

AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL

RESOLUÇÃO AUTORIZATIVA Nº 7.107, DE 26 DE JUNHO DE 2018.

Declara de utilidade pública, em favor da Rio Ligeiro Energia Ltda., as áreas de terra necessárias à implantação da Pequena Central Hidrelétrica Cianorte, localizada nos municípios de Cianorte e Jussara, estado do Paraná.

[Texto Original](#)

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O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL, no uso de suas atribuições regimentais, 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 Decreto nº 4.932, de 23 de dezembro de 2003, com redação dada pelo Decreto nº 4.970, de 30 de janeiro de 2004, na Resolução Normativa nº 740, de 11 de outubro de 2016, e o que consta do Processo nº 48500.001821/2018-96, resolve:

Art. 1º Declarar de utilidade pública, para fins de desapropriação, servidão adiminstrativa ou uso, em favor da Rio Ligeiro Energia Ltda., inscrita no CNPJ/MF sob o nº 08.394.100/0001,51, com sede na Estrada rio Ligeiro, s/nº, km 27,5, Zona Rural, município de Jussara, estado do Paraná, as áreas que perfazem um polígono de 55,0572 ha (cinquenta e cinco hectares, cinco ares e setenta e dois centiares), localizadas nos municípios de Cianorte e Jussara, estado do Paraná, necessárias à implantação da PCH Cianorte, empreendimento cadastrado sob o Código Único de Empreendimentos de Geração (CEG) PCH.PH.PR.037145-9.01.

§ 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 desta Resolução.

§ 2º A Rio Ligeiro Energia Ltda. deverá fiscalizar as terras destinadas à implantação da PCH Cianorte, promovendo sua gestão sócio-patrimonial.

Art. 2º Em relação às propriedades privadas referidas no art. 1º, a Rio Ligeiro Energia Ltda. 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 no polígono referido no art. 1º, a DUP denota afetação específica de geração de energia elétrica, cabendo à Rio Ligeiro Energia Ltda. a postulação de instrumentos que permitam o pretendido uso.

§1º A declaração de utilidade pública das áreas públicas não confere poderes expropriatórios à Rio Ligeiro Energia Ltda. 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 Rio Ligeiro Energia Ltda., nos termos da Lei nº 9.636, de 15 de maio de 1998.

Art. 4º A Rio Ligeiro Energia Ltda. deverá apresentar em até 60 (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 [740](#), de 11 de outubro de 2016, 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 Rio Ligeiro Energia Ltda. 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](http://www.aneel.gov.br).

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

ROMEU DONIZETE RUFINO

## ANEXO DA RESOLUÇÃO AUTORIZATIVA Nº 7.107, DE 26 DE JUNHO DE 2018

DECLARAÇÃO DE UTILIDADE PÚBLICA  
Memorial Descritivo

<b>Polígono 01</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Reservatório
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Desapropriação		1,3995	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.376.300,09		344.137,66	
1		7.376.297,19		344.133,38	
2		7.376.286,67		344.122,15	
3		7.376.280,60		344.115,71	
4		7.376.275,84		344.112,62	
5		7.376.266,85		344.109,48	
6		7.376.248,74		344.104,50	
7		7.376.226,39		344.101,67	
8		7.376.217,04		344.099,63	
9		7.376.199,69		344.089,12	
10		7.376.191,64		344.086,42	
11		7.376.177,91		344.080,15	
12		7.376.168,72		344.073,30	
13		7.376.162,95		344.065,71	
14		7.376.151,08		344.047,63	
15		7.376.142,11		344.032,23	
16		7.376.131,33		344.012,86	
17		7.376.125,10		344.006,80	
18		7.376.112,41		343.997,77	
19		7.376.090,75		343.981,94	
20		7.376.064,12		343.970,69	
21		7.376.046,41		343.961,47	
22		7.376.013,70		343.944,81	
23		7.375.990,42		343.934,02	
24		7.375.980,66		343.930,22	
25		7.375.972,09		343.925,81	
26		7.375.958,30		343.920,34	
27		7.375.940,18		343.913,88	
28		7.375.922,94		343.906,34	
29		7.375.914,54		343.900,18	
30		7.375.911,83		343.896,70	

31	7.375.904,16	343.888,59
32	7.375.897,78	343.879,69
33	7.375.896,77	343.866,90
34	7.375.897,77	343.860,47
35	7.375.903,60	343.844,78
36	7.375.908,94	343.834,39
37	7.375.916,83	343.806,75
38	7.375.917,91	343.797,99
39	7.375.916,83	343.791,96
40	7.375.909,09	343.784,35
41	7.375.904,32	343.777,19
42	7.375.900,26	343.769,77
43	7.375.895,66	343.750,94
44	7.375.893,21	343.736,95
45	7.375.892,56	343.730,19
46	7.375.891,35	343.723,01
47	7.375.890,17	343.716,14
48	7.375.889,26	343.705,85
49	7.375.891,53	343.693,31
50	7.375.894,76	343.681,60
51	7.375.899,71	343.670,81
52	7.375.908,04	343.650,61
53	7.375.909,53	343.644,12
54	7.375.908,14	343.633,43
55	7.375.906,02	343.615,51
56	7.375.904,20	343.589,19
57	7.375.900,89	343.580,74
58	7.375.894,32	343.574,40
59	7.375.891,54	343.573,27
60	7.375.887,99	343.571,66
61	7.375.883,72	343.571,81
62	7.375.881,21	343.572,44
63	7.375.874,80	343.574,22
64	7.375.867,47	343.577,29
65	7.375.864,40	343.585,05
66	7.375.857,91	343.600,45
67	7.375.851,82	343.615,18
68	7.375.849,05	343.621,69
69	7.375.849,63	343.629,05
70	7.375.849,67	343.635,36
71	7.375.850,02	343.643,91
72	7.375.850,07	343.656,80
73	7.375.850,88	343.667,80
74	7.375.851,03	343.673,78
75	7.375.851,46	343.680,49
76	7.375.850,47	343.685,70
77	7.375.844,17	343.692,56

78	7.375.839,41	343.690,63
79	7.375.831,87	343.687,57
80	7.375.826,44	343.680,82
81	7.375.823,51	343.674,21
82	7.375.819,33	343.665,06
83	7.375.816,25	343.658,00
84	7.375.813,22	343.651,05
85	7.375.809,75	343.643,38
86	7.375.802,96	343.635,28
87	7.375.801,60	343.631,99
88	7.375.801,66	343.627,61
89	7.375.801,38	343.626,13
90	7.375.798,03	343.625,23
91	7.375.795,48	343.624,65
92	7.375.790,09	343.625,19
93	7.375.785,50	343.628,19
94	7.375.780,00	343.629,26
95	7.375.776,46	343.629,87
96	7.375.773,11	343.630,04
97	7.375.767,10	343.629,88
98	7.375.762,70	343.632,56
99	7.375.756,71	343.636,95
100	7.375.752,11	343.639,03
101	7.375.744,44	343.642,58
102	7.375.736,98	343.646,47
103	7.375.729,77	343.648,71
104	7.375.725,41	343.649,31
105	7.375.720,07	343.649,60
106	7.375.713,94	343.649,17
107	7.375.709,95	343.648,69
108	7.375.707,54	343.647,26
109	7.375.705,60	343.644,20
110	7.375.702,74	343.641,15
111	7.375.702,16	343.637,03
112	7.375.704,93	343.631,05
113	7.375.706,92	343.627,38
114	7.375.711,51	343.621,90
115	7.375.717,66	343.615,00
116	7.375.723,45	343.609,79
117	7.375.725,60	343.609,14
118	7.375.728,02	343.608,11
119	7.375.730,26	343.607,55
120	7.375.733,06	343.607,17
121	7.375.735,86	343.606,80
122	7.375.740,59	343.606,84
123	7.375.746,22	343.607,29
124	7.375.750,15	343.607,59

125	7.375.758,74	343.605,34
126	7.375.767,91	343.601,41
127	7.375.776,70	343.594,76
128	7.375.781,70	343.587,91
129	7.375.785,50	343.578,21
130	7.375.786,67	343.568,25
131	7.375.787,09	343.555,29
132	7.375.786,21	343.546,73
133	7.375.785,64	343.540,39
134	7.375.784,97	343.535,07
135	7.375.783,51	343.528,82
136	7.375.778,40	343.519,24
137	7.375.770,35	343.513,24
138	7.375.764,91	343.509,20
139	7.375.757,90	343.506,14
140	7.375.744,42	343.502,15
141	7.375.732,65	343.500,38
142	7.375.727,85	343.499,99
143	7.375.718,18	343.501,19
144	7.375.709,89	343.501,40
145	7.375.702,85	343.503,11
146	7.375.693,10	343.506,14
147	7.375.680,81	343.511,70
148	7.375.668,67	343.518,02
149	7.375.655,29	343.527,72
150	7.375.649,87	343.530,55
151	7.375.644,19	343.533,87
152	7.375.636,79	343.534,67
153	7.375.625,27	343.534,34
154	7.375.617,59	343.534,58
155	7.375.608,66	343.533,48
156	7.375.600,97	343.531,02
157	7.375.588,10	343.519,05
158	7.375.575,94	343.503,87
159	7.375.554,30	343.480,77
160	7.375.551,93	343.478,58
161	7.375.545,91	343.473,03
162	7.375.535,17	343.463,49
163	7.375.533,03	343.461,97
164	7.375.530,69	343.461,44
165	7.375.529,04	343.461,46
166	7.375.526,66	343.462,18
167	7.375.523,78	343.463,45
168	7.375.520,44	343.466,03
169	7.375.513,08	343.471,76
170	7.375.507,69	343.476,58
171	7.375.504,91	343.480,33

172	7.375.500,84	343.486,16
173	7.375.500,82	343.495,98
174	7.375.501,07	343.500,44
175	7.375.502,97	343.506,61
176	7.375.504,67	343.510,65
177	7.375.506,88	343.515,48
178	7.375.507,97	343.516,94
179	7.375.510,43	343.520,45
180	7.375.514,39	343.525,13
181	7.375.515,84	343.527,82
182	7.375.517,01	343.531,07
183	7.375.517,09	343.534,49
184	7.375.514,68	343.540,17
185	7.375.512,99	343.543,44
186	7.375.508,93	343.546,76
187	7.375.503,06	343.548,50
188	7.375.498,01	343.548,68
189	7.375.489,56	343.546,64
190	7.375.484,50	343.542,84
191	7.375.477,87	343.536,51
192	7.375.469,14	343.527,10
193	7.375.460,57	343.517,31
194	7.375.450,83	343.503,92
195	7.375.439,76	343.493,49
196	7.375.429,50	343.484,35
197	7.375.420,64	343.477,29
198	7.375.404,78	343.467,01
199	7.375.398,30	343.463,02
200	7.375.384,89	343.457,00
201	7.375.371,19	343.451,92
202	7.375.364,34	343.449,39
203	7.375.354,98	343.445,61
204	7.375.345,34	343.441,95
205	7.375.341,31	343.441,01
206	7.375.333,43	343.437,60
207	7.375.322,27	343.433,10
208	7.375.314,00	343.429,84
209	7.375.306,70	343.427,82
210	7.375.293,77	343.424,21
211	7.375.284,08	343.421,22
212	7.375.272,28	343.416,01
213	7.375.261,37	343.410,92
214	7.375.252,03	343.406,32
215	7.375.246,52	343.405,01
216	7.375.231,12	343.399,50
217	7.375.225,79	343.398,74
218	7.375.217,08	343.399,12

219	7.375.213,55	343.399,77
220	7.375.208,74	343.399,77
221	7.375.202,86	343.400,54
222	7.375.197,21	343.400,70
223	7.375.188,68	343.396,10
224	7.375.177,75	343.390,74
225	7.375.166,38	343.386,07
226	7.375.157,36	343.381,98
227	7.375.153,00	343.379,04
228	7.375.149,49	343.378,82
229	7.375.146,18	343.379,46
230	7.375.143,14	343.380,31
231	7.375.140,21	343.379,77
232	7.375.139,50	343.379,47
233	7.375.136,86	343.377,95
234	7.375.134,87	343.376,00
235	7.375.133,19	343.374,11
236	7.375.133,56	343.373,81
237	7.375.134,79	343.374,71
238	7.375.136,94	343.377,67
239	7.375.137,09	343.377,93
240	7.375.137,43	343.377,97
241	7.375.140,41	343.379,29
242	7.375.143,69	343.379,24
243	7.375.149,69	343.378,19
244	7.375.151,74	343.378,53
245	7.375.153,05	343.379,00
246	7.375.153,12	343.379,01
247	7.375.154,01	343.379,49
248	7.375.166,99	343.385,57
249	7.375.197,41	343.400,05
250	7.375.201,26	343.399,55
251	7.375.207,95	343.398,95
252	7.375.226,33	343.397,12
253	7.375.249,29	343.404,47
254	7.375.253,30	343.405,74
255	7.375.259,81	343.408,16
256	7.375.277,67	343.415,01
257	7.375.290,49	343.420,07
258	7.375.298,13	343.422,28
259	7.375.329,58	343.434,13
260	7.375.333,37	343.435,56
261	7.375.333,50	343.435,36
262	7.375.380,89	343.453,08
263	7.375.387,20	343.455,54
264	7.375.405,23	343.466,58
265	7.375.421,70	343.476,07



266	7.375.438,30	343.491,65
267	7.375.456,57	343.508,31
268	7.375.460,48	343.513,11
269	7.375.468,90	343.523,26
270	7.375.478,35	343.533,62
271	7.375.484,02	343.539,03
272	7.375.487,97	343.543,41
273	7.375.489,57	343.543,89
274	7.375.494,67	343.545,81
275	7.375.502,10	343.546,48
276	7.375.506,97	343.545,87
277	7.375.508,28	343.545,36
278	7.375.509,22	343.545,11
279	7.375.509,63	343.544,58
280	7.375.511,14	343.543,30
281	7.375.514,87	343.537,36
282	7.375.515,38	343.535,11
283	7.375.515,65	343.534,46
284	7.375.514,83	343.531,32
285	7.375.512,66	343.527,19
286	7.375.512,56	343.526,87
287	7.375.512,30	343.526,53
288	7.375.505,56	343.516,21
289	7.375.503,82	343.511,70
290	7.375.502,28	343.508,21
291	7.375.500,78	343.504,35
292	7.375.500,14	343.500,52
293	7.375.499,57	343.493,57
294	7.375.500,17	343.487,66
295	7.375.500,14	343.486,18
296	7.375.500,62	343.484,52
297	7.375.501,73	343.482,31
298	7.375.504,24	343.478,82
299	7.375.509,61	343.473,27
300	7.375.515,38	343.469,21
301	7.375.520,09	343.465,61
302	7.375.522,86	343.462,87
303	7.375.526,02	343.460,54
304	7.375.529,68	343.460,92
305	7.375.532,98	343.461,37
306	7.375.539,79	343.467,06
307	7.375.544,92	343.471,37
308	7.375.546,33	343.472,68
309	7.375.551,21	343.476,76
310	7.375.555,37	343.480,56
311	7.375.595,74	343.522,90
312	7.375.599,74	343.527,23

313	7.375.601,70	343.529,84
314	7.375.606,18	343.529,87
315	7.375.614,03	343.530,97
316	7.375.634,48	343.531,82
317	7.375.637,68	343.531,89
318	7.375.639,71	343.532,08
319	7.375.642,85	343.531,03
320	7.375.660,77	343.521,71
321	7.375.668,90	343.516,35
322	7.375.694,25	343.503,97
323	7.375.697,38	343.503,23
324	7.375.698,93	343.502,45
325	7.375.705,39	343.501,11
326	7.375.718,21	343.500,82
327	7.375.723,42	343.500,26
328	7.375.732,52	343.499,11
329	7.375.740,38	343.501,05
330	7.375.761,80	343.506,00
331	7.375.766,59	343.508,88
332	7.375.770,11	343.511,44
333	7.375.774,94	343.514,92
334	7.375.778,27	343.517,65
335	7.375.781,62	343.520,95
336	7.375.782,22	343.522,36
337	7.375.785,29	343.530,02
338	7.375.787,90	343.540,38
339	7.375.787,99	343.542,46
340	7.375.788,86	343.553,38
341	7.375.788,86	343.560,30
342	7.375.788,48	343.565,95
343	7.375.787,88	343.571,36
344	7.375.787,42	343.574,06
345	7.375.786,74	343.577,17
346	7.375.785,33	343.582,90
347	7.375.783,65	343.587,72
348	7.375.780,10	343.593,53
349	7.375.772,08	343.602,03
350	7.375.769,33	343.603,83
351	7.375.763,44	343.605,59
352	7.375.757,48	343.606,15
353	7.375.750,02	343.608,02
354	7.375.746,50	343.608,02
355	7.375.741,98	343.609,56
356	7.375.734,82	343.613,25
357	7.375.728,28	343.614,72
358	7.375.726,09	343.617,71
359	7.375.724,24	343.624,66

360	7.375.723,30	343.625,63
361	7.375.718,93	343.626,64
362	7.375.714,56	343.626,24
363	7.375.709,51	343.629,52
364	7.375.706,33	343.633,37
365	7.375.705,48	343.636,39
366	7.375.707,07	343.641,92
367	7.375.708,53	343.644,48
368	7.375.709,81	343.643,90
369	7.375.715,85	343.644,22
370	7.375.720,43	343.641,77
371	7.375.724,37	343.631,11
372	7.375.728,66	343.635,73
373	7.375.732,16	343.638,75
374	7.375.737,99	343.640,54
375	7.375.751,71	343.636,14
376	7.375.759,00	343.629,95
377	7.375.757,97	343.624,35
378	7.375.764,55	343.621,90
379	7.375.772,66	343.622,74
380	7.375.781,88	343.622,31
381	7.375.785,14	343.620,61
382	7.375.792,07	343.621,29
383	7.375.794,20	343.620,80
384	7.375.800,37	343.620,57
385	7.375.807,86	343.620,75
386	7.375.810,58	343.619,93
387	7.375.810,66	343.620,02
388	7.375.810,50	343.620,45
389	7.375.808,71	343.623,20
390	7.375.808,28	343.626,55
391	7.375.808,14	343.630,32
392	7.375.807,83	343.637,29
393	7.375.807,88	343.639,09
394	7.375.810,46	343.642,63
395	7.375.814,77	343.652,22
396	7.375.817,35	343.656,02
397	7.375.830,09	343.672,10
398	7.375.834,15	343.677,30
399	7.375.836,75	343.680,68
400	7.375.841,18	343.685,42
401	7.375.843,87	343.686,10
402	7.375.846,54	343.681,81
403	7.375.847,73	343.677,67
404	7.375.848,01	343.659,53
405	7.375.845,29	343.655,28
406	7.375.838,40	343.631,32

407	7.375.837,60	343.622,81
408	7.375.838,11	343.621,84
409	7.375.839,95	343.617,90
410	7.375.845,17	343.619,97
411	7.375.847,55	343.620,11
412	7.375.848,38	343.619,03
413	7.375.850,01	343.615,10
414	7.375.864,93	343.577,26
415	7.375.865,87	343.575,41
416	7.375.867,19	343.575,00
417	7.375.879,29	343.571,27
418	7.375.883,80	343.570,35
419	7.375.888,71	343.570,78
420	7.375.889,02	343.570,75
421	7.375.889,30	343.570,89
422	7.375.894,50	343.573,57
423	7.375.899,86	343.578,27
424	7.375.900,87	343.579,17
425	7.375.902,20	343.580,38
426	7.375.903,05	343.582,65
427	7.375.904,09	343.585,08
428	7.375.905,85	343.589,78
429	7.375.905,90	343.592,43
430	7.375.906,45	343.599,96
431	7.375.907,17	343.615,20
432	7.375.907,15	343.616,01
433	7.375.907,04	343.616,62
434	7.375.907,03	343.616,73
435	7.375.907,14	343.617,74
436	7.375.910,90	343.644,18
437	7.375.910,94	343.644,91
438	7.375.910,09	343.648,25
439	7.375.907,17	343.655,57
440	7.375.901,15	343.668,38
441	7.375.899,87	343.671,11
442	7.375.898,76	343.674,78
443	7.375.896,29	343.682,34
444	7.375.895,18	343.687,77
445	7.375.893,28	343.700,91
446	7.375.893,40	343.706,95
447	7.375.894,65	343.713,67
448	7.375.895,93	343.727,19
449	7.375.897,41	343.734,77
450	7.375.898,77	343.731,91
451	7.375.900,84	343.721,76
452	7.375.902,37	343.710,66
453	7.375.902,50	343.706,00

454	7.375.906,45	343.698,25
455	7.375.914,31	343.677,46
456	7.375.914,91	343.667,69
457	7.375.916,23	343.661,09
458	7.375.918,37	343.658,79
459	7.375.920,09	343.660,53
460	7.375.920,89	343.662,49
461	7.375.931,56	343.682,44
462	7.375.932,96	343.689,27
463	7.375.933,44	343.695,04
464	7.375.936,63	343.713,60
465	7.375.936,70	343.715,09
466	7.375.931,36	343.770,80
467	7.375.931,54	343.778,39
468	7.375.924,38	343.788,98
469	7.375.922,85	343.790,84
470	7.375.920,51	343.800,23
471	7.375.917,93	343.811,45
472	7.375.915,81	343.816,76
473	7.375.913,39	343.821,81
474	7.375.909,70	343.834,58
475	7.375.903,39	343.851,21
476	7.375.900,76	343.859,09
477	7.375.899,38	343.866,45
478	7.375.899,36	343.870,49
479	7.375.899,56	343.872,69
480	7.375.900,66	343.878,27
481	7.375.905,74	343.882,61
482	7.375.908,25	343.883,08
483	7.375.928,15	343.890,32
484	7.375.933,39	343.893,91
485	7.375.979,37	343.921,00
486	7.375.985,66	343.924,54
487	7.376.012,70	343.942,16
488	7.376.013,79	343.942,99
489	7.376.015,58	343.943,79
490	7.376.018,05	343.945,05
491	7.376.019,09	343.944,98
492	7.376.017,35	343.942,94
493	7.376.015,73	343.940,03
494	7.376.017,22	343.938,73
495	7.376.019,04	343.938,47
496	7.376.022,88	343.940,27
497	7.376.058,40	343.961,10
498	7.376.067,09	343.966,41
499	7.376.088,33	343.979,27
500	7.376.091,33	343.980,59

501	7.376.097,47	343.984,81
502	7.376.110,76	343.991,59
503	7.376.121,38	343.998,70
504	7.376.128,53	344.005,39
505	7.376.130,94	344.008,51
506	7.376.135,46	344.014,14
507	7.376.145,16	344.027,73
508	7.376.147,15	344.030,01
509	7.376.169,42	344.067,34
510	7.376.171,30	344.069,94
511	7.376.176,51	344.073,65
512	7.376.181,68	344.075,78
513	7.376.184,82	344.075,50
514	7.376.187,33	344.073,72
515	7.376.183,52	344.070,85
516	7.376.174,22	344.066,37
517	7.376.167,71	344.056,63
518	7.376.158,63	344.042,83
519	7.376.149,24	344.028,59
520	7.376.149,31	344.027,43
521	7.376.147,32	344.024,46
522	7.376.138,78	344.013,55
523	7.376.137,06	344.008,67
524	7.376.142,16	344.009,25
525	7.376.147,49	344.012,34
526	7.376.152,37	344.015,86
527	7.376.188,56	344.036,20
528	7.376.194,27	344.039,54
529	7.376.196,47	344.040,98
530	7.376.239,26	344.072,79
531	7.376.242,91	344.075,67
532	7.376.247,20	344.080,38
533	7.376.262,58	344.101,29
534	7.376.265,93	344.105,25
535	7.376.270,89	344.109,32
536	7.376.278,98	344.112,69
537	7.376.281,77	344.114,34
538	7.376.285,20	344.117,86
539	7.376.290,47	344.123,34
540	7.376.305,68	344.124,58
541	7.376.308,97	344.125,59
542	7.376.311,52	344.127,88
543	7.376.312,26	344.128,89
0=PP	7.376.300,09	344.137,66

**Polígono 02**

UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4113007	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Reservatório
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Desapropriação		0,6944	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.376.281,06		344.151,36	
1		7.376.251,21		344.172,87	
2		7.376.249,94		344.171,11	
3		7.376.249,89		344.169,13	
4		7.376.251,77		344.165,35	
5		7.376.258,92		344.151,54	
6		7.376.266,93		344.137,88	
7		7.376.264,27		344.135,83	
8		7.376.252,18		344.128,47	
9		7.376.245,48		344.125,33	
10		7.376.230,78		344.125,10	
11		7.376.209,05		344.120,04	
12		7.376.204,15		344.118,80	
13		7.376.199,89		344.116,23	
14		7.376.192,71		344.109,96	
15		7.376.166,97		344.091,20	
16		7.376.164,77		344.089,55	
17		7.376.164,60		344.089,44	
18		7.376.151,06		344.080,62	
19		7.376.143,33		344.075,22	
20		7.376.125,16		344.044,30	
21		7.376.124,55		344.043,66	
22		7.376.122,42		344.040,01	
23		7.376.111,69		344.023,82	
24		7.376.110,77		344.022,39	
25		7.376.100,57		344.009,80	
26		7.376.099,50		344.008,41	
27		7.376.090,38		344.002,10	
28		7.376.090,24		344.002,00	
29		7.376.089,76		344.001,86	
30		7.376.063,18		343.995,17	
31		7.376.057,90		343.993,80	
32		7.376.055,40		343.992,32	
33		7.376.006,57		343.963,78	
34		7.376.006,31		343.963,63	
35		7.376.006,12		343.963,56	
36		7.376.005,81		343.963,45	
37		7.376.007,07		343.968,74	

38	7.376.006,89	343.972,34
39	7.375.970,20	343.956,48
40	7.375.963,52	343.952,77
41	7.375.930,02	343.931,57
42	7.375.920,33	343.926,64
43	7.375.897,66	343.916,09
44	7.375.897,11	343.915,87
45	7.375.896,73	343.915,62
46	7.375.884,64	343.903,98
47	7.375.882,96	343.901,95
48	7.375.881,71	343.900,52
49	7.375.880,07	343.897,80
50	7.375.878,42	343.892,38
51	7.375.876,78	343.886,47
52	7.375.875,81	343.881,43
53	7.375.874,98	343.871,51
54	7.375.874,90	343.868,15
55	7.375.876,69	343.862,22
56	7.375.883,87	343.844,97
57	7.375.884,98	343.841,33
58	7.375.890,84	343.827,36
59	7.375.897,19	343.811,17
60	7.375.898,60	343.808,04
61	7.375.898,41	343.799,74
62	7.375.898,39	343.799,50
63	7.375.897,96	343.798,71
64	7.375.896,32	343.795,31
65	7.375.887,68	343.779,87
66	7.375.886,31	343.776,80
67	7.375.884,51	343.769,80
68	7.375.883,65	343.765,19
69	7.375.881,12	343.750,97
70	7.375.878,36	343.735,65
71	7.375.876,97	343.728,41
72	7.375.875,07	343.710,32
73	7.375.874,48	343.705,68
74	7.375.874,63	343.701,56
75	7.375.876,32	343.689,66
76	7.375.878,32	343.679,02
77	7.375.883,67	343.663,11
78	7.375.886,32	343.654,78
79	7.375.888,37	343.643,42
80	7.375.888,73	343.640,60
81	7.375.889,33	343.639,51
82	7.375.889,58	343.639,31
83	7.375.889,74	343.638,67
84	7.375.892,38	343.622,47



85	7.375.894,12	343.615,89
86	7.375.893,68	343.611,52
87	7.375.893,37	343.604,72
88	7.375.893,36	343.603,08
89	7.375.891,97	343.592,58
90	7.375.891,83	343.592,16
91	7.375.891,57	343.591,94
92	7.375.886,40	343.589,24
93	7.375.884,70	343.588,59
94	7.375.882,59	343.590,10
95	7.375.879,38	343.592,30
96	7.375.872,37	343.614,15
97	7.375.868,51	343.625,71
98	7.375.867,97	343.637,31
99	7.375.867,05	343.660,48
100	7.375.866,36	343.667,25
101	7.375.864,94	343.683,03
102	7.375.863,61	343.687,62
103	7.375.863,02	343.690,77
104	7.375.861,20	343.696,04
105	7.375.857,20	343.701,20
106	7.375.854,36	343.703,35
107	7.375.847,55	343.708,28
108	7.375.837,58	343.708,37
109	7.375.835,00	343.708,08
110	7.375.825,94	343.704,86
111	7.375.822,24	343.703,73
112	7.375.815,42	343.692,42
113	7.375.814,09	343.686,94
114	7.375.811,43	343.681,46
115	7.375.803,30	343.660,64
116	7.375.799,62	343.651,42
117	7.375.795,15	343.645,11
118	7.375.793,79	343.643,13
119	7.375.789,37	343.642,18
120	7.375.787,81	343.641,91
121	7.375.773,22	343.646,21
122	7.375.771,28	343.646,81
123	7.375.769,70	343.647,61
124	7.375.757,98	343.654,31
125	7.375.753,73	343.656,07
126	7.375.727,79	343.666,15
127	7.375.724,90	343.667,10
128	7.375.718,93	343.667,32
129	7.375.713,05	343.667,54
130	7.375.709,23	343.667,21
131	7.375.707,83	343.666,10

132	7.375.697,67	343.655,81
133	7.375.695,13	343.653,25
134	7.375.693,61	343.652,74
135	7.375.691,18	343.652,23
136	7.375.677,90	343.650,63
137	7.375.661,62	343.645,82
138	7.375.659,67	343.645,13
139	7.375.657,60	343.644,14
140	7.375.654,64	343.642,36
141	7.375.647,82	343.635,83
142	7.375.642,49	343.629,61
143	7.375.641,14	343.626,53
144	7.375.640,50	343.625,87
145	7.375.639,97	343.623,08
146	7.375.639,16	343.616,04
147	7.375.638,93	343.608,55
148	7.375.639,82	343.600,55
149	7.375.641,97	343.588,68
150	7.375.644,27	343.577,56
151	7.375.645,07	343.573,31
152	7.375.648,16	343.561,54
153	7.375.648,43	343.558,01
154	7.375.647,86	343.556,67
155	7.375.645,64	343.556,05
156	7.375.642,50	343.555,49
157	7.375.640,73	343.554,99
158	7.375.630,84	343.554,38
159	7.375.622,65	343.553,82
160	7.375.610,65	343.551,02
161	7.375.599,43	343.547,65
162	7.375.594,63	343.545,38
163	7.375.590,16	343.543,19
164	7.375.582,87	343.535,99
165	7.375.572,07	343.520,63
166	7.375.544,32	343.483,41
167	7.375.541,11	343.480,96
168	7.375.539,04	343.479,74
169	7.375.536,10	343.479,16
170	7.375.534,36	343.479,80
171	7.375.528,18	343.483,36
172	7.375.525,14	343.486,61
173	7.375.523,57	343.487,88
174	7375521,209	343.490,098
175	7375519,304	343.494,706
176	7375520,585	343.499,554
177	7375522,816	343.505,402
178	7375527,606	343.514,991

179	7375533,648	343.525,786
180	7375537,189	343.534,533
181	7375538,246	343.538,861
182	7375538,039	343.540,646
183	7375536,876	343.545,588
184	7375534,125	343.550,282
185	7375533,047	343.553,022
186	7375530,456	343.555,033
187	7375530,086	343.556,399
188	7375525,684	343.563,559
189	7375520,948	343.568,251
190	7375518,675	343.568,588
191	7375504,952	343.568,937
192	7375498,134	343.568,913
193	7375491,266	343.567,796
194	7375483,144	343.564,849
195	7375476,945	343.561,800
196	7375460,624	343.551,861
197	7375456,742	343.550,380
198	7375439,799	343.541,562
199	7375429,597	343.537,096
200	7375427,408	343.534,982
201	7375427,001	343.532,494
202	7375428,663	343.532,618
203	7375432,019	343.532,248
204	7375430,543	343.529,934
205	7375425,887	343.526,483
206	7375423,482	343.518,535
207	7375423,482	343.509,609
208	7375424,281	343.507,249
209	7375427,942	343.507,646
210	7375433,115	343.509,788
211	7375436,547	343.509,448
212	7375434,898	343.505,236
213	7375428,744	343.500,059
214	7375423,33	343.497,949
215	7375416,816	343.492,002
216	7375383,801	343.473,541
217	7375382,413	343.472,741
218	7375335,694	343.455,314
219	7375327,799	343.452,387
220	7375309,454	343.445,664
221	7375295,009	343.440,995
222	7375290,41	343.439,571
223	7375250,828	343.426,639
224	7375226,471	343.422,941
225	7375221,858	343.421,650

226	7375202,741	343.416,868
227	7375196,158	343.414,812
228	7375163,891	343.403,866
229	7375143,266	343.396,878
230	7375135,915	343.393,908
231	7375130,71	343.390,228
232	7375128,455	343.387,790
233	7375127,745	343.387,411
234	7375127,479	343.386,790
235	7375123,521	343.382,579
236	7375123,108	343.381,752
237	7375123,208	343.381,662
238	7375123,38	343.381,506
239	7375128,366	343.387,665
240	7375135,908	343.393,303
241	7375143,355	343.396,733
242	7375155,617	343.400,208
243	7375166,388	343.403,760
244	7375174,428	343.406,027
245	7375196,206	343.414,175
246	7375208,369	343.417,382
247	7375222,366	343.418,425
248	7375229,473	343.420,364
249	7375242,166	343.422,762
250	7375252,64	343.425,104
251	7375272,133	343.432,343
252	7375290,005	343.438,630
253	7375300,553	343.440,123
254	7375320,574	343.446,821
255	7375344,081	343.456,301
256	7375358,42	343.462,083
257	7375374,771	343.466,388
258	7375394,744	343.475,360
259	7375412,567	343.487,041
260	7375417,706	343.489,931
261	7375425,341	343.494,291
262	7375435,389	343.502,144
263	7375446,387	343.514,218
264	7375456,231	343.529,032
265	7375456,637	343.530,001
266	7375460,764	343.539,857
267	7375461,001	343.540,422
268	7375466,922	343.547,960
269	7375480,511	343.556,863
270	7375493,989	343.561,496
271	7375507,313	343.564,131
272	7375519,636	343.562,159

273	7375532,252	343.552,369
274	7375536,105	343.545,429
275	7375537,497	343.539,032
276	7375535,335	343.533,382
277	7375529,134	343.520,587
278	7375521,621	343.507,676
279	7375519,503	343.502,985
280	7375518,306	343.497,907
281	7375518,097	343.494,595
282	7375520,545	343.487,173
283	7375523,446	343.481,644
284	7375526,35	343.478,993
285	7375532,541	343.476,392
286	7375536,304	343.476,795
287	7375541,717	343.479,684
288	7375544,71	343.481,660
289	7375557,405	343.497,979
290	7375572,048	343.517,919
291	7375583,717	343.535,000
292	7375591,073	343.541,768
293	7375601,42	343.547,270
294	7375620,183	343.549,444
295	7375635,445	343.550,300
296	7375643,664	343.551,807
297	7375649,999	343.553,550
298	7375651,813	343.555,955
299	7375652,085	343.558,813
300	7375646,555	343.573,783
301	7375641,352	343.596,523
302	7375640,723	343.613,791
303	7375642,297	343.626,157
304	7375645,491	343.630,638
305	7375653,805	343.639,472
306	7375667,361	343.645,743
307	7375678,598	343.649,041
308	7375689,874	343.649,959
309	7375694,024	343.650,985
310	7375695,923	343.651,892
311	7375698,642	343.653,965
312	7375703,454	343659,431
313	7375709,962	343666,079
314	7375716,62	343666,461
315	7375724,697	343665,369
316	7375750,158	343655,353
317	7375769,445	343645,543
318	7375780,796	343642,088
319	7375787,822	343639,921

320	7375794,407	343640,923
321	7375801,024	343650,275
322	7375805,312	343659,584
323	7375810,738	343673,236
324	7375813,269	343680,901
325	7375817,024	343691,712
326	7375819,051	343696,484
327	7375823,058	343701,415
328	7375830,214	343704,056
329	7375839,63	343706,058
330	7375847	343706,313
331	7375856,07	343700,573
332	7375860,566	343694,661
333	7375862,83	343688,444
334	7375863,098	343682,883
335	7375864,524	343667,571
336	7375865,74	343658,501
337	7375867,125	343646,296
338	7375866,466	343637,813
339	7375866,949	343631,46
340	7375867,018	343625,452
341	7375868,467	343618,477
342	7375873,228	343606,184
343	7375876,954	343594,237
344	7375878,542	343590,991
345	7375885,387	343586,127
346	7375889,255	343587,255
347	7375893,16	343590,557
348	7375894,449	343594,58
349	7375894,866	343600,386
350	7375895,885	343615,96
351	7375892,344	343640,363
352	7375890,438	343650,184
353	7375884,408	343664,873
354	7375879,332	343680,723
355	7375877,836	343698,811
356	7375877,612	343705,5
357	7375878,338	343722,928
358	7375882,44	343749,487
359	7375889,208	343774,608
360	7375895,782	343786,235
361	7375903,764	343799,355
362	7375903,665	343806,245
363	7375903,639	343808,081
364	7375899,406	343818,646
365	7375897,096	343823,193
366	7375894,199	343828,877

367	7375888,61	343842,255
368	7375882,965	343854,931
369	7375878,611	343868,096
370	7375879,076	343884,983
371	7375883,879	343899,529
372	7375884,276	343900,731
373	7375892,185	343906,189
374	7375902,346	343910,816
375	7375921,533	343918,926
376	7375933,702	343928,823
377	7375937,046	343930,821
378	7375946,967	343936,746
379	7375963,223	343944,603
380	7375980,927	343950,595
381	7375982,721	343951,203
382	7376007,503	343961,164
383	7376019,751	343968,074
384	7376025,469	343970,249
385	7376040,047	343977,532
386	7376059,637	343989,996
387	7376071,838	343993,423
388	7376091,571	343999,323
389	7376094,172	344001,018
390	7376100,896	344005,494
391	7376113,376	344021,775
392	7376128,309	344045,19
393	7376146,197	344068,886
394	7376148,995	344072,594
395	7376165,832	344088,065
396	7376174,356	344094,278
397	7376183,687	344100,831
398	7376191,932	344104,938
399	7376194,107	344106,021
400	7376207,361	344114,603
401	7376219,097	344117,094
402	7376237,541	344120,193
403	7376246,819	344123,028
404	7376255,064	344126,764
405	7376268,983	344136,765
0=PP	7376281,063	344151,363

<b>Polígono 03</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Área de Preservação Permanente
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Servidão Administrativa		9,8683	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.376.355,86		344.100,15	
1		7.376.343,69		344.083,20	
2		7.376.305,05		344.070,95	
3		7.376.283,16		344.041,96	
4		7.376.221,65		343.992,19	
5		7.375.959,55		343.848,80	
6		7.375.981,57		343.793,09	
7		7.375.988,98		343.720,17	
8		7.375.984,59		343.671,41	
9		7.375.961,20		343.628,56	
10		7.375.956,15		343.569,79	
11		7.375.936,18		343.537,02	
12		7.375.903,03		343.519,43	
13		7.375.871,08		343.518,23	
14		7.375.839,23		343.530,89	
15		7.375.827,38		343.492,68	
16		7.375.795,83		343.462,70	
17		7.375.756,91		343.450,23	
18		7.375.720,17		343.447,43	
19		7.375.679,83		343.454,22	
20		7.375.628,52		343.479,52	
21		7.375.577,74		343.429,07	
22		7.375.548,99		343.411,08	
23		7.375.516,24		343.408,68	
24		7.375.488,28		343.421,87	
25		7.375.466,04		343.443,71	
26		7.375.412,53		343.409,52	
27		7.375.334,27		343.380,21	
28		7.375.247,39		343.349,01	
29		7.375.224,53		343.346,21	
30		7.375.206,34		343.346,52	
31		7.375.173,97		343.331,38	
32		7.375.153,81		343.326,06	
33		7.375.133,19		343.374,11	
34		7.375.133,56		343.373,81	



35	7.375.134,79	343.374,71
36	7.375.136,94	343.377,67
37	7.375.137,09	343.377,93
38	7.375.137,43	343.377,97
39	7.375.140,41	343.379,29
40	7.375.143,69	343.379,24
41	7.375.149,69	343.378,19
42	7.375.151,74	343.378,53
43	7.375.153,05	343.379,00
44	7.375.153,12	343.379,01
45	7.375.154,01	343.379,49
46	7.375.166,99	343.385,57
47	7.375.197,41	343.400,05
48	7.375.201,26	343.399,55
49	7.375.207,95	343.398,95
50	7.375.226,33	343.397,12
51	7.375.249,29	343.404,47
52	7.375.253,30	343.405,74
53	7.375.259,81	343.408,16
54	7.375.277,67	343.415,01
55	7.375.290,49	343.420,07
56	7.375.298,13	343.422,28
57	7.375.329,58	343.434,13
58	7.375.333,37	343.435,56
59	7.375.333,50	343.435,36
60	7.375.380,89	343.453,08
61	7.375.387,20	343.455,54
62	7.375.405,23	343.466,58
63	7.375.421,70	343.476,07
64	7.375.438,30	343.491,65
65	7.375.456,57	343.508,31
66	7.375.460,48	343.513,11
67	7.375.468,90	343.523,26
68	7.375.478,35	343.533,62
69	7.375.484,02	343.539,03
70	7.375.487,97	343.543,41
71	7.375.489,57	343.543,89
72	7.375.494,67	343.545,81
73	7.375.502,10	343.546,48
74	7.375.506,97	343.545,87
75	7.375.508,28	343.545,36
76	7.375.509,22	343.545,11
77	7.375.509,63	343.544,58
78	7.375.511,14	343.543,30
79	7.375.514,87	343.537,36
80	7.375.515,38	343.535,11
81	7.375.515,65	343.534,46

82	7.375.514,83	343.531,32
83	7.375.512,66	343.527,19
84	7.375.512,56	343.526,87
85	7.375.512,30	343.526,53
86	7.375.505,56	343.516,21
87	7.375.503,82	343.511,70
88	7.375.502,28	343.508,21
89	7.375.500,78	343.504,35
90	7.375.500,14	343.500,52
91	7.375.499,57	343.493,57
92	7.375.500,17	343.487,66
93	7.375.500,14	343.486,18
94	7.375.500,62	343.484,52
95	7.375.501,73	343.482,31
96	7.375.504,24	343.478,82
97	7.375.509,61	343.473,27
98	7.375.515,38	343.469,21
99	7.375.520,09	343.465,61
100	7.375.522,86	343.462,87
101	7.375.526,02	343.460,54
102	7.375.529,68	343.460,92
103	7.375.532,98	343.461,37
104	7.375.539,79	343.467,06
105	7.375.544,92	343.471,37
106	7.375.546,33	343.472,68
107	7.375.551,21	343.476,76
108	7.375.555,37	343.480,56
109	7.375.595,74	343.522,90
110	7.375.599,74	343.527,23
111	7.375.601,70	343.529,84
112	7.375.606,18	343.529,87
113	7.375.614,03	343.530,97
114	7.375.634,48	343.531,82
115	7.375.637,68	343.531,89
116	7.375.639,71	343.532,08
117	7.375.642,85	343.531,03
118	7.375.660,77	343.521,71
119	7.375.668,90	343.516,35
120	7.375.694,25	343.503,97
121	7.375.697,38	343.503,23
122	7.375.698,93	343.502,45
123	7.375.705,39	343.501,11
124	7.375.718,21	343.500,82
125	7.375.723,42	343.500,26
126	7.375.732,52	343.499,11
127	7.375.740,38	343.501,05
128	7.375.761,80	343.506,00

129	7.375.766,59	343.508,88
130	7.375.770,11	343.511,44
131	7.375.774,94	343.514,92
132	7.375.778,27	343.517,65
133	7.375.781,62	343.520,95
134	7.375.782,22	343.522,36
135	7.375.785,29	343.530,02
136	7.375.787,90	343.540,38
137	7.375.787,99	343.542,46
138	7.375.788,86	343.553,38
139	7.375.788,86	343.560,30
140	7.375.788,48	343.565,95
141	7.375.787,88	343.571,36
142	7.375.787,42	343.574,06
143	7.375.786,74	343.577,17
144	7.375.785,33	343.582,90
145	7.375.783,65	343.587,72
146	7.375.780,10	343.593,53
147	7.375.772,08	343.602,03
148	7.375.769,33	343.603,83
149	7.375.763,44	343.605,59
150	7.375.757,48	343.606,15
151	7.375.750,02	343.608,02
152	7.375.746,50	343.608,02
153	7.375.741,98	343.609,56
154	7.375.734,82	343.613,25
155	7.375.728,28	343.614,72
156	7.375.726,09	343.617,71
157	7.375.724,24	343.624,66
158	7.375.723,30	343.625,63
159	7.375.718,93	343.626,64
160	7.375.714,56	343.626,24
161	7.375.709,51	343.629,52
162	7.375.706,33	343.633,37
163	7.375.705,48	343.636,39
164	7.375.707,07	343.641,92
165	7.375.708,53	343.644,48
166	7.375.709,81	343.643,90
167	7.375.715,85	343.644,22
168	7.375.720,43	343.641,77
169	7.375.724,37	343.631,11
170	7.375.728,66	343.635,73
171	7.375.732,16	343.638,75
172	7.375.737,99	343.640,54
173	7.375.751,71	343.636,14
174	7375758,998	343.629,952
175	7375757,973	343.624,350

176	7375764,553	343.621,897
177	7375772,657	343.622,740
178	7375781,882	343.622,313
179	7375785,139	343.620,614
180	7375792,074	343.621,290
181	7375794,204	343.620,796
182	7375800,371	343.620,565
183	7375807,859	343.620,753
184	7375810,578	343.619,931
185	7375810,655	343.620,022
186	7375810,497	343.620,452
187	7375808,707	343.623,204
188	7375808,283	343.626,550
189	7375808,142	343.630,321
190	7375807,826	343.637,288
191	7375807,878	343.639,086
192	7375810,455	343.642,630
193	7375814,774	343.652,216
194	7375817,347	343.656,018
195	7375830,093	343.672,101
196	7375834,154	343.677,304
197	7375836,748	343.680,682
198	7375841,178	343.685,422
199	7375843,871	343.686,097
200	7375846,538	343.681,813
201	7375847,727	343.677,670
202	7375848,012	343.659,532
203	7375845,292	343.655,281
204	7375838,395	343.631,322
205	7375837,597	343.622,807
206	7375838,106	343.621,839
207	7375839,946	343.617,895
208	7375845,17	343.619,970
209	7375847,551	343.620,108
210	7375848,378	343.619,029
211	7375850,009	343.615,103
212	7375864,927	343.577,259
213	7375865,873	343.575,406
214	7375867,186	343.574,999
215	7375879,293	343.571,269
216	7375883,803	343.570,349
217	7375888,706	343.570,777
218	7375889,017	343.570,752
219	7375889,304	343.570,890
220	7375894,495	343.573,568
221	7375899,858	343.578,267
222	7375900,869	343.579,167

223	7375902,201	343.580,380
224	7375903,053	343.582,650
225	7375904,088	343.585,078
226	7375905,852	343.589,780
227	7375905,898	343.592,433
228	7375906,453	343.599,955
229	7375907,174	343.615,202
230	7375907,15	343.616,014
231	7375907,041	343.616,624
232	7375907,033	343.616,727
233	7375907,144	343.617,735
234	7375910,904	343.644,178
235	7375910,936	343.644,913
236	7375910,086	343.648,247
237	7375907,167	343.655,573
238	7375901,147	343.668,380
239	7375899,871	343.671,106
240	7375898,761	343.674,782
241	7375896,289	343.682,340
242	7375895,178	343.687,768
243	7375893,283	343.700,913
244	7375893,401	343.706,952
245	7375894,649	343.713,665
246	7375895,926	343.727,190
247	7375897,411	343.734,767
248	7375898,77	343.731,912
249	7375900,839	343.721,756
250	7375902,368	343.710,659
251	7375902,499	343.706,003
252	7375906,45	343.698,253
253	7375914,306	343.677,457
254	7375914,914	343.667,692
255	7375916,232	343.661,094
256	7375918,37	343.658,791
257	7375920,094	343.660,528
258	7375920,887	343.662,489
259	7375931,562	343.682,436
260	7375932,955	343.689,265
261	7375933,443	343.695,041
262	7375936,632	343.713,599
263	7375936,698	343.715,087
264	7375931,358	343.770,800
265	7375931,538	343.778,393
266	7375924,38	343.788,975
267	7375922,845	343.790,838
268	7375920,506	343.800,228
269	7375917,926	343.811,454

270	7375915,805	343.816,763
271	7375913,386	343.821,811
272	7375909,704	343.834,581
273	7375903,389	343.851,205
274	7375900,758	343.859,087
275	7375899,377	343.866,445
276	7375899,359	343.870,491
277	7375899,559	343.872,692
278	7375900,664	343.878,269
279	7375905,738	343.882,605
280	7375908,253	343.883,083
281	7375928,145	343.890,315
282	7375933,394	343.893,907
283	7375979,371	343.920,997
284	7375985,662	343.924,538
285	7376012,696	343.942,160
286	7376013,794	343.942,993
287	7376015,579	343.943,789
288	7376018,054	343.945,048
289	7376019,094	343.944,982
290	7376017,348	343.942,936
291	7376015,725	343.940,032
292	7376017,219	343.938,731
293	7376019,039	343.938,471
294	7376022,882	343.940,274
295	7376058,404	343.961,097
296	7376067,09	343.966,411
297	7376088,332	343.979,269
298	7376091,325	343.980,586
299	7376097,465	343.984,810
300	7376110,757	343.991,585
301	7376121,384	343.998,701
302	7376128,531	344.005,392
303	7376130,943	344.008,505
304	7376135,462	344.014,136
305	7376145,157	344.027,725
306	7376147,148	344.030,014
307	7376169,417	344.067,335
308	7376171,297	344.069,943
309	7376176,506	344.073,649
310	7376181,684	344.075,777
311	7376184,821	344.075,495
312	7376187,33	344073,723
313	7376183,516	344070,852
314	7376174,221	344066,367
315	7376167,714	344056,633
316	7376158,63	344042,831

317	7376149,241	344028,592
318	7376149,311	344027,425
319	7376147,316	344024,457
320	7376138,778	344013,548
321	7376137,058	344008,672
322	7376142,16	344009,245
323	7376147,492	344012,343
324	7376152,365	344015,858
325	7376188,558	344036,197
326	7376194,272	344039,535
327	7376196,466	344040,977
328	7376239,259	344072,794
329	7376242,913	344075,67
330	7376247,197	344080,382
331	7376262,577	344101,294
332	7376265,93	344105,25
333	7376270,892	344109,315
334	7376278,981	344112,688
335	7376281,765	344114,342
336	7376285,198	344117,86
337	7376290,474	344123,337
338	7376305,683	344124,579
339	7376310,931	344122,072
340	7376316,401	344122,012
0=PP	7376355,859	344100,147

<b>Polígono 04</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4113007	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Área de Preservação Permanente
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Servidão Administrativa		8,9154	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.376.208,25		344.202,21	
1		7.376.198,29		344.188,38	
2		7.376.197,92		344.170,81	
3		7.376.174,19		344.162,05	
4		7.376.108,39		344.113,48	
5		7.376.065,75		344.049,44	

6	7.376.037,69	344.042,71
7	7.376.003,87	344.021,67
8	7.375.994,96	344.021,22
9	7.375.949,52	344.003,87
10	7.375.899,06	343.973,64
11	7.375.869,59	343.960,00
12	7.375.846,75	343.939,72
13	7.375.834,60	343.924,24
14	7.375.825,76	343.898,43
15	7.375.823,53	343.886,07
16	7.375.823,67	343.861,80
17	7.375.827,45	343.843,93
18	7.375.843,09	343.806,56
19	7.375.833,25	343.785,43
20	7.375.829,89	343.759,95
21	7.375.799,31	343.751,78
22	7.375.780,12	343.734,45
23	7.375.764,20	343.707,04
24	7.375.736,94	343.719,00
25	7.375.706,27	343.719,46
26	7.375.688,96	343.715,75
27	7.375.667,74	343.701,16
28	7.375.629,16	343.689,99
29	7.375.601,08	343.663,77
30	7.375.589,05	343.638,97
31	7.375.586,21	343.615,36
32	7.375.587,78	343.598,39
33	7.375.569,64	343.591,01
34	7.375.556,49	343.608,67
35	7.375.529,47	343.621,62
36	7.375.487,24	343.620,10
37	7.375.455,66	343.609,82
38	7.375.395,65	343.576,99
39	7.375.382,33	343.562,91
40	7.375.366,35	343.522,54
41	7.375.248,04	343.479,87
42	7.375.185,73	343.466,41
43	7.375.111,19	343.440,12
44	7.375.088,00	343.420,86
45	7.375.123,11	343.381,75
46	7.375.123,52	343.382,58
47	7.375.127,48	343.386,79
48	7.375.127,75	343.387,41
49	7.375.128,46	343.387,79
50	7.375.130,71	343.390,23
51	7.375.135,92	343.393,91
52	7.375.143,27	343.396,88



53	7.375.163,89	343.403,87
54	7.375.196,16	343.414,81
55	7.375.202,74	343.416,87
56	7.375.221,86	343.421,65
57	7.375.226,47	343.422,94
58	7.375.250,83	343.426,64
59	7.375.290,41	343.439,57
60	7.375.295,01	343.441,00
61	7.375.309,45	343.445,66
62	7.375.327,80	343.452,39
63	7.375.335,69	343.455,31
64	7.375.382,41	343.472,74
65	7.375.383,80	343.473,54
66	7.375.416,82	343.492,00
67	7.375.423,33	343.497,95
68	7.375.428,74	343.500,06
69	7.375.434,90	343.505,24
70	7.375.436,55	343.509,45
71	7.375.433,12	343.509,79
72	7.375.427,94	343.507,65
73	7.375.424,28	343.507,25
74	7.375.423,48	343.509,61
75	7.375.423,48	343.518,54
76	7.375.425,89	343.526,48
77	7.375.430,54	343.529,93
78	7.375.432,02	343.532,25
79	7.375.428,66	343.532,62
80	7.375.427,00	343.532,49
81	7.375.427,41	343.534,98
82	7.375.429,60	343.537,10
83	7.375.439,80	343.541,56
84	7.375.456,74	343.550,38
85	7.375.460,62	343.551,86
86	7.375.476,95	343.561,80
87	7.375.483,14	343.564,85
88	7.375.491,27	343.567,80
89	7.375.498,13	343.568,91
90	7.375.504,95	343.568,94
91	7.375.518,68	343.568,59
92	7.375.520,95	343.568,25
93	7.375.525,68	343.563,56
94	7.375.530,09	343.556,40
95	7.375.530,46	343.555,03
96	7.375.533,05	343.553,02
97	7.375.534,13	343.550,28
98	7.375.536,88	343.545,59
99	7.375.538,04	343.540,65

100	7.375.538,25	343.538,86
101	7.375.537,19	343.534,53
102	7.375.533,65	343.525,79
103	7.375.527,61	343.514,99
104	7.375.522,82	343.505,40
105	7.375.520,59	343.499,55
106	7.375.519,30	343.494,71
107	7.375.521,21	343.490,10
108	7.375.523,57	343.487,88
109	7.375.525,14	343.486,61
110	7.375.528,18	343.483,36
111	7.375.534,36	343.479,80
112	7.375.536,10	343.479,16
113	7.375.539,04	343.479,74
114	7.375.541,11	343.480,96
115	7.375.544,32	343.483,41
116	7.375.572,07	343.520,63
117	7.375.582,87	343.535,99
118	7.375.590,16	343.543,19
119	7.375.594,63	343.545,38
120	7.375.599,43	343.547,65
121	7.375.610,65	343.551,02
122	7.375.622,65	343.553,82
123	7.375.630,84	343.554,38
124	7.375.640,73	343.554,99
125	7.375.642,50	343.555,49
126	7.375.645,64	343.556,05
127	7.375.647,86	343.556,67
128	7.375.648,43	343.558,01
129	7.375.648,16	343.561,54
130	7.375.645,07	343.573,31
131	7.375.644,27	343.577,56
132	7.375.641,97	343.588,68
133	7.375.639,82	343.600,55
134	7.375.638,93	343.608,55
135	7.375.639,16	343.616,04
136	7.375.639,97	343.623,08
137	7.375.640,50	343.625,87
138	7.375.641,14	343.626,53
139	7.375.642,49	343.629,61
140	7.375.647,82	343.635,83
141	7.375.654,64	343.642,36
142	7.375.657,60	343.644,14
143	7.375.659,67	343.645,13
144	7.375.661,62	343.645,82
145	7.375.677,90	343.650,63
146	7.375.691,18	343.652,23

147	7.375.693,61	343.652,74
148	7.375.695,13	343.653,25
149	7.375.697,67	343.655,81
150	7.375.707,83	343.666,10
151	7.375.709,23	343.667,21
152	7.375.713,05	343.667,54
153	7.375.718,93	343.667,32
154	7.375.724,90	343.667,10
155	7.375.727,79	343.666,15
156	7.375.753,73	343.656,07
157	7.375.757,98	343.654,31
158	7.375.769,70	343.647,61
159	7.375.771,28	343.646,81
160	7.375.773,22	343.646,21
161	7.375.787,81	343.641,91
162	7.375.789,37	343.642,18
163	7.375.793,79	343.643,13
164	7.375.795,15	343.645,11
165	7.375.799,62	343.651,42
166	7.375.803,30	343.660,64
167	7.375.811,43	343.681,46
168	7.375.814,09	343.686,94
169	7.375.815,42	343.692,42
170	7.375.822,24	343.703,73
171	7.375.825,94	343.704,86
172	7.375.835,00	343.708,08
173	7.375.837,58	343.708,37
174	7375847,547	343.708,279
175	7375854,356	343.703,346
176	7375857,201	343.701,196
177	7375861,195	343.696,035
178	7375863,018	343.690,774
179	7375863,612	343.687,617
180	7375864,935	343.683,033
181	7375866,355	343.667,246
182	7375867,049	343.660,478
183	7375867,973	343.637,313
184	7375868,512	343.625,706
185	7375872,368	343.614,149
186	7375879,381	343.592,296
187	7375882,585	343.590,103
188	7375884,703	343.588,586
189	7375886,397	343.589,241
190	7375891,571	343.591,943
191	7375891,827	343.592,164
192	7375891,965	343.592,579
193	7375893,358	343.603,082

194	7375893,366	343.604,715
195	7375893,683	343.611,522
196	7375894,115	343.615,885
197	7375892,379	343.622,471
198	7375889,742	343.638,673
199	7375889,581	343.639,305
200	7375889,334	343.639,513
201	7375888,725	343.640,599
202	7375888,366	343.643,419
203	7375886,322	343.654,777
204	7375883,671	343.663,114
205	7375878,322	343.679,015
206	7375876,321	343.689,659
207	7375874,631	343.701,556
208	7375874,48	343.705,683
209	7375875,069	343.710,322
210	7375876,966	343.728,409
211	7375878,356	343.735,651
212	7375881,117	343.750,967
213	7375883,648	343.765,190
214	7375884,511	343.769,796
215	7375886,306	343.776,795
216	7375887,675	343.779,873
217	7375896,324	343.795,313
218	7375897,96	343.798,714
219	7375898,393	343.799,497
220	7375898,409	343.799,743
221	7375898,599	343.808,041
222	7375897,193	343.811,174
223	7375890,836	343.827,362
224	7375884,982	343.841,326
225	7375883,865	343.844,970
226	7375876,691	343.862,219
227	7375874,902	343.868,151
228	7375874,978	343.871,514
229	7375875,808	343.881,430
230	7375876,776	343.886,468
231	7375878,422	343.892,377
232	7375880,068	343.897,802
233	7375881,713	343.900,515
234	7375882,955	343.901,952
235	7375884,643	343.903,980
236	7375896,726	343.915,624
237	7375897,109	343.915,873
238	7375897,658	343.916,090
239	7375920,33	343.926,636
240	7375930,021	343.931,568

241	7375963,522	343.952,771
242	7375970,204	343.956,476
243	7376006,886	343.972,344
244	7376007,067	343.968,740
245	7376005,81	343.963,450
246	7376006,123	343.963,560
247	7376006,31	343.963,632
248	7376006,572	343.963,779
249	7376055,403	343.992,322
250	7376057,901	343.993,800
251	7376063,183	343.995,166
252	7376089,757	344.001,858
253	7376090,239	344.002,002
254	7376090,38	344.002,097
255	7376099,504	344.008,414
256	7376100,566	344.009,802
257	7376110,765	344.022,388
258	7376111,688	344.023,816
259	7376122,415	344.040,012
260	7376124,549	344.043,664
261	7376125,16	344.044,301
262	7376143,326	344.075,222
263	7376151,059	344.080,616
264	7376164,599	344.089,439
265	7376164,771	344.089,552
266	7376166,97	344.091,202
267	7376192,712	344.109,963
268	7376199,885	344.116,226
269	7376204,148	344.118,799
270	7376209,052	344.120,040
271	7376230,781	344.125,103
272	7376245,484	344.125,328
273	7376252,178	344.128,466
274	7376264,269	344.135,825
275	7376266,932	344.137,879
276	7376258,922	344.151,536
277	7376251,773	344.165,345
278	7376249,892	344.169,133
279	7376243,843	344.173,490
280	7376229,146	344.187,157
0=PP	7376208,253	344.202,208

<b>Polígono 05</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000		Barramento

			UTM 22 S (MER -51)
<b>Tipo de DUP</b>	<b>Área (hectares)</b>	<b>Responsável Técnico</b>	<b>Nº ART/RRT correspondente</b>
Desapropriação	0,1532	Alberto de Andrade Pinto	20181481069
<b>Vértice</b>	<b>Coordenada N (m)</b>	<b>Coordenada E (m)</b>	
0=PP	7.376.325,61	344.169,82	
1	7.376.355,86	344.100,15	
2	7.376.316,40	344.122,01	
3	7.376.310,93	344.122,07	
4	7.376.305,68	344.124,58	
5	7.376.308,97	344.125,59	
6	7.376.311,52	344.127,88	
7	7.376.312,26	344.128,89	
8	7.376.300,09	344.137,66	
9	7.376.305,85	344.146,15	
0=PP	7.376.325,61	344.169,82	

<b>Polígono 06</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4113007	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Barramento
<b>Tipo de DUP</b>	<b>Área (hectares)</b>	<b>Responsável Técnico</b>	<b>Nº ART/RRT correspondente</b>		
Desapropriação	0,2028	Alberto de Andrade Pinto	20181481069		
<b>Vértice</b>	<b>Coordenada N (m)</b>	<b>Coordenada E (m)</b>			
0=PP	7.376.304,55	344.176,78			
1	7.376.214,10	344.210,32			
2	7.376.208,25	344.202,21			
3	7.376.229,15	344.187,16			
4	7.376.243,84	344.173,49			
5	7.376.249,89	344.169,13			
6	7.376.249,94	344.171,11			
7	7.376.251,21	344.172,87			
8	7.376.281,06	344.151,36			
9	7.376.284,59	344.155,62			
10	7.376.291,63	344.163,61			
0=PP	7.376.304,55	344.176,78			

<b>Polígono 07</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000		

			UTM 22 S (MER -51)	Canteiro de Obras
<b>Tipo de DUP</b>	<b>Área (hectares)</b>	<b>Responsável Técnico</b>	<b>Nº ART/RRT correspondente</b>	
Servidão Administrativa	0,5848	Alberto de Andrade Pinto	20181481069	
<b>Vértice</b>	<b>Coordenada N (m)</b>		<b>Coordenada E (m)</b>	
0=PP	7.376.473,28		344.150,36	
1	7.376.450,80		344.201,04	
2	7.376.341,41		344.133,43	
3	7.376.355,86		344.100,15	
0=PP	7.376.473,28		344.150,36	

<b>Polígono 08</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Outros
<b>Tipo de DUP</b>	<b>Área (hectares)</b>	<b>Responsável Técnico</b>	<b>Nº ART/RRT correspondente</b>		
Desapropriação	2,2532	Alberto de Andrade Pinto	20181481069		
<b>Vértice</b>	<b>Coordenada N (m)</b>		<b>Coordenada E (m)</b>		
0=PP	7.376.327,17		344.171,65		
1	7.376.451,81		344.248,68		
2	7.376.672,54		344.219,04		
3	7.376.715,02		344.221,83		
4	7.376.981,76		344.186,02		
5	7.377.006,13		344.196,36		
6	7.376.976,53		344.219,74		
7	7.376.969,16		344.217,56		
8	7.376.960,09		344.214,61		
9	7.376.954,18		344.213,62		
10	7.376.949,64		344.215,14		
11	7.376.932,59		344.221,78		
12	7.376.913,31		344.227,33		
13	7.376.902,16		344.228,27		
14	7.376.889,68		344.230,06		
15	7.376.868,18		344.232,16		
16	7.376.842,21		344.234,82		
17	7.376.834,92		344.235,36		
18	7.376.820,21		344.237,32		
19	7.376.802,87		344.239,13		
20	7.376.792,39		344.239,68		
21	7.376.778,23		344.241,18		
22	7.376.755,60		344.240,92		

23	7.376.744,96	344.239,96
24	7.376.731,88	344.239,24
25	7.376.718,47	344.239,96
26	7.376.710,00	344.240,83
27	7.376.701,36	344.242,22
28	7.376.692,97	344.244,97
29	7.376.682,30	344.249,42
30	7.376.669,61	344.254,82
31	7.376.657,93	344.258,58
32	7.376.649,30	344.260,76
33	7.376.642,81	344.261,72
34	7.376.635,58	344.264,31
35	7.376.623,16	344.268,62
36	7.376.610,43	344.275,64
37	7.376.602,93	344.278,95
38	7.376.589,54	344.285,06
39	7.376.551,20	344.298,53
40	7.376.540,53	344.301,19
41	7.376.524,40	344.303,17
42	7.376.505,43	344.300,65
43	7.376.491,35	344.298,69
44	7.376.475,26	344.294,98
45	7.376.465,42	344.291,71
46	7.376.454,74	344.286,84
47	7.376.442,62	344.278,62
48	7.376.424,73	344.264,07
49	7.376.408,87	344.247,29
50	7.376.397,85	344.233,90
51	7.376.392,99	344.221,84
52	7.376.384,45	344.214,55
53	7.376.375,92	344.210,78
54	7.376.358,37	344.202,16
55	7.376.342,18	344.191,36
56	7.376.337,33	344.182,03
57	7.376.332,36	344.177,75
0=PP	7.376.327,17	344.171,65

<b>Polígono 09</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Estruturas de Adução
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Desapropriação		3,901	Alberto de Andrade Pinto	20181481069	



Vértice	Coordenada N (m)	Coordenada E (m)
0=PP	7.376.341,41	344.133,43
1	7.376.450,80	344.201,04
2	7.376.472,16	344.205,59
3	7.377.090,79	344.122,53
4	7.377.164,48	344.159,08
5	7.377.140,02	344.208,39
6	7.377.070,82	344.174,06
7	7.377.026,90	344.179,96
8	7.377.006,13	344.196,36
9	7.376.981,76	344.186,02
10	7.376.715,02	344.221,83
11	7.376.672,54	344.219,04
12	7.376.451,81	344.248,68
13	7.376.327,17	344.171,65
14	7.376.325,61	344.169,82
0=PP	7.376.341,41	344.133,43

<b>Polígono 10</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Estruturas de Adução
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Desapropriação		20,0765	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.377.460,62		344.566,20	
1		7.377.714,56		344.906,83	
2		7.377.837,14		344.900,98	
3		7.378.007,58		344.864,64	
4		7.378.130,59		344.981,63	
5		7.378.249,41		344.891,94	
6		7.378.327,83		344.921,37	
7		7.378.350,50		344.984,98	
8		7.378.705,46		345.169,09	
9		7.378.706,52		345.382,98	
10		7.378.905,06		345.555,39	
11		7.379.592,36		345.466,08	
12		7.379.642,49		345.478,57	
13		7.379.636,02		345.504,49	
14		7.379.842,82		345.556,07	
15		7.379.841,87		345.557,77	
16		7.379.855,22		345.565,20	
17		7.379.851,90		345.571,16	

18	7.379.633,03	345.516,53
19	7.379.627,60	345.538,25
20	7.379.584,83	345.527,59
21	7.379.268,87	345.572,67
22	7.379.241,95	345.592,25
23	7.378.870,61	345.640,50
24	7.378.640,67	345.423,21
25	7.378.639,92	345.262,08
26	7.378.610,90	345.247,02
27	7.378.632,41	345.205,55
28	7.378.303,63	345.035,02
29	7.378.284,33	345.005,09
30	7.378.239,16	344.982,37
31	7.378.154,00	345.046,65
32	7.378.101,95	345.044,52
33	7.377.974,77	344.931,06
34	7.377.691,39	344.991,48
35	7.377.403,43	344.599,25
0=PP	7.377.460,62	344.566,20

<b>Polígono 11</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Bota-fora/Empréstimo
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Desapropriação		0,5	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.378.654,78		345.142,80	
1		7.378.680,18		345.117,02	
2		7.378.702,77		345.094,97	
3		7.378.745,29		345.117,02	
4		7.378.705,85		345.248,93	
5		7.378.705,46		345.169,09	
0=PP		7.378.654,78		345.142,80	

<b>Polígono 12</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Casa de Força
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	

Desapropriação	0,0341	Alberto de Andrade Pinto	20181481069
<b>Vértice</b>	<b>Coordenada N (m)</b>	<b>Coordenada E (m)</b>	
0=PP	7.379.841,87	345.557,77	
1	7.379.849,55	345.544,00	
2	7.379.862,21	345.551,05	
3	7.379.859,72	345.555,54	
4	7.379.868,97	345.560,69	
5	7.379.863,79	345.569,98	
0=PP	7.379.841,87	345.557,77	

<b>Polígono 13</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Subestação
<b>Tipo de DUP</b>		<b>Área (hectares)</b>	<b>Responsável Técnico</b>	<b>Nº ART/RRT correspondente</b>	
Desapropriação		0,0071	Alberto de Andrade Pinto	20181481069	
<b>Vértice</b>		<b>Coordenada N (m)</b>	<b>Coordenada E (m)</b>		
0=PP		7.379.880,58	345.569,35		
1		7.379.875,42	345.578,59		
2		7.379.869,55	345.575,32		
3		7.379.874,70	345.566,07		
0=PP		7.379.880,58	345.569,35		

<b>Polígono 14</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Canteiro de Obras
<b>Tipo de DUP</b>		<b>Área (hectares)</b>	<b>Responsável Técnico</b>	<b>Nº ART/RRT correspondente</b>	
Servidão Administrativa		0,3478	Alberto de Andrade Pinto	20181481069	
<b>Vértice</b>		<b>Coordenada N (m)</b>	<b>Coordenada E (m)</b>		
0=PP		7.379.869,55	345.575,32		
1		7.379.875,42	345.578,59		
2		7.379.876,47	345.581,24		
3		7.379.935,81	345.626,16		
4		7.379.946,75	345.654,46		
5		7.379.940,90	345.660,52		
6		7.379.912,20	345.650,63		
7		7.379.849,82	345.610,73		

0=PP	7.379.869,55	345.575,32
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<b>Polígono 15</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Outros
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Desapropriação		0,3092	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.379.633,03		345.516,53	
1		7.379.730,87		345.540,95	
2		7.379.682,42		345.574,92	
3		7.379.661,00		345.571,64	
4		7.379.629,50		345.530,64	
0=PP		7.379.633,03		345.516,53	

<b>Polígono 16</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Outros
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Desapropriação		0,2411	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.379.747,06		345.544,99	
1		7.379.851,90		345.571,16	
2		7.379.867,14		345.579,66	
3		7.379.849,82		345.610,73	
0=PP		7.379.747,06		345.544,99	

<b>Polígono 17</b>
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UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Acesso
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Servidão Administrativa		2,0691	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.379.156,51		345.603,35	
1		7.379.144,90		345.642,13	
2		7.379.182,53		345.653,01	
3		7.379.274,61		345.584,85	
4		7.379.587,87		345.544,14	
5		7.379.621,00		345.552,40	
6		7.379.656,81		345.599,01	
7		7.379.678,23		345.602,29	
8		7.379.736,09		345.561,72	
9		7.379.903,43		345.668,76	
10		7.379.965,62		345.690,20	
11		7.379.977,32		345.678,07	
12		7.379.952,41		345.613,65	
13		7.379.897,85		345.572,35	
14		7.379.890,25		345.569,86	
15		7.379.868,97		345.560,69	
16		7.379.863,79		345.569,98	
17		7.379.855,22		345.565,20	
18		7.379.851,90		345.571,16	
19		7.379.867,14		345.579,66	
20		7.379.874,70		345.566,07	
21		7.379.880,58		345.569,35	
22		7.379.875,42		345.578,59	
23		7.379.876,47		345.581,24	
24		7.379.935,81		345.626,16	
25		7.379.946,75		345.654,46	
26		7.379.940,90		345.660,52	
27		7.379.912,20		345.650,63	
28		7.379.747,06		345.544,99	
29		7.379.730,87		345.540,95	
30		7.379.682,42		345.574,92	
31		7.379.661,00		345.571,64	
32		7.379.629,50		345.530,64	
33		7.379.627,60		345.538,25	
34		7.379.584,83		345.527,59	
35		7.379.268,87		345.572,67	
36		7.379.241,95		345.592,25	
0=PP		7.379.156,51		345.603,35	

<b>Polígono 18</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Acesso
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Servidão Administrativa		1,5359	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.379.181,97		345.519,40	
1		7.379.195,03		345.517,71	
2		7.379.196,67		345.512,29	
3		7.379.220,10		345.435,27	
4		7.379.270,90		345.268,24	
5		7.379.317,30		345.115,69	
6		7.379.327,15		345.083,29	
7		7.379.384,63		344.894,29	
8		7.379.465,50		344.628,40	
9		7.379.466,39		344.625,48	
10		7.379.504,63		344.499,75	
11		7.379.566,85		344.295,19	
12		7.379.555,04		344.292,76	
13		7.379.493,15		344.496,26	
14		7.379.454,91		344.621,99	
15		7.379.454,02		344.624,91	
16		7.379.373,15		344.890,80	
17		7.379.315,67		345.079,80	
18		7.379.305,82		345.112,20	
19		7.379.259,42		345.264,75	
20		7.379.208,62		345.431,77	
21		7.379.185,19		345.508,80	
0=PP		7.379.181,97		345.519,40	

<b>Polígono 19</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Acesso

Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Servidão Administrativa	1,5185	Alberto de Andrade Pinto	20181481069
Vértice	Coordenada N (m)	Coordenada E (m)	
0=PP	7.379.816,90	345.549,61	
1	7.379.830,41	345.511,72	
2	7.379.832,62	345.505,47	
3	7.379.835,72	345.499,15	
4	7.379.841,97	345.490,25	
5	7.379.847,66	345.482,66	
6	7.379.853,75	345.475,16	
7	7.379.857,86	345.471,02	
8	7.379.861,10	345.466,99	
9	7.379.863,76	345.462,25	
10	7.379.866,39	345.456,82	
11	7.379.867,08	345.455,64	
12	7.379.872,73	345.441,94	
13	7.379.875,40	345.425,95	
14	7.379.875,03	345.416,20	
15	7.379.871,57	345.407,37	
16	7.379.866,55	345.398,98	
17	7.379.859,86	345.393,00	
18	7.379.854,00	345.389,94	
19	7.379.843,24	345.387,27	
20	7.379.822,33	345.382,29	
21	7.379.814,40	345.376,64	
22	7.379.810,78	345.370,03	
23	7.379.810,49	345.359,24	
24	7.379.815,99	345.347,70	
25	7.379.823,68	345.327,78	
26	7.379.826,88	345.311,38	
27	7.379.827,30	345.305,28	
28	7.379.826,08	345.302,10	
29	7.379.822,31	345.292,99	
30	7.379.820,15	345.283,23	
31	7.379.839,10	345.217,96	
32	7.380.066,74	344.433,99	
33	7.380.078,29	344.437,27	
34	7.379.850,63	345.221,30	
35	7.379.832,53	345.283,63	
36	7.379.833,80	345.289,37	
37	7.379.837,23	345.297,66	
38	7.379.839,45	345.303,46	
39	7.379.838,80	345.312,95	
40	7.379.835,25	345.331,11	
41	7.379.827,02	345.352,44	
42	7.379.822,56	345.361,80	

43	7.379.822,70	345.366,81
44	7.379.823,61	345.368,46
45	7.379.827,39	345.371,16
46	7.379.846,07	345.375,61
47	7.379.858,28	345.378,64
48	7.379.866,74	345.383,06
49	7.379.875,90	345.391,25
50	7.379.882,37	345.402,06
51	7.379.886,94	345.413,71
52	7.379.887,43	345.426,72
53	7.379.884,37	345.445,08
54	7.379.881,13	345.454,78
55	7.379.877,80	345.462,72
56	7.379.872,38	345.472,73
57	7.379.868,18	345.478,85
58	7.379.863,63	345.484,36
59	7.379.860,11	345.488,68
60	7.379.857,04	345.493,11
61	7.379.854,27	345.497,82
62	7.379.849,37	345.507,12
63	7.379.847,91	345.510,15
64	7.379.847,07	345.512,39
65	7.379.846,60	345.514,59
66	7.379.846,47	345.516,83
67	7.379.846,67	345.519,07
68	7.379.847,21	345.521,25
69	7.379.848,14	345.523,50
70	7.379.848,25	345.523,72
71	7.379.849,60	345.527,99
72	7.379.854,37	345.535,35
73	7.379.842,82	345.556,07
0=PP	7.379.816,90	345.549,61

<b>Polígono 20</b>					
UF	Código Município	Empreendimento	Sistema de Referência	Fuso	Destinação
PR	4105508	PCH Cianorte	SIRGAS2000	UTM 22 S (MER -51)	Estruturas de Adução
Tipo de DUP		Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente	
Desapropriação		0,4455	Alberto de Andrade Pinto	20181481069	
Vértice		Coordenada N (m)		Coordenada E (m)	
0=PP		7.379.854,37		345.535,35	



1	7.379.863,59	345.535,58
2	7.379.897,65	345.543,87
3	7.379.930,87	345.554,73
4	7.379.958,03	345.560,64
5	7.379.985,08	345.560,18
6	7.380.021,44	345.556,98
7	7.380.020,69	345.567,98
8	7.380.021,88	345.578,34
9	7.380.022,53	345.583,99
10	7.379.986,49	345.587,16
11	7.379.955,36	345.587,69
12	7.379.923,79	345.580,82
13	7.379.890,25	345.569,86
14	7.379.868,97	345.560,69
15	7.379.859,72	345.555,54
16	7.379.862,21	345.551,05
17	7.379.849,55	345.544,00
0=PP	7.379.854,37	345.535,35