

AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL

RESOLUÇÃO AUTORIZATIVA Nº 9.141, DE 11 DE AGOSTO DE 2020

Altera o Anexo da Resolução Autorizativa nº 7.180, de 24 de julho de 2018, que trata da declaração de utilidade pública, em favor da EDP Transmissão SP-MG S.A., das áreas de terra necessárias à passagem das Linhas de Transmissão 500 kV Estreito – Cachoeira Paulista, C1 e C2, localizadas nos estados de Minas Gerais e São Paulo.

[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 a deliberação da Diretoria, tendo em vista o disposto no art. 5º, incisos XXII, XXIII e LIV, e art. 170, incisos II e III, da Constituição da República Federativa do Brasil de 1988, no Decreto-Lei nº 3.365, de 21 de junho de 1941, alterado pela Lei nº 2.786, de 21 de maio de 1956, no art. 151, alínea “c”, do Decreto nº 24.643, de 10 de julho de 1934, regulamentado pelo Decreto nº 35.851, de 16 de julho de 1954, art. 29, incisos VIII e IX, da Lei nº 8.987, de 13 de fevereiro de 1995, no art. 3º-A da Lei nº 9.427, de 26 de dezembro de 1996, 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, art. 75-A do Decreto nº 5.163, de 30 de julho de 2004, com redação dada pelo Decreto nº 10.272, de 12 de março de 2020, no art. 21 do Decreto 89.817, de 20 junho de 1984, com redação dada pelo Decreto nº 5.334, de 6 de janeiro de 2005, na Resolução Normativa nº 740, de 11 de outubro de 2016, e o que consta do Processo nº 48500.002643/2018-11, resolve:

Art. 1º Alterar as áreas de terra descritas no Anexo da Resolução Autorizativa nº [7.180](#), de 24 de julho de 2018, que trata da declaração de utilidade pública, para instituição de servidão administrativa, em favor da EDP Transmissão SP-MG S.A., outorgada conforme o Contrato de Concessão do Serviço Público de Transmissão de Energia Elétrica nº [036/2017-ANEEL](#), para as áreas de terra descritas nos Anexos desta Resolução.

Parágrafo único. As áreas de terra de que trata o caput estão descritas nos Anexos I e II e se encontram detalhadas no Processo nº 48500.002643/2018-11, que está disponível na ANEEL.

Art. 2º Esta Resolução entra em vigor na data de sua publicação.

ANDRÉ PEPITONE DA NÓBREGA

ANEXO I

A área de terra de que trata a tabela a seguir caracteriza-se por meio do polígono formado pelas coordenadas dos vértices na sequência do caminhamento, no Sistema de Coordenadas UTM, referido ao Sistema Geodésico de Referência SIRGAS 2000 e ao fuso UTM constante na tabela.

Linha de Transmissão 500 kV Estreito – Cachoeira Paulista, C1			
V01	272.689,221	7.758.118,686	Fuso UTM
V02	272.656,573	7.758.071,954	23S
V03	272.507,077	7.757.749,204	23S
V04	274.038,470	7.755.402,709	23S
V05	278.395,004	7.753.353,901	23S
V06	279.801,541	7.753.319,065	23S
V07	282.009,791	7.752.187,035	23S
V08	283.075,824	7.750.936,506	23S
V09	284.205,184	7.750.101,033	23S
V10	285.120,563	7.749.009,471	23S
V11	286.760,617	7.748.012,767	23S
V12	287.908,362	7.746.429,459	23S
V13	289.120,844	7.743.895,896	23S
V14	289.268,270	7.742.755,638	23S
V15	289.897,987	7.742.268,149	23S
V16	290.577,318	7.740.847,343	23S
V17	296.381,955	7.731.013,590	23S
V18	298.546,111	7.727.219,448	23S
V19	300.117,958	7.726.246,805	23S
V20	302.677,707	7.720.727,284	23S
V21	307.923,239	7.718.033,433	23S
V22	313.182,244	7.715.626,369	23S
V23	319.464,233	7.711.926,195	23S
V24	321.296,389	7.708.800,395	23S
V25	321.656,564	7.707.776,756	23S
V26	323.096,746	7.704.579,852	23S
V27	327.905,834	7.700.007,367	23S
V28	329.705,229	7.695.855,141	23S
V29	331.664,364	7.691.456,140	23S
V30	332.698,545	7.687.711,635	23S
V31	334.748,739	7.685.834,919	23S
V32	335.693,699	7.684.737,667	23S
V33	337.662,030	7.682.764,529	23S
V34	340.597,908	7.677.671,607	23S
V35	340.753,530	7.676.061,799	23S
V36	341.365,736	7.672.765,191	23S

V37	344.201,701	7.666.900,804	23S
V38	348.265,197	7.665.470,490	23S
V39	349.602,486	7.663.929,868	23S
V40	349.637,224	7.660.868,953	23S
V41	349.235,991	7.658.383,990	23S
V42	350.453,327	7.655.264,272	23S
V43	350.846,853	7.654.496,247	23S
V44	351.188,999	7.652.246,452	23S
V45	351.897,203	7.650.831,607	23S
V46	351.828,348	7.649.701,500	23S
V47	353.269,623	7.646.569,445	23S
V48	353.933,765	7.644.663,012	23S
V49	354.612,310	7.644.276,732	23S
V50	355.525,668	7.641.134,835	23S
V51	356.667,189	7.639.936,822	23S
V52	358.782,674	7.636.963,425	23S
V53	360.216,852	7.634.685,984	23S
V54	361.941,796	7.631.461,530	23S
V55	362.777,068	7.628.325,242	23S
V56	365.101,404	7.622.581,563	23S
V57	366.035,027	7.621.538,366	23S
V58	367.412,050	7.619.676,432	23S
V59	368.082,731	7.619.089,407	23S
V60	369.823,267	7.615.300,079	23S
V61	373.348,296	7.608.304,737	23S
V62	375.263,704	7.604.435,058	23S
V63	377.041,921	7.601.770,585	23S
V64	377.254,481	7.601.117,651	23S
V65	376.791,816	7.600.499,611	23S
V66	376.758,762	7.600.321,765	23S
V67	378.283,350	7.597.825,657	23S
V68	379.237,494	7.595.933,837	23S
V69	379.911,278	7.595.001,249	23S
V70	381.252,113	7.592.477,170	23S
V71	381.589,110	7.589.798,207	23S
V72	383.361,371	7.586.106,467	23S
V73	385.960,180	7.583.273,351	23S
V74	387.506,286	7.579.880,541	23S
V75	388.449,185	7.576.967,932	23S
V76	391.003,098	7.573.984,941	23S
V77	392.590,299	7.568.773,792	23S
V78	397.291,627	7.561.040,450	23S
V79	398.146,561	7.559.910,924	23S
V80	398.920,584	7.558.786,899	23S
V81	400.374,075	7.558.099,301	23S

V82	401.273,473	7.557.134,289	23S
V83	401.940,017	7.556.857,959	23S
V84	403.014,621	7.556.855,654	23S
V85	404.646,270	7.555.405,151	23S
V86	405.328,769	7.554.166,451	23S
V87	406.281,341	7.553.676,760	23S
V88	408.242,491	7.551.894,160	23S
V89	409.975,296	7.551.269,479	23S
V90	413.134,408	7.548.340,311	23S
V91	413.723,149	7.547.680,083	23S
V92	414.354,069	7.546.317,913	23S
V93	415.514,009	7.544.392,698	23S
V94	417.627,038	7.543.162,409	23S
V95	419.341,342	7.541.203,566	23S
V96	423.208,334	7.538.287,184	23S
V97	424.417,667	7.536.850,144	23S
V98	429.363,775	7.535.054,142	23S
V99	430.883,653	7.532.691,742	23S
V100	434.486,936	7.530.047,967	23S
V101	437.675,884	7.525.517,495	23S
V102	439.790,723	7.523.301,532	23S
V103	440.197,532	7.522.668,881	23S
V104	442.111,961	7.520.732,710	23S
V105	443.423,609	7.519.078,480	23S
V106	444.161,362	7.518.457,012	23S
V107	445.250,312	7.517.949,385	23S
V108	445.388,005	7.516.925,716	23S
V109	445.796,518	7.516.407,552	23S
V110	446.124,296	7.515.479,590	23S
V111	447.580,395	7.514.618,026	23S
V112	450.287,628	7.514.305,723	23S
V113	451.808,518	7.512.878,959	23S
V114	451.974,174	7.512.075,854	23S
V115	452.797,462	7.511.228,367	23S
V116	455.707,105	7.510.332,793	23S
V117	458.586,101	7.508.945,258	23S
V118	459.350,653	7.508.213,054	23S
V119	460.443,523	7.506.620,879	23S
V120	460.950,914	7.506.223,105	23S
V121	462.176,556	7.505.694,640	23S
V122	463.018,563	7.504.601,771	23S
V123	467.734,086	7.500.909,841	23S
V124	470.578,888	7.499.599,071	23S
V125	470.838,581	7.499.480,944	23S
V126	472.847,133	7.498.320,236	23S

V127	473.416,825	7.497.959,695	23S
V128	474.000,113	7.497.418,589	23S
V129	477.793,631	7.497.224,348	23S
V130	479.239,865	7.497.396,729	23S
V131	481.330,082	7.497.464,815	23S
V132	483.509,871	7.497.005,420	23S
V133	483.822,412	7.496.980,836	23S
V134	493.236,905	7.497.693,221	23S
V135	493.723,113	7.497.679,574	23S
V136	495.733,278	7.497.538,398	23S
V137	495.988,858	7.497.513,810	23S
V138	496.087,736	7.497.509,382	23S
V139	496.084,156	7.497.429,462	23S
V140	495.983,234	7.497.433,982	23S
V141	495.726,644	7.497.458,666	23S
V142	493.719,187	7.497.599,652	23S
V143	493.238,805	7.497.613,137	23S
V144	483.822,292	7.496.900,598	23S
V145	483.498,437	7.496.926,072	23S
V146	481.323,034	7.497.384,543	23S
V147	479.245,913	7.497.316,883	23S
V148	477.796,339	7.497.144,104	23S
V149	473.967,005	7.497.340,179	23S
V150	473.367,817	7.497.896,035	23S
V151	472.805,711	7.498.251,776	23S
V152	470.801,919	7.499.409,734	23S
V153	470.545,586	7.499.526,331	23S
V154	467.692,124	7.500.841,091	23S
V155	462.961,327	7.504.544,979	23S
V156	462.125,840	7.505.629,388	23S
V157	460.909,718	7.506.153,749	23S
V158	460.384,509	7.506.565,489	23S
V159	459.289,363	7.508.160,982	23S
V160	458.539,935	7.508.878,702	23S
V161	455.677,805	7.510.258,107	23S
V162	452.754,352	7.511.157,933	23S
V163	451.900,536	7.512.036,844	23S
V164	451.735,290	7.512.837,963	23S
V165	450.252,184	7.514.229,281	23S
V166	447.554,311	7.514.540,504	23S
V167	446.058,544	7.515.425,540	23S
V168	445.725,496	7.516.368,422	23S
V169	445.311,635	7.516.893,368	23S
V170	445.176,858	7.517.895,361	23S
V171	444.117,940	7.518.388,988	23S

V172	443.365,919	7.519.022,476	23S
V173	442.051,995	7.520.679,576	23S
V174	440.134,766	7.522.618,579	23S
V175	439.727,569	7.523.251,832	23S
V176	437.613,896	7.525.466,573	23S
V177	434.429,054	7.529.991,213	23S
V178	430.824,387	7.532.636,002	23S
V179	429.311,099	7.534.988,158	23S
V180	424.370,241	7.536.782,254	23S
V181	423.152,946	7.538.228,756	23S
V182	419.286,578	7.541.144,666	23S
V183	417.575,464	7.543.099,865	23S
V184	415.456,055	7.544.333,868	23S
V185	414.283,303	7.546.280,349	23S
V186	413.655,543	7.547.635,695	23S
V187	413.077,228	7.548.284,231	23S
V188	409.932,844	7.551.199,743	23S
V189	408.200,427	7.551.824,284	23S
V190	406.235,359	7.553.610,446	23S
V191	405.270,481	7.554.106,463	23S
V192	404.582,838	7.555.354,499	23S
V193	402.984,129	7.556.775,720	23S
V194	401.924,009	7.556.777,993	23S
V195	401.226,791	7.557.067,039	23S
V196	400.326,005	7.558.033,541	23S
V197	398.866,908	7.558.723,791	23S
V198	398.081,689	7.559.864,074	23S
V199	397.225,383	7.560.995,414	23S
V200	392.516,705	7.568.740,844	23S
V201	390.931,444	7.573.945,623	23S
V202	388.378,005	7.576.928,064	23S
V203	387.431,588	7.579.851,539	23S
V204	385.892,646	7.583.228,627	23S
V205	383.294,391	7.586.061,139	23S
V206	381.511,360	7.589.775,313	23S
V207	381.174,571	7.592.452,612	23S
V208	379.843,210	7.594.958,859	23S
V209	379.168,926	7.595.892,137	23S
V210	378.213,384	7.597.786,731	23S
V211	376.674,506	7.600.306,235	23S
V212	376.716,576	7.600.532,597	23S
V213	377.165,559	7.601.132,361	23S
V214	376.969,261	7.601.735,343	23S
V215	375.194,296	7.604.394,942	23S
V216	373.276,726	7.608.268,991	23S

V217	369.751,173	7.615.265,371	23S
V218	368.017,171	7.619.040,473	23S
V219	367.352,864	7.619.621,920	23S
V220	365.972,925	7.621.487,796	23S
V221	365.032,482	7.622.538,613	23S
V222	362.701,044	7.628.299,844	23S
V223	361.866,878	7.631.431,976	23S
V224	360.147,648	7.634.645,750	23S
V225	358.716,180	7.636.918,885	23S
V226	356.605,323	7.639.885,780	23S
V227	355.454,294	7.641.093,771	23S
V228	354.544,544	7.644.223,254	23S
V229	353.868,095	7.644.608,342	23S
V230	353.195,341	7.646.539,495	23S
V231	351.747,274	7.649.686,310	23S
V232	351.816,043	7.650.815,019	23S
V233	351.111,807	7.652.221,938	23S
V234	350.769,719	7.654.471,351	23S
V235	350.380,277	7.655.231,406	23S
V236	349.153,539	7.658.375,220	23S
V237	349.557,152	7.660.874,919	23S
V238	349.522,824	7.663.899,600	23S
V239	348.218,663	7.665.402,058	23S
V240	344.144,035	7.666.836,290	23S
V241	341.289,042	7.672.740,029	23S
V242	340.674,238	7.676.050,625	23S
V243	340.519,946	7.677.646,663	23S
V244	337.597,970	7.682.715,471	23S
V245	335.634,993	7.684.683,241	23S
V246	334.691,219	7.685.779,115	23S
V247	332.627,557	7.687.668,161	23S
V248	331.588,846	7.691.429,066	23S
V249	329.631,985	7.695.822,961	23S
V250	327.838,906	7.699.960,613	23S
V251	323.030,250	7.704.532,686	23S
V252	321.582,228	7.707.746,996	23S
V253	321.223,479	7.708.766,581	23S
V254	319.405,725	7.711.867,811	23S
V255	313.145,198	7.715.555,343	23S
V256	307.888,301	7.717.961,443	23S
V257	302.616,701	7.720.668,682	23S
V258	300.055,472	7.726.191,393	23S
V259	298.486,705	7.727.162,130	23S
V260	296.312,759	7.730.973,436	23S
V261	290.506,650	7.740.809,683	23S

V262	289.834,003	7.742.216,511	23S
V263	289.193,168	7.742.712,608	23S
V264	289.043,148	7.743.872,924	23S
V265	287.839,332	7.746.388,379	23S
V266	286.705,301	7.747.952,769	23S
V267	285.067,741	7.748.947,957	23S
V268	284.149,980	7.750.042,361	23S
V269	283.020,884	7.750.877,638	23S
V270	281.959,193	7.752.123,075	23S
V271	279.781,301	7.753.239,541	23S
V272	278.376,194	7.753.274,343	23S
V273	273.983,882	7.755.339,975	23S
V274	272.415,855	7.757.742,604	23S
V275	272.586,949	7.758.111,982	23S
V276	272.623,639	7.758.164,502	23S
V01	272.689,221	7.758.118,686	23S

ANEXO II

A área de terra de que trata a tabela a seguir caracteriza-se por meio do polígono formado pelas coordenadas dos vértices na sequência do caminhamento, no Sistema de Coordenadas UTM, referido ao Sistema Geodésico de Referência SIRGAS 2000 e ao fuso UTM constante na tabela.

Linha de Transmissão 500 kV Estreito – Cachoeira Paulista, C2			
Vértice	Este (m)	Norte (m)	Fuso UTM
V01	272.586,330	7.758.121,217	23S
V02	272.528,172	7.757.993,873	23S
V03	272.414,391	7.757.744,721	23S
V04	273.975,633	7.755.330,170	23S
V05	278.375,841	7.753.274,327	23S
V06	279.894,446	7.753.129,273	23S
V07	281.648,485	7.752.245,960	23S
V08	282.113,485	7.751.542,940	23S
V09	284.149,997	7.750.042,326	23S
V10	285.067,765	7.748.947,919	23S
V11	286.701,282	7.747.959,155	23S
V12	287.839,261	7.746.388,470	23S
V13	289.042,342	7.743.872,947	23S
V14	289.193,180	7.742.713,713	23S
V15	289.900,999	7.741.048,615	23S
V16	290.734,007	7.740.420,810	23S
V17	296.312,756	7.730.973,421	23S
V18	298.487,104	7.727.161,878	23S
V19	300.057,092	7.726.190,307	23S

V20	302.616,702	7.720.668,707	23S
V21	307.888,300	7.717.961,443	23S
V22	313.145,199	7.715.555,327	23S
V23	319.405,747	7.711.867,796	23S
V24	321.181,461	7.708.838,282	23S
V25	321.540,752	7.707.837,958	23S
V26	323.030,152	7.704.532,645	23S
V27	327.838,906	7.699.960,613	23S
V28	329.632,936	7.695.820,724	23S
V29	331.591,423	7.691.423,290	23S
V30	332.563,455	7.687.659,679	23S
V31	337.680,493	7.682.572,320	23S
V32	340.519,727	7.677.647,038	23S
V33	340.674,302	7.676.046,461	23S
V34	340.792,522	7.673.554,882	23S
V35	341.430,224	7.672.448,100	23S
V36	344.144,045	7.666.836,270	23S
V37	348.218,708	7.665.402,073	23S
V38	349.522,851	7.663.899,587	23S
V39	349.557,181	7.660.874,904	23S
V40	349.153,676	7.658.375,952	23S
V41	350.380,265	7.655.231,430	23S
V42	350.769,591	7.654.472,420	23S
V43	351.112,412	7.652.221,605	23S
V44	351.816,652	7.650.814,660	23S
V45	351.747,379	7.649.687,769	23S
V46	353.195,346	7.646.539,476	23S
V47	353.872,411	7.644.601,211	23S
V48	354.686,670	7.643.734,343	23S
V49	355.454,286	7.641.093,788	23S
V50	356.604,224	7.639.887,352	23S
V51	358.716,193	7.636.918,956	23S
V52	360.147,683	7.634.645,696	23S
V53	361.866,824	7.631.432,084	23S
V54	362.701,043	7.628.299,840	23S
V55	365.032,535	7.622.538,543	23S
V56	365.977,625	7.621.482,563	23S
V57	366.124,292	7.621.020,318	23S
V58	367.354,146	7.619.620,814	23S
V59	368.017,172	7.619.040,473	23S
V60	369.751,137	7.615.265,464	23S
V61	373.279,893	7.608.262,706	23S
V62	373.482,541	7.606.389,858	23S
V63	373.977,800	7.605.886,580	23S
V64	375.650,231	7.603.523,694	23S

V65	376.821,723	7.601.098,589	23S
V66	376.674,114	7.600.304,075	23S
V67	378.212,677	7.597.788,166	23S
V68	379.169,245	7.595.891,450	23S
V69	379.813,366	7.594.900,506	23S
V70	381.182,540	7.592.389,321	23S
V71	381.511,347	7.589.775,342	23S
V72	383.287,500	7.586.068,663	23S
V73	385.892,655	7.583.228,625	23S
V74	387.431,934	7.579.850,826	23S
V75	388.378,008	7.576.928,067	23S
V76	390.931,439	7.573.945,618	23S
V77	392.516,617	7.568.740,984	23S
V78	397.225,392	7.560.995,428	23S
V79	398.081,425	7.559.864,415	23S
V80	398.866,918	7.558.723,794	23S
V81	400.326,001	7.558.033,549	23S
V82	401.226,798	7.557.067,024	23S
V83	401.923,507	7.556.777,840	23S
V84	402.984,126	7.556.775,723	23S
V85	404.579,339	7.555.357,615	23S
V86	404.976,898	7.553.982,315	23S
V87	407.355,848	7.552.081,186	23S
V88	410.638,763	7.550.545,192	23S
V89	413.074,444	7.548.286,776	23S
V90	415.455,947	7.544.334,024	23S
V91	417.575,488	7.543.099,841	23S
V92	419.286,582	7.541.144,670	23S
V93	422.809,397	7.538.487,847	23S
V94	424.369,393	7.536.782,570	23S
V95	429.311,097	7.534.988,171	23S
V96	430.824,416	7.532.636,012	23S
V97	434.427,659	7.529.992,177	23S
V98	437.613,983	7.525.466,472	23S
V99	439.727,567	7.523.251,850	23S
V100	440.134,773	7.522.618,561	23S
V101	442.051,982	7.520.679,568	23S
V102	443.369,441	7.519.018,090	23S
V103	444.117,940	7.518.388,972	23S
V104	445.176,883	7.517.895,400	23S
V105	445.311,643	7.516.893,365	23S
V106	445.726,040	7.516.367,717	23S
V107	446.004,501	7.515.457,264	23S
V108	447.554,145	7.514.540,622	23S
V109	450.252,149	7.514.229,265	23S

V110	451.735,289	7.512.837,765	23S
V111	451.900,439	7.512.037,127	23S
V112	452.754,102	7.511.158,005	23S
V113	455.673,606	7.510.259,400	23S
V114	457.725,400	7.508.650,576	23S
V115	459.071,798	7.508.199,559	23S
V116	460.265,184	7.506.659,077	23S
V117	460.909,770	7.506.153,664	23S
V118	462.128,194	7.505.625,832	23S
V119	462.961,322	7.504.544,899	23S
V120	467.678,493	7.500.847,363	23S
V121	470.810,884	7.499.404,092	23S
V122	472.569,692	7.498.378,088	23S
V123	473.269,053	7.497.955,198	23S
V124	473.964,878	7.497.340,286	23S
V125	477.793,855	7.497.144,251	23S
V126	479.247,985	7.497.316,923	23S
V127	481.323,055	7.497.384,550	23S
V128	483.576,854	7.496.909,882	23S
V129	483.863,241	7.496.898,804	23S
V130	493.238,819	7.497.613,123	23S
V131	493.719,153	7.497.599,651	23S
V132	495.725,364	7.497.458,754	23S
V133	495.985,207	7.497.463,884	23S
V134	496.081,994	7.497.477,088	23S
V135	496.092,808	7.497.397,822	23S
V136	495.991,425	7.497.383,992	23S
V137	495.723,348	7.497.378,698	23S
V138	493.715,227	7.497.519,729	23S
V139	493.240,741	7.497.533,037	23S
V140	483.864,739	7.496.818,686	23S
V141	483.566,994	7.496.830,204	23S
V142	481.316,013	7.497.304,278	23S
V143	479.254,015	7.497.237,077	23S
V144	477.796,545	7.497.064,009	23S
V145	473.932,858	7.497.261,820	23S
V146	473.221,483	7.497.890,474	23S
V147	472.528,836	7.498.309,304	23S
V148	470.773,904	7.499.333,048	23S
V149	467.636,511	7.500.778,623	23S
V150	462.904,078	7.504.488,121	23S
V151	462.077,440	7.505.560,634	23S
V152	460.868,516	7.506.084,352	23S
V153	460.208,016	7.506.602,243	23S
V154	459.023,402	7.508.131,401	23S

V155	457.686,900	7.508.579,104	23S
V156	455.635,906	7.510.187,300	23S
V157	452.710,984	7.511.087,573	23S
V158	451.826,799	7.511.998,125	23S
V159	451.662,061	7.512.796,771	23S
V160	450.216,701	7.514.152,825	23S
V161	447.528,065	7.514.463,100	23S
V162	445.937,073	7.515.404,202	23S
V163	445.653,926	7.516.329,971	23S
V164	445.235,273	7.516.861,019	23S
V165	445.103,429	7.517.841,374	23S
V166	444.074,560	7.518.320,928	23S
V167	443.311,779	7.518.962,050	23S
V168	441.992,018	7.520.626,432	23S
V169	440.072,007	7.522.568,259	23S
V170	439.664,413	7.523.202,150	23S
V171	437.551,997	7.525.415,548	23S
V172	434.369,781	7.529.935,421	23S
V173	430.765,150	7.532.580,272	23S
V174	429.258,423	7.534.922,187	23S
V175	424.323,625	7.536.714,078	23S
V176	422.755,343	7.538.428,413	23S
V177	419.231,818	7.541.085,770	23S
V178	417.523,912	7.543.037,299	23S
V179	415.397,993	7.544.275,196	23S
V180	413.011,756	7.548.235,804	23S
V181	410.593,537	7.550.478,028	23S
V182	407.313,332	7.552.012,754	23S
V183	404.907,102	7.553.935,685	23S
V184	404.508,907	7.555.313,187	23S
V185	402.953,640	7.556.695,783	23S
V186	401.907,487	7.556.697,872	23S
V187	401.180,104	7.556.999,788	23S
V188	400.277,931	7.557.967,789	23S
V189	398.813,242	7.558.660,686	23S
V190	398.016,555	7.559.817,565	23S
V191	397.159,148	7.560.950,392	23S
V192	392.443,023	7.568.708,036	23S
V193	390.859,785	7.573.906,302	23S
V194	388.306,826	7.576.888,199	23S
V195	387.357,234	7.579.821,826	23S
V196	385.825,121	7.583.183,901	23S
V197	383.220,500	7.586.023,357	23S
V198	381.433,593	7.589.752,478	23S
V199	381.105,054	7.592.364,317	23S

V200	379.744,606	7.594.859,498	23S
V201	379.099,785	7.595.851,520	23S
V202	378.142,721	7.597.749,220	23S
V203	376.589,854	7.600.288,517	23S
V204	376.738,277	7.601.087,411	23S
V205	375.581,089	7.603.482,906	23S
V206	373.916,240	7.605.835,080	23S
V207	373.405,999	7.606.353,582	23S
V208	373.201,919	7.608.239,668	23S
V209	369.679,043	7.615.230,756	23S
V210	367.951,612	7.618.991,539	23S
V211	367.297,512	7.619.564,068	23S
V212	366.053,116	7.620.980,120	23S
V213	365.906,563	7.621.442,003	23S
V214	364.963,613	7.622.495,593	23S
V215	362.625,019	7.628.274,442	23S
V216	361.791,906	7.631.402,530	23S
V217	360.078,477	7.634.605,464	23S
V218	358.649,699	7.636.874,418	23S
V219	356.542,362	7.639.836,304	23S
V220	355.382,914	7.641.052,718	23S
V221	354.615,212	7.643.693,569	23S
V222	353.802,483	7.644.558,809	23S
V223	353.121,076	7.646.509,504	23S
V224	351.666,297	7.649.672,609	23S
V225	351.735,482	7.650.798,092	23S
V226	351.035,224	7.652.197,083	23S
V227	350.692,465	7.654.447,498	23S
V228	350.307,219	7.655.198,552	23S
V229	349.071,224	7.658.367,186	23S
V230	349.477,109	7.660.880,870	23S
V231	349.443,189	7.663.869,321	23S
V232	348.172,172	7.665.333,641	23S
V233	344.086,379	7.666.771,756	23S
V234	341.359,462	7.672.410,668	23S
V235	340.713,530	7.673.531,734	23S
V236	340.594,484	7.676.040,717	23S
V237	340.441,763	7.677.622,098	23S
V238	337.616,517	7.682.523,116	23S
V239	332.491,485	7.687.618,421	23S
V240	331.515,631	7.691.396,832	23S
V241	329.559,692	7.695.788,544	23S
V242	327.771,978	7.699.913,859	23S
V243	322.963,660	7.704.485,477	23S
V244	321.466,524	7.707.807,958	23S

V245	321.108,683	7.708.804,242	23S
V246	319.347,239	7.711.809,412	23S
V247	313.108,153	7.715.484,301	23S
V248	307.853,362	7.717.889,453	23S
V249	302.555,688	7.720.610,107	23S
V250	299.994,598	7.726.134,901	23S
V251	298.427,700	7.727.104,560	23S
V252	296.243,564	7.730.933,259	23S
V253	290.673,187	7.740.366,472	23S
V254	289.835,751	7.740.997,613	23S
V255	289.115,264	7.742.692,511	23S
V256	288.964,660	7.743.849,955	23S
V257	287.770,221	7.746.347,408	23S
V258	286.646,000	7.747.899,103	23S
V259	285.014,991	7.748.886,349	23S
V260	284.094,843	7.749.983,594	23S
V261	282.054,595	7.751.486,960	23S
V262	281.593,499	7.752.184,078	23S
V263	279.871,882	7.753.051,065	23S
V264	278.354,489	7.753.196,003	23S
V265	273.920,937	7.755.267,424	23S
V266	272.323,413	7.757.738,087	23S
V267	272.455,402	7.758.027,107	23S
V268	272.513,560	7.758.154,451	23S
V01	272.586,330	7.758.121,217	23S