455628.412	7162111.574
30	455621.193	7162110.859
31	455617.049	7162108.797
32	455606.71	7162103.794
33	455605.043	7162104.395
34	455601.672	7162106.717
35	455598.752	7162109.151
36	455595.841	7162111.734
37	455592.335	7162114.932
38	455587.169	7162118.702
39	455584.959	7162119.388
40	455581.755	7162119.134
41	455578.646	7162115.951
42	455574.668	7162105.637
43	455572.899	7162102.396
44	455569.96	7162100.295
45	455560.82	7162095.194
46	455554.108	7162091.797
47	455550.522	7162090.357
48	455545.892	7162089.098
49	455541.759	7162088.337
50	455535.404	7162088.659
51	455527.26	7162089.187
52	455521.54	7162087.931
53	455515.469	7162086.403
54	455507.632	7162084.289
55	455504.816	7162083.376
56	455501.85	7162082.141
57	455499.848	7162079.961
58	455497.305	7162077.292



59	455490.554	7162072.569
60	455489.154	7162071.116
61	455487.774	7162067.478
62	455485.824	7162063.146
63	455483.726	7162059.55
64	455479.822	7162054.284
65	455476.283	7162052.715
66	455472.725	7162051.457
67	455463.349	7162048.533
68	455460.189	7162047.769
69	455455.859	7162049.354
70	455443.717	7162044.553
71	455433.15	7162040.195
72	455424.294	7162036.569
73	455422.792	7162036.813
74	455418.785	7162036.648
75	455412.029	7162040.067
76	455397.165	7162043.576
77	455394.183	7162044.831
78	455395.548	7162047.636
79	455398.463	7162051.658
80	455401.154	7162055.693
81	455398.697	7162059.937
82	455399.841	7162061.206
83	455401.139	7162065.813
84	455402.089	7162070.618
85	455401.986	7162074.011
86	455401.21	7162083.568
87	455398.182	7162088.366
88	455394.313	7162097.326
89	455391.558	7162104.327
90	455391.584	7162111.17



91	455392.328	7162115.49
92	455393.864	7162120.118
93	455395.627	7162124.04
94	455397.706	7162126.43
95	455399.75	7162128.996
96	455400.238	7162130.607
97	455400.84	7162135.303
98	455401.959	7162143.365
99	455404.072	7162146.776
100	455405.317	7162148.674
101	455406.485	7162150.868
102	455406.684	7162153.022
103	455405.942	7162160.528
104	455405.177	7162166.568
105	455407.626	7162171.353
106	455411.279	7162178.289
107	455413.021	7162181.278
108	455416.104	7162183.856
109	455419.827	7162186.828
110	455422.317	7162188.815
111	455425.622	7162191.447
112	455427.444	7162192.906
113	455433.495	7162195.261
114	455436.377	7162195.97
115	455441.057	7162197.071
116	455443.5	7162199.348
117	455445.217	7162203.721
118	455446.702	7162207.671
119	455448.232	7162211.803
120	455450.033	7162216.743
121	455450.744	7162219.164
122	455451.105	7162221.282



123	455451.653	7162223.974
124	455451.812	7162226.251
125	455446.5	7162227.953
126	455441.753	7162229.18
127	455441.865	7162234.329
128	455427.91	7162231.05
129	455387.445	7162204.37
130	455382.386	7162201.385
131	455382.313	7162201.037
132	455381.083	7162190.782
133	455355.795	7162149.185
134	455327.531	7162119.904
135	455311.33	7162099.813
136	455305.471	7162077.766
137	455309.262	7162050.207
138	455333.39	7161997.157
139	455382.053	7161939.642
140	455395.658	7161928.684
141	455414.368	7161905.703
142	455418.161	7161901.647
143	455448.09	7161887.257
144	455475.336	7161866.219
145	455497.285	7161853.863
146	455512.199	7161844.907
147	455520.135	7161839.46
148	455529.283	7161832.937
149	455570.495	7161821.856
150	455596.074	7161818.681
151	455604.073	7161818.769
152	455614.878	7161815.37
153	455643.556	7161805.777
154	455669.202	7161799.475



155	455691.541	7161790.439
156	455720.366	7161781.156
157	455752.99	7161771.195
158	455780.507	7161767.512
159	455811.361	7161762.474
160	455835.981	7161760.321
161	455866.71	7161755.024
162	455896.644	7161747.444
163	455930.296	7161752.278
164	455950.084	7161766.166
165	455965.586	7161816.512
166	455983.38	7161845.649
167	455993.752	7161855.956
168	455983.676	7161851.755
169	455982.452	7161852.404
170	455978.588	7161848.372
171	455977.09	7161847.955
172	455969.839	7161846.441
173	455962.234	7161842.861
174	455958.777	7161841.121
175	455957.665	7161840.112
176	455959.325	7161830.317
177	455960.283	7161824.977
178	455961.213	7161819.828
179	455961.624	7161817.558
180	455962.855	7161810.736
181	455955.257	7161808.295
182	455947.745	7161805.892
183	455939.978	7161803.376
184	455931.4	7161800.421
185	455924.349	7161796.198
186	455920.3	7161793.52



187	455910.655	7161791.593
188	455901.79	7161789.908
189	455890.412	7161787.639
190	455881.799	7161785.909
191	455872.293	7161783.967
192	455869.696	7161783.066
193	455863.822	7161784.794
194	455835.673	7161789.885
195	455832.923	7161791.634
196	455824.616	7161791.219
197	455816.242	7161790.262
198	455810.805	7161786.286
199	455788.148	7161790.451
200	455772.125	7161793.432
201	455767.597	7161793.692
202	455762.378	7161793.583
203	455750.947	7161792.524
204	455738.717	7161791.848
205	455734.409	7161792.182
206	455730.919	7161794.39
207	455718.973	7161804.255
208	455708.268	7161813.704
209	455705.261	7161815.226
210	455698.145	7161817.24
211	455665.39	7161827.13
212	455650.606	7161831.872
213	455649.096	7161834.434
214	455642.712	7161836.223
215	455619.556	7161842.029
216	455587.121	7161852.858
217	455585.037	7161854.763
218	455579.697	7161853.78



219	455572.158	7161854.983
220	455546.014	7161859.754
221	455541.296	7161862.981
222	455533.906	7161868.489
223	455519.556	7161878.872
224	455514.406	7161878.508
225	455508.304	7161878.834
226	455496.381	7161882.665
227	455491.797	7161883.106
228	455489.28	7161885.541
229	455488.221	7161885.992
230	455484.646	7161888.05
231	455474.826	7161894.123
232	455470.043	7161899.028
233	455456.795	7161906.088
234	455456.166	7161908.913
235	455451.665	7161915.406
236	455449.282	7161919.524
237	455454.301	7161925.43
238	455458.764	7161929.709
239	455461.131	7161930.309
240	455484.152	7161932.06
241	455495.917	7161933.164
242	455502.66	7161934.493
243	455512.215	7161936.688
244	455524.364	7161937.84
245	455526.639	7161937.218
246	455531.988	7161944.008
247	455537.393	7161947.27
248	455546.833	7161953.29
249	455555.332	7161958.889
250	455563.868	7161966.434



251	455568.195	7161970.001
252	455570.209	7161970.281
253	455576.323	7161973.178
254	455580.798	7161975.074
255	455589.823	7161979.005
256	455596.686	7161985.272
257	455604.004	7161991.775
258	455610.898	7161997.901
259	455610.858	7162000.481
260	455612.212	7162000.902
261	455617.21	7162001.88
262	455627.906	7162003.938
263	455630.215	7162005.809
264	455635.037	7162014.685

Polígono 13

UF	Código Município	Empreendimento	Sistema Referência	de	Fuso
PR	4119301	PCH São Jerônimo	SIRGAS2000		UTM 22 S (MER -51)
Reservatório	Desapropriação	8.6482	Mariane Gabrielle Pedroso		1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)		
1	455668.815		7161723.337		
2	455672.735		7161724.663		
3	455683.576		7161727.69		
4	455700.531		7161732.02		
5	455706.299		7161733.215		
1	455709.449		7161731.675		
7	455714.074		7161728.379		
8	455715.988		7161727.443		
9	455723.529		7161727.34		



10	455727.058	7161727.349
11	455732.407	7161725.338
12	455732.865	7161721.332
13	455734.466	7161718.035
14	455750.183	7161713.948
15	455767.87	7161711.297
16	455776.06	7161707.508
17	455782.852	7161703.968
18	455788.138	7161703.288
19	455791.647	7161703.224
20	455799.316	7161704.085
21	455801.815	7161704.031
22	455807.833	7161704.507
23	455821.126	7161707.844
24	455840.413	7161712.108
25	455847.122	7161714.004
26	455864.688	7161712.866
27	455868.515	7161712.708
28	455874.603	7161712.956
29	455889.638	7161710.266
30	455896.425	7161705.81
31	455907.695	7161699.866
32	455928.125	7161690.122
33	455938.784	7161686.391
34	455949.61	7161682.618
35	455955.141	7161681.899
36	455962.751	7161678.463
37	455966.621	7161676.171
38	455976.868	7161666.856
39	455981.111	7161660.119



40	455984.063	7161655.82
41	455985.576	7161653.99
42	455989.893	7161650.922
43	455999.77	7161645.054
44	456010.979	7161638.629
45	456013.878	7161636.096
46	456016.298	7161634.355
47	456018.164	7161633.235
48	456020.216	7161632.341
49	456024.637	7161632.016
50	456028.509	7161631.451
51	456029.865	7161630.21
52	456033.568	7161625.544
53	456037.33	7161620.086
54	456041.194	7161616.431
55	456048.961	7161606.89
56	456051.315	7161604.068
57	456053.672	7161601.498
58	456058.923	7161599.774
59	456062.153	7161596.095
60	456062.952	7161595.326
61	456066.77	7161594.373
62	456066.056	7161591.7
63	456065.621	7161589.507
64	456066.922	7161584.443
65	456069.462	7161576.22
66	456072.422	7161567.75
67	456071.417	7161560.029
68	456071.703	7161550.051
69	456073.406	7161540.409
70	456075.337	7161530.788
71	456076.324	7161529.948



72	456083.374	7161519.963
73	456087.671	7161514.136
74	456091.19	7161509.977
75	456099.123	7161509.022
76	456108.799	7161508.678
77	456116.631	7161508.472
78	456120.456	7161507.39
79	456122.455	7161506.88
80	456124.112	7161506.733
81	456126.062	7161510.475
82	456129.723	7161517.005
83	456131.825	7161521.145
84	456133.909	7161525.142
85	456133.452	7161527.018
86	456136.681	7161534.427
87	456137.878	7161537.677
88	456137.157	7161541.167
89	456135.508	7161546.383
90	456135.718	7161548.729
91	456134.313	7161551.256
92	456132.661	7161553.779
93	456130.579	7161556.356
94	456127.93	7161559.122
95	456125.898	7161560.722
96	456119.966	7161564.624
97	456118.475	7161565.791
98	456114.708	7161568.916
99	456111.626	7161571.135
100	456109.753	7161572.312
101	456104.926	7161574.411
102	456105.181	7161576.506
103	456105.883	7161579.213



104	456107.531	7161584.583
105	456106.967	7161586.178
106	456107.81	7161587.402
107	456106.144	7161595.247
108	456105.503	7161599.036
109	456106.156	7161605.11
110	456106.191	7161606.831
111	456103.382	7161609.948
112	456102.742	7161612.811
113	456101.926	7161617.087
114	456101.231	7161620.62
115	456100.247	7161621.784
116	456099.19	7161623.718
117	456094.198	7161633.392
118	456092.259	7161639.164
119	456091.22	7161641.607
120	456087.227	7161644.675
121	456083.878	7161648.632
122	456081.326	7161651.567
123	456079.595	7161653.22
124	456075.204	7161655.309
125	456072.877	7161656.289
126	456072.32	7161656.228
127	456066.243	7161658.247
128	456062.263	7161659.737
129	456060.066	7161660.403
130	456054.872	7161659.736
131	456053.394	7161661.301
132	456050.473	7161665.479
133	456047.368	7161667.696
134	456044.992	7161669.132
135	456040.456	7161669.993



136	456035.019	7161669.326
137	456033.188	7161669.937
138	456028.125	7161672.449
139	456020.508	7161678.359
140	456017.667	7161678.834
141	456016.353	7161681.649
142	456013.737	7161685.192
143	456010.074	7161689.865
144	456009.298	7161690.465
145	456007.592	7161692.444
146	456003.318	7161696.151
147	456002.548	7161697.045
148	455995.825	7161702.092
149	455990.398	7161705.947
150	455986.503	7161707.362
151	455985.805	7161709.685
152	455984.121	7161710.416
153	455977.578	7161714.031
154	455974.999	7161717.483
155	455972.215	7161721.421
156	455967.433	7161725.291
157	455967.352	7161729.112
158	455964.617	7161737.49
159	455965.804	7161739.226
160	455967.648	7161740.866
161	455970.15	7161742.38
162	455971.276	7161743.166
163	455973.774	7161747.436
164	455976.482	7161751.581
165	455979.559	7161755.961
166	455985.405	7161759.501
167	455985.765	7161760.536



168	455991.367	7161762.931
169	455993.889	7161762.026
170	455997.242	7161764.77
171	455999.984	7161767.482
172	456003.109	7161771.163
173	456006.719	7161775.902
174	456012.118	7161778.312
175	456016.516	7161782.768
176	456020.519	7161786.006
177	456026.574	7161790.483
178	456031.087	7161791.321
179	456032.858	7161791.943
180	456033.84	7161792.554
181	456038.945	7161794.071
182	456044.144	7161796.293
183	456046.175	7161796.224
184	456053.041	7161798.864
185	456054.889	7161799.258
186	456056.228	7161799.556
187	456057.328	7161799.946
188	456059.032	7161803.046
189	456060.881	7161806.693
190	456063.528	7161809.938
191	456064.134	7161811.001
192	456060.395	7161814.274
193	456055.308	7161805.036
194	456040.979	7161800.818
195	456021.529	7161794.794
196	456008.013	7161781.463
197	455979.695	7161770.709
198	455964.084	7161756.248
199	455944.122	7161730.991



200	455930.955	7161721.44
201	455919.913	7161717.62
202	455905.897	7161718.045
203	455894.217	7161721.228
204	455880.838	7161728.869
205	455849.197	7161739.693
206	455811.397	7161743.726
207	455779.873	7161745.263
208	455754.814	7161748.871
209	455727.632	7161756.511
210	455694.504	7161769.67
211	455644.174	7161787.074
212	455584.077	7161804.478
213	455536.198	7161812.66
214	455515.387	7161820.725
215	455485.232	7161833.459
216	455467.394	7161845.769
217	455445.733	7161858.716
218	455413.395	7161879.377
219	455397.255	7161894.022
220	455373.258	7161916.944
221	455349.459	7161943.754
222	455327.585	7161975.166
223	455308.87	7162002.822
224	455294.951	7162042.253
225	455285.455	7162064.285
226	455281.724	7162078.86
227	455281.724	7162088.351
228	455287.829	7162099.537
229	455303.429	7162119.196
230	455327.055	7162145.654
231	455344.017	7162174.896



232	455346.664	7162182.619
233	455287.616	7162163.585
234	455264.976	7162143.778
235	455255.351	7162121.994
236	455250.363	7162107.512
237	455248.317	7162094.584
238	455246.12	7162080.704
239	455239.243	7162064.779
240	455240.358	7162063.532
241	455243.216	7162060.383
242	455252.436	7162046.983
243	455257.927	7162039.011
244	455261.197	7162034.072
245	455268.387	7162022.363
246	455269.254	7162020.398
247	455275.046	7162015.118
248	455276.711	7162012.06
249	455278.531	7162008.072
250	455278.23	7162007.177
251	455279.13	7162004.565
252	455279.809	7162004.03
253	455288.112	7161989.143
254	455289.124	7161988.98
255	455291.879	7161985.29
256	455296.779	7161980.377
257	455295.076	7161979.661
258	455296.195	7161977.372
259	455297.479	7161975.271
260	455306.929	7161963.054
261	455313.113	7161955.696
262	455320.202	7161947.326
263	455321.526	7161945.362



264	455333.046	7161930.171
265	455334.003	7161927.369
266	455338.87	7161922.652
267	455346.117	7161915.771
268	455348.022	7161911.28
269	455354.077	7161905.035
270	455357.02	7161901.756
271	455358.886	7161896.525
272	455360.775	7161890.19
273	455362.195	7161880.926
274	455362.894	7161877.596
275	455362.264	7161869.064
276	455361.499	7161860.12
277	455360.567	7161853.362
278	455357.447	7161845.075
279	455355.813	7161837.788
280	455352.196	7161828.832
281	455350.955	7161824.227
282	455350.029	7161822.149
283	455348.021	7161817.887
284	455345.16	7161810.543
285	455341.599	7161800.57
286	455340.756	7161797.343
287	455339.873	7161793.228
288	455338.855	7161790.996
289	455342.177	7161777.095
290	455345.705	7161762.627
291	455348.325	7161751.92
292	455351.739	7161737.959
293	455340.932	7161735.258
294	455335.858	7161733.416
295	455332.592	7161730.031



296	455329.143	7161725.336
297	455327.352	7161722.082
298	455326.179	7161715.101
299	455322.887	7161710.828
300	455318.286	7161705.21
301	455318.445	7161703.215
302	455319.472	7161698.936
303	455321.917	7161698.153
304	455323.948	7161697.788
305	455325.432	7161697.909
306	455330.151	7161700.114
307	455332.417	7161696.4
308	455342.168	7161681.686
309	455344.691	7161680.662
310	455353.671	7161678.582
311	455358.313	7161675.151
312	455360.423	7161673.714
313	455376.323	7161681.348
314	455380.749	7161682.956
315	455383.127	7161683.274
316	455386.669	7161687.188
317	455391.067	7161690.131
318	455399.791	7161679.072
319	455402.291	7161675.675
320	455404.936	7161673.807
321	455407.635	7161672.565
322	455410.437	7161671.863
323	455418.826	7161674.734
324	455425.448	7161671.226
325	455428.892	7161669.917
326	455449.546	7161670.884
327	455457.914	7161669.832



328	455465.198	7161668.495
329	455472.43	7161665.914
330	455480.51	7161662.115
331	455481.124	7161655.334
332	455484.095	7161653.988
333	455490.636	7161648.304
334	455492.777	7161647.696
335	455505.369	7161640.297
336	455529.385	7161645.753
337	455536.576	7161647.615
338	455539.273	7161650.182
339	455544.601	7161656.478
340	455547.868	7161659.805
341	455550.789	7161661.251
342	455555.29	7161662.877
343	455559.303	7161663.917
344	455566.882	7161662.795
345	455570.286	7161664.944
346	455580.364	7161670.25
347	455595.93	7161674.432
348	455599.664	7161674.151
349	455607.73	7161671.933
350	455610.228	7161671.34
351	455612.866	7161672.294
352	455615.181	7161672.765
353	455617.909	7161673.307
354	455627.303	7161675.477
355	455636.458	7161676.92
356	455638.26	7161676.007



357	455640.243	7161672.091
358	455644.03	7161661.777
359	455645.113	7161660.936
360	455646.395	7161663.239
361	455647.044	7161665.786
362	455648.771	7161673.826
363	455650.543	7161682.674
364	455652.314	7161697.661
365	455653.209	7161703.046
366	455656.124	7161710.09
367	455658.443	7161715.036
368	455660.476	7161718.711
369	455664.064	7161720.638

Polígono 14

UF	Código Município	Empreendimento	Sistema Referência	de Fuso
PR	4119301	PCH São Jerônimo	SIRGAS2000	UTM 22 S (MER -51)
Reservatório	Desapropriação	3.1823	Mariane Gabrielle Pedroso	1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)	
1	455297.479		7161975.271	
2	455296.195		7161977.372	
3	455295.076		7161979.661	
4	455296.779		7161980.377	
5	455291.879		7161985.29	
1	455289.124		7161988.98	
7	455288.112		7161989.143	
8	455279.809		7162004.03	
9	455279.13		7162004.565	
10	455278.23		7162007.177	



11	455278.531	7162008.072
12	455276.711	7162012.06
13	455275.046	7162015.118
14	455269.254	7162020.398
15	455268.387	7162022.363
16	455261.197	7162034.072
17	455257.927	7162039.011
18	455252.436	7162046.983
19	455243.216	7162060.383
20	455240.358	7162063.532
21	455239.243	7162064.779
22	455237.772	7162061.374
23	455222.892	7162035.234
24	455215.611	7162027.347
25	455207.388	7162031.607
26	455217.153	7162085.38
27	455228.07	7162106.683
28	455240.49	7162139.216
29	455262.818	7162172.905
30	455284.584	7162192.088
31	455263.36	7162227.877
32	455255.13	7162221.684
33	455245.586	7162206.62
34	455197.637	7162134.817
35	455195.923	7162132.81
36	455184.805	7162112.601
37	455182.823	7162106.083
38	455180.371	7162097.152
39	455178.278	7162089.122
40	455177.616	7162086.313
41	455177.498	7162060.657
42	455181.152	7162049.027



43	455181.543	7162048.125
44	455191.338	7162032.838
45	455198.148	7162025.226
46	455205.493	7162014.651
47	455213.132	7162003.417
48	455220.353	7161992.869
49	455225.187	7161986.151
50	455230.192	7161976.361
51	455238.329	7161961.381
52	455244.391	7161953.555
53	455248.848	7161945.539
54	455252.393	7161940.397
55	455261.843	7161928.179
56	455269.619	7161918.854
57	455274.853	7161912.675
58	455284.285	7161900.138
59	455285.861	7161896.85
60	455294.333	7161886.438
61	455299.2	7161881.721
62	455302.418	7161878.662
63	455305.443	7161873.591
64	455304.904	7161867.289
65	455304.103	7161865.161
66	455301.828	7161857.547
67	455299.343	7161850.176
68	455297.169	7161843.693
69	455294.908	7161838.575
70	455292.047	7161831.231
71	455287.919	7161819.738
72	455286.451	7161814.98
73	455285.024	7161809.3
74	455284.142	7161805.185



75	455281.996	7161792.395
76	455283.532	7161777.262
77	455286.733	7161763.869
78	455283.208	7161759.084
79	455279.207	7161752.822
80	455277.416	7161749.568
81	455274.816	7161742.093
82	455274.188	7161741.326
83	455263.888	7161722.235
84	455261.466	7161700.678
85	455261.625	7161698.684
86	455263.019	7161689.914
87	455263.812	7161687.624
88	455264.733	7161681.643
89	455272.862	7161665.615
90	455285.576	7161652.914
91	455295.919	7161648.583
92	455299.211	7161650.417
93	455308.128	7161658.577
94	455332.417	7161696.4
95	455330.151	7161700.114
96	455325.432	7161697.909
97	455323.948	7161697.788
98	455321.917	7161698.153
99	455319.472	7161698.936
100	455318.445	7161703.215
101	455318.286	7161705.21
102	455322.887	7161710.828
103	455326.179	7161715.101
104	455327.352	7161722.082
105	455329.143	7161725.336
106	455332.592	7161730.031



107	455335.858	7161733.416
108	455340.932	7161735.258
109	455351.739	7161737.959
110	455348.325	7161751.92
111	455345.705	7161762.627
112	455342.177	7161777.095
113	455338.855	7161790.996
114	455339.873	7161793.228
115	455340.756	7161797.343
116	455341.599	7161800.57
117	455345.16	7161810.543
118	455348.021	7161817.887
119	455350.029	7161822.149
120	455350.955	7161824.227
121	455352.196	7161828.832
122	455355.813	7161837.788
123	455357.447	7161845.075
124	455360.567	7161853.362
125	455361.499	7161860.12
126	455362.264	7161869.064
127	455362.894	7161877.596
128	455362.195	7161880.926
129	455360.775	7161890.19
130	455358.886	7161896.525
131	455357.02	7161901.756
132	455354.077	7161905.035
133	455348.022	7161911.28
134	455346.117	7161915.771
135	455338.87	7161922.652



136	455334.003	7161927.369
137	455333.046	7161930.171
138	455321.526	7161945.362
139	455320.202	7161947.326
140	455313.113	7161955.696
141	455306.929	7161963.054

Polígono 15

UF	Código Município	Empreendimento	Sistema Referência	de	Fuso
PR	4119301	PCH São Jerônimo	SIRGAS2000		UTM 22 S (MER -51)
Área de Preservação Permanente	Desapropriação	8.634	Mariane Gabrielle Pedroso		1720210672297
Vértice	Coordenada E (m)		Coordenada N (m)		
1	456107.546		7161772.976		
2	456109.428		7161776.431		
3	456113.475		7161782.461		
4	456119.72		7161798.857		
5	456120.682		7161816.375		
6	456120.416		7161829.831		
7	456117.91		7161840.482		
8	456111.811		7161854.591		
9	456105.403		7161863.894		
10	456092.653		7161875.337		
11	456082.398		7161880.828		
12	456073.348		7161884.761		
13	456062.878		7161857.827		
14	456063.401		7161823.733		
15	456064.287		7161821.123		
16	456064.032		7161819.655		
17	456062.676		7161816.651		



18	456061.15	7161813.613
19	456064.134	7161811.001
20	456063.528	7161809.938
21	456060.881	7161806.693
22	456059.032	7161803.046
23	456057.328	7161799.946
24	456056.228	7161799.556
25	456054.889	7161799.258
26	456053.041	7161798.864
27	456046.175	7161796.224
28	456044.144	7161796.293
29	456038.945	7161794.071
30	456033.84	7161792.554
31	456032.858	7161791.943
32	456031.087	7161791.321
33	456026.574	7161790.483
34	456020.519	7161786.006
35	456016.516	7161782.768
36	456012.118	7161778.312
37	456006.719	7161775.902
38	456003.109	7161771.163
39	455999.984	7161767.482
40	455997.242	7161764.77
41	455993.889	7161762.026
42	455991.367	7161762.931
43	455985.765	7161760.536
44	455985.405	7161759.501
45	455979.559	7161755.961
46	455976.482	7161751.581
47	455973.774	7161747.436
48	455971.276	7161743.166
49	455970.15	7161742.38



50	455967.648	7161740.866
51	455965.804	7161739.226
52	455964.785	7161737.737
53	455965.055	7161736.148
54	455967.352	7161729.112
55	455967.433	7161725.291
56	455972.215	7161721.421
57	455974.999	7161717.483
58	455977.578	7161714.031
59	455984.121	7161710.416
60	455985.805	7161709.685
61	455986.503	7161707.362
62	455990.398	7161705.947
63	455995.825	7161702.092
64	456002.548	7161697.045
65	456003.318	7161696.151
66	456007.592	7161692.444
67	456009.298	7161690.465
68	456010.074	7161689.865
69	456013.737	7161685.192
70	456016.353	7161681.649
71	456017.667	7161678.834
72	456020.508	7161678.359
73	456028.125	7161672.449
74	456033.188	7161669.937
75	456035.019	7161669.326
76	456040.456	7161669.993
77	456044.992	7161669.132
78	456047.368	7161667.696
79	456050.473	7161665.479
80	456053.394	7161661.301
81	456054.872	7161659.736



82	456060.066	7161660.403
83	456062.263	7161659.737
84	456066.243	7161658.247
85	456072.32	7161656.228
86	456072.877	7161656.289
87	456075.204	7161655.309
88	456079.595	7161653.22
89	456081.326	7161651.567
90	456083.878	7161648.632
91	456087.227	7161644.675
92	456091.22	7161641.607
93	456092.259	7161639.164
94	456094.198	7161633.392
95	456099.19	7161623.718
96	456100.247	7161621.784
97	456101.231	7161620.62
98	456101.926	7161617.087
99	456102.742	7161612.811
100	456103.382	7161609.948
101	456106.191	7161606.831
102	456106.156	7161605.11
103	456105.503	7161599.036
104	456106.144	7161595.247
105	456107.81	7161587.402
106	456106.967	7161586.178
107	456107.531	7161584.583
108	456105.883	7161579.213
109	456105.181	7161576.506
110	456104.926	7161574.411
111	456109.753	7161572.312
112	456111.626	7161571.135
113	456114.708	7161568.916



114	456118.475	7161565.791
115	456119.966	7161564.624
116	456125.898	7161560.722
117	456127.93	7161559.122
118	456130.579	7161556.356
119	456132.661	7161553.779
120	456134.313	7161551.256
121	456135.718	7161548.729
122	456135.508	7161546.383
123	456137.157	7161541.167
124	456137.878	7161537.677
125	456136.681	7161534.427
126	456133.452	7161527.018
127	456133.909	7161525.142
128	456131.825	7161521.145
129	456129.723	7161517.005
130	456126.062	7161510.475
131	456124.112	7161506.733
132	456122.455	7161506.88
133	456120.456	7161507.39
134	456116.631	7161508.472
135	456108.799	7161508.678
136	456099.123	7161509.022
137	456091.19	7161509.977
138	456087.671	7161514.136
139	456083.374	7161519.963
140	456076.324	7161529.948
141	456075.337	7161530.788
142	456073.406	7161540.409
143	456071.703	7161550.051
144	456071.417	7161560.029
145	456072.422	7161567.75



146	456069.462	7161576.22
147	456066.922	7161584.443
148	456065.621	7161589.507
149	456066.056	7161591.7
150	456066.77	7161594.373
151	456062.952	7161595.326
152	456062.153	7161596.095
153	456058.923	7161599.774
154	456053.672	7161601.498
155	456051.315	7161604.068
156	456048.961	7161606.89
157	456041.194	7161616.431
158	456037.33	7161620.086
159	456033.568	7161625.544
160	456029.865	7161630.21
161	456028.509	7161631.451
162	456024.637	7161632.016
163	456020.216	7161632.341
164	456018.164	7161633.235
165	456016.298	7161634.355
166	456013.878	7161636.096
167	456010.979	7161638.629
168	455999.77	7161645.054
169	455989.893	7161650.922
170	455985.576	7161653.99
171	455984.063	7161655.82
172	455981.111	7161660.119
173	455976.868	7161666.856
174	455966.621	7161676.171
175	455962.751	7161678.463
176	455955.141	7161681.899
177	455949.61	7161682.618



178	455938.784	7161686.391
179	455928.125	7161690.122
180	455907.695	7161699.866
181	455896.425	7161705.81
182	455889.638	7161710.266
183	455874.603	7161712.956
184	455868.515	7161712.708
185	455864.688	7161712.866
186	455847.122	7161714.004
187	455840.413	7161712.108
188	455821.126	7161707.844
189	455807.833	7161704.507
190	455801.815	7161704.031
191	455799.316	7161704.085
192	455791.647	7161703.224
193	455788.138	7161703.288
194	455782.852	7161703.968
195	455776.06	7161707.508
196	455767.87	7161711.297
197	455750.183	7161713.948
198	455734.466	7161718.035
199	455732.865	7161721.332
200	455732.407	7161725.338
201	455727.058	7161727.349
202	455723.529	7161727.34
203	455715.988	7161727.443
204	455714.074	7161728.379
205	455709.449	7161731.675
206	455706.299	7161733.215
207	455700.531	7161732.02
208	455683.576	7161727.69
209	455672.735	7161724.663



210	455668.815	7161723.337
211	455664.064	7161720.638
212	455660.476	7161718.711
213	455658.443	7161715.036
214	455656.124	7161710.09
215	455653.209	7161703.046
216	455652.314	7161697.661
217	455650.543	7161682.674
218	455648.771	7161673.826
219	455647.044	7161665.786
220	455646.395	7161663.239
221	455645.113	7161660.936
222	455644.03	7161661.777
223	455640.243	7161672.091
224	455638.26	7161676.007
225	455636.458	7161676.92
226	455627.303	7161675.477
227	455617.909	7161673.307
228	455615.181	7161672.765
229	455612.866	7161672.294
230	455610.228	7161671.34
231	455607.73	7161671.933
232	455599.664	7161674.151
233	455595.93	7161674.432
234	455580.364	7161670.25
235	455570.286	7161664.944
236	455566.882	7161662.795
237	455559.303	7161663.917
238	455555.29	7161662.877
239	455550.789	7161661.251
240	455547.868	7161659.805
241	455544.601	7161656.478



242	455539.273	7161650.182
243	455536.576	7161647.615
244	455529.385	7161645.753
245	455505.369	7161640.297
246	455492.777	7161647.696
247	455490.636	7161648.304
248	455484.095	7161653.988
249	455481.124	7161655.334
250	455480.51	7161662.115
251	455472.43	7161665.914
252	455465.198	7161668.495
253	455457.914	7161669.832
254	455449.546	7161670.884
255	455428.892	7161669.917
256	455425.448	7161671.226
257	455418.826	7161674.734
258	455410.437	7161671.863
259	455407.635	7161672.565
260	455404.936	7161673.807
261	455402.291	7161675.675
262	455399.791	7161679.072
263	455391.067	7161690.131
264	455386.669	7161687.188
265	455383.127	7161683.274
266	455380.749	7161682.956
267	455376.323	7161681.348
268	455360.423	7161673.714
269	455358.313	7161675.151
270	455353.671	7161678.582
271	455344.691	7161680.662
272	455342.168	7161681.686
273	455335.629	7161669.435



274	455315.406	7161639.599
275	455308.211	7161636.072
276	455320.302	7161629.045
277	455331.828	7161625.132
278	455348.262	7161618.347
279	455367.856	7161617.368
280	455383.795	7161620.79
281	455396.191	7161616.671
282	455410.67	7161616.311
283	455431.557	7161612.98
284	455442.882	7161613.51
285	455453.244	7161605.282
286	455463.9	7161598.552
287	455481.046	7161588.518
288	455496.395	7161583.925
289	455513.44	7161583.921
290	455543.672	7161590.572
291	455564.253	7161597.785
292	455578.657	7161607.024
293	455599.068	7161615.68
294	455612.983	7161614.673
295	455632.62	7161605.484
296	455653.262	7161604.709
297	455672.826	7161611.342
298	455689.237	7161625.105
299	455696.191	7161635.501
300	455702.773	7161653.816
301	455704.5	7161661.857
302	455705.907	7161668.853
303	455720.119	7161662.87
304	455735.836	7161658.783
305	455751.279	7161656.147



306	455756.51	7161653.421
307	455775.573	7161647.435
308	455787.11	7161646.297
309	455798.001	7161646.58
310	455806.311	7161647.208
311	455821.715	7161649.223
312	455834.22	7161652.363
313	455852.715	7161656.451
314	455861.004	7161655.985
315	455869.832	7161655.394
316	455883.156	7161648.418
317	455903.586	7161638.674
318	455919.952	7161632.592
319	455930.854	7161628.793
320	455934.121	7161627.856
321	455937.073	7161623.557
322	455941.65	7161617.665
323	455952.555	7161607.529
324	455970.656	7161596.05
325	455980.591	7161589.826
326	455986.956	7161585.488
327	455995.411	7161580.973
328	455999.329	7161577.572
329	456005.187	7161570.382
330	456011.409	7161563.249
331	456014.516	7161560.965
332	456014.726	7161548.421
333	456015.571	7161540.136
334	456019.452	7161519.57
335	456026.218	7161501.869
336	456029.759	7161497.075
337	456047.674	7161473.161



338	456064.155	7161459.796
339	456084.383	7161453.384
340	456092.316	7161452.43
341	456108.359	7161451.65
342	456118.456	7161450.011
343	456132.95	7161450.584
344	456147.391	7161455.05
345	456158.948	7161461.99
346	456169.253	7161472.328
347	456175.275	7161481.571
348	456180.546	7161491.198
349	456184.449	7161498.783
350	456187.226	7161507.734
351	456188.935	7161511.658
352	456193.687	7161526.811
353	456194.682	7161540.1
354	456193.051	7161552.348
355	456191.477	7161560.558
356	456185.537	7161576.425
357	456181.999	7161582.483
358	456174.916	7161592.178
359	456169.099	7161598.545
360	456163.136	7161603.951
361	456162.71	7161613.377
362	456156.953	7161632.242
363	456152.605	7161645.314
364	456149.532	7161650.46
365	456146.293	7161657.311
366	456143.825	7161663.558
367	456130.881	7161682.361
368	456127.432	7161685.402
369	456124.34	7161688.968



370	456119.391	7161694.032
371	456107.849	7161702.594
372	456099.694	7161706.78
373	456090.294	7161710.32
374	456080.49	7161714.085
375	456074.839	7161717.694
376	456060.411	7161723.888
377	456054.67	7161725.293
378	456052.371	7161727.576
379	456046.841	7161733.596
380	456055.177	7161739.431
381	456075.252	7161745.825
382	456085.717	7161750.637
383	456100.757	7161763.201



AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL

RESOLUÇÃO AUTORIZATIVA DE 11 DE ABRIL DE 2023.

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL, com base no art. 16, IV, do Regimento Interno da ANEEL, resolve:

Nº 14.296. Processo nº 48500.005489/2022-15. Interessado: Cooperativa Agrária Agroindustrial **Objeto:** Declarar de utilidade pública áreas necessárias à operação da PCH São Jerônimo, CEG nº PCH.PH.PR.028791-1.01, localizadas nos municípios de Pinhão e Guarapuava, no estado do Paraná. A íntegra desta Resolução consta dos autos e encontra-se disponível no endereço eletrônico <http://biblioteca.aneel.gov.br>

SANDOVAL DE ARAÚJO FEITOSA NETO