ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
E1	311246,880	7579239,058	E64	326347,802	7577920,276	E127	331361,517	7575669,356	E190	332637,708	7570332,718
E2	314236,555	7578873,969	E65	325919,177	7577880,589	E128	331712,372	7574972,098	E191	332535,843	7570763,990
E3	313675,324	7578098,641	E66	325839,801	7577952,688	E129	332108,190	7574364,613	E192	332621,171	7570887,021
E4	313408,623	7577593,815	E67	325880,812	7578202,720	E130	332338,907	7573576,153	E193	332619,187	7571098,027
E5	312909,113	7577553,239	E68	326351,771	7578292,017	E131	332627,833	7573742,312	E194	332685,994	7571162,188
E6	312875,592	7577120,910	E69	326285,625	7578739,164	E132	332815,158	7573964,563	E195	332756,770	7571569,647
E7	314099,830	7576852,932	E70	326407,995	7579255,102	E133	333201,925	7574247,354	E196	332891,047	7571825,632
E8	314538,132	7577580,321	E71	326622,013	7579209,581	E134	333379,957	7574449,159	E197	332702,531	7571813,726
E9	314759,588	7577772,409	E72	326511,844	7578729,242	E135	333420,475	7574732,786	E198	332629,770	7571895,747
E10	314908,020	7577707,321	E73	326617,269	7578044,331	E136	333632,672	7574703,153	E199	332766,031	7572379,274
E11	314859,601	7577319,177	E74	326585,928	7577914,985	E137	333583,671	7574361,734	E200	332646,307	7572623,353
E12	314537,981	7576737,481	E75	326634,876	7577882,573	E138	333360,543	7574099,584	E201	332723,697	7572698,759
E13	315909,761	7576351,279	E76	326708,298	7577908,370	E139	332904,447	7573683,994	E202	332818,948	7572723,233
E14	316575,391	7576311,486	E77	326787,012	7577862,068	E140	332943,420	7573618,504	E203	332918,167	7572578,373
E15	316926,380	7576119,752	E78	326879,771	7577660,131	E141	332909,243	7573551,870	E204	333112,534	7573068,086
E16	317932,214	7576167,443	E79	327097,236	7577729,379	E142	333443,630	7573087,830	E205	332653,233	7573472,437
E17	318342,583	7576126,962	E80	327390,311	7577886,529	E143	333188,111	7572428,144	E206	332535,757	7573352,845
E18	319044,493	7575960,984	E81	327483,445	7577873,300	E144	333427,824	7572328,131	E207	332591,849	7573277,703
E19	319369,698	7576248,406	E82	327592,453	7577623,004	E145	332963,807	7571501,517	E208	332545,282	7573157,053
E20	319839,599	7576535,744	E83	327428,940	7577540,983	E146	332979,021	7571076,198	E209	332398,174	7573124,244
E21	320274,575	7576605,594	E84	327355,386	7577620,358	E147	333090,146	7570975,657	E210	332309,274	7573035,344
E22	320470,631	7576592,100	E85	327132,690	7577499,191	E148	333090,808	7570855,271	E211	332181,215	7573069,211
E23	320643,294	7576897,929	E86	327113,640	7577405,529	E149	332841,437	7570625,745	E212	331883,100	7572606,868
E24	320392,743	7577360,678	E87	327028,444	7577367,958	E150	332900,440	7570352,694	E213	331704,677	7572762,255
E25	319826,899	7577612,865	E88	327206,774	7577064,215	E151	332879,008	7569967,724	E214	331942,031	7573130,594
E26	319395,132	7577828,513	E89	327170,261	7576957,853	E152	332759,681	7569916,792	E215	331912,398	7573311,570
E27	319572,787	7578155,586	E90	326948,563	7576896,806	E153	332483,191	7569486,182	E216	331797,039	7573361,311
E28	320277,170	7578043,135	E91	327000,398	7576628,446	E154	332251,680	7569390,270	E217	331610,137	7573540,799
E29	320781,057	7578262,950	E92	326959,146	7576457,597	E155	332242,419	7569074,092	E218	331800,214	7573741,254
E30	321021,539	7578057,138	E93	327222,649	7576313,326	E156	332417,706	7569011,254	E219	331879,706	7573701,195
E31	320946,664	7577626,149	E94	327491,731	7576690,358	E157	332406,461	7568855,149	E220	332046,786	7573759,806
E32	321623,436	7577436,731	E95	327671,118	7576595,902	E158	332337,008	7568739,394	E221	331901,815	7574256,663
E33	321681,102	7577782,728	E96	327378,995	7576005,811	E159	332585,055	7568255,867	E222	331516,580	7574842,981
E34	321943,040	7577974,815	E97	327924,822	7575623,856	E160	333354,995	7567772,340	E223	331192,730	7575490,682
E35	322333,782	7577996,456	E98	328037,038	7575620,117	E161	333390,052	7567627,480	E224	330728,121	7575400,724
E36	323408,105	7577753,973	E99	328218,278	7575371,408	E162	333496,547	7567634,756	E225	330427,553	7575252,557
E37	323720,986	7577636,334	E100	328666,748	7575264,251	E163	333650,006	7567617,558	E226	330286,795	7575231,390
E38	324076,950	7577950,569	E101	328715,696	7575415,064	E164	334042,119	7567727,890	E227	330015,861	7575032,423
E39	324258,484	7577898,510	E102	328890,321	7575458,720	E165	334596,157	7567780,277	E228	329894,152	7574991,148
E40	324387,679	7578259,127	E103	329000,123	7575268,220	E166	334641,401	7567688,996	E229	329713,540	7574679,195
E41	324091,960	7579226,792	E104	329250,155	7575141,220	E167	334630,289	7567581,046	E230	329547,754	7574613,433
E42	324339,611	7579328,392	E105	329473,728	7575254,991	E168	334376,288	7567526,277	E231	329911,086	7573891,537
E43	324550,220	7578652,116	E106	329645,708	7575231,178	E169	334067,519	7567504,845	E232	330377,811	7573734,904
E44	324593,611	7578344,140	E107	330026,709	7575465,335	E170	333651,990	7567386,047	E233	330459,303	7573646,004
E45	324720,612	7578322,973	E108	330334,949	7575478,564	E171	333472,734	7567420,443	E234	330800,087	7573476,670
E46	324834,912	7578788,641	E109	330636,575	7575613,502	E172	333244,531	7567401,261	E235	331050,885	7573442,984
E47	325052,929	7578724,082	E110	330903,804	7575672,240	E173	333164,494	7567629,464	E236	331232,145	7573322,513
E48	324823,027	7577815,409	E111	330743,731	7575952,169	E174	332591,670	7567987,976	E237	331174,738	7573193,036
E49	324524,820	7577883,764	E112	330730,766	7576043,715	E175	332575,795	7567897,356	E238	330998,788	7573134,254
E50	324500,696	7577796,627	E113	330647,422	7576241,360	E176	332477,899	7567858,330	E239	330452,396	7573388,274
E51	324697,328	7577324,963	E114	330598,553	7576597,809	E177	332373,388	7567892,725	E240	330423,660	7573321,959
E52	325172,482	7577132,929	E115	330551,272	7577149,969	E178	332360,159	7568211,549	E241	329778,751	7573526,980
E53	325607,497	7577110,121	E116	330587,082	7577536,205	E179	332200,086	7568532,357	E242	329049,600	7573252,303
E54	325675,230	7577262,521	E117	330440,154	7577988,182	E180	332121,372	7568552,862	E243	328931,067	7573330,620
E55	325850,539	7577343,953	E118	330595,730	7578613,791	E181	332078,377	7568624,961	E244	328769,142	7573270,294
E56	325780,452	7577468,162	E119	330804,751	7578570,928	E182	332100,867	7568704,998	E245	328594,516	7573263,945
E57	325946,296	7577591,663	E120	330661,020	7577993,229	E183	332008,263	7568968,259	E246	328409,002	7573121,273
E58	326130,447	7577326,550	E121	330803,071	7577566,637	E184	331996,161	7569625,936	E247	328068,522	7572594,900
E59	326341,849	7577542,583	E122	330766,537	7577148,932	E185	332303,935	7569713,062	E248	327909,684	7572241,602
E60	326187,068	7577629,896	E123	330858,626	7576298,882	E186	332333,039	7570109,277	E249	327917,240	7572146,812
E61	326173,177	7577734,406	E124	330942,172	7576118,678	E187	332462,024	7570152,272	E250	328219,417	7571786,478
E62	326242,630	7577803,860	E125	330970,479	7576019,109	E188	332558,597	7570069,589	E251	328328,690	7571744,145
E63	326347,802	7577809,813	E126	331124,467	7575751,615	E189	332642,470	7570188,387	E252	328327,896	7571609,207

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
E253	328294,378	7571594,121	E316	327105,500	7573196,894	E379	327375,966	7560513,303	E442	328821,228	7551946,871
E254	328330,295	7571060,284	E317	327098,869	7573260,445	E380	327090,909	7560589,207	E443	328661,520	7551770,584
E255	328111,617	7571050,362	E318	326824,216	7573251,603	E381	327062,915	7560328,318	E444	328840,570	7551688,244
E256	328081,009	7571619,178	E319	326832,506	7573031,659	E382	327137,803	7559894,147	E445	328731,151	7551479,906
E257	327734,783	7572034,852	E320	326477,137	7572883,340	E383	327292,537	7559811,807	E446	328463,683	7551518,589
E258	327694,169	7572132,219	E321	326385,435	7572976,949	E384	327315,748	7559585,232	E447	328465,340	7551585,456
E259	327694,566	7572283,429	E322	326100,283	7572909,529	E385	327195,908	7559502,270	E448	328112,768	7551783,846
E260	327873,933	7572688,880	E323	326088,126	7572794,584	E386	327214,066	7559386,841	E449	327812,142	7551810,924
E261	328107,994	7573055,351	E324	326462,540	7572313,380	E387	327273,749	7559364,184	E450	327786,169	7551491,509
E262	327995,444	7573253,430	E325	326590,558	7572314,265	E388	327284,249	7559153,083	E451	328071,856	7551437,319
E263	328303,595	7573454,183	E326	326676,958	7572197,882	E389	327184,225	7559137,056	E452	328070,770	7551205,252
E264	328206,646	7573633,197	E327	326622,801	7572121,068	E390	327234,514	7558524,753	E453	327838,116	7551201,384
E265	328413,766	7573756,520	E328	326721,168	7571996,176	E391	327127,859	7558156,154	E454	327747,487	7550729,998
E266	328632,615	7573535,268	E329	326758,193	7572209,487	E392	327150,440	7558030,945	E455	327919,353	7550666,447
E267	328691,193	7573562,899	E330	326975,528	7572520,640	E393	327437,880	7557934,554	E456	328007,219	7550843,838
E268	328679,386	7573677,467	E331	327180,580	7572435,973	E394	327324,041	7557609,060	E457	328211,136	7550773,656
E269	328856,465	7573715,413	E332	327096,958	7572208,590	E395	327415,223	7557600,771	E458	328170,243	7550399,531
E270	328935,451	7573570,636	E333	326980,884	7572137,164	E396	327402,849	7557403,344	E459	327732,567	7550461,424
E271	329095,159	7573635,293	E334	326835,427	7571498,413	E397	327310,427	7557391,617	E460	327839,646	7550025,175
E272	329074,652	7573735,968	E335	326552,620	7571227,480	E398	327643,457	7556783,445	E461	328024,075	7549978,521
E273	329289,678	7573815,021	E336	326412,574	7570467,582	E399	327693,746	7556296,033	E462	327985,116	7549772,859
E274	329319,718	7573756,522	E337	326178,993	7570012,091	E400	327782,166	7556288,297	E463	327855,803	7549796,069
E275	329646,999	7573895,656	E338	326059,888	7569073,639	E401	327837,428	7555908,094	E464	327838,672	7549644,651
E276	329178,453	7574847,532	E339	325990,321	7569027,261	E402	327693,195	7555795,359	E465	328270,269	7549524,180
E277	329077,911	7574928,230	E340	326011,649	7568800,327	E403	327420,201	7555335,578	E466	328206,372	7549313,064
E278	328737,921	7574842,240	E341	326177,014	7568800,327	E404	327458,416	7555129,783	E467	327864,093	7549410,892
E279	328514,347	7574981,147	E342	326191,566	7568591,305	E405	327694,954	7555272,658	E468	327793,357	7549265,000
E280	328159,569	7575100,842	E343	326027,524	7568559,555	E406	327885,454	7555267,896	E469	327872,996	7549126,532
E281	327391,189	7575691,554	E344	326085,732	7568349,211	E407	327944,192	7555426,646	E470	327779,069	7549032,605
E282	327065,751	7575802,680	E345	326216,701	7568404,774	E408	328526,113	7555515,902	E471	327787,006	7548258,697
E283	326848,792	7575547,356	E346	326326,503	7568293,648	E409	329049,446	7555819,468	E472	327843,892	7548080,103
E284	326688,719	7575708,752	E347	326279,630	7568209,616	E410	329371,505	7555532,314	E473	327849,184	7547933,259
E285	326916,261	7575997,149	E348	326379,420	7568043,617	E411	329541,160	7555156,532	E474	328092,601	7547290,320
E286	326703,836	7576146,122	E349	326358,655	7567960,384	E412	329461,583	7554995,167	E475	328111,122	7547123,632
E287	326625,219	7576092,399	E350	326628,284	7567555,025	E413	329595,870	7554882,433	E476	328171,711	7546927,840
E288	326504,833	7576161,191	E351	327404,768	7567061,272	E414	329493,083	7554737,093	E477	328313,528	7546776,498
E289	326508,802	7576282,899	E352	327888,312	7566646,254	E415	329598,081	7554645,358	E478	328437,353	7546514,031
E290	326090,759	7576547,483	E353	328175,945	7566503,739	E416	329479,268	7554485,098	E479	328500,854	7546446,297
E291	326010,061	7576444,295	E354	328400,040	7566048,320	E417	329273,140	7554614,411	E480	328569,645	7546235,689
E292	326141,030	7576368,889	E355	328262,991	7565808,482	E418	329049,328	7554411,046	E481	328750,621	7546157,372
E293	326138,120	7576201,937	E356	327992,610	7565945,283	E419	328575,128	7554369,629	E482	328853,279	7545798,596
E294	325886,500	7576058,268	E357	327945,757	7565782,748	E420	328545,088	7554581,492	E483	329207,822	7545712,871
E295	325766,644	7576092,399	E358	328060,851	7565754,966	E421	328959,804	7554637,068	E484	329492,514	7545626,088
E296	325172,653	7574790,646	E359	328108,476	7565646,487	E422	329298,147	7555151,964	E485	329788,848	7545491,679
E297	325134,047	7574571,432	E360	328044,153	7565552,065	E423	329068,419	7555405,229	E486	330048,140	7545466,279
E298	325790,260	7574617,127	E361	328507,663	7565035,791	E424	328069,531	7554851,483	E487	330243,932	7545360,445
E299	326124,595	7574825,466	E362	328640,289	7565037,944	E425	327777,747	7555049,321	E488	330514,866	7545324,462
E300	326253,909	7574398,843	E363	328714,484	7564857,422	E426	327521,331	7554792,905	E489	331005,338	7545176,176
E301	325889,732	7574307,660	E364	328493,988	7564790,555	E427	327598,906	7554676,003	E490	331340,831	7545133,842
E302	325870,943	7574370,658	E365	328476,799	7564219,800	E428	327628,667	7554506,056	E491	331393,747	7545029,067
E303	325157,311	7574265,411	E366	328780,247	7564230,750	E429	327554,064	7554481,740	E492	331339,772	7544913,709
E304	325992,522	7573137,761	E367	328928,901	7564544,086	E430	327590,537	7554215,377	E493	330976,763	7544947,575
E305	326152,229	7573190,813	E368	329139,450	7564466,720	E431	327733,366	7553826,566	E494	330441,841	7545106,974
E306	326233,651	7573444,618	E369	328908,455	7564005,834	E432	327786,573	7553832,383	E495	330185,724	7545143,486
E307	326479,725	7573525,178	E370	328448,675	7563702,997	E433	327890,611	7553787,097	E496	329971,940	7545248,262
E308	327120,054	7573502,937	E371	328340,361	7563841,704	E434	327994,504	7553641,205	E497	329744,398	7545266,253
E309	327117,468	7573571,105	E372	327424,710	7563820,633	E435	327778,429	7553421,261	E498	329384,564	7545421,829
E310	327315,101	7573588,497	E373	327268,711	7563595,067	E436	327813,798	7552925,008	E499	329214,172	7545467,337
E311	327328,206	7573540,624	E374	327315,090	7562983,721	E437	327825,384	7552028,813	E500	329010,971	7545244,028
E312	327570,806	7573556,651	E375	327156,860	7562341,444	E438	327944,546	7552015,136	E501	328882,913	7545277,895
E313	327585,175	7573337,260	E376	327232,877	7561752,596	E439	327998,928	7552125,366	E502	328842,696	7545381,612
E314	327307,207	7573300,787	E377	327085,312	7561179,196	E440	328381,894	7551896,582	E503	328956,996	7545536,129
E315	327312,733	7573210,709	E378	327516,680	7560657,180	E441	328668,704	7552135,314	E504	328734,746	7545586,929

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SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
E505	328671,246	7545621,854	E568	327207,576	7564115,765	E631	322279,892	7572361,639	E694	319593,736	7570822,423
E506	328566,470	7545955,230	E569	328229,121	7564086,956	E632	322013,985	7572441,014	E695	319871,705	7570753,346
E507	328372,795	7546100,222	E570	328243,651	7564987,840	E633	321840,682	7572291,524	E696	319850,152	7570825,186
E508	328299,770	7546327,764	E571	327813,711	7565457,014	E634	322003,401	7572205,534	E697	319949,071	7570869,949
E509	328232,036	7546391,264	E572	327751,264	7565419,988	E635	321969,006	7572065,305	E698	319914,256	7571047,893
E510	327638,310	7546220,872	E573	327551,631	7565716,245	E636	321867,141	7572026,940	E699	320111,542	7571107,576
E511	327640,427	7546046,247	E574	327710,753	7565795,517	E637	321685,901	7572097,055	E700	320147,462	7570982,684
E512	327607,618	7545923,480	E575	327789,947	7566055,503	E638	321618,432	7571980,638	E701	320705,608	7571589,463
E513	327311,285	7545871,621	E576	327754,579	7566363,312	E639	321495,400	7571960,794	E702	320456,376	7571870,194
E514	327216,034	7545919,246	E577	327661,185	7566495,941	E640	320697,680	7571181,594	E703	319946,307	7571487,779
E515	327215,656	7546019,694	E578	327379,901	7566451,731	E641	320767,795	7571155,136	E704	319794,336	7571671,801
E516	327264,869	7546085,840	E579	327261,640	7566527,993	E642	320789,607	7571200,418	E705	320075,620	7571905,008
E517	327410,768	7546117,155	E580	327046,671	7566425,757	E643	320943,743	7571151,167	E706	319966,201	7572009,453
E518	327406,535	7546321,414	E581	326953,830	7566767,829	E644	320944,341	7571098,183	E707	320108,224	7572173,029
E519	327447,810	7546395,497	E582	327105,801	7566810,934	E645	321199,100	7571018,606	E708	320278,431	7572008,901
E520	328126,203	7546612,456	E583	327163,826	7566782,751	E646	321225,073	7571172,235	E709	320370,719	7572076,874
E521	327984,386	7546808,248	E584	327203,615	7566855,144	E647	321151,021	7571195,997	E710	320620,223	7572591,161
E522	327893,369	7547053,782	E585	326704,045	7567177,874	E648	321199,652	7571422,019	E711	320814,957	7572493,794
E523	327867,969	7547247,457	E586	326599,599	7567086,691	E649	321579,855	7571376,152	E712	320739,815	7572315,993
E524	327620,318	7547872,405	E587	326433,260	7567235,899	E650	321552,777	7571155,657	E713	320878,457	7572277,893
E525	327603,121	7548082,749	E588	326490,403	7567322,553	E651	321441,148	7571162,840	E714	320830,500	7572068,585
E526	327552,849	7548222,978	E589	325962,701	7568105,794	E652	321410,754	7570979,923	E715	320633,767	7572118,321
E527	327551,527	7548675,417	E590	325870,096	7568120,346	E653	321562,724	7570978,265	E716	320596,189	7572045,927
E528	327548,881	7549223,105	E591	325811,888	7568298,940	E654	321877,724	7571643,293	E717	320882,999	7571714,355
E529	327613,704	7549540,606	E592	325696,794	7568328,044	E655	322086,745	7571533,491	E718	321465,729	7572263,267
E530	327601,798	7550006,273	E593	325684,623	7568760,904	E656	321811,404	7570994,292	E719	321014,507	7572230,494
E531	327513,162	7550235,138	E594	325765,586	7568819,641	E657	321984,927	7571005,897	E720	320990,641	7572445,110
E532	327439,125	7550780,286	E595	325744,139	7569092,151	E658	321993,083	7570777,222	E721	321363,175	7572481,094
E533	327578,385	7551137,279	E596	325781,717	7569252,964	E659	321376,492	7570751,138	E722	321430,908	7572574,227
E534	327510,964	7551641,269	E597	325733,836	7569284,780	E660	321368,203	7570627,903	E723	321556,850	7572559,411
E535	327572,304	7551950,737	E598	325756,060	7569408,605	E661	321538,963	7570605,799	E724	321644,692	7572432,410
E536	327493,358	7553107,101	E599	325840,198	7569451,467	E662	321520,726	7570478,696	E725	321709,250	7572491,677
E537	327549,645	7553404,682	E600	325933,050	7570067,371	E663	321837,378	7570436,697	E726	321694,434	7572776,369
E538	327371,148	7553384,235	E601	326187,128	7570519,923	E664	321801,259	7570214,981	E727	321808,734	7572855,745
E539	327347,938	7553591,468	E602	326266,243	7570922,903	E665	321205,946	7570295,680	E728	321911,392	7572786,953
E540	327562,907	7553630,704	E603	325865,705	7571331,872	E666	321105,404	7570512,638	E729	321932,559	7572679,003
E541	327489,408	7553862,805	E604	326017,487	7571494,195	E667	321163,732	7570805,847	E730	322245,826	7572946,761
E542	327365,068	7553838,489	E605	326316,650	7571230,795	E668	320929,421	7570874,924	E731	322480,777	7573106,570
E543	327315,885	7554026,933	E606	326341,518	7571370,608	E669	320894,054	7570484,221	E732	322841,669	7573872,805
E544	327396,567	7554061,196	E607	326600,144	7571593,867	E670	320677,427	7570519,036	E733	323021,586	7573960,647
E545	327285,362	7554800,641	E608	326629,986	7571754,128	E671	320717,214	7570938,475	E734	323034,286	7574044,255
E546	327224,021	7554791,246	E609	326295,754	7572065,488	E672	320507,218	7571003,131	E735	322801,452	7574124,689
E547	327182,021	7554975,821	E610	325875,367	7572705,059	E673	320336,459	7570828,503	E736	322786,636	7574231,581
E548	327257,178	7554992,400	E611	325848,400	7572917,516	E674	320406,642	7570744,505	E737	322849,078	7574322,597
E549	327192,521	7555385,866	E612	325466,077	7573384,507	E675	320231,461	7570579,823	E738	323193,037	7574276,031
E550	327513,040	7555927,435	E613	325152,545	7573819,747	E676	320158,515	7570649,453	E739	324116,963	7574405,148
E551	327420,198	7556566,817	E614	324969,982	7573813,132	E677	320104,358	7570600,823	E740	324527,598	7574542,731
E552	326954,890	7557653,822	E615	324727,888	7574114,758	E678	320238,093	7570379,222	E741	324910,715	7574611,523
E553	326886,916	7558269,994	E616	324582,157	7574025,731	E679	320062,360	7570251,014	E742	324942,833	7574847,957
E554	326945,918	7558709,304	E617	324495,054	7574072,425	E680	319947,967	7570444,431	E743	325725,633	7576608,867
E555	326935,917	7559823,559	E618	324456,689	7574223,237	E681	319688,788	7570190,224	E744	325626,150	7576844,611
E556	326762,512	7560434,249	E619	324309,845	7574163,706	E682	319536,817	7570346,616	E745	325136,140	7576907,053
E557	326576,558	7560725,732	E620	324231,793	7573986,435	E683	319757,313	7570559,928	E746	324762,548	7577056,278
E558	326783,019	7560930,310	E621	324232,432	7573742,480	E684	319158,824	7570668,793	E747	324663,423	7577027,044
E559	326719,467	7561093,334	E622	324002,541	7573749,111	E685	319229,007	7570524,007	E748	324476,688	7577065,479
E560	326834,449	7561204,492	E623	324009,621	7574167,374	E686	319036,695	7570423,982	E749	324491,240	7576812,801
E561	326944,069	7561841,135	E624	323306,279	7574059,072	E687	318878,645	7570764,949	E750	324282,219	7576804,863
E562	326866,069	7562184,754	E625	323229,020	7573802,955	E688	319104,667	7570892,605	E751	324182,242	7577213,403
E563	327058,879	7563118,281	E626	323017,353	7573702,413	E689	319324,610	7570888,737	E752	323357,079	7577407,645
E564	326897,688	7563046,963	E627	322658,577	7572939,353	E690	319595,393	7571371,728	E753	322638,963	7577688,241
E565	326811,256	7563280,961	E628	322225,652	7572624,900	E691	319783,284	7571269,493	E754	322358,126	7577561,607
E566	326962,616	7563401,079	E629	322361,913	7572562,722	E692	319603,683	7570939,026	E755	322109,820	7577292,263
E567	326928,354	7563529,287	E630	322367,204	7572438,368	E693	319634,630	7570920,789	E756	321907,361	7577176,764

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
E757	321639,258	7577096,736	E820	316726,510	7573693,612	E883	313507,457	7567829,523	E946	306625,685	7556893,421
E758	321142,319	7576759,669	E821	316905,512	7574031,042	E884	313462,142	7567736,683	E947	306631,764	7556641,426
E759	320645,040	7576342,672	E822	316682,805	7574210,090	E885	313285,303	7567693,026	E948	306556,608	7556260,670
E760	320897,232	7576188,813	E823	316646,885	7574039,883	E886	313167,043	7567538,844	E949	306141,038	7555711,365
E761	321374,805	7576134,573	E824	316160,066	7573147,795	E887	312918,916	7567432,740	E950	305815,546	7555068,113
E762	321360,253	7575916,291	E825	316770,106	7572338,436	E888	312887,970	7567213,350	E951	305186,664	7554499,465
E763	320829,763	7575955,979	E826	317068,800	7572079,927	E889	312943,232	7567175,772	E952	305454,686	7554335,890
E764	320529,681	7576127,830	E827	317198,563	7572440,464	E890	312912,838	7567022,696	E953	305344,162	7554145,788
E765	320318,967	7576375,321	E828	317562,355	7572776,089	E891	312863,655	7567028,222	E954	305175,613	7554197,734
E766	319929,904	7576325,992	E829	317749,045	7572910,339	E892	312829,945	7566855,804	E955	305183,902	7554248,575
E767	319553,600	7576086,742	E830	318112,213	7573084,594	E893	312644,265	7566673,439	E956	305038,562	7554325,942
E768	319200,462	7575697,727	E831	318213,813	7572896,210	E894	312475,163	7566328,603	E957	304975,011	7554228,128
E769	319317,875	7575369,869	E832	317823,922	7572697,667	E895	312499,479	7566244,605	E958	305096,588	7554037,474
E770	319570,288	7575274,619	E833	317678,560	7572593,024	E896	312408,297	7565865,507	E959	305221,481	7553992,712
E771	319921,127	7575295,256	E834	317377,289	7572312,723	E897	311846,283	7565058,679	E960	305446,950	7554087,211
E772	320084,030	7575154,572	E835	317209,770	7571806,918	E898	312002,122	7564987,391	E961	305531,371	7553874,820
E773	320290,158	7575167,282	E836	317086,019	7571785,191	E899	311799,311	7564582,872	E962	305304,428	7553793,032
E774	320337,683	7575391,647	E837	316612,414	7572182,331	E900	311882,757	7564541,979	E963	305308,849	7553762,085
E775	320568,126	7575364,569	E838	316528,038	7572292,438	E901	311797,654	7564347,456	E964	305577,792	7553644,930
E776	320521,153	7575175,020	E839	316462,554	7572242,193	E902	311530,185	7564467,374	E965	305773,051	7553411,356
E777	320850,515	7575221,993	E840	316348,651	7572361,851	E903	311243,376	7563909,779	E966	305606,529	7553269,148
E778	320910,751	7575394,963	E841	316392,968	7572468,016	E904	311230,789	7563263,716	E967	305436,321	7553471,038
E779	321104,168	7575349,649	E842	315980,450	7573001,139	E905	310933,358	7562811,721	E968	305013,289	7553638,021
E780	321090,353	7575208,730	E843	315846,150	7572891,482	E906	310863,727	7562816,694	E969	304282,173	7553150,056
E781	321240,342	7575192,069	E844	315222,785	7571739,320	E907	310867,597	7562182,285	E970	304272,226	7552994,217
E782	321634,042	7574977,756	E845	315335,520	7571716,110	E908	310548,735	7561863,975	E971	304093,730	7552746,642
E783	321975,100	7574730,715	E846	315557,120	7571996,842	E909	310607,313	7561805,950	E972	304443,539	7552431,096
E784	322472,458	7574952,870	E847	315756,064	7571697,874	E910	310516,684	7561678,847	E973	304302,069	7552190,153
E785	322569,720	7574751,716	E848	315649,961	7571549,771	E911	310464,185	7561696,531	E974	304092,073	7552323,334
E786	322148,071	7574551,113	E849	315382,493	7571476,825	E912	310324,578	7561102,659	E975	304120,256	7552407,885
E787	322141,992	7574502,483	E850	315507,938	7571394,485	E913	310062,431	7560867,046	E976	303862,056	7552582,429
E788	322044,731	7574400,248	E851	315515,122	7571227,593	E914	309843,593	7560894,124	E977	303504,084	7552671,484
E789	321141,916	7574969,818	E852	315215,602	7571153,541	E915	309854,093	7560826,704	E978	303503,531	7552872,086
E790	319651,328	7574897,602	E853	315219,470	7571051,859	E916	309993,906	7560841,626	E979	303758,841	7552875,402
E791	319623,697	7575039,626	E854	315346,021	7571006,544	E917	310043,089	7560647,656	E980	303890,365	7552835,061
E792	319233,547	7575084,387	E855	315275,838	7570798,206	E918	309944,529	7560611,315	E981	304046,204	7553053,346
E793	318812,275	7575743,813	E856	315131,604	7570854,021	E919	309950,879	7560482,198	E982	304031,836	7553134,029
E794	318419,137	7575866,851	E857	315217,254	7570678,534	E920	309766,729	7560467,381	E983	304104,229	7553339,604
E795	318233,611	7575633,394	E858	315177,742	7570535,306	E921	309705,345	7560583,798	E984	304669,256	7553714,143
E796	318503,473	7575507,354	E859	315493,019	7570365,504	E922	309530,720	7560576,390	E985	304808,956	7553923,693
E797	318395,929	7575015,262	E860	315622,885	7570510,844	E923	309626,966	7560391,791	E986	304330,588	7554080,327
E798	318181,512	7575067,208	E861	315810,222	7571071,755	E924	309441,838	7560283,477	E987	303872,405	7554070,726
E799	318245,063	7575372,255	E862	316022,429	7570997,151	E925	309484,391	7560106,639	E988	303895,190	7553939,105
E800	318038,382	7575471,727	E863	315817,960	7570402,531	E926	309072,961	7559777,278	E989	303683,537	7553890,474
E801	317446,525	7575369,491	E864	315687,542	7570258,296	E927	309110,263	7559721,187	E990	303659,221	7554009,287
E802	317407,841	7575727,589	E865	315758,830	7570189,771	E928	309036,765	7559600,163	E991	303429,331	7554093,285
E803	317061,533	7575781,078	E866	315644,438	7570032,274	E929	308985,371	7559616,742	E992	303437,067	7554162,916
E804	316792,223	7574664,898	E867	315543,861	7570092,510	E930	308916,293	7559478,586	E993	303110,468	7554314,886
E805	317086,465	7574749,941	E868	315184,658	7569699,043	E931	308989,240	7559394,588	E994	303023,707	7554259,623
E806	317134,951	7574537,024	E869	315002,293	7569892,460	E932	308827,875	7559210,012	E995	302829,184	7554355,226
E807	316771,491	7574435,362	E870	315332,207	7570203,586	E933	308754,376	7559240,959	E996	302691,581	7554623,800
E808	317078,403	7574164,169	E871	315022,739	7570366,056	E934	308762,113	7558978,464	E997	302552,321	7554602,800
E809	317443,521	7574616,931	E872	314928,241	7570135,613	E935	308513,434	7558938,675	E998	302407,533	7554969,740
E810	317354,982	7574894,083	E873	314851,782	7569450,884	E936	308385,779	7558799,414	E999	302464,453	7555039,370
E811	317562,102	7574943,096	E874	315088,304	7569268,234	E937	308352,622	7558682,811	E1000	302453,400	7555059,265
E812	317631,042	7574706,888	E875	315247,054	7569195,209	E938	308203,414	7558568,418	E1001	302357,851	7555052,937
E813	317813,492	7574691,707	E876	315265,310	7569076,940	E939	308177,994	7558355,107	E1002	302177,934	7555244,496
E814	317788,196	7574484,587	E877	315169,266	7568999,946	E940	307996,735	7558208,109	E1003	302269,377	7555372,600
E815	317617,813	7574502,170	E878	314978,766	7569068,209	E941	308055,313	7558132,400	E1004	302077,065	7555579,280
E816	317083,034	7573654,193	E879	314766,041	7569225,372	E942	307757,451	7557441,623	E1005	302287,613	7555840,670
E817	317257,486	7573192,678	E880	314111,469	7568914,872	E943	307598,728	7557310,367	E1006	302458,925	7555664,384
E818	317061,434	7573129,435	E881	314009,235	7568499,301	E944	307466,220	7557339,941	E1007	302661,738	7555192,999
E819	316868,394	7573636,333	E882	313479,273	7567891,417	E945	307083,254	7557077,998	E1008	302835,261	7555168,132

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
E1009	302892,734	7555028,319	E1072	308941,712	7560800,455	E1135	314908,082	7570919,801	E1198	309089,157	7576532,449
E1010	302845,209	7554992,951	E1073	309101,419	7560748,509	E1136	314884,672	7571160,341	E1199	309007,902	7576570,749
E1011	302980,601	7554675,194	E1074	309135,129	7560808,745	E1137	314964,507	7571385,157	E1200	308880,902	7576339,238
E1012	302954,628	7554597,827	E1075	309535,779	7560829,745	E1138	314749,742	7571460,245	E1201	308664,745	7576428,555
E1013	302983,365	7554540,907	E1076	309545,173	7560925,349	E1139	315784,372	7573326,969	E1202	308794,426	7576684,972
E1014	303132,572	7554533,724	E1077	309314,177	7561301,683	E1140	315360,306	7573669,297	E1203	308742,111	7576724,760
E1015	303214,913	7554623,248	E1078	309449,016	7561526,600	E1141	315493,921	7573829,370	E1204	308522,391	7576594,561
E1016	303465,803	7554497,804	E1079	309622,539	7561428,234	E1142	315930,594	7573513,832	E1205	308591,077	7575859,948
E1017	303492,882	7554382,859	E1080	309591,593	7561319,368	E1143	316093,159	7573750,861	E1206	308119,456	7575429,999
E1018	303702,325	7554270,677	E1081	309713,722	7561088,372	E1144	316195,947	7573707,205	E1207	307863,921	7575240,690
E1019	303875,848	7554376,228	E1082	309818,834	7561116,690	E1145	316244,577	7573794,519	E1208	307861,937	7575042,913
E1020	303870,322	7554439,227	E1083	309981,195	7561093,068	E1146	316181,026	7573848,123	E1209	308003,886	7574875,266
E1021	304042,739	7554525,436	E1084	310122,666	7561215,750	E1147	316266,682	7574022,912	E1210	308068,974	7574900,270
E1022	304188,369	7554872,795	E1085	310168,052	7561605,438	E1148	316362,188	7573978,499	E1211	308350,359	7574802,241
E1023	304583,657	7554917,775	E1086	310331,934	7561964,493	E1149	316481,098	7574286,905	E1212	308358,296	7574684,766
E1024	304637,632	7554799,241	E1087	310565,662	7562186,393	E1150	316373,890	7574315,088	E1213	308265,824	7574611,344
E1025	304757,098	7554758,720	E1088	310518,256	7562770,422	E1151	316408,704	7574513,479	E1214	308082,071	7574666,113
E1026	304982,747	7554612,752	E1089	310310,000	7563326,210	E1152	316528,623	7574496,348	E1215	307928,480	7574445,847
E1027	305619,918	7555199,637	E1090	310857,093	7564594,476	E1153	316819,145	7575847,707	E1216	307818,545	7574473,628
E1028	305926,069	7555818,572	E1091	311492,053	7565018,890	E1154	316438,145	7576066,783	E1217	307757,823	7574570,863
E1029	306249,904	7556217,565	E1092	311688,785	7565607,431	E1155	315897,930	7576051,900	E1218	307856,645	7574717,707
E1030	306409,058	7556639,215	E1093	312016,489	7565704,140	E1156	315338,336	7576252,984	E1219	307729,248	7574731,201
E1031	306366,826	7556770,616	E1094	312207,143	7565993,162	E1157	314950,720	7576237,109	E1220	307652,651	7574666,113
E1032	306428,209	7557045,783	E1095	312236,984	7566216,973	E1158	314301,167	7576512,276	E1221	307566,079	7574361,286
E1033	306740,629	7557207,310	E1096	312110,434	7566263,946	E1159	313849,529	7576644,711	E1222	307638,311	7574293,023
E1034	306974,567	7557280,916	E1097	312127,565	7566405,969	E1160	313401,582	7576763,630	E1223	307608,148	7574181,898
E1035	307446,878	7557607,409	E1098	311850,701	7566634,754	E1161	312900,360	7576802,376	E1224	307500,992	7574128,717
E1036	307575,445	7557582,359	E1099	312151,327	7566861,882	E1162	312879,029	7576796,703	E1225	307408,916	7573939,804
E1037	307654,828	7557764,849	E1100	312290,587	7566759,094	E1163	312834,049	7576465,974	E1226	307456,542	7573863,604
E1038	307472,787	7557881,868	E1101	312270,140	7566681,175	E1164	312714,986	7576428,932	E1227	307397,010	7573748,509
E1039	307301,336	7558021,568	E1102	312386,743	7566641,386	E1165	312613,122	7576484,495	E1228	307314,460	7573754,066
E1040	306835,668	7558269,219	E1103	312439,795	7566744,726	E1166	312647,518	7576840,360	E1229	307264,454	7573644,158
E1041	306813,444	7558344,360	E1104	312287,271	7566845,856	E1167	312576,080	7576839,566	E1230	307663,446	7573508,691
E1042	306862,127	7558436,435	E1105	312393,927	7567025,458	E1168	312532,424	7576749,872	E1231	307671,913	7573379,574
E1043	306972,194	7558465,011	E1106	312582,371	7566917,145	E1169	312372,086	7576757,810	E1232	307568,196	7573303,374
E1044	307486,545	7558173,968	E1107	312676,868	7567271,927	E1170	312331,721	7576825,059	E1233	307169,203	7573442,016
E1045	307749,950	7557983,520	E1108	312613,317	7567309,505	E1171	312187,142	7576814,960	E1234	306933,830	7572925,548
E1046	307802,212	7558103,663	E1109	312597,843	7567467,555	E1172	312114,910	7576730,028	E1235	306995,742	7572818,921
E1047	307667,925	7558286,581	E1110	312701,183	7567674,788	E1173	311879,677	7576819,532	E1236	307383,093	7572626,833
E1048	307935,946	7558459,552	E1111	312811,155	7567624,500	E1174	311875,147	7576601,447	E1237	307364,837	7572492,689
E1049	308011,654	7558718,178	E1112	313012,861	7567709,051	E1175	311661,703	7576591,961	E1238	307250,537	7572441,095
E1050	308414,514	7559140,934	E1113	313011,203	7567742,208	E1176	311656,959	7576822,006	E1239	306806,036	7572674,458
E1051	308542,170	7559165,802	E1114	312654,210	7567894,731	E1177	311466,869	7576820,637	E1240	306534,308	7572159,313
E1052	308531,670	7559327,720	E1115	312740,418	7568098,648	E1178	311470,184	7576953,818	E1241	306658,133	7572058,242
E1053	308685,850	7559506,770	E1116	313181,963	7567909,653	E1179	311411,783	7576968,067	E1242	306624,266	7571951,879
E1054	308650,482	7559775,896	E1117	313266,513	7568156,674	E1180	310986,751	7576901,361	E1243	306538,541	7571900,550
E1055	308847,768	7559880,342	E1118	313378,143	7568118,544	E1181	310779,440	7577043,074	E1244	306444,349	7571958,759
E1056	308709,059	7560113,547	E1119	313788,739	7568598,772	E1182	310482,957	7577047,794	E1245	306337,458	7571823,821
E1057	308807,978	7560232,361	E1120	313831,843	7568834,741	E1183	310341,140	7577133,519	E1246	306348,570	7571694,704
E1058	308856,609	7560204,730	E1121	313774,371	7568852,978	E1184	310391,940	7577298,619	E1247	306171,828	7571370,853
E1059	309106,393	7560513,645	E1122	313747,292	7569012,685	E1185	310079,731	7577358,944	E1248	306217,866	7571337,516
E1060	309020,184	7560546,250	E1123	313516,296	7569186,760	E1186	310009,881	7577335,661	E1249	306328,991	7571405,778
E1061	308892,529	7560439,041	E1124	313648,372	7569359,178	E1187	310037,398	7576973,710	E1250	306425,299	7571342,278
E1062	308755,479	7560461,698	E1125	313915,841	7569158,025	E1188	309580,197	7577022,394	E1251	306433,237	7571229,565
E1063	308688,059	7560395,384	E1126	314034,655	7569174,604	E1189	309506,531	7577290,206	E1252	306074,461	7570943,815
E1064	308710,717	7560273,255	E1127	314032,444	7569242,576	E1190	309285,715	7577282,480	E1253	305966,511	7571030,598
E1065	308502,932	7560215,782	E1128	314199,888	7569288,997	E1191	308994,673	7577189,875	E1254	305582,335	7570374,959
E1066	308460,379	7560442,909	E1129	314231,940	7569226,550	E1192	308952,843	7577062,228	E1255	305901,423	7570163,821
E1067	308536,088	7560670,589	E1130	314592,801	7569386,811	E1193	309019,158	7577029,071	E1256	305879,728	7570054,284
E1068	308641,639	7560651,800	E1131	314700,008	7570191,980	E1194	309090,630	7577123,385	E1257	305786,065	7569992,900
E1069	308721,216	7560740,219	E1132	314903,256	7570709,985	E1195	309263,225	7576990,114	E1258	305572,413	7570128,125
E1070	308664,295	7561034,213	E1133	314810,059	7570738,859	E1196	309128,288	7576771,833	E1259	305488,805	7569897,937
E1071	308922,369	7561055,214	E1134	314806,884	7570902,372	E1197	309185,173	7576710,978	E1260	305388,792	7569803,745

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CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
E1261	305613,688	7569562,445	E1324	306006,684	7561833,153	E1387	305233,572	7563481,199	E1450	304688,306	7568542,796
E1262	305570,826	7569459,786	E1325	306193,612	7561707,343	E1388	305181,978	7563581,410	E1451	304494,102	7568481,412
E1263	305459,701	7569418,511	E1326	306213,059	7561614,474	E1389	305224,312	7563683,937	E1452	304448,064	7568403,624
E1264	305324,763	7569565,090	E1327	306155,115	7561549,387	E1390	305408,462	7563697,761	E1453	304614,223	7568319,487
E1265	305212,579	7569395,228	E1328	306083,678	7561536,290	E1391	305382,004	7563881,912	E1454	304610,651	7568212,339
E1266	305086,637	7569402,636	E1329	306009,859	7561578,755	E1392	305306,597	7563927,685	E1455	304534,583	7568137,594
E1267	304878,674	7569105,244	E1330	305987,237	7561449,374	E1393	305287,282	7564032,460	E1456	304439,333	7568171,329
E1268	304899,312	7569018,460	E1331	305982,871	7561302,133	E1394	305365,511	7564099,152	E1457	304160,858	7568023,162
E1269	304968,104	7568980,889	E1332	306027,718	7560920,338	E1395	305279,592	7564320,805	E1458	304060,978	7568031,099
E1270	305047,479	7568896,752	E1333	306109,078	7560901,288	E1396	305266,495	7564434,708	E1459	304011,368	7568128,334
E1271	305109,921	7568651,747	E1334	306145,987	7560805,641	E1397	305166,085	7564411,690	E1460	304092,728	7568302,959
E1272	305142,332	7568608,412	E1335	306020,178	7560571,881	E1398	305091,473	7564456,933	E1461	303907,519	7568346,616
E1273	305241,287	7568619,525	E1336	305926,118	7560555,610	E1399	305076,782	7564532,439	E1462	303889,660	7568465,678
E1274	305306,903	7568553,379	E1337	305854,680	7560612,363	E1400	305217,342	7564890,619	E1463	303955,145	7568547,699
E1275	305306,903	7568465,537	E1338	305784,037	7561213,233	E1401	305206,428	7564960,403	E1464	304224,623	7568493,526
E1276	305263,512	7568420,558	E1339	305742,365	7561260,461	E1402	305160,787	7564995,461	E1465	304259,019	7568603,063
E1277	305320,662	7568226,353	E1340	305739,587	7561337,852	E1403	304828,404	7564933,284	E1466	304333,632	7568630,051
E1278	305343,416	7568075,541	E1341	305776,893	7561382,302	E1404	304746,713	7564925,015	E1467	304629,436	7569120,060
E1279	305343,416	7567828,419	E1342	305779,274	7561466,439	E1405	304740,099	7564817,528	E1468	304576,520	7569232,244
E1280	305446,075	7567680,252	E1343	305823,724	7561730,759	E1406	304698,757	7564755,682	E1469	304690,820	7569411,632
E1281	305605,883	7567187,068	E1344	305591,155	7562077,628	E1407	304630,958	7564743,114	E1470	304609,857	7569453,965
E1282	305731,825	7566995,509	E1345	305503,842	7562139,938	E1408	304570,765	7564757,666	E1471	304583,399	7569545,511
E1283	305699,017	7566663,192	E1346	305499,150	7562213,710	E1409	304512,556	7564851,263	E1472	304720,982	7569747,124
E1284	305675,733	7566159,424	E1347	305425,397	7562324,174	E1410	304379,934	7564773,541	E1473	304837,399	7569728,603
E1285	305603,304	7565733,650	E1348	305328,163	7562240,830	E1411	304236,728	7564755,020	E1474	304884,495	7569639,174
E1286	305594,175	7565615,778	E1349	305385,048	7561932,590	E1412	303927,165	7564759,320	E1475	304853,804	7569566,149
E1287	305566,394	7565522,115	E1350	305363,551	7561858,837	E1413	303885,493	7564864,492	E1476	304917,833	7569532,811
E1288	305656,882	7565478,855	E1351	305280,207	7561824,772	E1414	303931,795	7564965,364	E1477	305051,712	7569728,074
E1289	305682,282	7565387,574	E1352	305187,934	7561860,491	E1415	304206,301	7564962,719	E1478	304999,854	7569800,041
E1290	305633,069	7565314,946	E1353	305146,592	7562081,749	E1416	304307,504	7564973,633	E1479	305013,083	7569904,287
E1291	305503,688	7565266,924	E1354	305024,222	7562023,541	E1417	304354,137	7565001,414	E1480	305098,279	7569947,149
E1292	305478,685	7565177,230	E1355	304831,407	7562109,861	E1418	304365,713	7565093,688	E1481	305191,413	7569906,933
E1293	305440,981	7565096,664	E1356	304643,883	7561946,150	E1419	304416,314	7565154,211	E1482	305262,321	7570014,883
E1294	305512,816	7565057,373	E1357	304555,578	7561788,392	E1420	304499,658	7565159,833	E1483	305150,138	7570119,129
E1295	305620,766	7565100,236	E1358	304485,794	7561754,657	E1421	304552,244	7565119,154	E1484	305211,521	7570240,308
E1296	305700,935	7565034,752	E1359	304399,143	7561789,384	E1422	304788,518	7565138,733	E1485	305296,585	7570249,547
E1297	305708,079	7564941,089	E1360	304370,039	7561876,366	E1423	305196,506	7565216,918	E1486	305376,489	7570507,781
E1298	305529,088	7564748,604	E1361	304475,542	7562074,473	E1424	305285,009	7565262,955	E1487	305523,598	7570697,752
E1299	305439,394	7564746,223	E1362	304771,545	7562332,442	E1425	305296,519	7565308,993	E1488	305252,135	7571019,486
E1300	305469,316	7564534,746	E1363	304472,512	7562449,368	E1426	305229,843	7565349,077	E1489	305290,764	7571135,373
E1301	305559,275	7564600,627	E1364	304422,955	7562526,911	E1427	305219,525	7565442,740	E1490	305404,535	7571159,715
E1302	305659,552	7564556,706	E1365	304457,021	7562618,193	E1428	305275,087	7565512,987	E1491	305505,077	7571055,998
E1303	305686,540	7564451,666	E1366	304538,380	7562651,266	E1429	305346,922	7565513,781	E1492	305606,677	7571252,849
E1304	305606,106	7564372,291	E1367	304681,255	7562591,735	E1430	305388,991	7565664,593	E1493	305828,927	7571236,445
E1305	305695,271	7564246,085	E1368	304723,920	7562650,274	E1431	305394,150	7565742,778	E1494	305919,415	7571445,995
E1306	305803,750	7564006,901	E1369	304819,170	7562649,612	E1432	305447,331	7566078,138	E1495	305814,640	7571495,207
E1307	305614,308	7563761,896	E1370	304876,055	7562594,050	E1433	305369,147	7566086,869	E1496	305791,886	7571697,350
E1308	305626,810	7563567,520	E1371	304882,339	7562510,706	E1434	305182,218	7566308,723	E1497	305877,611	7571820,116
E1309	305692,294	7563535,439	E1372	304992,141	7562467,711	E1435	305225,478	7566406,751	E1498	305985,561	7571797,891
E1310	305711,477	7563447,796	E1373	305037,121	7562510,044	E1436	305333,428	7566444,851	E1499	306050,120	7572030,196
E1311	305677,411	7563201,071	E1374	305174,704	7562507,729	E1437	305473,062	7566293,304	E1500	306264,962	7572351,401
E1312	305805,538	7563087,498	E1375	305169,871	7562701,221	E1438	305486,291	7566636,733	E1501	306340,633	7572432,893
E1313	305804,348	7563020,030	E1376	305045,517	7562825,575	E1439	305516,454	7566938,359	E1502	306425,829	7572410,668
E1314	306009,929	7562954,148	E1377	305062,190	7562909,698	E1440	305414,854	7567088,113	E1503	306508,379	7572570,476
E1315	306028,186	7562825,560	E1378	304926,458	7562985,501	E1441	305249,224	7567595,585	E1504	306491,974	7572629,743
E1316	305947,223	7562771,585	E1379	304933,602	7563110,120	E1442	305135,982	7567755,923	E1505	306524,783	7572707,002
E1317	305751,691	7562656,771	E1380	305038,774	7563158,142	E1443	305129,632	7568081,890	E1506	306590,400	7572731,343
E1318	305606,699	7562730,854	E1381	305452,716	7562935,892	E1444	305113,228	7568180,316	E1507	306697,512	7572937,591
E1319	305536,854	7562556,479	E1382	305472,163	7562988,676	E1445	305058,195	7568364,466	E1508	306670,833	7573002,277
E1320	305649,099	7562364,173	E1383	305431,602	7563197,830	E1446	305019,565	7568417,383	E1509	306713,696	7573089,590
E1321	305704,264	7562343,932	E1384	305427,078	7563377,509	E1447	304928,548	7568390,924	E1510	306783,017	7573108,640
E1322	305754,668	7562286,385	E1385	305399,268	7563407,446	E1448	304844,940	7568437,491	E1511	306879,325	7573317,661
E1323	305748,715	7562217,725	E1386	305390,669	7563487,152	E1449	304831,182	7568506,812	E1512	306790,425	7573362,111

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
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La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
E1513	306625,854	7573168,436	E1576	301017,699	7575889,010	E1639	295512,215	7567198,593	E1702	293897,672	7564742,471
E1514	306516,845	7573192,248	E1577	301027,861	7575645,133	E1640	295391,376	7567144,804	E1703	293971,354	7564908,258
E1515	306462,870	7573294,378	E1578	300816,162	7575631,584	E1641	295437,796	7567038,701	E1704	294165,578	7564843,732
E1516	306704,700	7573595,474	E1579	300796,655	7575755,266	E1642	295661,055	7567147,015	E1705	294196,969	7564970,716
E1517	306731,158	7573888,104	E1580	300477,444	7575645,132	E1643	295790,000	7566991,544	E1706	294383,695	7564983,944
E1518	306833,817	7573918,267	E1581	300433,401	7575699,006	E1644	295674,318	7566872,915	E1707	294378,675	7565295,182
E1519	306936,475	7573888,104	E1582	299833,012	7575580,874	E1645	295957,832	7566590,646	E1708	294677,090	7565391,707
E1520	306935,311	7573742,583	E1583	299855,117	7575471,086	E1646	295900,455	7566099,424	E1709	294875,296	7565542,020
E1521	307073,953	7573761,210	E1584	299645,858	7575421,719	E1647	295520,251	7566140,685	E1710	294319,726	7566315,688
E1522	307173,966	7573958,060	E1585	299615,647	7575532,980	E1648	295271,695	7566218,297	E1711	294484,039	7566451,265
E1523	307183,491	7574068,391	E1586	299522,070	7575510,874	E1649	295129,856	7565982,144	E1712	294899,610	7566077,694
E1524	307254,135	7574114,429	E1587	299545,649	7575406,982	E1650	295254,380	7565876,041	E1713	294964,017	7566623,866
E1525	307357,235	7574427,685	E1588	298841,979	7574958,989	E1651	295332,484	7565920,987	E1714	294800,440	7566799,967
E1526	307273,979	7574454,155	E1589	298260,131	7574757,097	E1652	295725,933	7565915,143	E1715	294806,335	7566961,333
E1527	307258,897	7574595,442	E1590	298232,869	7574580,258	E1653	295746,581	7565696,256	E1716	294985,383	7567205,960
E1528	307356,529	7574645,449	E1591	298117,924	7574404,156	E1654	295495,323	7565679,308	E1717	295316,956	7567376,168
E1529	307373,991	7574720,061	E1592	298502,839	7574369,125	E1655	295382,589	7565573,205	E1718	295354,533	7567625,216
E1530	307433,311	7574767,085	E1593	298499,601	7574154,372	E1656	295566,796	7565244,580	E1719	295496,004	7567695,951
E1531	307585,447	7575220,846	E1594	297842,351	7574169,844	E1657	295381,116	7565125,213	E1720	295316,954	7568374,570
E1532	307458,446	7575294,929	E1595	297636,922	7573712,081	E1658	295290,486	7565267,421	E1721	295526,949	7568431,306
E1533	307459,769	7575404,732	E1596	297696,233	7573428,013	E1659	295242,592	7565246,053	E1722	295601,370	7568170,469
E1534	307549,728	7575476,169	E1597	297627,708	7573180,439	E1660	295266,908	7564864,376	E1723	295728,841	7568219,100
E1535	307708,478	7575397,456	E1598	297680,760	7573113,387	E1661	295222,699	7564637,433	E1724	295679,473	7568345,834
E1536	307985,842	7575599,333	E1599	297585,710	7572955,706	E1662	295439,881	7564600,132	E1725	295851,891	7568420,254
E1537	308011,638	7575692,599	E1600	297511,290	7572974,863	E1663	295418,882	7564373,005	E1726	295830,522	7568729,722
E1538	308106,227	7575720,380	E1601	297462,660	7572804,656	E1664	295221,596	7564414,451	E1727	295871,784	7568826,983
E1539	308366,181	7575949,907	E1602	297661,603	7572817,182	E1665	295209,439	7564244,244	E1728	295702,314	7568923,507
E1540	308337,697	7576208,623	E1603	297695,498	7572596,134	E1666	294995,022	7564253,638	E1729	295763,470	7569174,029
E1541	308160,018	7576036,562	E1604	297519,396	7572554,135	E1667	295008,837	7564543,764	E1730	295876,204	7569266,132
E1542	307994,231	7576189,085	E1605	297523,080	7572495,925	E1668	294800,499	7564584,105	E1731	296075,885	7569106,241
E1543	308181,077	7576409,353	E1606	297718,268	7572301,867	E1669	294833,125	7564702,745	E1732	296120,094	7569136,451
E1544	307985,285	7576730,822	E1607	297600,376	7572130,923	E1670	294734,765	7564736,201	E1733	296142,199	7569252,133
E1545	307452,149	7576607,791	E1608	297371,222	7572276,814	E1671	294578,898	7564433,239	E1734	296566,612	7569459,919
E1546	306779,794	7576669,390	E1609	297164,174	7572146,395	E1672	294634,713	7564296,189	E1735	296598,294	7569880,648
E1547	306492,503	7576650,653	E1610	297258,488	7571873,032	E1673	294878,420	7564074,036	E1736	296750,817	7570142,959
E1548	305924,177	7576815,753	E1611	297439,011	7571869,349	E1674	295023,760	7563710,964	E1737	296729,449	7570350,745
E1549	305801,939	7576704,628	E1612	297407,328	7571343,253	E1675	295089,468	7563675,990	E1738	296764,816	7570813,473
E1550	305620,558	7576733,856	E1613	297371,961	7571299,044	E1676	295105,343	7563522,002	E1739	297147,228	7571300,517
E1551	305630,489	7576858,616	E1614	297519,327	7570961,577	E1677	294911,026	7563388,234	E1740	297122,912	7571569,459
E1552	304873,250	7576904,654	E1615	297665,219	7570868,737	E1678	294608,189	7563395,417	E1741	296876,765	7572247,671
E1553	304668,462	7577074,516	E1616	297576,800	7570672,003	E1679	294489,850	7562846,379	E1742	297209,552	7572604,345
E1554	304360,486	7576898,304	E1617	297345,436	7570805,369	E1680	294292,616	7562837,772	E1743	297058,761	7572677,242
E1555	303796,972	7576452,442	E1618	297254,806	7570989,576	E1681	294277,143	7562631,460	E1744	296717,983	7572322,114
E1556	303318,472	7575895,758	E1619	297010,179	7570743,475	E1682	294112,830	7562634,407	E1745	296381,254	7571621,390
E1557	303148,609	7576024,346	E1620	296979,234	7570105,382	E1683	294089,989	7562427,359	E1746	296114,523	7571450,446
E1558	303634,997	7576623,666	E1621	296837,764	7569834,229	E1684	294168,092	7562420,727	E1747	295988,525	7571622,126
E1559	304162,049	7577045,941	E1622	296776,608	7569317,712	E1685	294162,935	7562218,837	E1748	296204,415	7571800,439
E1560	304162,049	7577199,929	E1623	296331,564	7569031,822	E1686	294076,726	7562210,731	E1749	296572,827	7572537,268
E1561	303419,595	7577193,263	E1624	296374,300	7568955,929	E1687	294045,780	7561999,262	E1750	296773,192	7572754,072
E1562	303212,722	7577309,467	E1625	296235,040	7568827,720	E1688	293740,733	7561980,840	E1751	296678,351	7572799,799
E1563	303100,188	7577293,016	E1626	296179,778	7568861,615	E1689	293748,838	7562229,888	E1752	296688,513	7572974,239
E1564	302963,913	7577138,442	E1627	296055,991	7568698,038	E1690	293832,836	7562247,572	E1753	296951,183	7573022,077
E1565	302654,102	7577106,361	E1628	296087,676	7568225,732	E1691	293905,044	7562750,826	E1754	296973,288	7573134,812
E1566	302607,883	7577287,242	E1629	296223,253	7568050,367	E1692	293780,639	7563169,901	E1755	296772,134	7573189,337
E1567	302885,696	7577453,930	E1630	296059,677	7567904,475	E1693	293836,517	7563693,228	E1756	296807,501	7573409,648
E1568	302563,433	7577682,530	E1631	295941,048	7568053,314	E1694	293778,308	7563733,754	E1757	297408,843	7573310,393
E1569	302321,211	7577446,522	E1632	295822,418	7568014,998	E1695	293837,253	7564077,853	E1758	297386,001	7573522,599
E1570	302180,200	7577349,775	E1633	295809,893	7567834,476	E1696	293818,095	7564234,060	E1759	296644,752	7573623,543
E1571	301903,032	7576760,191	E1634	296050,099	7567667,953	E1697	293708,308	7564187,640	E1760	296280,357	7573346,263
E1572	301432,177	7576362,312	E1635	295824,630	7567363,643	E1698	293586,731	7564345,321	E1761	296146,563	7573510,541
E1573	301459,725	7576297,166	E1636	295663,265	7567409,326	E1699	293801,884	7564595,842	E1762	296447,445	7573783,361
E1574	301334,400	7576165,065	E1637	295644,844	7567516,902	E1700	293913,146	7564559,001	E1763	296255,133	7573834,202
E1575	301250,897	7576183,116	E1638	295554,951	7567476,377	E1701	293948,513	7564696,788	E1764	296300,079	7574056,724

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SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
E1765	296577,127	7573988,200	E1828	300100,134	7577189,879	E1891	303131,853	7579071,532	E1954	307046,542	7576945,929
E1766	296699,439	7574482,612	E1829	300358,761	7577184,722	E1892	303256,377	7579293,317	E1955	307400,949	7576876,298
E1767	296487,778	7574519,998	E1830	300455,285	7577247,352	E1893	303422,900	7579249,108	E1956	307494,086	7576902,934
E1768	296532,724	7574729,995	E1831	300355,813	7577438,191	E1894	303464,162	7579501,840	E1957	307413,652	7577290,285
E1769	296947,841	7574678,254	E1832	300542,230	7577550,189	E1895	303279,954	7580068,460	E1958	307190,343	7577254,301
E1770	297845,297	7574753,412	E1833	300652,755	7577355,667	E1896	303182,692	7580056,671	E1959	307137,426	7577501,952
E1771	297827,613	7574913,304	E1834	300745,595	7577353,456	E1897	303139,219	7580255,614	E1960	307366,027	7577624,719
E1772	298134,133	7574951,619	E1835	300783,174	7577270,931	E1898	303333,742	7580307,193	E1961	307538,536	7577546,402
E1773	298728,753	7575154,985	E1836	300957,065	7577284,932	E1899	303349,952	7580437,611	E1962	307836,986	7577543,227
E1774	298988,116	7575347,298	E1837	300951,907	7577327,668	E1900	303471,528	7580573,188	E1963	307845,453	7577352,726
E1775	298985,168	7575562,451	E1838	301119,904	7577543,559	E1901	303477,422	7580741,922	E1964	307646,486	7577305,101
E1776	298786,962	7575595,608	E1839	301167,061	7577533,980	E1902	303409,634	7580750,026	E1965	307708,666	7576952,826
E1777	298752,331	7575413,612	E1840	301251,059	7577701,977	E1903	303411,107	7580935,707	E1966	308046,537	7577028,876
E1778	298545,282	7575446,032	E1841	301226,007	7577732,924	E1904	303610,051	7580957,076	E1967	308131,203	7577007,709
E1779	298565,176	7575622,870	E1842	301322,531	7577944,393	E1905	303657,207	7581209,071	E1968	308634,085	7577306,972
E1780	297647,825	7575948,547	E1843	301499,370	7577878,079	E1906	303642,470	7581699,061	E1969	308637,088	7577419,402
E1781	297519,617	7575787,181	E1844	301474,318	7577659,241	E1907	303878,992	7581693,167	E1970	309138,739	7577646,944
E1782	297034,783	7576039,912	E1845	301359,373	7577421,246	E1908	303879,730	7581205,387	E1971	309283,731	7577626,835
E1783	297134,255	7576336,854	E1846	301410,214	7577385,878	E1909	303837,731	7580980,655	E1972	309315,481	7577542,168
E1784	297426,776	7576268,329	E1847	301398,425	7577324,721	E1910	303968,887	7580790,553	E1973	309879,574	7577559,102
E1785	297454,775	7576342,012	E1848	301914,144	7577339,630	E1911	303800,153	7580653,503	E1974	309797,535	7578023,908
E1786	297644,140	7576294,856	E1849	301999,869	7577499,967	E1912	303709,478	7580746,676	E1975	310159,768	7578087,476
E1787	297633,824	7576217,489	E1850	302204,657	7577712,693	E1913	303695,524	7580527,505	E1976	310351,591	7577899,621
E1788	298820,610	7575825,499	E1851	302276,095	7578141,319	E1914	303499,134	7580123,581	E1977	310630,727	7578160,236
E1789	298874,076	7575855,314	E1852	301624,629	7578283,335	E1915	303562,634	7580046,852	E1978	310502,404	7578456,570
E1790	298994,726	7575836,264	E1853	301626,103	7578498,489	E1916	303558,665	7579954,247	E1979	310580,456	7578567,696
E1791	299015,363	7575791,814	E1854	301803,678	7578496,279	E1917	303638,040	7579716,122	E1980	310965,426	7578611,352
E1792	299253,865	7575745,185	E1855	301873,677	7578658,381	E1918	304483,541	7580198,152	E1981	311140,051	7578808,467
E1793	299274,496	7575795,290	E1856	300900,920	7578972,377	E1919	305186,275	7580187,568	E1982	311114,916	7578866,675
E1794	299429,230	7575780,553	E1857	301006,754	7579299,138	E1920	305190,509	7579914,518	H1	298454,635	7637289,950
E1795	299446,913	7575718,660	E1858	301467,130	7579178,752	E1921	304578,791	7579939,918	H2	298384,251	7637351,203
E1796	300463,895	7575939,816	E1859	301459,249	7579056,259	E1922	303678,744	7579366,833	H3	298374,726	7637466,561
E1797	300452,039	7576166,757	E1860	302172,092	7578881,640	E1923	303636,717	7579147,266	H4	298134,484	7637469,736
E1798	300966,780	7576201,926	E1861	302211,880	7579051,848	E1924	303954,153	7579106,901	H5	297642,358	7637526,886
E1799	301746,537	7576971,500	E1862	302439,475	7579147,002	E1925	303930,575	7578886,590	H6	297615,899	7637654,945
E1800	301800,250	7577114,116	E1863	302309,829	7579334,856	E1926	303593,108	7578924,167	H7	297682,574	7637751,254
E1801	301189,167	7577083,041	E1864	302316,444	7579579,597	E1927	303694,791	7578706,803	H8	298193,750	7637685,637
E1802	301010,118	7576831,782	E1865	302185,475	7579782,003	E1928	303566,583	7578580,805	H9	298376,842	7637689,870
E1803	300831,805	7576944,517	E1866	301984,391	7580033,358	E1929	303520,162	7578625,015	H10	298378,959	7637859,204
E1804	300882,646	7577052,831	E1867	301778,016	7580145,806	E1930	303467,848	7578459,965	H11	298431,876	7638076,162
E1805	300486,233	7576956,305	E1868	301428,765	7580245,025	E1931	303039,684	7578258,794	H12	298394,834	7638759,847
E1806	300461,181	7576909,885	E1869	301416,859	7580472,567	E1932	302725,358	7577873,031	H13	298199,042	7639029,723
E1807	300283,605	7576836,202	E1870	301308,379	7580718,630	E1933	303222,247	7577549,180	H14	298027,592	7639418,132
E1808	300487,628	7576565,339	E1871	301111,255	7580845,855	E1934	303579,435	7577453,930	H15	297855,083	7639441,415
E1809	300308,531	7576437,049	E1872	300813,598	7581164,149	E1935	303477,741	7577881,767	H16	297680,458	7639366,274
E1810	300143,494	7576662,186	E1873	300960,442	7581324,487	E1936	303629,348	7577958,761	H17	297588,383	7639505,974
E1811	300005,822	7576585,680	E1874	301355,996	7580985,637	E1937	303808,736	7577753,973	H18	297682,574	7639621,332
E1812	299879,087	7576687,362	E1875	301432,275	7581059,908	E1938	304007,174	7577839,698	H19	298056,167	7639723,991
E1813	299924,033	7576780,939	E1876	301279,275	7581436,975	E1939	304155,605	7577835,730	H20	298215,975	7639675,307
E1814	299862,140	7576803,044	E1877	301490,942	7581520,319	E1940	304219,084	7577451,318	H21	298293,234	7639836,174
E1815	299771,514	7576709,684	E1878	301603,381	7581354,650	E1941	304585,076	7577456,959	H22	297714,324	7640854,293
E1816	299377,813	7576759,293	E1879	301639,109	7581167,100	E1942	305268,119	7578878,676	H23	297579,916	7641281,861
E1817	299314,244	7576883,837	E1880	301866,113	7581097,474	E1943	305466,976	7578790,607	H24	297162,932	7641275,511
E1818	299125,792	7576881,869	E1881	301862,938	7580962,536	E1944	305038,350	7577730,155	H25	297001,006	7641645,928
E1819	298768,207	7576996,566	E1882	302088,980	7580474,642	E1945	305184,401	7577658,718	H26	297103,665	7641749,645
E1820	298759,079	7577106,104	E1883	302070,350	7580417,060	E1946	305363,788	7577688,880	H27	297304,749	7641722,128
E1821	298826,548	7577192,622	E1884	302549,278	7579666,909	E1947	305459,039	7577631,730	H28	297349,199	7641517,869
E1822	299075,661	7577122,196	E1885	302545,309	7579408,940	E1948	305444,751	7577485,680	H29	297536,524	7641506,228
E1823	299092,890	7577262,823	E1886	302656,434	7579274,002	E1949	305041,525	7577253,904	H30	297449,741	7641890,404
E1824	299361,096	7577298,928	E1887	302704,059	7578939,304	E1950	305728,914	7577311,054	H31	297272,998	7642220,604
E1825	299906,349	7577214,194	E1888	302861,491	7579030,084	E1951	305989,265	7577220,567	H32	297226,432	7642425,921
E1826	299901,191	7577130,196	E1889	303247,779	7578690,595	E1952	305978,557	7577057,919	H33	296978,781	7642378,296
E1827	300100,871	7577136,091	E1890	303361,007	7578924,167	E1953	306167,065	7577082,454	H34	296649,639	7642505,296

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
H35	296648,581	7642630,180	H98	295937,644	7655395,028	H161	286059,201	7658101,016	H224	287531,478	7662122,690
H36	296735,364	7642698,972	H99	295996,911	7655693,479	H162	285921,618	7658244,949	H225	287639,429	7662168,199
H37	297007,356	7642601,605	H100	295817,319	7655766,989	H163	285785,093	7658515,883	H226	287727,270	7662096,232
H38	297158,698	7642683,097	H101	295728,683	7656071,261	H164	285749,109	7658709,559	H227	287796,062	7661545,898
H39	296561,797	7643363,606	H102	294641,243	7655982,625	H165	285738,526	7658916,992	H228	287887,079	7661296,130
H40	296518,405	7643577,390	H103	294227,170	7655990,563	H166	285626,342	7659176,285	H229	288106,154	7661362,806
H41	296556,505	7643826,099	H104	293817,065	7655888,698	H167	285398,800	7659170,993	H230	288197,171	7661281,314
H42	296482,422	7644124,550	H105	293278,637	7655815,937	H168	285359,642	7659256,718	H231	288181,296	7661182,889
H43	296251,705	7644298,117	H106	293219,105	7655938,969	H169	285373,400	7659366,785	H232	288054,296	7661058,005
H44	296022,046	7644874,910	H107	293283,928	7656043,479	H170	285555,434	7659414,410	H233	287952,696	7661029,430
H45	296098,246	7645140,552	H108	294090,909	7656195,615	H171	285535,325	7659748,844	H234	287718,804	7661118,330
H46	295619,879	7646246,512	H109	294391,212	7656237,948	H172	285612,584	7660070,578	H235	287580,162	7661494,039
H47	295881,287	7646683,605	H110	294663,733	7656218,105	H173	285524,742	7660137,253	H236	287555,820	7661664,431
H48	296128,938	7646992,639	H111	295784,246	7656331,876	H174	285551,200	7660285,420	H237	287126,136	7661911,023
H49	296094,277	7647626,846	H112	296013,111	7656818,710	H175	285688,784	7660367,970	H238	286873,194	7661444,298
H50	296012,786	7647737,971	H113	296174,507	7657386,242	H176	285780,859	7660536,246	H239	286958,919	7661339,522
H51	296061,469	7648029,014	H114	296211,549	7657665,378	H177	286217,026	7661015,672	H240	286977,969	7661191,355
H52	295861,444	7648013,139	H115	296390,143	7657879,691	H178	286078,384	7661170,189	H241	286889,069	7661110,922
H53	295787,360	7647764,430	H116	296325,320	7658019,921	H179	286115,425	7661286,605	H242	286693,277	7661145,847
H54	295674,118	7647747,497	H117	296281,663	7658456,484	H180	286235,017	7661312,005	H243	286512,169	7661058,005
H55	295583,101	7647818,405	H118	296495,976	7659154,986	H181	286339,983	7661215,808	H244	286215,835	7660570,112
H56	295662,477	7648139,081	H119	296386,174	7659226,423	H182	286411,759	7661290,839	H245	286103,651	7660560,587
H57	295777,835	7648226,922	H120	296176,888	7659052,459	H183	286030,759	7661719,465	H246	285938,551	7660366,912
H58	295993,736	7648336,989	H121	295715,454	7659096,909	H184	285548,158	7661879,273	H247	285875,051	7660206,045
H59	296022,311	7648474,573	H122	295514,370	7659192,160	H185	285196,790	7662133,274	H248	285767,101	7659676,877
H60	296112,269	7648511,615	H123	295434,995	7659144,535	H186	285093,073	7662271,916	H249	285779,801	7659374,193
H61	296097,452	7648693,648	H124	295252,961	7659181,576	H187	284373,405	7662444,424	H250	285958,660	7659004,834
H62	296096,394	7649126,508	H125	294980,969	7659304,343	H188	284171,792	7662431,724	H251	285974,535	7658682,042
H63	296057,236	7649404,850	H126	294893,127	7659139,243	H189	284013,042	7662549,200	H252	286120,585	7658355,016
H64	296076,286	7649926,609	H127	294160,759	7659195,335	H190	283815,133	7662593,650	H253	286259,227	7658235,424
H65	296006,436	7649982,701	H128	293878,184	7659233,435	H191	283672,258	7662565,075	H254	286398,927	7658248,124
H66	296003,261	7650288,560	H129	292453,664	7659205,918	H192	283043,607	7662078,240	H255	286778,869	7658220,608
H67	295838,160	7650266,335	H130	292273,747	7659151,943	H193	282693,298	7662104,699	H256	287286,871	7658272,466
H68	295767,252	7650352,060	H131	291998,580	7659404,885	H194	282471,047	7662337,533	H257	287530,288	7658460,850
H69	295758,458	7650474,804	H132	291568,896	7659434,518	H195	282496,447	7662469,825	H258	287847,788	7658597,375
H70	295541,826	7650486,469	H133	291395,329	7659278,943	H196	282612,864	7662540,733	H259	288028,764	7658579,383
H71	295536,535	7650679,086	H134	291305,370	7659084,209	H197	283065,832	7662378,808	H260	288190,689	7658513,767
H72	295741,852	7650706,602	H135	291167,787	7659041,876	H198	283559,016	7662761,925	H261	288471,148	7658919,109
H73	295970,452	7650678,027	H136	290916,961	7659049,284	H199	283795,025	7662822,250	H262	288396,006	7659020,709
H74	296094,277	7650763,753	H137	290457,644	7659249,310	H200	284097,709	7662761,925	H263	288429,873	7659118,076
H75	296104,861	7650955,311	H138	290073,468	7659312,810	H201	284244,817	7662653,975	H264	288530,415	7659154,060
H76	296168,361	7651396,637	H139	289998,326	7659206,976	H202	284369,172	7662674,083	H265	288632,015	7659094,793
H77	296197,994	7651518,346	H140	289514,667	7659013,301	H203	285023,223	7662535,441	H266	288879,665	7659311,752
H78	296194,819	7651950,146	H141	289112,499	7659149,826	H204	284859,181	7663080,484	H267	289123,082	7659383,718
H79	295951,402	7652071,855	H142	288700,807	7658866,192	H205	284791,448	7663347,185	H268	289492,441	7659264,126
H80	295937,644	7652217,905	H143	288711,390	7658737,075	H206	284571,314	7663442,435	H269	289814,175	7659386,893
H81	296112,269	7652315,272	H144	288661,648	7658652,409	H207	284305,672	7663640,344	H270	289867,092	7659486,377
H82	295995,852	7652544,931	H145	288574,865	7658650,292	H208	284322,605	7663755,702	H271	289986,684	7659559,402
H83	296057,236	7652746,015	H146	288391,773	7658312,683	H209	284416,797	7663809,677	H272	290502,094	7659467,327
H84	295940,819	7653194,749	H147	288474,323	7658183,566	H210	284766,048	7663624,469	H273	291089,470	7659300,110
H85	295670,943	7653243,433	H148	288491,256	7657978,249	H211	284939,615	7663665,744	H274	291512,804	7659692,752
H86	295630,726	7653351,383	H149	288407,648	7657903,107	H212	285007,348	7663562,027	H275	292174,264	7659621,844
H87	295697,402	7653448,749	H150	288283,822	7657944,382	H213	284986,181	7663468,893	H276	292317,139	7659732,969
H88	295911,185	7653426,525	H151	288251,014	7658122,183	H214	285222,190	7662718,533	H277	292520,339	7659762,602
H89	295927,060	7653661,475	H152	288133,539	7658286,224	H215	285253,940	7662433,841	H278	292589,131	7659617,611
H90	295807,469	7653701,692	H153	287898,588	7658373,008	H216	285372,474	7662276,149	H279	292511,873	7659543,527
H91	295792,652	7653848,800	H154	287678,455	7658285,166	H217	285677,275	7662065,540	H280	292501,289	7659426,052
H92	295926,002	7654039,301	H155	287539,813	7658185,683	H218	286158,817	7661908,907	H281	293855,959	7659453,569
H93	295841,335	7654361,035	H156	287558,863	7658095,724	H219	286605,435	7661443,239	H282	294749,194	7659380,543
H94	295885,785	7654594,927	H157	287476,313	7657994,124	H220	286911,294	7662023,207	H283	294899,477	7659563,635
H95	295970,452	7654735,685	H158	286712,194	7657985,657	H221	287048,877	7662135,390	H284	295393,720	7659399,593
H96	295976,802	7654966,403	H159	286427,502	7658030,107	H222	287218,211	7662151,265	H285	295472,037	7659455,685
H97	295926,002	7655081,761	H160	286206,310	7658013,174	H223	287490,203	7661955,474	H286	295773,662	7659318,101

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
H287	296112,330	7659292,569	H350	297445,832	7661853,344	H413	296918,721	7649870,517	H476	296810,506	7645336,344
H288	296276,372	7659435,445	H351	297449,801	7661697,240	H414	297206,588	7649664,142	H477	296735,364	7645807,303
H289	296298,861	7659586,919	H352	297319,097	7661651,731	H415	297211,880	7649474,700	H478	296526,872	7646378,804
H290	296815,858	7659707,040	H353	297427,047	7660886,555	H416	297484,930	7649527,617	H479	296297,213	7646847,647
H291	296780,933	7659941,990	H354	297349,259	7660502,379	H417	297762,214	7649505,392	H480	295871,762	7646228,520
H292	296404,695	7660108,678	H355	296960,321	7660156,303	H418	297890,273	7649553,017	H481	296317,322	7645309,885
H293	296264,995	7660273,779	H356	297034,934	7659880,078	H419	298260,690	7649454,592	H482	296326,847	7645087,635
H294	296309,445	7660491,266	H357	297280,997	7659846,740	H420	298273,390	7649308,541	H483	296260,172	7644872,793
H295	296799,983	7661410,431	H358	297306,397	7659687,990	H421	298432,140	7649217,524	H484	296440,088	7644432,525
H296	296601,545	7661662,844	H359	296981,488	7659472,486	H422	298632,166	7649217,524	H485	296665,514	7644266,367
H297	296598,370	7661781,906	H360	296732,779	7659006,819	H423	298660,741	7649036,549	H486	296792,514	7643904,416
H298	296968,259	7661991,457	H361	296855,810	7658859,975	H424	298373,932	7648956,116	H487	296740,656	7643576,332
H299	296945,769	7662385,158	H362	296861,102	7658727,683	H425	298062,781	7649146,616	H488	296772,406	7643456,740
H300	297002,655	7662598,148	H363	296691,768	7658616,557	H426	297975,998	7649272,558	H489	297361,899	7642797,397
H301	296738,071	7663159,065	H364	296896,821	7658334,776	H427	297478,580	7649303,250	H490	297491,016	7642283,046
H302	297023,821	7663656,483	H365	296794,956	7658228,942	H428	297179,071	7649212,233	H491	297643,416	7642005,762
H303	297582,093	7664141,995	H366	296542,279	7658281,859	H429	296901,787	7649409,083	H492	297925,991	7640927,318
H304	297706,447	7664119,505	H367	296551,539	7658067,546	H430	296813,946	7649619,692	H493	298522,893	7639904,966
H305	297769,948	7664365,568	H368	296658,696	7657854,556	H431	296331,345	7649598,525	H494	298516,543	7639764,208
H306	297903,563	7664516,381	H369	296420,570	7657560,868	H432	296341,928	7649479,992	H495	298296,409	7639346,165
H307	297846,677	7664730,694	H370	296663,987	7657472,232	H433	296280,544	7649417,550	H496	298636,135	7638784,189
H308	298002,781	7664821,975	H371	296707,644	7657406,086	H434	296317,586	7649151,908	H497	298962,102	7638936,589
H309	298009,396	7664995,277	H372	296916,665	7657378,305	H435	296318,645	7648657,665	H498	299340,986	7639044,539
H310	297923,406	7665281,028	H373	296964,290	7657279,086	H436	296354,628	7648436,473	H499	299459,520	7638960,931
H311	297955,156	7665675,258	H374	296928,571	7657171,929	H437	296744,095	7648387,789	H500	299463,753	7638847,689
H312	297635,010	7665725,529	H375	296349,132	7657146,794	H438	296819,237	7648208,931	H501	299385,436	7638794,772
H313	297510,656	7666088,009	H376	296243,299	7656781,668	H439	297055,246	7648203,639	H502	299300,769	7638802,181
H314	297631,041	7666253,374	H377	295997,236	7656220,751	H440	297103,929	7648071,347	H503	299012,902	7638720,689
H315	297926,052	7666205,749	H378	296248,590	7656210,167	H441	297523,030	7647783,480	H504	298820,285	7638588,397
H316	298098,032	7666106,530	H379	296327,966	7656394,053	H442	297592,880	7647863,913	H505	298637,193	7638532,305
H317	298229,001	7665938,519	H380	296464,226	7656386,116	H443	297688,131	7647887,197	H506	298658,360	7638083,571
H318	298475,064	7665938,519	H381	296517,143	7656293,511	H444	298295,615	7647434,229	H507	298602,268	7637805,229
H319	298555,762	7665746,696	H382	296408,603	7655839,529	H445	298402,507	7647457,513	H508	298599,093	7637461,270
H320	298402,303	7665659,383	H383	296646,729	7655738,987	H446	298475,532	7647392,954	H509	298664,979	7637391,550
H321	298181,376	7665683,196	H384	296672,129	7655577,062	H447	298485,057	7647293,471	H510	298684,823	7636854,180
H322	298153,594	7665286,320	H385	296613,920	7655505,095	H448	298335,832	7647178,112	H511	298577,666	7636183,460
H323	298227,678	7665054,809	H386	296510,203	7655498,745	H449	298070,190	7647244,787	H512	298375,260	7635684,190
H324	298263,397	7664771,704	H387	296440,353	7655582,354	H450	297989,756	7646862,728	H513	298621,323	7635504,009
H325	298258,105	7664607,662	H388	296225,511	7655631,037	H451	297871,223	7646855,320	H514	298554,648	7635368,277
H326	298398,334	7664480,662	H389	296201,169	7654684,885	H452	297790,789	7646923,053	H515	298457,810	7635347,640
H327	298359,970	7664356,308	H390	296250,911	7654519,785	H453	297854,289	7647473,388	H516	298255,403	7635502,421
H328	298177,407	7664319,266	H391	296248,794	7654295,418	H454	297497,630	7647527,363	H517	298167,297	7635344,465
H329	298062,313	7663866,827	H392	296128,144	7654192,759	H455	297078,529	7647820,522	H518	298124,434	7634740,420
H330	297935,313	7663768,931	H393	296192,703	7653945,109	H456	296980,104	7647668,121	H519	298167,032	7634382,173
H331	297705,125	7663808,619	H394	296165,186	7653389,483	H457	297033,021	7647585,571	H520	298154,332	7634135,052
H332	297193,155	7663491,118	H395	296427,653	7653388,424	H458	296899,671	7647300,879	H521	298410,122	7634046,140
H333	297096,582	7663329,722	H396	296468,928	7653262,482	H459	296798,071	7647286,062	H522	298492,561	7633924,911
H334	297149,498	7663238,441	H397	296381,086	7653117,491	H460	296710,229	7647360,146	H523	298489,471	7633621,319
H335	297276,499	7663295,326	H398	296409,661	7652864,548	H461	296759,970	7647622,613	H524	298164,827	7633757,050
H336	297373,072	7663243,732	H399	296281,603	7652708,973	H462	296709,170	7647790,888	H525	298155,599	7633652,488
H337	297384,978	7663116,732	H400	296233,978	7652563,981	H463	296757,854	7647921,064	H526	298352,223	7633545,171
H338	297088,644	7662932,846	H401	296403,311	7652251,772	H464	296554,653	7648143,314	H527	298282,429	7633345,545
H339	297194,478	7662734,408	H402	296429,770	7651562,796	H465	296318,645	7648203,639	H528	298175,862	7633392,825
H340	297531,822	7662799,231	H403	296337,663	7650949,755	H466	296246,678	7647798,297	H529	298087,307	7632956,048
H341	297788,469	7662652,387	H404	296548,303	7650944,728	H467	296322,878	7647690,346	H530	297945,468	7632691,131
H342	297829,479	7662539,939	H405	296598,045	7650837,836	H468	296347,220	7647254,312	H531	298416,393	7632335,941
H343	297726,291	7662285,939	H406	296466,811	7650558,435	H469	296530,312	7647196,104	H532	298395,227	7632214,232
H344	297756,719	7662035,907	H407	296702,820	7650184,843	H470	296562,062	7647075,453	H533	298284,101	7632165,284
H345	297656,177	7661968,438	H408	296659,429	7649999,634	H471	296481,364	7646987,347	H534	298151,809	7632013,148
H346	297529,176	7662020,032	H409	296539,837	7649940,367	H472	296748,064	7646438,071	H535	298241,768	7631859,690
H347	297481,732	7662173,237	H410	296566,295	7649841,942	H473	296963,965	7645820,003	H536	298206,049	7631681,096
H348	297311,159	7662051,782	H411	296715,520	7649844,059	H474	297050,748	7645379,736	H537	298558,889	7631588,887
H349	297314,256	7661895,718	H412	296795,954	7649919,201	H475	296939,623	7645289,777	H538	298570,424	7631663,128

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
H539	298785,059	7631638,362	H602	298560,627	7625519,555	H665	298718,091	7621405,888	H728	296260,207	7620249,474
H540	298743,033	7631363,689	H603	297908,692	7625511,088	H666	298596,815	7621230,782	H729	296372,919	7620362,187
H541	298861,608	7631309,655	H604	298099,192	7625083,520	H667	298055,000	7621604,957	H730	296626,920	7620509,825
H542	298783,560	7631097,270	H605	297954,695	7624795,036	H668	297633,033	7621638,457	H731	297005,275	7621275,795
H543	298327,229	7631306,180	H606	298013,432	7624356,356	H669	297622,086	7621398,044	H732	297388,922	7621666,056
H544	298290,498	7631109,277	H607	298572,268	7624364,911	H670	297503,023	7621274,219	H733	297447,130	7621982,234
H545	298195,995	7631112,505	H608	298580,435	7624215,597	H671	297247,435	7621147,218	H734	297199,946	7622144,866
H546	298184,353	7630628,846	H609	298485,185	7624105,795	H672	296948,456	7620545,555	H735	297186,780	7622314,551
H547	298235,153	7630571,696	H610	298116,724	7624113,421	H673	296820,397	7620352,938	H736	296339,846	7622524,895
H548	298224,457	7630468,372	H611	297851,507	7623728,763	H674	297025,714	7619609,986	H737	296285,871	7622293,120
H549	298180,120	7630436,229	H612	297957,252	7623629,768	H675	297335,806	7619567,653	H738	296177,128	7622240,732
H550	298176,857	7630292,371	H613	297896,463	7623461,662	H676	297706,410	7619420,660	H739	296054,096	7622316,933
H551	298235,153	7630224,561	H614	297810,496	7623472,117	H677	297746,373	7619272,066	H740	295840,577	7622280,420
H552	298188,587	7630024,536	H615	297736,413	7623323,950	H678	297622,615	7619178,185	H741	295301,785	7620955,301
H553	298509,099	7629912,412	H616	297802,559	7623253,835	H679	297696,280	7618957,429	H742	295381,524	7620850,344
H554	298737,243	7630022,733	H617	297760,225	7623096,408	H680	297983,899	7618951,239	H743	295307,969	7620719,640
H555	298844,755	7629838,269	H618	297688,788	7623011,741	H681	298152,312	7618764,111	H744	295187,482	7620749,771
H556	298542,071	7629689,044	H619	297474,475	7623059,366	H682	298434,888	7618692,674	H745	294757,397	7619976,424
H557	298555,629	7629372,071	H620	297442,725	7622789,490	H683	298628,563	7618611,711	H746	295019,996	7619699,272
H558	298499,344	7629367,568	H621	297500,933	7622640,000	H684	298676,982	7618313,260	H747	295241,585	7619969,809
H559	298495,592	7629223,477	H622	297987,767	7622894,001	H685	298827,471	7618294,283	H748	295364,485	7619945,467
H560	298295,215	7629221,225	H623	298017,996	7622995,866	H686	298851,607	7617987,029	H749	295417,401	7619832,225
H561	298279,455	7629348,055	H624	298429,953	7623183,191	H687	298659,519	7617927,497	H750	295053,340	7619376,529
H562	298076,403	7629334,501	H625	298556,953	7623156,204	H688	298161,837	7618079,898	H751	295043,022	7619274,929
H563	298045,711	7628637,058	H626	298774,441	7623257,804	H689	298076,906	7617792,560	H752	294746,158	7619084,429
H564	298410,789	7628611,840	H627	298847,467	7623345,910	H690	298200,400	7617717,539	H753	294508,827	7619001,879
H565	298710,980	7628426,474	H628	299546,006	7623370,107	H691	298138,653	7617517,563	H754	294435,008	7619082,048
H566	298987,905	7628324,410	H629	299900,980	7623332,584	H692	298001,962	7617292,882	H755	294422,308	7619188,410
H567	298895,597	7628127,035	H630	300335,504	7623587,747	H693	298156,744	7616943,631	H756	294639,796	7619279,692
H568	298594,656	7628238,105	H631	300501,651	7623835,826	H694	298007,254	7616823,246	H757	294545,339	7619420,979
H569	298340,996	7628400,957	H632	300633,606	7623802,053	H695	297914,650	7616532,203	H758	294326,423	7619367,815
H570	298024,296	7628421,219	H633	300689,962	7623706,803	H696	298087,853	7616462,667	H759	293949,391	7619149,533
H571	298001,782	7628144,294	H634	300605,031	7623559,958	H697	298078,692	7616292,755	H760	293868,534	7618944,464
H572	298484,115	7628037,700	H635	300748,266	7623325,081	H698	297874,962	7616279,526	H761	294045,540	7618876,201
H573	298495,504	7627931,149	H636	300907,367	7622892,058	H699	297840,023	7616021,856	H762	294009,716	7618683,072
H574	298450,344	7627825,316	H637	301272,099	7622175,356	H700	297819,761	7615855,251	H763	293816,041	7618711,647
H575	298003,378	7627889,873	H638	301374,915	7621748,337	H701	297981,123	7615495,134	H764	293819,216	7618548,663
H576	297948,344	7627259,105	H639	301695,368	7621511,187	H702	298251,349	7615252,467	H765	294093,166	7618501,550
H577	298365,542	7627260,209	H640	302015,070	7621504,434	H703	298103,182	7615087,102	H766	294667,842	7618041,175
H578	298361,038	7627379,534	H641	302246,216	7621445,147	H704	297629,577	7615061,967	H767	294721,023	7617860,993
H579	298438,337	7627473,344	H642	303199,348	7621857,797	H705	297411,691	7615478,137	H768	294892,557	7617712,774
H580	298648,470	7627384,788	H643	303305,182	7621657,771	H706	297267,599	7615902,530	H769	294935,495	7617382,377
H581	298658,977	7627268,464	H644	302260,475	7621192,987	H707	297263,658	7616442,308	H770	295307,605	7616865,628
H582	298918,641	7627274,469	H645	301973,794	7621284,545	H708	297352,582	7616745,177	H771	295438,574	7616834,672
H583	299034,197	7627048,497	H646	301587,300	7621295,051	H709	297545,720	7616862,718	H772	295503,662	7616734,660
H584	298853,221	7626969,122	H647	301155,777	7621604,996	H710	297474,118	7617050,788	H773	295457,624	7616657,666
H585	298785,057	7627054,580	H648	301061,216	7622101,809	H711	297295,740	7617028,804	H774	295629,869	7616410,015
H586	298652,223	7627052,328	H649	300704,739	7622802,751	H712	297191,047	7617820,741	H775	295791,000	7616472,721
H587	298631,961	7626836,942	H650	300550,141	7623224,518	H713	297293,061	7618217,006	H776	296077,544	7616208,402
H588	298446,594	7626849,700	H651	300428,564	7623384,368	H714	296851,023	7618616,463	H777	295956,534	7616096,874
H589	298370,795	7627047,074	H652	299946,760	7623106,692	H715	296717,044	7618591,509	H778	295650,506	7615949,639
H590	298203,440	7627041,070	H653	299547,507	7623145,716	H716	296414,624	7618938,378	H779	295499,693	7616038,539
H591	298176,423	7626828,686	H654	299076,596	7623029,997	H717	296464,631	7619148,723	H780	295517,156	7616178,240
H592	297927,707	7626870,696	H655	298998,651	7622906,657	H718	296263,458	7619400,112	H781	295326,021	7616438,607
H593	297883,852	7626281,468	H656	298854,147	7622879,978	H719	296186,818	7619420,186	H782	295055,351	7616203,656
H594	298054,030	7626186,439	H657	298760,485	7623003,803	H720	296121,730	7619582,905	H783	294420,615	7616606,617
H595	298001,592	7626024,822	H658	297696,791	7622484,954	H721	296218,568	7619716,255	H784	293934,045	7616719,330
H596	297795,217	7626024,822	H659	297837,986	7622201,320	H722	296319,474	7619755,232	H785	293715,763	7616966,187
H597	297825,644	7625803,894	H660	297694,572	7621906,133	H723	296533,787	7619635,375	H786	293560,558	7617260,123
H598	298738,833	7625736,040	H661	297878,258	7621859,338	H724	296764,305	7619715,820	H787	293535,952	7617577,624
H599	298859,571	7625597,519	H662	298064,525	7622126,038	H725	296629,301	7620174,068	H788	293610,565	7617676,049
H600	298844,260	7625315,296	H663	298398,959	7621922,838	H726	296412,607	7620066,911	H789	293847,103	7617585,561
H601	298570,151	7625332,229	H664	298314,292	7621711,171	H727	296307,832	7620119,299	H790	294371,667	7617980,866

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SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
H791	293932,457	7618301,542	H854	291649,116	7614166,873	H917	285081,569	7622098,207	H980	280992,791	7614788,516
H792	293628,027	7618265,013	H855	291582,291	7614287,672	H918	284324,090	7622336,355	H981	279250,771	7614926,100
H793	293556,589	7618045,937	H856	291833,117	7614671,848	H919	283415,573	7622905,665	H982	279235,766	7614548,197
H794	293123,201	7617338,704	H857	292034,350	7614723,558	H920	282942,544	7623100,563	H983	279480,853	7614455,405
H795	293155,772	7616806,378	H858	292309,897	7615220,595	H921	282165,835	7623138,191	H984	279820,578	7614106,154
H796	293077,412	7616711,138	H859	292189,247	7615303,145	H922	282273,904	7622742,941	H985	279790,945	7613993,971
H797	292698,174	7615753,532	H860	292340,589	7615824,904	H923	281941,696	7621947,438	H986	279680,878	7613951,637
H798	292677,554	7615523,924	H861	292517,331	7615895,813	H924	281919,072	7621768,152	H987	279226,031	7614303,037
H799	292967,273	7615457,778	H862	292838,950	7616758,207	H925	281711,552	7621227,983	H988	279211,989	7613949,380
H800	293100,888	7615281,829	H863	292825,751	7617266,754	H926	281632,503	7620745,678	H989	279135,942	7613649,190
H801	293063,846	7615136,308	H864	292752,960	7617297,958	H927	281119,180	7620238,356	H990	279163,960	7613430,051
H802	292869,377	7615149,537	H865	292599,501	7617530,792	H928	280780,065	7619302,317	H991	279536,085	7612849,575
H803	292845,564	7615004,016	H866	292362,109	7617526,764	H929	280916,591	7619211,300	H992	279625,142	7612547,384
H804	292955,102	7614915,116	H867	292034,862	7617789,307	H930	281308,175	7619259,983	H993	279625,143	7612162,140
H805	292911,710	7614764,833	H868	291931,261	7617706,310	H931	281621,442	7619240,933	H994	279767,662	7611469,841
H806	292662,968	7614736,753	H869	291801,499	7617823,703	H932	281658,484	7619105,466	H995	279872,437	7611428,565
H807	292501,571	7614933,868	H870	291852,299	7617937,474	H933	281580,167	7619028,208	H996	279914,453	7611301,973
H808	292067,242	7614249,370	H871	291635,192	7618107,949	H934	281398,133	7618991,166	H997	279807,878	7610900,456
H809	292274,592	7614128,773	H872	291776,893	7618272,041	H935	281345,217	7619025,033	H998	279725,328	7610860,239
H810	292241,784	7613953,089	H873	292348,147	7617843,001	H936	280991,732	7618965,766	H999	279658,543	7610529,735
H811	292124,309	7613926,631	H874	293109,072	7617754,382	H937	280982,207	7618743,515	H1000	279572,991	7609395,768
H812	291885,531	7614103,134	H875	293370,481	7618205,233	H938	280906,007	7618696,949	H1001	279679,561	7608158,987
H813	291691,855	7613849,927	H876	293165,733	7618402,728	H939	280740,907	7618721,291	H1002	280148,618	7608147,035
H814	291686,299	7613742,771	H877	293177,639	7618565,447	H940	280738,790	7618565,715	H1003	280131,729	7608318,118
H815	291546,599	7613620,533	H878	290888,251	7619156,215	H941	280360,964	7617548,655	H1004	280224,863	7608357,276
H816	291616,449	7613458,607	H879	289921,041	7619666,516	H942	280152,472	7616506,194	H1005	280333,871	7608356,218
H817	291816,474	7613450,670	H880	289586,607	7619716,258	H943	280295,348	7616443,753	H1006	280386,788	7608143,492
H818	292102,456	7613079,372	H881	289089,168	7619913,634	H944	280492,198	7616262,777	H1007	281341,406	7608042,950
H819	292217,319	7613037,919	H882	288979,099	7619892,620	H945	280458,331	7616152,710	H1008	282010,275	7607769,900
H820	292244,307	7612928,381	H883	288817,996	7620001,689	H946	280365,198	7616115,669	H1009	282863,101	7608140,759
H821	292169,694	7612814,875	H884	288294,379	7620675,110	H947	280051,515	7616112,748	H1010	283018,868	7608277,901
H822	292529,651	7612400,511	H885	285938,525	7621632,904	H948	279563,208	7615497,358	H1011	283033,685	7608378,443
H823	292653,707	7612526,949	H886	285859,150	7621510,137	H949	279372,361	7615148,415	H1012	283191,377	7608430,301
H824	292811,399	7612395,715	H887	286021,329	7620038,569	H950	282142,143	7614921,866	H1013	283303,560	7608230,276
H825	292685,650	7612220,593	H888	286047,785	7619098,037	H951	282581,352	7614830,849	H1014	283078,135	7608023,900
H826	292773,230	7612068,204	H889	286106,323	7618703,475	H952	282626,861	7614717,607	H1015	283253,819	7607763,550
H827	292604,793	7611946,485	H890	285898,069	7617540,053	H953	282809,953	7614633,999	H1016	283188,202	7607652,425
H828	292284,117	7612307,378	H891	285895,256	7616896,146	H954	282931,661	7614659,399	H1017	283070,727	7607648,191
H829	292040,895	7612318,992	H892	286203,140	7616159,931	H955	283301,020	7614335,548	H1018	282885,518	7607899,017
H830	291923,225	7612175,086	H893	286292,633	7616360,871	H956	283547,612	7614238,181	H1019	282350,499	7607671,935
H831	291749,582	7612269,329	H894	286556,050	7616261,246	H957	283979,413	7613646,572	H1020	282470,576	7607268,931
H832	291895,674	7612536,498	H895	286549,762	7616079,346	H958	284139,222	7612243,219	H1021	282262,695	7607199,137
H833	291800,458	7612634,403	H896	286628,096	7615888,636	H959	284234,472	7611178,534	H1022	282153,912	7607530,987
H834	291778,599	7612830,684	H897	286431,097	7615743,982	H960	284385,814	7610705,458	H1023	281999,130	7607472,778
H835	291620,346	7612784,526	H898	286302,203	7615752,987	H961	284437,673	7610359,382	H1024	281700,151	7607651,372
H836	291603,838	7612609,499	H899	286281,941	7615574,562	H962	284340,306	7610287,415	H1025	281596,465	7607645,016
H837	291468,141	7612579,370	H900	286081,989	7615153,360	H963	284220,714	7610323,399	H1026	281257,798	7607817,525
H838	291386,107	7612660,694	H901	285881,844	7615248,115	H964	284166,739	7610657,833	H1027	280423,830	7607914,892
H839	291316,547	7613324,986	H902	286057,924	7615621,278	H965	284010,105	7611118,209	H1028	279667,554	7607941,350
H840	291239,258	7613369,023	H903	286091,695	7615839,666	H966	283919,088	7612211,469	H1029	279668,069	7607568,739
H841	290852,190	7612835,487	H904	285674,054	7616846,051	H967	283819,605	7612960,771	H1030	279543,824	7607319,578
H842	290741,064	7612466,128	H905	285662,795	7617841,180	H968	283755,046	7613577,780	H1031	279754,873	7606874,316
H843	290423,564	7612189,902	H906	285847,410	7618628,052	H969	283392,037	7614059,323	H1032	279722,065	7606788,591
H844	290224,597	7612077,719	H907	285811,949	7619092,971	H970	283190,953	7614137,640	H1033	279643,748	7606752,608
H845	289960,145	7612042,794	H908	285782,678	7619978,905	H971	282997,278	7614309,090	H1034	279560,140	7606776,950
H846	289925,186	7612267,658	H909	285674,045	7621126,005	H972	282337,935	7614590,607	H1035	279390,069	7607106,594
H847	290150,513	7612302,086	H910	285527,140	7621081,539	H973	282263,852	7614542,982	H1036	279009,068	7606909,744
H848	290311,380	7612403,686	H911	285310,715	7621418,778	H974	282162,251	7614580,024	H1037	279124,956	7606646,218
H849	290310,322	7612580,428	H912	285452,805	7621491,824	H975	282082,876	7614702,791	H1038	279312,281	7606763,694
H850	290415,097	7612654,512	H913	285422,785	7621882,071	H976	281222,450	7614767,349	H1039	279413,825	7606709,216
H851	290524,106	7612591,012	H914	285280,695	7621953,115	H977	281162,124	7614568,382	H1040	279438,167	7606622,433
H852	290659,572	7612979,421	H915	285220,657	7621851,051	H978	281042,532	7614549,332	H1041	279241,316	7606336,682
H853	291081,848	7613540,338	H916	285057,554	7621928,099	H979	280958,924	7614630,824	H1042	279571,517	7605481,547

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SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
H1043	279676,292	7605134,413	H1106	274376,148	7602738,342	H1169	272912,470	7601181,530	H1232	279074,981	7607602,154
H1044	279775,776	7604624,295	H1107	274468,223	7602564,775	H1170	273288,179	7602469,524	H1233	279035,823	7607465,628
H1045	280218,160	7604224,245	H1108	274390,965	7602457,883	H1171	273469,334	7602664,565	H1234	279336,390	7607419,062
H1046	280196,993	7604095,128	H1109	274206,814	7602453,649	H1172	273292,413	7602776,442	H1235	279450,932	7607627,776
H1047	280074,226	7604062,319	H1110	274151,781	7602546,783	H1173	273307,229	7602988,109	H1236	279449,632	7607952,463
H1048	279574,692	7604501,528	H1111	273892,489	7602640,975	H1174	273566,521	7603137,334	H1237	279050,664	7608007,390
H1049	279355,616	7605422,280	H1112	273489,263	7602342,524	H1175	273692,463	7603085,476	H1238	279063,869	7608224,984
H1050	279102,674	7606037,173	H1113	273120,682	7601085,331	H1176	273694,580	7602972,234	H1239	279443,162	7608183,002
H1051	278825,390	7606750,227	H1114	273014,070	7600935,996	H1177	273841,689	7602899,209	H1240	279324,584	7609371,752
H1052	278659,496	7607218,276	H1115	273150,596	7600873,554	H1178	274097,230	7603176,332	H1241	279426,878	7610557,555
H1053	278218,028	7607528,086	H1116	273277,596	7600929,646	H1179	273441,638	7603682,377	H1242	279495,669	7610872,939
H1054	278009,396	7607558,104	H1117	273370,729	7600856,621	H1180	273454,338	7603813,610	H1243	279340,094	7610921,623
H1055	277795,511	7607657,917	H1118	273403,538	7600741,263	H1181	273578,163	7603855,944	H1244	279353,853	7611151,282
H1056	276939,220	7607653,412	H1119	273334,746	7600654,479	H1182	274172,567	7603403,803	H1245	279310,461	7611413,749
H1057	276663,521	7607488,811	H1120	273175,996	7600636,487	H1183	274224,661	7603561,092	H1246	279537,709	7611478,795
H1058	276946,668	7607215,861	H1121	272879,662	7600696,813	H1184	274199,406	7603933,202	H1247	279459,039	7611876,960
H1059	277036,627	7606443,276	H1122	272198,094	7600522,187	H1185	274211,048	7604426,387	H1248	279267,069	7611952,441
H1060	276992,177	7606371,310	H1123	271912,343	7600093,561	H1186	274146,489	7604477,187	H1249	279208,861	7612386,359
H1061	276835,543	7606308,868	H1124	272127,185	7599708,327	H1187	274140,139	7604579,845	H1250	279401,478	7612407,526
H1062	276751,935	7606362,843	H1125	272218,202	7599622,602	H1188	274223,748	7604667,687	H1251	279332,957	7612748,510
H1063	276736,060	7606476,085	H1126	272203,385	7599538,993	H1189	274232,214	7604882,529	H1252	279092,444	7613125,077
H1064	276799,560	7606535,351	H1127	272372,719	7599169,634	H1190	274298,657	7605289,537	H1253	278916,760	7613027,710
H1065	276731,826	7607103,678	H1128	272518,769	7599232,076	H1191	273758,962	7605515,116	H1254	278692,393	7613164,236
H1066	276459,834	7607367,203	H1129	272862,728	7598952,676	H1192	273756,845	7605672,808	H1255	278543,168	7613091,211
H1067	276131,750	7607144,953	H1130	273255,371	7598962,201	H1193	273857,387	7605729,958	H1256	278226,725	7613110,260
H1068	275774,033	7607012,661	H1131	273466,562	7598980,211	H1194	274334,117	7605521,393	H1257	278135,708	7613168,469
H1069	275449,124	7606898,361	H1132	274030,787	7598988,148	H1195	274368,007	7605742,981	H1258	278046,808	7613077,452
H1070	275586,587	7606721,226	H1133	274086,085	7598912,609	H1196	274537,424	7606504,525	H1259	277922,983	7613092,269
H1071	275419,419	7606584,452	H1134	274087,143	7598867,101	H1197	274685,509	7606601,256	H1260	277814,772	7613399,360
H1072	275291,650	7606729,106	H1135	274044,678	7598781,773	H1198	274605,630	7606797,819	H1261	277794,924	7613490,203
H1073	275209,473	7606675,071	H1136	273450,687	7598764,575	H1199	274672,306	7606887,777	H1262	277865,833	7613579,103
H1074	275360,320	7606134,730	H1137	273295,588	7598732,542	H1200	274792,956	7606899,419	H1263	278057,392	7613550,528
H1075	275152,626	7606079,570	H1138	272852,145	7598728,309	H1201	274878,923	7606727,598	H1264	278314,567	7613421,411
H1076	275010,973	7606546,993	H1139	272635,186	7598620,358	H1202	275075,531	7606856,027	H1265	278364,456	7613340,353
H1077	274737,801	7606370,565	H1140	272680,695	7598500,766	H1203	275089,290	7607079,336	H1266	278935,705	7613474,968
H1078	274650,081	7605848,492	H1141	272612,961	7598406,575	H1204	275443,057	7607200,779	H1267	278911,689	7613667,089
H1079	274585,522	7605692,917	H1142	272659,528	7598300,741	H1205	275712,946	7607227,890	H1268	278988,727	7613960,104
H1080	274491,507	7605097,371	H1143	272510,303	7598070,024	H1206	276008,983	7607359,795	H1269	278999,592	7614263,411
H1081	274697,882	7605028,579	H1144	272373,777	7598076,374	H1207	276362,013	7607574,657	H1270	278745,310	7614371,796
H1082	274936,008	7604791,512	H1145	272202,327	7598281,691	H1208	275212,025	7608625,570	H1271	278625,112	7614551,836
H1083	274929,657	7604729,071	H1146	272134,594	7598474,308	H1209	272879,454	7609476,472	H1272	278674,401	7614750,680
H1084	275326,533	7604565,029	H1147	272172,694	7598561,092	H1210	272030,669	7609952,723	H1273	279004,602	7614735,864
H1085	275355,108	7604677,212	H1148	272370,602	7598645,758	H1211	272098,402	7610109,357	H1274	279008,835	7614940,122
H1086	275460,942	7604705,787	H1149	271805,451	7599788,761	H1212	271495,151	7610238,474	H1275	278055,275	7615079,823
H1087	275561,484	7604646,520	H1150	271622,870	7599699,991	H1213	271241,151	7610376,057	H1276	277826,674	7614996,214
H1088	275546,667	7604513,170	H1151	271662,270	7599457,401	H1214	270261,132	7611502,126	H1277	277376,882	7615317,948
H1089	275887,451	7604446,495	H1152	271457,391	7599419,126	H1215	270445,282	7611637,593	H1278	277333,490	7615220,581
H1090	276019,743	7604296,211	H1153	271355,659	7599822,627	H1216	271059,117	7610996,242	H1279	277220,248	7615196,240
H1091	275986,935	7604184,028	H1154	271001,116	7599936,928	H1217	271374,501	7610587,724	H1280	277137,698	7615278,790
H1092	275795,376	7604114,178	H1155	270967,250	7600022,653	H1218	271541,718	7610477,657	H1281	277202,257	7615606,874
H1093	275624,984	7604271,870	H1156	270997,941	7600106,261	H1219	272337,586	7610310,440	H1282	277325,023	7615635,449
H1094	275404,850	7604187,203	H1157	271079,433	7600143,303	H1220	272409,553	7610204,607	H1283	277798,099	7615330,648
H1095	275287,375	7604336,428	H1158	271145,050	7600326,395	H1221	272331,236	7610041,623	H1284	277898,641	7615638,624
H1096	274708,465	7604575,612	H1159	271040,275	7600366,612	H1222	273017,038	7609671,206	H1285	278156,875	7615978,350
H1097	274443,882	7604500,470	H1160	270990,533	7600442,812	H1223	275311,509	7608845,704	H1286	278341,026	7616122,283
H1098	274445,998	7603578,660	H1161	271028,633	7600534,887	H1224	276568,840	7607700,537	H1287	278454,267	7616100,058
H1099	274644,926	7603397,990	H1162	271099,542	7600572,987	H1225	276872,428	7607885,308	H1288	278504,009	7615972,000
H1100	274894,085	7602963,716	H1163	271812,350	7600357,765	H1226	277848,794	7607874,804	H1289	278347,376	7615840,766
H1101	274709,969	7602847,643	H1164	272052,889	7600721,575	H1227	278059,678	7607773,490	H1290	278382,300	7615784,674
H1102	274483,040	7603201,893	H1165	272673,286	7600874,613	H1228	278307,688	7607734,446	H1291	278348,434	7615679,899
H1103	274358,156	7603243,168	H1166	272669,053	7600946,580	H1229	278398,705	7607784,187	H1292	278891,360	7615190,948
H1104	274269,690	7602979,725	H1167	272717,736	7601013,255	H1230	278702,447	7607816,996	H1293	279123,931	7615159,144
H1105	274122,148	7602798,667	H1168	272809,009	7601034,241	H1231	279000,898	7607677,296	H1294	279368,084	7615605,426

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
H1295	279557,688	7615853,201	H1358	278923,316	7623036,166	H1421	285088,295	7627688,236	H1484	293240,610	7619092,498
H1296	278845,428	7616178,110	H1359	280542,088	7623246,302	H1422	285211,372	7627821,821	H1485	293490,338	7619028,089
H1297	278806,270	7616264,894	H1360	281989,612	7623359,997	H1423	285278,915	7627790,301	H1486	293587,969	7619355,908
H1298	278794,628	7616533,711	H1361	282546,964	7623340,986	H1424	285409,497	7627986,175	H1487	293776,088	7619330,508
H1299	278881,412	7616626,845	H1362	281911,556	7624304,390	H1425	285597,116	7627890,115	H1488	293841,480	7619542,556
H1300	278994,653	7616601,445	H1363	281988,104	7624479,251	H1426	285537,078	7627743,772	H1489	293494,803	7619782,351
H1301	279101,545	7616496,669	H1364	281942,250	7624937,027	H1427	286057,908	7627453,340	H1490	293512,867	7620112,469
H1302	279061,329	7616324,161	H1365	281807,238	7625514,905	H1428	286096,933	7627514,879	H1491	293618,436	7620156,919
H1303	279553,455	7616105,085	H1366	281619,619	7625792,580	H1429	286357,626	7627557,465	H1492	293720,830	7620110,088
H1304	279576,214	7616350,897	H1367	281573,840	7625545,674	H1430	286454,992	7627758,549	H1493	293723,211	7619883,075
H1305	279882,597	7616373,902	H1368	281359,204	7625596,706	H1431	286690,557	7627683,737	H1494	294066,469	7619661,635
H1306	279957,739	7616673,411	H1369	281455,170	7626092,863	H1432	286941,215	7627826,327	H1495	294167,673	7619821,047
H1307	280146,122	7617679,888	H1370	281396,070	7626548,213	H1433	287891,314	7628785,435	H1496	294282,806	7619844,181
H1308	280509,132	7618621,807	H1371	281513,706	7626614,630	H1434	287404,255	7629249,978	H1497	294377,262	7619798,938
H1309	280503,794	7619058,610	H1372	281708,454	7626508,251	H1435	287710,447	7629665,741	H1498	294586,019	7620181,526
H1310	280567,340	7619425,083	H1373	281733,783	7626359,094	H1436	287986,622	7629740,789	H1499	294651,960	7620426,481
H1311	280923,056	7620352,428	H1374	281715,766	7626287,463	H1437	288200,507	7629924,656	H1500	294637,673	7620644,763
H1312	281427,767	7620885,587	H1375	281760,238	7626007,310	H1438	288414,391	7630218,842	H1501	294681,858	7620739,219
H1313	281497,617	7621355,487	H1376	282006,113	7625619,221	H1439	288428,650	7630415,466	H1502	294767,253	7620771,942
H1314	281696,584	7621813,747	H1377	282169,792	7624973,010	H1440	288238,459	7631054,256	H1503	294891,004	7620700,588
H1315	281722,558	7621996,468	H1378	282217,417	7624442,784	H1441	288041,404	7631006,089	H1504	295088,464	7621115,771
H1316	282039,756	7622757,950	H1379	282172,967	7624325,309	H1442	287958,431	7631175,672	H1505	295071,680	7621187,458
H1317	281935,768	7623128,199	H1380	282810,084	7623372,067	H1443	288135,370	7631321,672	H1506	295113,331	7621271,323
H1318	280683,929	7623017,408	H1381	283380,765	7623186,706	H1444	288691,559	7631345,298	H1507	295159,901	7621287,222
H1319	280656,162	7622684,948	H1382	284426,163	7622546,247	H1445	288690,897	7631121,064	H1508	295295,368	7621638,589
H1320	280707,194	7622555,867	H1383	284928,873	7622391,730	H1446	288506,350	7631087,329	H1509	295205,410	7621715,848
H1321	281343,596	7622913,094	H1384	284831,038	7622733,294	H1447	288634,280	7630479,257	H1510	295232,927	7621867,190
H1322	281457,532	7622698,647	H1385	284745,781	7622706,056	H1448	288805,388	7630263,872	H1511	295394,852	7621869,306
H1323	280764,323	7622313,413	H1386	284630,893	7622781,638	H1449	288857,171	7630095,015	H1512	295451,639	7622006,576
H1324	280556,889	7622338,813	H1387	284681,222	7622945,240	H1450	288674,056	7630028,973	H1513	295264,313	7622067,695
H1325	280370,232	7622200,892	H1388	284664,289	7623142,090	H1451	288598,954	7630065,374	H1514	295250,819	7622177,232
H1326	280222,389	7622290,948	H1389	284893,240	7623180,640	H1452	288349,101	7629755,799	H1515	295316,701	7622260,576
H1327	280322,997	7622522,964	H1390	285080,215	7622767,439	H1453	288093,940	7629549,419	H1516	295445,187	7622236,836
H1328	280429,889	7622555,772	H1391	285126,781	7622556,830	H1454	287843,528	7629461,411	H1517	295531,706	7622484,487
H1329	280445,764	7622986,515	H1392	285204,040	7622513,439	H1455	287701,443	7629270,992	H1518	295611,875	7622525,762
H1330	278867,781	7622802,769	H1393	285250,607	7622316,588	H1456	288001,633	7628980,559	H1519	295674,253	7622758,308
H1331	278247,138	7623226,035	H1394	285451,690	7622394,905	H1457	288194,896	7628901,552	H1520	295566,631	7622789,287
H1332	277919,517	7623271,207	H1395	285516,249	7622184,296	H1458	288206,513	7628767,425	H1521	295431,693	7623012,332
H1333	277672,274	7623590,013	H1396	285691,566	7622153,357	H1459	287071,048	7627643,212	H1522	295479,318	7623130,601
H1334	277611,486	7623560,745	H1397	285795,253	7622371,879	H1460	286415,134	7627277,730	H1523	295593,619	7623132,188
H1335	277482,404	7623695,830	H1398	285705,191	7624509,229	H1461	286305,565	7627275,478	H1524	295829,828	7623308,642
H1336	277624,243	7623844,424	H1399	285400,890	7624535,918	H1462	286211,758	7626281,100	H1525	296042,171	7624531,079
H1337	277628,475	7624067,075	H1400	285362,225	7624233,804	H1463	286321,642	7625370,944	H1526	295942,011	7624676,012
H1338	277572,383	7624127,400	H1401	285146,089	7624257,069	H1464	286403,881	7625285,971	H1527	295963,683	7624848,191
H1339	277579,791	7624220,534	H1402	285178,640	7624639,635	H1465	287435,783	7625133,627	H1528	296065,283	7624892,641
H1340	277630,591	7624278,742	H1403	285155,356	7624815,318	H1466	287658,675	7624863,457	H1529	296043,612	7625214,704
H1341	277679,026	7624756,250	H1404	285324,690	7624865,060	H1467	287434,284	7624626,307	H1530	296164,262	7625666,614
H1342	277630,245	7625076,702	H1405	285393,482	7624761,343	H1468	287287,190	7624768,897	H1531	296223,529	7626936,616
H1343	277396,846	7625296,591	H1406	285686,641	7624737,002	H1469	287298,447	7624928,748	H1532	294991,426	7626964,156
H1344	277200,973	7625404,659	H1407	285810,466	7624914,802	H1470	286600,101	7625026,047	H1533	294980,842	7626808,581
H1345	277320,298	7625556,255	H1408	285726,857	7624977,244	H1471	286559,230	7624777,901	H1534	295165,525	7626656,637
H1346	277556,697	7625590,026	H1409	285722,624	7625100,010	H1472	286065,170	7624854,480	H1535	295201,548	7626563,578
H1347	277641,501	7625483,459	H1410	285575,358	7625174,149	H1473	285929,583	7624674,334	H1536	295467,967	7626425,492
H1348	277600,958	7625407,986	H1411	285648,904	7625382,030	H1474	286027,900	7622341,861	H1537	295379,411	7626231,119
H1349	277838,126	7625184,021	H1412	286038,400	7625204,169	H1475	285841,111	7621932,458	H1538	295024,437	7626406,729
H1350	277903,642	7624792,035	H1413	286096,937	7625306,984	H1476	288430,750	7620863,788	H1539	294899,107	7626584,591
H1351	277866,600	7624375,051	H1414	285966,353	7626227,065	H1477	289025,127	7620133,773	H1540	294554,640	7626050,253
H1352	277849,667	7623906,208	H1415	286074,419	7627200,430	H1478	289156,210	7620159,789	H1541	294374,526	7626183,086
H1353	277900,467	7623815,191	H1416	285627,136	7627395,553	H1479	289661,530	7619946,656	H1542	294757,267	7626768,457
H1354	277864,484	7623708,299	H1417	285566,348	7627316,753	H1480	289997,019	7619896,236	H1543	294555,391	7626857,264
H1355	278052,867	7623489,224	H1418	285417,754	7627347,522	H1481	290954,070	7619387,472	H1544	294514,864	7626924,555
H1356	278308,677	7623436,167	H1419	285377,228	7627560,656	H1482	291146,958	7619352,584	H1545	293858,949	7626953,072
H1357	278602,112	7623295,829	H1420	285242,893	7627530,637	H1483	293156,473	7618814,156	H1546	293865,703	7627175,212

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
H1547	294704,617	7627134,548	H1610	292885,272	7633837,648	H1673	292926,681	7637878,747	H1736	296865,143	7634773,746
H1548	294759,650	7627280,599	H1611	292882,097	7633944,011	H1674	293045,744	7637808,632	H1737	297184,760	7634576,895
H1549	295036,442	7627275,028	H1612	292952,741	7634040,055	H1675	293181,858	7637796,520	H1738	297230,268	7634493,287
H1550	294982,073	7627911,346	H1613	293065,454	7634047,198	H1676	293608,512	7638679,745	H1739	297115,968	7634149,328
H1551	294603,834	7627970,633	H1614	293133,716	7633975,761	H1677	293742,921	7638689,270	H1740	297005,901	7634114,403
H1552	294788,449	7629037,808	H1615	293665,060	7634000,187	H1678	293800,071	7638579,203	H1741	296951,926	7633757,744
H1553	294568,560	7629098,595	H1616	293768,455	7634335,175	H1679	293415,874	7637775,696	H1742	297293,768	7633277,259
H1554	294680,380	7629380,024	H1617	293276,329	7634638,917	H1680	294361,460	7637691,553	H1743	297477,391	7633184,632
H1555	295186,950	7629390,531	H1618	292957,770	7634744,751	H1681	294566,923	7637728,910	H1744	297789,465	7633096,341
H1556	295204,211	7629176,646	H1619	292797,961	7635107,760	H1682	294795,066	7638301,272	H1745	297928,182	7633657,994
H1557	295034,604	7629158,634	H1620	292833,945	7635217,827	H1683	295008,534	7638229,227	H1746	297802,402	7633787,162
H1558	294868,751	7628159,753	H1621	292460,352	7635746,994	H1684	294743,035	7637512,774	H1747	297809,461	7633931,169
H1559	295181,358	7628101,781	H1622	292266,677	7635899,924	H1685	294405,488	7637459,406	H1748	297906,877	7633991,172
H1560	295249,652	7627646,243	H1623	292259,269	7635998,349	H1686	293028,546	7637575,798	H1749	297500,974	7634129,531
H1561	295267,664	7627310,781	H1624	291429,534	7636782,576	H1687	292883,025	7637627,392	H1750	297555,330	7634340,601
H1562	295425,264	7627305,528	H1625	291136,375	7636954,026	H1688	292576,108	7636046,503	H1751	297760,752	7634307,423
H1563	295432,018	7627173,445	H1626	290678,115	7636987,893	H1689	292654,160	7635973,743	H1752	297878,640	7634276,363
H1564	296217,708	7627168,392	H1627	290338,390	7636842,901	H1690	292670,035	7635854,680	H1753	297943,724	7634208,606
H1565	296202,891	7627624,534	H1628	289882,247	7636328,550	H1691	293127,236	7635193,749	H1754	297903,771	7634799,157
H1566	296098,116	7627717,668	H1629	289669,522	7636154,983	H1692	293061,619	7635067,808	H1755	297664,040	7634833,331
H1567	296107,641	7628128,302	H1630	289595,438	7636017,399	H1693	293120,886	7634933,399	H1756	297683,805	7635050,754
H1568	296177,491	7628214,027	H1631	289281,113	7635664,973	H1694	293369,595	7634857,199	H1757	297929,171	7635015,851
H1569	296119,283	7628947,454	H1632	289279,920	7635569,614	H1695	294326,330	7634251,831	H1758	297943,459	7635400,027
H1570	296025,419	7629012,035	H1633	289058,331	7635258,728	H1696	294591,972	7634010,531	H1759	298060,140	7635595,290
H1571	296066,895	7631093,229	H1634	288986,232	7634717,654	H1697	294716,722	7633851,936	H1760	297976,797	7635672,284
H1572	295542,490	7630902,199	H1635	288904,211	7634656,138	H1698	295183,712	7633891,623	H1761	298015,690	7635805,634
H1573	295459,940	7630849,812	H1636	288745,461	7634674,659	H1699	295280,285	7633855,904	H1762	298189,522	7635821,509
H1574	295367,864	7630876,799	H1637	288717,679	7634803,644	H1700	295300,129	7633754,040	H1763	298362,560	7636235,848
H1575	294992,510	7630778,685	H1638	288787,794	7634881,035	H1701	295236,629	7633632,331	H1764	298403,041	7636481,117
H1576	294885,006	7630468,552	H1639	288828,805	7635220,363	H1702	295010,410	7633578,091	H1765	297976,797	7636526,361
H1577	294773,560	7630448,288	H1640	288707,758	7635343,395	H1703	295113,732	7633288,746	H1766	297726,765	7636595,417
H1578	294754,294	7630369,592	H1641	288793,747	7635634,437	H1704	295180,407	7633049,562	H1767	297364,020	7636724,005
H1579	294639,994	7630333,873	H1642	289031,873	7635838,167	H1705	295638,666	7632511,928	H1768	296956,826	7636995,468
H1580	294544,744	7630410,867	H1643	289127,784	7635829,568	H1706	296148,784	7631512,859	H1769	297087,745	7637173,029
H1581	294032,843	7630269,862	H1644	289414,463	7636156,041	H1707	296393,259	7631550,959	H1770	297480,236	7636913,253
H1582	293975,994	7630286,747	H1645	289491,721	7636295,741	H1708	296447,234	7631876,926	H1771	298029,978	7636749,405
H1583	293856,669	7630204,570	H1646	289737,255	7636500,000	H1709	296397,021	7631933,418	H1772	298439,554	7636693,842
H1584	293627,587	7629848,282	H1647	289916,114	7636737,067	H1710	296499,093	7632178,552	H1773	296756,377	7630967,486
H1585	293439,031	7629962,541	H1648	290198,690	7637022,818	H1711	296541,426	7632731,003	H1774	296717,941	7630690,290
H1586	293625,580	7630256,879	H1649	290618,849	7637215,435	H1712	296232,392	7632929,970	H1775	296639,960	7630493,352
H1587	293604,148	7630360,861	H1650	291200,933	7637182,626	H1713	295891,608	7633199,845	H1776	296710,868	7630168,443
H1588	293681,142	7630438,648	H1651	291545,951	7636979,426	H1714	295940,292	7633319,437	H1777	296627,260	7629890,101
H1589	293793,061	7630427,536	H1652	292371,055	7636217,160	H1715	296148,784	7633367,063	H1778	296335,159	7629863,643
H1590	293949,430	7630529,930	H1653	292763,574	7638238,604	H1716	296258,851	7633303,562	H1779	296488,618	7627896,197
H1591	294175,807	7630575,493	H1654	292138,484	7638715,728	H1717	296250,250	7633219,316	H1780	296516,134	7627149,012
H1592	294725,342	7630659,109	H1655	291810,400	7638532,636	H1718	296764,601	7632874,827	H1781	296579,634	7627068,579
H1593	294766,430	7630785,189	H1656	291841,991	7638407,458	H1719	296752,035	7632504,519	H1782	296577,518	7626989,203
H1594	294734,347	7630836,971	H1657	291655,883	7638351,661	H1720	296867,394	7632409,269	H1783	296521,114	7626932,168
H1595	294762,490	7630929,280	H1658	291565,925	7638522,053	H1721	296774,260	7632203,952	H1784	296537,301	7626676,995
H1596	294835,098	7630968,117	H1659	291550,050	7638654,344	H1722	297343,247	7631908,279	H1785	296493,909	7626590,211
H1597	295939,101	7631292,460	H1660	291854,850	7638812,036	H1723	297617,092	7632548,837	H1786	296433,584	7625712,851
H1598	295938,043	7631404,644	H1661	292066,517	7639032,170	H1724	297536,923	7632642,500	H1787	296307,642	7625215,433
H1599	295452,267	7632375,138	H1662	292391,426	7639298,871	H1725	297567,086	7632769,500	H1788	296335,159	7624781,516
H1600	294982,366	7632919,122	H1663	292516,310	7639243,837	H1726	297715,517	7632790,931	H1789	296117,142	7623339,005
H1601	294862,774	7633224,981	H1664	292548,060	7638903,053	H1727	297751,094	7632873,496	H1790	296284,359	7623309,371
H1602	294512,847	7633142,897	H1665	292447,518	7638766,528	H1728	297387,433	7632974,288	H1791	296355,267	7623224,704
H1603	294411,127	7633423,310	H1666	292756,552	7638524,169	H1729	297132,901	7633106,867	H1792	296293,884	7623054,312
H1604	294081,720	7633347,903	H1667	292840,161	7638776,053	H1730	296783,651	7633603,227	H1793	296162,650	7622961,179
H1605	293884,605	7633325,414	H1668	292979,861	7638822,620	H1731	296688,401	7633586,293	H1794	296201,809	7622781,262
H1606	293817,136	7633444,476	H1669	293087,811	7638746,420	H1732	296611,142	7633657,202	H1795	297110,919	7622590,761
H1607	293876,405	7633574,232	H1670	293107,919	7638435,269	H1733	296528,592	7634082,653	H1796	297215,694	7623138,979
H1608	293815,022	7633771,082	H1671	293063,469	7638209,844	H1734	296723,326	7634292,203	H1797	297392,436	7623564,430
H1609	293072,936	7633745,775	H1672	292978,803	7638180,210	H1735	296760,367	7634717,654	H1798	297644,320	7623899,922

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
H1799	297426,303	7624403,690	B40	321138,539	7625358,802	B103	324276,335	7630183,756	B166	322114,832	7623224,055
H1800	297600,928	7625220,725	B41	321312,183	7625369,169	B104	324315,867	7630137,871	B167	322008,305	7623105,415
H1801	297358,569	7625480,017	B42	321346,078	7625665,171	B105	324315,867	7630045,396	B168	322563,043	7622738,762
H1802	297174,419	7625898,060	B43	321509,851	7625743,528	B106	324268,570	7630000,217	B169	322721,002	7622849,111
H1803	297303,536	7626661,120	B44	321510,297	7626253,841	B107	324265,747	7629826,561	B170	323486,216	7623121,596
H1804	297519,436	7627051,645	B45	322585,161	7626834,180	B108	324586,234	7629803,267	B171	324270,491	7623402,553
H1805	297234,744	7627319,404	B46	322762,853	7627170,190	B109	324569,998	7629580,902	B172	324559,916	7623758,336
H1806	297253,794	7627849,630	B47	322761,440	7627485,029	B110	324261,512	7629607,727	B173	324943,935	7624112,002
H1807	297176,994	7628407,328	B48	322599,078	7627964,347	B111	324253,041	7629405,128	B174	324329,786	7624309,657
H1808	297266,494	7629098,466	B49	322062,581	7628092,117	B112	324372,341	7629405,834	B175	324341,080	7624716,972
H1809	297371,269	7629159,849	B50	321871,050	7627706,943	B113	324362,459	7629189,824	B176	324561,326	7624723,326
H1810	297822,055	7628959,004	B51	321658,091	7627434,907	B114	324498,884	7629111,814	B177	324557,797	7624477,666
H1811	297895,145	7629952,543	B52	321460,433	7627606,445	B115	324610,236	7628990,755	B178	325064,646	7624304,011
H1812	297403,020	7630060,493	B53	322139,938	7628781,225	B116	324318,693	7628747,919	B179	325634,320	7625680,552
H1813	297388,203	7629763,101	B54	322281,413	7629292,884	B117	324372,343	7628630,737	B180	325633,613	7625911,387
H1814	297269,669	7629712,301	B55	322661,904	7629690,353	B118	324229,747	7628520,613	B181	325651,261	7626081,513
H1815	297171,244	7629774,742	B56	322646,061	7629885,425	B119	324219,159	7628274,954	B182	325799,503	7626332,820
H1816	297171,041	7629985,570	B57	322755,805	7629980,972	B120	324296,104	7628217,069	B183	325860,918	7626359,645
H1817	297103,510	7630058,376	B58	322844,027	7630547,301	B121	324291,869	7627959,409	B184	326169,403	7627262,514
H1818	297138,436	7630453,135	B59	323130,630	7630528,947	B122	324209,277	7627876,110	B185	326095,987	7627303,458
H1819	297321,528	7630929,386	B60	323046,318	7630116,703	B123	324200,101	7627516,092	B186	326187,050	7627472,172
H1820	297093,986	7631154,812	B61	323114,581	7630032,565	B124	324407,275	7627509,190	B187	326279,526	7627458,760
H1821	297122,561	7631445,854	B62	323105,056	7629905,565	B125	324451,748	7627096,935	B188	326440,474	7627755,951
H1822	296557,409	7631342,137	B63	323008,218	7629861,115	B126	324758,116	7627269,885	B189	326271,054	7627838,543
B1	324992,746	7618591,176	B64	322959,093	7629645,844	B127	325073,662	7627036,227	B190	326376,941	7628024,906
B2	317751,134	7621860,167	B65	322997,106	7629451,539	B128	324848,474	7626763,742	B191	326739,782	7628293,155
B3	318112,958	7622584,590	B66	322944,718	7629348,352	B129	324638,111	7626940,221	B192	326676,250	7628364,453
B4	318250,794	7622557,952	B67	322668,929	7629360,635	B130	324271,024	7626662,984	B193	326933,203	7628934,129
B5	318555,087	7623451,333	B68	322504,483	7629198,997	B131	324300,128	7626411,629	B194	327081,446	7628903,069
B6	319164,688	7624433,468	B69	322404,244	7628740,151	B132	324580,587	7626506,880	B195	327348,282	7629485,452
B7	319335,555	7624979,038	B70	322190,197	7628300,076	B133	324669,878	7626336,662	B196	326856,962	7629755,817
B8	319426,607	7624996,110	B71	322693,529	7628190,223	B134	324494,105	7626232,185	B197	326962,850	7629953,474
B9	319467,065	7625160,164	B72	322943,606	7628403,153	B135	324938,128	7625876,404	B198	327483,817	7629660,519
B10	319680,156	7625450,648	B73	323037,268	7628396,009	B136	324792,709	7625714,748	B199	328073,964	7629999,361
B11	319873,598	7625356,496	B74	323103,150	7628330,922	B137	324145,381	7626211,713	B200	328195,382	7629825,705
B12	319770,098	7625122,819	B75	323115,056	7628254,722	B138	323786,776	7625853,812	B201	327773,950	7629464,981
B13	319644,724	7625032,656	B76	322910,269	7628071,364	B139	323426,052	7625918,756	B202	327766,891	7629368,976
B14	319623,183	7624899,746	B77	322995,994	7627863,401	B140	323454,288	7626114,295	B203	327684,299	7629288,501
B15	319874,866	7624954,964	B78	322933,774	7627715,673	B141	324047,964	7626412,900	B204	327541,703	7629356,269
B16	319933,664	7624747,896	B79	322989,452	7627525,267	B142	324033,846	7626561,848	B205	327430,169	7629114,139
B17	319500,988	7624654,531	B80	322979,569	7627163,837	B143	323899,721	7626629,616	B206	327601,001	7628972,956
B18	319437,768	7624467,714	B81	323969,972	7627069,246	B144	323961,842	7626848,451	B207	327473,230	7628740,003
B19	319513,859	7624407,183	B82	323998,207	7628237,540	B145	322902,965	7626935,982	B208	327293,221	7628826,124
B20	319472,646	7624256,734	B83	323477,945	7628304,601	B146	322770,328	7626642,240	B209	327192,981	7628620,702
B21	319379,408	7624257,971	B84	323495,593	7628534,730	B147	321781,271	7626059,643	B210	327390,638	7628530,345
B22	319308,621	7624096,918	B85	323941,027	7628502,965	B148	321763,616	7625704,154	B211	327315,105	7628300,215
B23	319738,305	7624029,184	B86	323759,107	7628687,950	B149	322326,232	7625717,567	B212	327061,681	7628403,985
B24	319715,022	7623794,234	B87	323924,207	7628935,601	B150	322329,056	7625500,851	B213	326940,263	7628197,151
B25	319613,422	7623682,050	B88	324016,283	7628941,951	B151	321775,734	7625472,886	B214	327139,332	7628073,616
B26	319175,271	7623773,067	B89	324037,030	7629456,660	B152	321767,146	7625258,720	B215	327014,385	7627890,783
B27	319099,600	7623058,294	B90	323754,663	7629455,954	B153	321945,743	7625070,240	B216	326828,023	7628010,788
B28	319280,840	7622899,543	B91	323763,840	7629679,024	B154	321800,325	7624912,820	B217	326518,126	7627431,229
B29	319636,705	7623362,565	B92	324043,383	7629675,495	B155	321564,066	7625138,452	B218	326782,845	7627303,459
B30	320118,248	7623141,638	B93	324046,978	7630024,916	B156	321494,216	7624967,002	B219	326907,086	7627524,411
B31	320185,583	7623470,005	B94	324015,852	7630055,278	B157	321678,367	7624541,551	B220	327101,214	7627424,171
B32	320868,696	7623397,314	B95	324016,557	7630166,107	B158	321589,467	7624397,617	B221	326943,089	7627131,921
B33	321087,815	7624545,784	B96	324046,206	7630189,403	B159	321539,608	7624022,214	B222	326979,091	7626675,192
B34	320463,398	7624649,501	B97	324049,029	7630810,610	B160	321443,086	7623760,611	B223	326755,315	7626659,662
B35	320412,598	7624903,502	B98	324261,510	7630816,964	B161	321591,624	7623569,826	B224	326748,256	7626817,081
B36	320785,132	7625115,169	B99	324271,393	7630534,597	B162	321862,948	7623824,131	B225	326552,011	7626793,786
B37	320695,117	7625303,171	B100	324361,045	7630516,243	B163	322233,366	7623869,639	B226	326456,712	7626962,500
B38	320878,055	7625431,511	B101	324367,398	7630319,998	B164	322291,574	7623607,172	B227	326677,664	7627108,625
B39	320977,590	7625255,032	B102	324277,747	7630298,114	B165	321999,474	7623431,488	B228	326429,886	7627220,866

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
B229	326274,585	7626821,316	B292	323879,227	7622909,863	B355	331403,846	7623350,493	B418	329992,213	7620232,958
B230	326550,599	7626674,486	B293	323648,943	7622930,588	B356	331006,611	7623268,985	B419	330412,558	7620462,806
B231	326469,419	7626483,182	B294	323614,547	7622700,400	B357	330960,704	7623478,845	B420	330689,249	7620496,534
B232	326229,407	7626586,951	B295	324000,840	7622491,379	B358	331142,457	7623521,004	B421	330680,426	7621019,649
B233	326112,270	7626287,449	B296	323897,652	7622073,336	B359	331029,095	7623693,389	B422	330284,595	7621204,213
B234	326252,400	7626197,323	B297	323310,276	7622224,149	B360	331205,696	7623818,931	B423	330183,882	7620686,589
B235	326032,796	7625609,946	B298	323182,673	7622142,488	B361	331384,171	7623568,317	B424	329973,553	7620733,901
B236	325871,814	7625672,640	B299	322855,552	7622189,930	B362	331457,248	7623579,091	B425	330015,712	7620953,130
B237	325738,796	7625332,535	B300	322745,750	7622267,983	B363	331683,503	7623423,570	B426	329712,633	7621096,940
B238	326274,588	7625093,935	B301	322342,392	7622013,321	B364	331794,991	7623592,208	B427	329788,988	7621301,179
B239	326331,061	7625184,293	B302	322441,779	7621867,622	B365	331924,749	7623588,929	B428	330058,340	7621172,359
B240	326527,307	7625128,526	B303	322603,151	7621815,423	B366	332014,221	7623360,332	B429	330074,266	7621304,927
B241	326501,188	7625029,697	B304	322580,571	7621614,450	B367	331967,846	7623283,508	B430	329778,213	7621421,099
B242	327243,107	7625089,702	B305	322292,951	7621606,346	B368	331835,278	7623230,106	B431	329116,310	7621501,201
B243	327266,403	7624863,102	B306	322276,414	7620981,266	B369	331941,614	7622974,339	B432	329131,769	7621451,078
B244	326652,961	7624823,570	B307	323559,646	7620372,723	B370	331910,229	7622689,060	B433	329091,015	7621330,689
B245	327070,788	7624269,768	B308	323867,225	7620805,979	B371	331974,873	7622712,013	B434	328764,045	7621387,838
B246	326923,445	7624137,667	B309	324601,445	7620521,552	B372	332072,309	7622582,725	B435	328634,288	7621477,778
B247	326671,100	7624386,625	B310	324834,899	7620135,172	B373	331948,173	7622420,645	B436	328413,185	7621417,349
B248	326596,786	7624366,288	B311	325678,779	7620419,084	B374	332105,568	7622218,748	B437	327871,203	7621013,554
B249	326506,893	7624498,444	B312	325843,424	7620267,989	B375	332199,724	7622186,895	B438	327844,034	7620749,355
B250	326576,722	7624566,615	B313	325654,514	7620030,439	B376	332263,900	7622303,536	B439	327941,469	7620621,004
B251	326393,183	7624803,803	B314	325727,224	7619784,074	B377	332489,219	7622215,939	B440	327984,098	7620451,429
B252	325647,733	7625130,642	B315	325751,424	7619538,613	B378	332471,887	7622107,729	B441	327875,889	7620297,313
B253	325488,902	7624751,564	B316	326404,058	7619611,986	B379	332534,189	7622090,397	B442	327829,514	7619976,901
B254	325626,556	7624687,326	B317	327372,318	7619959,100	B380	332904,723	7622272,620	B443	327644,481	7619781,562
B255	325917,395	7624433,196	B318	327544,235	7619988,143	B381	333000,285	7622086,182	B444	327431,342	7619748,303
B256	326225,686	7624002,179	B319	327664,623	7620389,126	B382	332843,827	7621994,368	B445	326456,523	7619398,378
B257	326064,795	7623871,772	B320	327750,815	7620494,525	B383	332930,020	7621925,039	B446	326053,667	7619321,554
B258	325401,369	7624539,082	B321	327623,400	7620688,458	B384	333248,557	7622096,020	B447	325810,589	7619319,029
B259	325333,909	7624373,012	B322	327665,090	7621135,816	B385	333697,790	7621859,928	D1	331310,175	7606836,502
B260	325444,373	7624280,407	B323	328112,916	7621463,724	B386	333603,166	7621665,526	D2	331999,150	7606239,396
B261	325331,484	7624035,763	B324	327880,102	7621580,833	B387	333369,664	7621783,462	D3	332177,568	7605849,623
B262	325207,242	7624076,000	B325	328029,533	7621898,434	B388	333227,947	7621300,612	D4	332107,938	7605310,362
B263	325150,769	7623935,522	B326	328218,314	7621823,953	B389	333021,834	7621371,346	D5	332434,743	7604843,146
B264	325409,135	7623773,162	B327	328167,255	7621675,458	B390	333091,163	7621614,465	D6	332776,056	7604041,457
B265	325309,601	7623577,622	B328	328358,377	7621646,884	B391	332311,681	7621929,723	D7	333233,257	7603920,807
B266	325090,060	7623709,629	B329	328653,962	7621707,313	B392	332203,680	7621690,336	D8	333401,532	7604158,932
B267	325256,658	7623217,604	B330	328757,018	7621778,515	B393	331814,669	7621582,141	D9	333542,820	7604181,157
B268	325311,014	7622832,173	B331	328856,795	7621761,183	B394	331771,573	7621758,273	D10	333779,253	7604460,558
B269	326405,188	7622510,277	B332	328861,480	7621736,356	B395	331528,454	7621559,187	D11	333710,461	7604643,650
B270	326648,023	7622861,118	B333	329725,748	7621679,208	B396	331801,085	7621083,254	D12	333751,736	7604788,642
B271	327087,104	7622626,048	B334	329758,538	7621739,637	B397	331628,232	7620944,128	D13	333703,052	7604853,200
B272	326989,688	7622411,449	B335	329925,064	7621678,541	B398	331357,474	7621417,718	D14	333594,044	7604799,225
B273	326853,318	7622474,445	B336	329911,495	7621628,033	B399	331118,103	7621222,848	D15	333479,743	7604853,200
B274	326775,531	7622325,220	B337	330178,259	7621525,093	B400	331108,734	7621175,536	D16	333485,035	7604975,967
B275	326945,394	7621960,094	B338	330178,728	7621494,176	B401	331038,468	7621120,260	D17	333623,677	7605076,509
B276	326867,565	7621863,657	B339	330771,927	7621218,631	B402	330996,777	7621124,007	D18	333620,238	7605254,023
B277	327060,281	7621547,406	B340	330990,687	7621396,638	B403	330898,484	7621034,301	D19	333486,623	7605275,189
B278	326998,866	7621426,694	B341	331006,145	7621450,977	B404	330907,853	7620466,554	D20	333433,706	7605348,611
B279	326786,385	7621432,341	B342	331104,049	7621518,432	B405	331024,651	7620458,435	D21	333450,242	7605442,539
B280	326729,912	7621231,154	B343	331138,713	7621518,432	B406	331095,228	7620526,515	D22	333529,618	7605490,825
B281	326512,489	7621307,393	B344	331562,181	7621873,509	B407	331238,257	7620960,601	D23	333703,582	7605474,950
B282	326624,729	7621641,998	B345	331297,513	7621958,296	B408	331443,121	7620878,781	D24	333817,353	7605420,710
B283	326543,549	7621692,824	B346	331337,798	7622224,837	B409	331288,225	7620402,223	D25	333875,561	7605291,726
B284	326599,316	7621880,599	B347	331484,888	7622431,887	B410	331107,096	7620234,209	D26	333844,737	7605183,776
B285	326364,951	7622251,205	B348	331075,004	7622502,152	B411	330913,475	7620246,701	D27	333929,801	7605053,600
B286	325104,887	7622657,811	B349	331119,505	7622715,291	B412	330922,220	7619870,701	D28	334055,478	7604817,459
B287	324938,289	7623407,496	B350	331435,701	7622658,611	B413	330704,865	7619877,571	D29	333958,905	7604691,782
B288	324835,225	7623428,673	B351	331461,465	7622727,471	B414	330695,495	7620272,933	D30	333986,025	7604576,026
B289	324772,711	7623599,382	B352	331676,757	7622680,494	B415	330335,110	7620159,883	D31	334100,986	7604688,100
B290	324403,203	7623219,015	B353	331701,305	7622941,079	B416	330368,838	7620071,816	D32	334212,112	7604672,225
B291	324150,485	7623039,005	B354	331599,185	7623211,836	B417	330222,685	7619968,760	D33	334270,849	7604569,037

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D34	334135,912	7604387,532	D97	334680,015	7601748,183	D160	337369,124	7601054,712	D223	343525,004	7601291,577
D35	334215,287	7604326,149	D98	334621,674	7601654,917	D161	337881,731	7601001,230	D224	344009,193	7601122,244
D36	334353,400	7604372,187	D99	334425,861	7601658,459	D162	338297,657	7601265,813	D225	344034,725	7600969,447
D37	334465,054	7604505,779	D100	334164,804	7601521,401	D163	338258,498	7601352,597	D226	343899,390	7600848,796
D38	334555,542	7604495,461	D101	333979,066	7601635,702	D164	338372,683	7601746,595	D227	343805,728	7600895,628
D39	334626,185	7604430,373	D102	333852,066	7601505,526	D165	338555,416	7601740,701	D228	343659,942	7600869,566
D40	334611,104	7604336,710	D103	333896,516	7601429,326	D166	338461,699	7602423,632	D229	343487,962	7600545,451
D41	334531,729	7604231,935	D104	333980,654	7601419,801	D167	338558,360	7603699,927	D230	343150,618	7600243,164
D42	334901,617	7604111,285	D105	334058,441	7601303,913	D168	338456,407	7603697,868	D231	343033,540	7599938,231
D43	334947,787	7604017,622	D106	333996,529	7601202,313	D169	338406,666	7603877,785	D232	342892,649	7599970,643
D44	334918,418	7603945,391	D107	334272,754	7600683,200	D170	338710,408	7604213,278	D233	342818,565	7599844,304
D45	335027,956	7603849,347	D108	334353,717	7600692,725	D171	338632,091	7604325,461	D234	342637,325	7599917,726
D46	335087,487	7603986,666	D109	334729,955	7600375,224	D172	339177,134	7604763,612	D235	342687,596	7600057,294
D47	335012,875	7604031,116	D110	334731,543	7600172,024	D173	339063,086	7604886,221	D236	342397,215	7600202,153
D48	334985,887	7604125,572	D111	334928,750	7600212,514	D174	339236,240	7605043,166	D237	342469,315	7600400,591
D49	335050,181	7604208,916	D112	335236,008	7599931,783	D175	339349,712	7604919,379	D238	342741,174	7600343,706
D50	335173,213	7604209,710	D113	335292,778	7599782,556	D176	339562,655	7605126,428	D239	342878,758	7600526,269
D51	335188,294	7604383,542	D114	335667,429	7599965,913	D177	339839,652	7605253,621	D240	342131,970	7600898,009
D52	335263,700	7604483,554	D115	335608,427	7600210,388	D178	339948,016	7604976,116	D241	341702,683	7601015,749
D53	335128,763	7604697,867	D116	335622,979	7600603,295	D179	339666,085	7604884,262	D242	341514,167	7601159,947
D54	335144,638	7604783,593	D117	335526,406	7600623,139	D180	339118,925	7604293,711	D243	341346,156	7601227,416
D55	335252,588	7604997,112	D118	335449,676	7600498,785	D181	339204,650	7604024,894	D244	340946,634	7601274,379
D56	335362,125	7604995,524	D119	335326,645	7600512,014	D182	339064,449	7603735,269	D245	340787,223	7601249,906
D57	335447,057	7604917,736	D120	335264,468	7600613,879	D183	338835,291	7603793,118	D246	340564,311	7601243,952
D58	335378,794	7604721,680	D121	335408,666	7600885,077	D184	338781,316	7603497,843	D247	340293,774	7601128,858
D59	335535,163	7604463,711	D122	335652,083	7600837,452	D185	338977,108	7603364,492	D248	340137,669	7600907,269
D60	335448,175	7604268,657	D123	335679,864	7600956,515	D186	338895,616	7602957,033	D249	340101,026	7600572,432
D61	335685,182	7604213,679	D124	335923,281	7601602,099	D187	338744,275	7602885,067	D250	340253,427	7600502,582
D62	335721,695	7604089,854	D125	336149,501	7601763,496	D188	338724,885	7602740,577	D251	340202,627	7600262,869
D63	335635,176	7604004,128	D126	336111,136	7602070,413	D189	338804,600	7602690,333	D252	340294,702	7599986,643
D64	335354,982	7604059,691	D127	336194,480	7602148,465	D190	338800,366	7602553,808	D253	340094,676	7599912,031
D65	335193,718	7603615,984	D128	336330,741	7602108,777	D191	338696,649	7602504,066	D254	339962,913	7600239,056
D66	335134,980	7603545,340	D129	336375,720	7601823,027	D192	338736,866	7602063,798	D255	339518,543	7600281,529
D67	335037,349	7603540,577	D130	336607,231	7601787,308	D193	338894,223	7602105,187	D256	339050,891	7600388,685
D68	334540,460	7603982,697	D131	336628,397	7601669,568	D194	338955,514	7601886,594	D257	338870,313	7600387,362
D69	334457,116	7603771,559	D132	336562,251	7601574,318	D195	338778,675	7601818,805	D258	338463,846	7600601,775
D70	334271,378	7603592,171	D133	336437,897	7601582,256	D196	338789,728	7601718,597	D259	338249,635	7600099,048
D71	334152,316	7603623,128	D134	336525,210	7601276,661	D197	338926,308	7601671,156	D260	338256,382	7599897,386
D72	334119,772	7603745,365	D135	336441,866	7601191,994	D198	338877,625	7601483,830	D261	338517,791	7599704,769
D73	334260,222	7603894,560	D136	336316,188	7601218,453	D199	338731,575	7601494,414	D262	338515,674	7599566,127
D74	334262,647	7603954,122	D137	336283,115	7601189,349	D200	338667,414	7601401,760	D263	338276,490	7599510,035
D75	334295,191	7604114,460	D138	336322,803	7601009,432	D201	338704,058	7601326,139	D264	337923,006	7599637,035
D76	333856,246	7603971,585	D139	336232,844	7600717,066	D202	338623,624	7601225,597	D265	337889,139	7599776,735
D77	333818,940	7603849,347	D140	336261,949	7600599,327	D203	338595,013	7601124,890	D266	337665,831	7599828,594
D78	333631,615	7603723,140	D141	336178,605	7600515,983	D204	338702,169	7601034,402	D267	337706,047	7600062,486
D79	333510,171	7603796,959	D142	336064,834	7600538,472	D205	338723,469	7600706,847	D268	337799,181	7600156,678
D80	333291,889	7603676,574	D143	335993,396	7600711,775	D206	338918,599	7600602,337	D269	337990,740	7600074,128
D81	333528,692	7603486,073	D144	336031,761	7600869,202	D207	339093,886	7600603,659	D270	338023,283	7600195,307
D82	333434,553	7603029,529	D145	335903,438	7600908,890	D208	339536,402	7600494,519	D271	338156,057	7600465,988
D83	333761,578	7602807,279	D146	335866,396	7600739,556	D209	339851,257	7600483,274	D272	338093,927	7600531,064
D84	333753,641	7602686,629	D147	335931,219	7600635,045	D210	339937,908	7601003,181	D273	338096,309	7600698,546
D85	333659,978	7602615,191	D148	335904,760	7600527,889	D211	340161,482	7601307,452	D274	338156,634	7600771,571
D86	333448,840	7602700,916	D149	335847,875	7600506,722	D212	340534,545	7601458,927	D275	338250,296	7600773,158
D87	333366,290	7602650,116	D150	335845,229	7600314,899	D213	340762,087	7601458,927	D276	338244,740	7600900,952
D88	333509,165	7602288,165	D151	335919,313	7600272,565	D214	340951,926	7601490,015	D277	338203,465	7600917,621
D89	334161,383	7602703,258	D152	335980,863	7600147,850	D215	341400,396	7601433,791	D278	337932,796	7600762,046
D90	334280,446	7602515,933	D153	336357,199	7600310,401	D216	341623,969	7601342,510	D279	337448,607	7600808,877
D91	334039,145	7602347,657	D154	336352,965	7600426,553	D217	341812,485	7601208,234	D280	337270,013	7600677,908
D92	334123,529	7602199,265	D155	336638,716	7600572,604	D218	342220,606	7601093,801	D281	337245,407	7600563,608
D93	334079,079	7601861,127	D156	336412,232	7600713,362	D219	343163,186	7600630,779	D282	337089,038	7600481,058
D94	334188,555	7601782,930	D157	336429,166	7600843,537	D220	343370,884	7600868,243	D283	337010,456	7600494,551
D95	334385,930	7601901,774	D158	336543,466	7600896,454	D221	343171,785	7601026,994	D284	336284,174	7599988,138
D96	334647,868	7601858,118	D159	336881,075	7600685,845	D222	343204,196	7601144,072	D285	336284,968	7599932,575

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D286	336173,842	7599875,425	D349	334705,746	7596531,879	D412	333324,001	7591749,349	D475	329372,401	7591443,193
D287	336090,536	7599913,447	D350	334287,703	7596846,734	D413	333369,509	7591682,674	D476	329014,365	7590623,420
D288	335353,103	7599557,924	D351	333533,639	7597189,370	D414	333354,692	7591564,140	D477	329007,187	7590175,979
D289	335429,250	7599106,677	D352	333406,639	7597464,537	D415	333505,365	7591512,674	D478	329598,188	7590061,678
D290	335521,564	7599116,115	D353	333146,024	7596944,630	D416	333416,653	7591056,773	D479	329585,540	7589855,085
D291	335860,258	7598470,088	D354	331950,369	7596158,816	D417	333068,942	7591184,198	D480	329481,632	7589835,691
D292	335795,170	7598331,711	D355	331304,785	7595895,555	D418	332910,191	7591091,065	D481	329930,056	7589090,127
D293	335879,071	7598182,046	D356	330570,565	7594576,604	D419	332970,739	7591020,347	D482	330035,500	7589098,336
D294	335854,040	7597653,714	D357	330455,471	7593854,290	D420	332825,596	7590886,565	D483	330251,789	7588844,593
D295	335685,167	7597397,557	D358	330115,480	7593552,665	D421	332745,109	7590924,165	D484	330402,073	7588925,027
D296	335483,898	7597360,830	D359	330284,814	7593350,787	D422	332497,441	7590643,389	D485	330809,268	7588660,972
D297	335237,088	7597531,981	D360	329980,013	7592811,036	D423	332531,307	7590557,663	D486	330809,268	7588214,884
D298	335242,230	7597673,750	D361	330164,428	7592614,715	D424	332860,450	7590674,080	D487	330871,974	7587961,941
D299	335419,992	7597730,311	D362	330423,342	7592592,583	D425	332927,047	7590468,190	D488	331219,108	7587868,808
D300	335622,529	7598102,184	D363	330413,817	7592341,757	D426	332602,159	7590344,814	D489	331241,862	7587697,357
D301	335557,706	7598279,455	D364	330192,210	7592256,204	D427	332667,372	7590195,589	D490	330769,580	7587587,555
D302	335449,226	7598488,476	D365	330003,032	7592248,266	D428	333109,092	7590347,286	D491	330565,851	7588054,546
D303	335213,747	7598659,795	D366	329916,929	7592405,257	D429	333186,880	7590181,392	D492	330415,038	7588020,150
D304	335153,554	7598885,352	D367	329547,041	7592522,732	D430	333026,542	7590038,517	D493	330612,040	7587331,374
D305	335221,082	7599017,608	D368	329353,673	7591717,027	D431	333409,924	7589856,748	D494	331052,156	7587459,232
D306	335052,663	7599789,766	D369	330399,114	7591679,675	D432	333501,206	7590181,392	D495	331134,706	7587238,569
D307	334861,718	7599960,886	D370	331425,700	7591496,583	D433	333456,756	7590316,330	D496	330798,155	7587056,006
D308	334580,730	7599916,436	D371	332346,783	7590813,714	D434	333521,843	7590406,818	D497	330884,129	7586880,572
D309	334585,492	7599783,085	D372	332506,583	7590994,077	D435	333636,937	7590402,055	D498	330737,428	7586818,719
D310	334695,030	7599843,411	D373	332357,211	7591120,169	D436	333746,475	7590240,923	D499	330882,293	7586332,105
D311	334812,505	7599806,898	D374	332408,805	7591492,438	D437	333639,319	7589730,541	D500	331242,127	7585805,583
D312	334872,831	7599673,548	D375	332510,724	7591571,423	D438	333679,006	7589633,703	D501	331589,035	7586061,818
D313	334722,018	7599257,622	D376	332586,605	7591524,982	D439	333858,394	7589621,003	D502	331907,555	7586463,074
D314	334764,880	7599221,109	D377	332709,637	7591668,651	D440	333906,019	7589523,372	D503	332021,326	7586435,293
D315	334749,005	7599092,521	D378	333090,638	7591731,357	D441	333859,188	7589403,516	D504	332084,827	7586333,428
D316	334544,217	7599002,034	D379	333120,800	7591942,495	D442	333621,062	7589405,103	D505	331799,051	7585952,120
D317	334353,717	7598682,946	D380	332817,587	7592042,508	D443	333515,493	7589172,534	D506	331628,419	7585801,614
D318	334199,729	7598513,083	D381	332510,723	7592511,425	D444	333566,293	7588990,765	D507	331624,451	7585738,114
D319	334241,004	7598235,270	D382	332456,672	7592778,739	D445	333664,719	7589009,021	D508	331526,555	7585682,551
D320	334187,029	7598116,207	D383	332091,040	7593221,494	D446	333749,650	7588930,440	D509	331558,764	7585452,743
D321	333813,966	7598146,370	D384	332040,240	7593551,694	D447	333729,012	7588823,283	D510	331683,982	7585458,978
D322	333545,678	7597728,724	D385	331868,789	7593410,936	D448	333676,625	7588706,602	D511	331714,409	7585568,780
D323	333721,891	7597362,011	D386	331712,156	7593475,494	D449	333682,181	7588542,295	D512	331976,347	7585567,457
D324	334044,948	7597277,079	D387	331778,831	7593705,153	D450	333748,856	7588161,294	D513	332009,420	7584953,623
D325	334119,560	7597427,892	D388	332014,840	7593788,762	D451	333675,831	7588076,363	D514	332121,868	7584747,247
D326	334299,742	7597642,999	D389	332007,431	7594018,420	D452	333536,924	7588101,763	D515	331940,628	7584445,622
D327	334576,761	7597885,887	D390	332258,257	7594325,338	D453	333484,537	7588392,276	D516	332108,639	7584128,121
D328	334713,286	7597908,906	D391	332386,315	7594289,354	D454	333409,130	7588438,314	D517	332098,673	7583895,376
D329	334904,184	7598306,972	D392	332420,182	7594158,121	D455	333406,749	7588545,470	D518	331780,114	7583608,567
D330	334831,952	7598377,616	D393	332252,965	7593958,095	D456	333453,581	7588709,777	D519	331675,868	7583606,715
D331	334876,402	7598515,729	D394	332283,657	7593505,128	D457	333347,218	7588916,152	D520	331617,130	7583672,596
D332	334758,927	7598722,104	D395	332355,624	7593482,903	D458	333274,193	7589186,028	D521	331608,399	7583753,559
D333	334839,096	7598933,242	D396	332547,182	7593691,395	D459	333290,861	7589278,103	D522	331638,297	7583876,326
D334	334948,634	7598978,486	D397	332754,616	7593825,803	D460	333174,974	7589336,047	D523	331753,656	7583914,426
D335	335047,059	7598891,173	D398	332895,375	7593706,211	D461	333226,568	7589491,622	D524	331860,548	7584116,568
D336	335016,896	7598750,679	D399	332747,208	7593508,303	D462	333353,568	7589615,447	D525	331772,706	7584264,735
D337	335091,509	7598601,454	D400	332519,666	7593308,277	D463	332783,257	7589900,933	D526	331674,722	7584296,132
D338	335111,353	7598479,216	D401	332467,247	7593116,552	D464	332567,622	7589916,808	D527	331666,784	7584134,736
D339	335381,228	7598379,997	D402	332621,266	7592942,093	D465	331917,407	7589683,313	D528	331422,661	7583927,390
D340	335421,710	7598282,366	D403	332754,616	7592900,818	D466	331838,693	7589760,042	D529	331357,574	7583699,584
D341	335383,610	7598144,253	D404	332784,250	7592764,293	D467	331846,630	7589885,058	D530	331509,180	7583625,765
D342	335264,547	7598127,584	D405	332710,166	7592702,909	D468	332236,892	7590037,855	D531	331565,537	7583570,996
D343	335124,053	7598240,297	D406	332946,175	7592282,750	D469	331952,729	7590230,340	D532	331559,628	7583461,370
D344	334853,913	7597656,360	D407	333345,563	7592149,526	D470	332028,929	7590364,749	D533	331463,054	7583405,807
D345	334984,882	7597535,975	D408	333417,134	7592405,517	D471	331878,539	7590520,853	D534	331341,611	7583456,343
D346	334961,969	7597310,162	D409	333623,510	7592344,134	D472	331910,289	7590751,041	D535	331326,794	7583400,251
D347	335094,684	7597075,599	D410	333545,193	7591917,624	D473	331329,263	7591214,592	D536	331399,643	7583346,364
D348	335081,455	7596821,598	D411	333343,051	7591921,858	D474	330325,961	7591433,668	D537	331377,418	7583150,572

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D538	331576,385	7582989,705	D601	331391,970	7584851,317	D664	328892,404	7586456,294	D727	326423,969	7582142,519
D539	331567,918	7582826,721	D602	331329,263	7585451,393	D665	328736,829	7586567,419	D728	326233,468	7581961,279
D540	331466,318	7582781,213	D603	331160,194	7585529,181	D666	328654,279	7586475,344	D729	326323,401	7581690,060
D541	331412,343	7582545,204	D604	331074,469	7585403,768	D667	328765,404	7586362,631	D730	325896,437	7581378,848
D542	331496,969	7582312,356	D605	331154,638	7585345,031	D668	328706,666	7586200,706	D731	326056,507	7581242,590
D543	331578,501	7582250,987	D606	331168,925	7585163,262	D669	328547,599	7586232,537	D732	326138,703	7581292,550
D544	331561,568	7582146,212	D607	330947,469	7585118,018	D670	328503,466	7586061,006	D733	326269,405	7581157,632
D545	331701,413	7581993,944	D608	331105,425	7584926,724	D671	328766,991	7585802,243	D734	326071,245	7580957,363
D546	331887,535	7581976,878	D609	331108,600	7584806,073	D672	328560,616	7585465,692	D735	325890,153	7581110,631
D547	331905,527	7581824,478	D610	330860,950	7584567,154	D673	328319,315	7585635,555	D736	325757,139	7581007,957
D548	331770,060	7581566,244	D611	330749,031	7584541,754	D674	328278,040	7584949,753	D737	325680,474	7581102,032
D549	331945,744	7581415,960	D612	330362,474	7584778,292	D675	328128,815	7584721,153	D738	325593,494	7581052,754
D550	331916,110	7581270,968	D613	330196,580	7584336,966	D676	328152,628	7584270,302	D739	325780,328	7580698,068
D551	331621,893	7581155,610	D614	330321,199	7584290,929	D677	328027,215	7584205,214	D740	325540,006	7580563,150
D552	331532,327	7581185,365	D615	330325,961	7584175,041	D678	328097,466	7583994,878	D741	325443,677	7580745,842
D553	331396,468	7580920,659	D616	330121,967	7583855,159	D679	328343,009	7584217,433	D742	325322,873	7580729,688
D554	331448,855	7580678,830	D617	329619,974	7583913,485	D680	328471,994	7584194,943	D743	325270,170	7580910,984
D555	331530,347	7580595,221	D618	329580,099	7584306,704	D681	328576,027	7583544,701	D744	325399,029	7580951,883
D556	331447,797	7580443,879	D619	329640,954	7584538,877	D682	328869,778	7583537,064	D745	325440,699	7581330,892
D557	331246,713	7580508,438	D620	329543,719	7584581,872	D683	329131,216	7583374,913	D746	325508,509	7581400,361
D558	331137,704	7580879,913	D621	329539,089	7584715,486	D684	329476,823	7583483,330	D747	325319,331	7581541,252
D559	330903,812	7580969,872	D622	329638,969	7584769,065	D685	329554,876	7583282,247	D748	324924,550	7581215,042
D560	330888,996	7581085,230	D623	330100,007	7584768,403	D686	329187,236	7583125,209	D749	323790,147	7579474,741
D561	330970,487	7581168,839	D624	330191,024	7584944,317	D687	329156,480	7582901,387	D750	323907,991	7579225,594
D562	331201,205	7581105,339	D625	329904,876	7585214,888	D688	329079,517	7582824,424	D751	323826,499	7579110,235
D563	331226,605	7581217,522	D626	329703,792	7585027,695	D689	329392,068	7582644,062	D752	323634,411	7579138,546
D564	331476,901	7581513,327	D627	329555,625	7585181,154	D690	329662,032	7582966,069	D753	323526,886	7579249,845
D565	331521,909	7581849,465	D628	329808,303	7585434,493	D691	329786,387	7582930,350	D754	323475,292	7579134,751
D566	331354,471	7582040,403	D629	329851,959	7585646,822	D692	329845,918	7582817,902	D755	323509,215	7579066,050
D567	331317,063	7582143,747	D630	329947,209	7585684,525	D693	329501,931	7582407,299	D756	323466,031	7578563,250
D568	331195,913	7582139,332	D631	330094,715	7585641,530	D694	329566,557	7582269,824	D757	323386,915	7578269,128
D569	331157,813	7582305,491	D632	330365,913	7585392,821	D695	329944,695	7582202,225	D758	323475,815	7578203,511
D570	331223,966	7582400,935	D633	330473,731	7585438,462	D696	330230,887	7582368,109	D759	322583,115	7578397,008
D571	331167,338	7582557,375	D634	330546,492	7585344,535	D697	330328,783	7582299,318	D760	322356,585	7578629,661
D572	330991,654	7582591,242	D635	330537,231	7585242,670	D698	330351,273	7582172,317	D761	322230,628	7578816,883
D573	330958,846	7582704,484	D636	330338,793	7585111,701	D699	329965,717	7581972,391	D762	322653,990	7579235,578
D574	331020,229	7582795,501	D637	330436,028	7585020,419	D700	329508,603	7582061,337	D763	322949,709	7579111,605
D575	331089,763	7582793,209	D638	330573,612	7585134,190	D701	329259,052	7581913,977	D764	323220,187	7579328,162
D576	331081,323	7583055,151	D639	330840,841	7585453,675	D702	329345,254	7581553,475	D765	323555,815	7579924,276
D577	330828,671	7583285,510	D640	331018,849	7585719,468	D703	329134,973	7581491,814	D766	323064,890	7580367,854
D578	330719,662	7583224,126	D641	330634,617	7586269,405	D704	328968,960	7582024,633	D767	323231,359	7580590,900
D579	330496,618	7583414,362	D642	330448,905	7586979,806	D705	329336,860	7582216,923	D768	323581,288	7580433,519
D580	330282,305	7583034,949	D643	330363,179	7587060,769	D706	329227,685	7582477,717	D769	323975,838	7580793,427
D581	330162,448	7583047,649	D644	330318,729	7587243,332	D707	328784,029	7582137,607	D770	324475,108	7581403,822
D582	330066,405	7583175,443	D645	330372,704	7587333,819	D708	328671,316	7581988,381	D771	325177,578	7582015,805
D583	330106,092	7583278,631	D646	330307,617	7587535,432	D709	328414,140	7582156,657	D772	325797,698	7582307,080
D584	330393,430	7583667,569	D647	330191,729	7587506,857	D710	328442,715	7582386,845	D773	326257,260	7582818,789
D585	330268,811	7583727,100	D648	329887,001	7587213,648	D711	328644,137	7582771,072	D774	325683,992	7583733,483
D586	330262,461	7583840,607	D649	329741,543	7587375,971	D712	328179,302	7583178,987	D775	325846,711	7584262,916
D587	330348,980	7583919,188	D650	330011,073	7587631,191	D713	328170,090	7583281,287	D776	326168,180	7584485,166
D588	330589,487	7583849,073	D651	329908,081	7587913,535	D714	328068,490	7583289,225	D777	327035,311	7584126,763
D589	330623,354	7584086,141	D652	330180,060	7588015,763	D715	328022,894	7583037,788	D778	327286,576	7584474,054
D590	330737,654	7584112,599	D653	330025,352	7588467,793	D716	327773,214	7583114,600	D779	326886,525	7585235,261
D591	330833,962	7584055,449	D654	329749,523	7588833,580	D717	327360,427	7582620,385	D780	326913,513	7585382,105
D592	330820,165	7583785,436	D655	329150,902	7589868,764	D718	327293,611	7582674,164	D781	327352,457	7585458,305
D593	330940,854	7583751,177	D656	328992,152	7589819,155	D719	327225,813	7582581,892	D782	327773,146	7585446,399
D594	331204,380	7584011,528	D657	328992,152	7588423,475	D720	327350,941	7582468,603	D783	327958,346	7585724,359
D595	331011,763	7584109,953	D658	328759,054	7587235,758	D721	327296,153	7582395,306	D784	327732,664	7586055,207
D596	331095,814	7584300,064	D659	328892,404	7587224,645	D722	327810,876	7581939,247	D785	327760,446	7586183,794
D597	331293,215	7584229,564	D660	328974,954	7587092,883	D723	327759,196	7581813,205	D786	327883,477	7586230,626
D598	331364,188	7584614,779	D661	328857,479	7586945,245	D724	327648,156	7581792,404	D787	328020,766	7586112,775
D599	331266,557	7584667,961	D662	329011,467	7586748,395	D725	327085,023	7582299,784	D788	328244,634	7586653,695
D600	331289,576	7584806,073	D663	329035,279	7586524,556	D726	327032,829	7582082,326	D789	328358,385	7586731,823

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D790	328571,014	7587640,996	D853	323386,963	7594944,554	D916	321047,315	7592614,076	D979	319439,371	7587694,295
D791	328420,053	7587826,860	D854	323486,182	7594918,096	D917	321157,049	7592733,677	D980	319278,637	7588540,302
D792	328500,518	7588157,772	D855	323540,421	7594805,648	D918	321332,997	7592648,348	D981	319258,053	7588917,814
D793	328596,520	7589519,892	D856	323392,254	7594660,127	D919	321264,989	7592482,061	D982	319138,407	7589111,141
D794	328186,690	7589508,820	D857	323475,481	7594261,573	D920	321450,076	7592373,842	D983	319104,673	7589440,548
D795	328031,909	7589705,670	D858	324007,412	7594250,021	D921	321439,305	7592265,374	D984	319277,975	7589854,622
D796	328098,584	7590213,671	D859	323999,474	7593932,521	D922	322258,057	7591799,324	D985	319293,850	7590197,920
D797	328083,382	7590643,974	D860	324506,152	7593379,541	D923	322820,223	7591160,064	D986	319764,148	7590553,123
D798	327755,019	7590936,882	D861	324901,705	7593552,843	D924	322896,423	7590860,026	D987	320006,242	7590914,942
D799	327627,662	7591155,212	D862	325530,092	7593602,452	D925	323190,047	7590400,102	D988	319529,991	7591338,276
D800	327977,244	7591596,922	D863	325678,259	7593508,525	D926	323440,717	7590416,407	D989	319121,871	7591141,161
D801	328294,376	7592305,736	D864	325966,655	7593433,119	D927	323687,309	7590796,350	D990	318951,214	7590793,233
D802	328280,088	7592907,929	D865	326124,744	7593520,431	D928	323791,026	7590760,895	D991	317900,543	7589697,378
D803	328314,484	7593097,371	D866	326578,505	7593550,197	D929	323864,051	7590693,162	D992	317754,680	7589100,201
D804	328405,501	7593156,638	D867	327049,465	7593753,927	D930	323573,538	7590214,265	D993	317769,988	7588713,289
D805	328726,896	7593068,401	D868	327159,267	7593695,718	D931	323253,813	7590189,918	D994	317886,992	7587935,764
D806	328891,277	7593626,009	D869	327198,293	7593560,119	D932	323250,436	7589926,574	D995	318082,264	7587552,364
D807	328797,441	7593802,734	D870	326662,511	7593327,285	D933	323089,305	7589758,299	D996	318344,435	7587724,854
D808	328518,743	7593779,468	D871	326199,489	7593288,921	D934	322378,104	7588731,184	D997	318818,702	7587656,724
D809	328223,468	7594332,977	D872	326013,619	7593190,363	D935	322239,991	7588483,534	D998	318885,509	7587568,750
D810	327855,167	7594795,470	D873	325622,696	7593283,629	D936	322239,991	7588099,622	D999	318855,082	7587444,395
D811	327719,435	7595147,763	D874	325475,191	7593363,666	D937	322359,054	7588025,804	D1000	318467,467	7587415,953
D812	327465,832	7595234,282	D875	325174,822	7593336,590	D938	322341,591	7587900,391	D1001	318138,564	7587144,397
D813	327466,582	7595507,806	D876	325246,325	7593041,520	D939	322147,122	7587673,378	D1002	318271,112	7586642,662
D814	327548,553	7595833,241	D877	325034,658	7592583,128	D940	322005,834	7587671,790	D1003	318465,398	7586632,734
D815	327238,223	7596107,145	D878	325225,820	7592036,101	D941	321889,946	7587934,522	D1004	318598,436	7587005,186
D816	327118,367	7596310,345	D879	325390,523	7592130,028	D942	321884,390	7588146,454	D1005	318711,545	7587036,275
D817	327313,308	7596533,274	D880	325510,909	7592030,148	D943	321789,140	7588216,833	D1006	318820,025	7586992,618
D818	327196,948	7597046,946	D881	325459,976	7591754,319	D944	321622,452	7588590,690	D1007	318781,660	7586714,805
D819	327231,443	7597401,391	D882	325399,122	7591676,267	D945	321522,439	7588701,815	D1008	318630,186	7586374,154
D820	326215,342	7597915,707	D883	325104,772	7591738,444	D946	321302,570	7589088,372	D1009	318580,709	7585724,424
D821	326176,316	7598072,473	D884	324943,376	7592099,601	D947	321237,482	7589268,554	D1010	318498,952	7585168,004
D822	326901,276	7598515,651	D885	324805,793	7592603,634	D948	321091,432	7589243,154	D1011	318367,983	7584960,835
D823	327278,308	7598486,547	D886	325006,215	7593037,551	D949	320648,519	7589540,017	D1012	317944,914	7584963,216
D824	327326,628	7598289,613	D887	324957,437	7593316,995	D950	320674,713	7589653,523	D1013	317654,401	7585163,241
D825	328297,617	7598463,396	D888	324451,251	7593101,728	D951	320769,963	7589706,705	D1014	317571,057	7585663,305
D826	328895,613	7598529,751	D889	324412,475	7593144,840	D952	321167,632	7589483,661	D1015	317585,028	7586462,112
D827	328962,384	7598615,532	D890	324080,568	7592772,703	D953	321316,858	7589520,967	D1016	317739,332	7586505,475
D828	328882,782	7598936,569	D891	324161,928	7592582,864	D954	321461,320	7589354,279	D1017	317794,675	7587219,028
D829	328671,592	7599278,645	D892	324019,053	7592473,723	D955	321512,121	7589163,779	D1018	317607,569	7587439,721
D830	328161,761	7599264,180	D893	323845,750	7592660,254	D956	321712,146	7588819,291	D1019	317552,800	7587588,153
D831	327516,433	7599042,173	D894	323791,510	7592777,994	D957	321816,127	7588697,846	D1020	317667,894	7587673,878
D832	327212,956	7599188,001	D895	323980,026	7592985,693	D958	321919,315	7588457,340	D1021	317549,012	7588252,203
D833	326683,605	7599077,238	D896	323940,339	7593079,620	D959	322022,503	7588545,446	D1022	317318,644	7588309,673
D834	325643,421	7598430,484	D897	324030,959	7593179,500	D960	322183,634	7588837,547	D1023	317009,874	7587920,735
D835	325335,049	7598072,980	D898	324125,548	7593151,058	D961	322882,136	7589860,693	D1024	317013,049	7587800,878
D836	325708,422	7597890,334	D899	324266,790	7593306,816	D962	323025,011	7590017,855	D1025	316553,467	7587472,265
D837	325768,614	7597781,855	D900	323936,636	7593673,890	D963	322999,611	7590178,987	D1026	316291,529	7587129,364
D838	325683,418	7597615,828	D901	323400,516	7593902,405	D964	322695,604	7590757,632	D1027	315980,378	7586936,483
D839	325331,425	7597553,115	D902	323281,129	7593537,629	D965	322604,323	7591056,876	D1028	315829,726	7587029,834
D840	324851,037	7597425,857	D903	323085,337	7593557,473	D966	322220,147	7591269,602	D1029	315466,292	7586702,194
D841	324554,703	7597123,173	D904	323016,996	7593937,940	D967	321937,292	7591241,531	D1030	315810,912	7586254,385
D842	324450,260	7596771,720	D905	322234,038	7594033,063	D968	321104,350	7591578,509	D1031	315902,194	7585779,457
D843	324539,358	7596673,380	D906	322187,736	7594171,308	D969	320350,282	7591071,552	D1032	315780,449	7585352,418
D844	324553,116	7596552,730	D907	322392,070	7594456,255	D970	320296,503	7590575,374	D1033	315939,765	7585194,992
D845	324283,770	7596370,696	D908	322275,474	7594717,929	D971	319678,273	7589998,940	D1034	316186,622	7584622,697
D846	323888,882	7595858,098	D909	321865,118	7594764,141	D972	319613,859	7589691,181	D1035	316130,265	7584489,346
D847	323320,804	7595919,474	D910	321316,414	7594261,184	D973	319706,287	7588676,555	D1036	316439,035	7583588,438
D848	322919,352	7595642,178	D911	321180,711	7594031,956	D974	319638,450	7588467,077	D1037	316613,660	7583502,713
D849	323026,864	7595181,357	D912	321380,866	7593800,819	D975	319813,227	7587724,515	D1038	316656,522	7583095,519
D850	322765,123	7594921,412	D913	321129,363	7593485,241	D976	319797,863	7587207,757	D1039	316897,029	7582978,043
D851	322906,560	7594741,226	D914	320725,017	7593613,570	D977	319591,507	7587178,356	D1040	316920,842	7582640,699
D852	323165,374	7594815,570	D915	320606,206	7593100,789	D978	319455,908	7587226,643	D1041	316758,916	7582612,124

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D1042	316084,228	7583172,513	D1105	309989,472	7579023,859	D1168	305791,399	7583168,871	D1231	302988,884	7586402,817
D1043	316059,621	7583549,545	D1106	309909,158	7579099,015	D1169	305756,960	7583321,474	D1232	302996,597	7586247,392
D1044	316161,221	7583645,588	D1107	309752,950	7579385,641	D1170	305895,602	7583527,849	D1233	303166,882	7586195,082
D1045	315839,752	7584529,828	D1108	309869,590	7579457,175	D1171	305720,977	7583968,117	D1234	303213,784	7586386,044
D1046	315702,433	7584985,441	D1109	309757,370	7579738,581	D1172	305716,993	7584262,414	D1235	303475,722	7586350,986
D1047	314894,246	7585433,195	D1110	309824,422	7579782,791	D1173	305525,233	7584185,047	D1236	303564,047	7586177,017
D1048	314574,512	7584866,378	D1111	309583,202	7579990,668	D1174	305230,438	7584182,430	D1237	303537,101	7586088,492
D1049	314734,056	7584748,903	D1112	309525,730	7579954,195	D1175	304804,987	7584285,088	D1238	304086,274	7585929,996
D1050	314758,662	7584506,015	D1113	309408,574	7580039,298	D1176	304688,109	7584144,798	D1239	304092,728	7585725,483
D1051	314066,918	7584031,638	D1114	309421,284	7580086,824	D1177	304592,197	7584162,657	D1240	303758,018	7585597,318
D1052	314277,722	7583589,969	D1115	308300,567	7580656,021	D1178	304524,729	7584228,804	D1241	303707,493	7585757,233
D1053	314777,713	7583862,283	D1116	307970,654	7579948,113	D1179	304588,013	7584413,444	D1242	303434,443	7585880,000
D1054	314942,019	7583824,183	D1117	307769,500	7580049,795	D1180	304076,853	7584715,831	D1243	303312,734	7585587,899
D1055	314897,569	7583516,207	D1118	308031,441	7580595,785	D1181	303958,319	7584676,672	D1244	303430,210	7585398,457
D1056	314328,449	7583246,332	D1119	307765,077	7581002,514	D1182	303649,285	7585033,331	D1245	303769,062	7585242,526
D1057	314136,361	7583281,257	D1120	307677,763	7580953,883	D1183	303406,926	7584819,548	D1246	304103,311	7584967,715
D1058	313786,253	7583786,718	D1121	307561,712	7581107,511	D1184	303245,001	7584946,548	D1247	304596,563	7584684,318
D1059	313373,566	7583351,900	D1122	307619,737	7581157,800	D1185	303248,288	7585108,148	D1248	304761,928	7584553,349
D1060	312844,134	7583071,706	D1123	307399,793	7581409,242	D1186	303150,392	7585143,867	D1249	305278,063	7584408,913
D1061	312730,072	7582799,475	D1124	307239,534	7581325,243	D1187	303115,996	7585249,700	D1250	305482,322	7584411,030
D1062	313083,847	7582668,480	D1125	306951,065	7581597,132	D1188	303187,878	7585330,537	D1251	305481,019	7584579,673
D1063	313273,553	7582372,411	D1126	307152,637	7581785,908	D1189	303049,209	7585563,558	D1252	305348,762	7584583,007
D1064	314164,143	7582674,830	D1127	306866,887	7582633,635	D1190	303220,869	7585946,573	D1253	304761,399	7584710,512
D1065	314268,918	7582607,361	D1128	306225,391	7582810,037	D1191	303079,951	7585973,651	D1254	304789,180	7584913,712
D1066	314288,762	7582475,599	D1129	306139,183	7582510,148	D1192	302998,491	7585778,391	D1255	305337,662	7584831,956
D1067	313251,328	7581978,710	D1130	306243,076	7582176,365	D1193	302810,047	7585809,337	D1256	305170,049	7585213,849
D1068	312933,034	7582456,549	D1131	306032,344	7582117,418	D1194	302609,446	7585726,444	D1257	305065,273	7585214,643
D1069	312553,621	7582554,974	D1132	305935,819	7582394,372	D1195	302388,950	7585549,605	D1258	305008,917	7585327,356
D1070	312224,214	7582116,823	D1133	305753,785	7582150,955	D1196	302075,061	7585628,629	D1259	305085,911	7585551,194
D1071	312251,201	7581781,066	D1134	305804,664	7581846,265	D1197	301968,958	7585547,393	D1260	305228,786	7585587,706
D1072	312201,989	7581517,541	D1135	305865,821	7581840,371	D1198	301869,486	7585618,681	D1261	305449,449	7585146,380
D1073	312491,708	7581392,128	D1136	305879,821	7581640,690	D1199	301662,789	7585557,207	D1262	305572,297	7585050,836
D1074	312505,202	7581238,140	D1137	305520,249	7581620,058	D1200	301606,438	7585776,178	D1263	305636,839	7584861,881
D1075	312224,214	7581068,277	D1138	305471,618	7581759,319	D1201	301853,290	7585850,366	D1264	305826,750	7584890,802
D1076	312074,988	7580572,976	D1139	305308,779	7581533,112	D1202	301762,830	7586007,173	D1265	305940,531	7584711,647
D1077	312036,094	7580107,044	D1140	305270,465	7581406,378	D1203	301325,706	7586083,987	D1266	306315,692	7584900,433
D1078	312345,658	7579768,112	D1141	305480,461	7581161,014	D1204	301300,286	7585847,465	D1267	306223,192	7585173,687
D1079	312514,479	7579401,063	D1142	305315,412	7581017,333	D1205	301415,139	7585824,966	D1268	306102,168	7585154,898
D1080	313047,466	7579650,028	D1143	305194,572	7581154,382	D1206	301397,402	7585663,838	D1269	306041,932	7585356,052
D1081	313353,722	7579431,747	D1144	305146,678	7581021,016	D1207	301192,889	7585560,383	D1270	306101,615	7585431,761
D1082	313616,322	7579491,278	D1145	304949,208	7581102,067	D1208	301050,013	7585605,891	D1271	306007,116	7585643,415
D1083	313789,624	7579880,216	D1146	305102,467	7581625,215	D1209	301090,843	7585956,331	D1272	306217,865	7585727,599
D1084	313935,145	7579935,779	D1147	305354,462	7581970,051	D1210	300806,596	7586101,192	D1273	306557,547	7584989,998
D1085	314021,135	7579855,081	D1148	305246,148	7581995,840	D1211	300899,730	7586289,576	D1274	306727,983	7585035,448
D1086	314368,401	7580185,810	D1149	305316,693	7582273,722	D1212	301107,973	7586191,748	D1275	306705,758	7585593,191
D1087	314406,104	7580868,437	D1150	305459,568	7582255,730	D1213	300892,450	7586941,101	D1276	307844,615	7587184,583
D1088	314513,922	7580925,984	D1151	305663,929	7582434,990	D1214	301107,163	7586997,602	D1277	307542,202	7587391,844
D1089	314627,693	7580898,203	D1152	305538,943	7582455,755	D1215	301180,189	7586745,718	D1278	307489,285	7587567,792
D1090	314607,850	7580291,644	D1153	305570,693	7582671,656	D1216	301308,247	7586712,910	D1279	307349,055	7587787,397
D1091	314801,657	7580277,092	D1154	305842,241	7582661,197	D1217	301354,814	7586598,610	D1280	307321,274	7587976,574
D1092	314832,084	7580119,003	D1155	305896,660	7582757,381	D1218	301261,680	7586489,601	D1281	307505,821	7588022,877
D1093	313975,815	7579511,887	D1156	305761,194	7582831,464	D1219	301278,180	7586418,323	D1282	307601,072	7587798,642
D1094	314182,531	7579234,632	D1157	305794,346	7582940,455	D1220	301421,862	7586382,402	D1283	307751,223	7587862,803
D1095	314306,885	7579226,694	D1158	305222,567	7583088,556	D1221	301499,806	7586532,993	D1284	307839,859	7587762,261
D1096	314395,257	7579093,212	D1159	305265,304	7582678,143	D1222	301678,664	7586484,309	D1285	307776,358	7587492,386
D1097	311247,493	7579319,462	D1160	305043,519	7582657,511	D1223	301659,614	7586296,984	D1286	307921,350	7587398,855
D1098	310582,137	7579389,091	D1161	305032,467	7582771,719	D1224	301805,381	7586270,774	D1287	308017,036	7587665,412
D1099	310209,047	7579031,227	D1162	304747,308	7582852,631	D1225	301852,354	7586210,538	D1288	308193,612	7587628,926
D1100	310209,784	7578869,125	D1163	304725,083	7583443,182	D1226	302063,899	7586175,275	D1289	308343,213	7587858,748
D1101	310296,730	7578679,024	D1164	304955,800	7583444,241	D1227	302015,377	7586484,639	D1290	308135,994	7588066,731
D1102	309971,053	7578474,185	D1165	305034,117	7583568,066	D1228	302513,974	7586528,123	D1291	308116,257	7588316,282
D1103	309806,003	7578645,865	D1166	305380,193	7583475,991	D1229	302625,235	7586396,231	D1292	308527,578	7588641,143
D1104	309993,157	7578791,758	D1167	305389,718	7583279,140	D1230	302874,583	7586479,018	D1293	308383,909	7588744,331

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D1294	308183,942	7588769,328	D1357	314048,776	7587318,236	D1420	314475,744	7591733,180	D1483	317595,692	7595102,371
D1295	307775,088	7589137,509	D1358	314522,621	7587757,698	D1421	314512,841	7591456,755	D1484	317538,013	7595196,034
D1296	307770,326	7589240,697	D1359	314603,054	7588142,932	D1422	314399,001	7591414,203	D1485	317613,134	7595333,586
D1297	307861,343	7589306,049	D1360	315202,337	7588591,534	D1423	314424,422	7591310,311	D1486	317101,731	7595676,643
D1298	307988,872	7589260,012	D1361	315365,320	7589036,035	D1424	314472,500	7591325,232	D1487	316397,139	7595506,987
D1299	308079,451	7589386,267	D1362	315598,154	7589023,335	D1425	314518,368	7591201,997	D1488	316396,034	7595422,436
D1300	308057,664	7589497,079	D1363	316371,094	7589775,380	D1426	314486,316	7591177,129	D1489	316524,242	7595395,358
D1301	308215,297	7589575,619	D1364	315917,795	7590006,515	D1427	315057,174	7590706,850	D1490	316507,664	7595201,388
D1302	308460,663	7589209,970	D1365	315617,533	7590005,022	D1428	315345,091	7590397,382	D1491	316403,115	7595199,644
D1303	308874,760	7589585,754	D1366	315222,409	7590212,254	D1429	315661,190	7590237,675	D1492	316397,834	7594888,238
D1304	308298,941	7590145,547	D1367	314852,705	7590581,404	D1430	315965,396	7590246,197	D1493	316182,811	7594891,444
D1305	308457,245	7590345,651	D1368	314809,600	7590530,563	D1431	316490,860	7590101,735	D1494	316186,591	7595258,307
D1306	309257,338	7589586,547	D1369	314653,209	7590599,088	D1432	316575,456	7590202,693	D1495	316061,146	7595289,806
D1307	309399,361	7589627,994	D1370	314674,208	7590714,586	D1433	316476,572	7590544,648	D1496	316003,674	7595177,072
D1308	309735,331	7589549,161	D1371	314636,630	7590745,532	D1434	316652,785	7590866,911	D1497	316094,856	7595062,679
D1309	309718,777	7589291,449	D1372	314539,369	7590597,430	D1435	316851,223	7590865,324	D1498	315962,228	7594925,629
D1310	309537,517	7589295,317	D1373	314363,082	7590725,085	D1436	316876,623	7590562,111	D1499	315750,573	7595049,416
D1311	309492,202	7589104,662	D1374	314471,948	7590893,634	D1437	317095,699	7590274,773	D1500	315687,457	7594826,836
D1312	309167,814	7589200,818	D1375	314232,592	7591103,744	D1438	317488,961	7590369,371	D1501	315472,605	7594868,156
D1313	309125,815	7588964,849	D1376	314006,570	7590975,535	D1439	318724,568	7591823,259	D1502	315519,025	7595146,124
D1314	309692,804	7588923,403	D1377	314186,172	7590782,118	D1440	319094,985	7591919,832	D1503	315495,262	7595316,884
D1315	310032,988	7589141,701	D1378	314027,570	7590629,042	D1441	319337,080	7592214,843	D1504	315106,218	7594938,338
D1316	310369,010	7589766,119	D1379	313806,521	7590877,168	D1442	319311,944	7592351,104	D1505	314803,382	7594292,876
D1317	309707,550	7590782,121	D1380	313673,892	7590786,538	D1443	319785,549	7592688,448	D1506	314345,141	7594218,459
D1318	309544,193	7590828,839	D1381	313713,681	7590688,724	D1444	320044,842	7593037,699	D1507	314225,341	7594277,401
D1319	309377,451	7591115,384	D1382	313557,842	7590589,805	D1445	319731,310	7593197,772	D1508	313915,992	7593739,632
D1320	309253,664	7591037,464	D1383	313493,738	7590666,067	D1446	319790,148	7593369,980	D1509	313607,752	7593857,636
D1321	309100,035	7591147,988	D1384	313394,819	7590571,016	D1447	319987,273	7593353,596	D1510	313460,247	7593661,844
D1322	309157,508	7591267,354	D1385	313423,555	7590536,753	D1448	320042,307	7593490,122	D1511	313516,470	7593569,901
D1323	309058,588	7591380,641	D1386	313362,767	7590426,781	D1449	319864,374	7593672,085	D1512	313282,975	7593286,797
D1324	308964,090	7591319,300	D1387	313316,347	7590442,255	D1450	319745,083	7593576,075	D1513	313170,527	7593281,505
D1325	308702,147	7591555,822	D1388	313224,060	7590261,548	D1451	319626,021	7593681,909	D1514	313063,371	7593405,860
D1326	308620,254	7592039,815	D1389	313284,848	7590102,393	D1452	319711,466	7593959,774	D1515	312765,052	7593348,313
D1327	308504,857	7592065,123	D1390	313236,479	7589998,327	D1453	319420,156	7594033,894	D1516	312673,771	7593238,510
D1328	308484,352	7592162,357	D1391	313031,426	7589981,129	D1454	319257,275	7594133,788	D1517	312534,864	7593332,437
D1329	308520,732	7592254,300	D1392	312854,155	7589762,847	D1455	319189,325	7593970,702	D1518	312558,677	7593503,094
D1330	308815,902	7592257,176	D1393	312863,415	7589617,326	D1456	319275,315	7593841,056	D1519	312474,010	7593734,605
D1331	308899,986	7591721,056	D1394	312600,154	7589485,034	D1457	319185,356	7593716,701	D1520	312539,495	7593813,980
D1332	309108,324	7591665,794	D1395	312250,904	7589445,346	D1458	319074,231	7593757,712	D1521	312656,573	7593822,579
D1333	309380,214	7591345,274	D1396	312184,758	7589568,378	D1459	318900,929	7593929,030	D1522	312755,792	7593608,266
D1334	309659,288	7591318,749	D1397	312242,966	7589672,888	D1460	318867,855	7594040,155	D1523	313071,970	7593667,798
D1335	309778,368	7591072,096	D1398	312507,550	7589712,576	D1461	319073,055	7594246,770	D1524	313332,585	7593856,314
D1336	310048,704	7591214,750	D1399	313217,427	7590746,749	D1462	318874,628	7594368,464	D1525	313380,871	7593950,241
D1337	310160,623	7591204,431	D1400	313588,236	7590990,455	D1463	318788,196	7594364,248	D1526	313567,403	7594112,298
D1338	310239,733	7590946,991	D1401	313538,500	7591101,532	D1464	318652,183	7594437,151	D1527	313877,577	7594172,120
D1339	310118,783	7590600,158	D1402	313709,259	7591189,952	D1465	318589,205	7594218,529	D1528	314008,160	7594386,820
D1340	310513,208	7589979,109	D1403	313775,574	7591102,638	D1466	318488,663	7594179,503	D1529	313111,807	7595349,484
D1341	310546,513	7590133,194	D1404	313999,385	7591217,031	D1467	318308,084	7594280,706	D1530	312937,179	7595311,906
D1342	310765,885	7590110,078	D1405	313941,360	7591277,266	D1468	318088,480	7594524,123	D1531	312882,469	7595510,296
D1343	310811,235	7590623,934	D1406	314024,674	7591564,928	D1469	318008,952	7594715,405	D1532	313058,755	7595562,243
D1344	310915,216	7590662,828	D1407	313938,949	7591591,121	D1470	317784,208	7594600,191	D1533	313406,353	7595817,002
D1345	311031,897	7590611,234	D1408	313890,518	7591693,943	D1471	317850,354	7594485,759	D1534	313545,614	7595655,637
D1346	311005,334	7590073,037	D1409	313978,937	7591848,677	D1472	317782,224	7594393,816	D1535	313321,250	7595476,035
D1347	311155,501	7590058,039	D1410	313852,719	7592207,555	D1473	317686,312	7594377,941	D1536	314285,576	7594505,081
D1348	311531,112	7589039,384	D1411	313382,105	7592368,692	D1474	317600,984	7594476,498	D1537	314681,253	7594570,291
D1349	311724,980	7589047,244	D1412	313446,120	7592583,938	D1475	317289,436	7594353,467	D1538	314929,378	7595065,440
D1350	311828,113	7588109,796	D1413	313973,477	7592450,181	D1476	317223,290	7594436,149	D1539	315339,086	7595469,650
D1351	311770,640	7588008,667	D1414	314010,435	7592507,401	D1477	317210,061	7594547,274	D1540	315183,799	7595561,385
D1352	312659,693	7587407,908	D1415	314202,748	7592402,956	D1478	317554,020	7594693,457	D1541	315093,721	7595958,167
D1353	313188,151	7587384,865	D1416	314119,855	7592255,959	D1479	317632,072	7594764,895	D1542	314936,777	7596160,979
D1354	313365,422	7587170,552	D1417	314202,530	7591998,855	D1480	317946,425	7594931,901	D1543	314732,445	7596669,184
D1355	313788,654	7587233,085	D1418	314346,012	7591962,095	D1481	317774,431	7595184,311	D1544	314500,205	7596519,629
D1356	313846,634	7587309,769	D1419	314428,037	7591723,084	D1482	317709,463	7595089,142	D1545	314438,135	7596610,564

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D1546	314281,594	7596504,084	D1609	321491,526	7595107,042	D1672	316651,426	7600095,201	D1735	318743,501	7602225,250
D1547	314187,931	7596562,821	D1610	322432,257	7596013,392	D1673	316426,243	7600122,586	D1736	319118,547	7602193,567
D1548	314168,088	7596675,534	D1611	322214,458	7596072,354	D1674	316442,452	7600358,371	D1737	319062,547	7602472,825
D1549	314327,632	7596808,090	D1612	321996,177	7596223,829	D1675	316740,131	7600365,740	D1738	319271,806	7602525,140
D1550	314245,875	7597061,297	D1613	321961,781	7596465,261	D1676	316983,283	7600970,676	D1739	319332,963	7602250,303
D1551	314343,257	7597155,223	D1614	321589,511	7596296,457	D1677	317157,666	7600920,848	D1740	319377,910	7602254,724
D1552	314200,131	7597215,931	D1615	321494,261	7596457,192	D1678	317156,085	7600800,687	D1741	319416,962	7602125,043
D1553	314278,603	7597416,532	D1616	321739,554	7596681,352	D1679	317344,330	7600697,314	D1742	319545,170	7602096,307
D1554	314662,674	7597258,484	D1617	321324,410	7596716,464	D1680	317245,595	7600508,686	D1743	319747,061	7601987,257
D1555	314645,543	7597410,454	D1618	321135,233	7596967,818	D1681	317091,598	7600579,421	D1744	319719,061	7602369,670
D1556	314800,277	7597532,584	D1619	321225,191	7597082,912	D1682	317034,125	7600454,160	D1745	319514,960	7602353,460
D1557	314853,328	7597467,927	D1620	321790,078	7597057,777	D1683	317356,120	7600188,902	D1746	319512,012	7602549,456
D1558	315069,403	7597604,978	D1621	321727,901	7597236,371	D1684	317470,328	7600203,639	D1747	319587,168	7602733,663
D1559	315008,062	7597769,659	D1622	321784,786	7597351,465	D1685	318360,418	7599648,072	D1748	319023,495	7602752,083
D1560	315210,874	7597848,684	D1623	321995,130	7597326,329	D1686	318669,885	7599708,493	D1749	318904,866	7602494,193
D1561	315254,531	7597723,792	D1624	322073,183	7597448,038	D1687	318714,095	7599494,076	D1750	318701,501	7602592,927
D1562	315484,421	7597792,317	D1625	321409,603	7598181,868	D1688	318570,414	7599458,708	D1751	318789,183	7602770,503
D1563	315368,370	7597952,577	D1626	321270,894	7598505,151	D1689	318954,859	7598872,640	D1752	318677,185	7602781,555
D1564	315646,058	7598348,423	D1627	320968,058	7598554,334	D1690	319216,688	7598995,403	D1753	318375,086	7602567,138
D1565	316059,902	7598196,642	D1628	320686,222	7598201,209	D1691	319876,631	7598804,670	D1754	318298,456	7602624,610
D1566	316157,668	7597439,408	D1629	319965,051	7598505,702	D1692	320100,807	7599167,664	D1755	318166,564	7602565,664
D1567	315935,883	7597409,198	D1630	319801,421	7598273,647	D1693	320077,227	7599774,810	D1756	318067,829	7602733,660
D1568	315887,988	7597763,612	D1631	319622,234	7598374,835	D1694	320082,919	7600253,297	D1757	318867,245	7603554,953
D1569	315551,995	7597555,089	D1632	319740,023	7598578,002	D1695	320159,751	7600407,009	D1758	318743,280	7603930,128
D1570	315641,272	7597454,637	D1633	319253,053	7598737,689	D1696	320125,856	7600759,949	D1759	318799,504	7604159,655
D1571	315520,321	7597242,378	D1634	318943,164	7598578,001	D1697	319955,649	7600844,684	D1760	318898,061	7604194,712
D1572	315200,154	7597427,363	D1635	318832,177	7598631,145	D1698	319528,288	7600815,210	D1761	318997,280	7604133,196
D1573	314870,558	7597053,889	D1636	318701,759	7598505,147	D1699	319486,289	7600645,740	D1762	318986,697	7604013,472
D1574	315122,457	7596271,503	D1637	318538,735	7598691,933	D1700	319383,134	7600443,112	D1763	319117,666	7603803,790
D1575	315290,454	7596055,981	D1638	318707,284	7598836,167	D1701	319170,392	7600240,995	D1764	319065,014	7603704,703
D1576	315357,875	7595760,329	D1639	318379,026	7599319,710	D1702	319016,933	7600402,391	D1765	319283,031	7603221,044
D1577	315681,995	7595724,070	D1640	318202,081	7599434,499	D1703	319201,137	7600575,741	D1766	319469,372	7603287,678
D1578	315640,023	7595854,530	D1641	317970,191	7599230,014	D1704	319256,458	7600715,870	D1767	319691,060	7603188,286
D1579	315847,143	7595946,232	D1642	317101,642	7599511,211	D1705	318019,263	7601255,831	D1768	319803,794	7603663,541
D1580	315943,234	7595774,943	D1643	316767,860	7599175,954	D1706	317878,529	7601105,518	D1769	320075,683	7604050,376
D1581	316146,688	7595671,551	D1644	316967,540	7599161,954	D1707	318026,067	7601118,090	D1770	319484,746	7604488,787
D1582	316851,314	7595844,934	D1645	317219,536	7599036,694	D1708	318065,754	7600898,485	D1771	319345,486	7604255,213
D1583	316641,541	7595956,685	D1646	317390,480	7599118,482	D1709	317747,374	7600863,101	D1772	319202,541	7604341,421
D1584	316585,978	7596178,935	D1647	317487,005	7598924,697	D1710	317443,982	7601025,486	D1773	319135,490	7604283,949
D1585	316566,149	7596519,755	D1648	317234,273	7598789,120	D1711	317536,587	7601212,017	D1774	318996,229	7604404,788
D1586	316590,464	7596691,621	D1649	317121,538	7598671,964	D1712	317651,586	7601165,937	D1775	319215,803	7604873,411
D1587	316801,565	7596662,332	D1650	317207,011	7598440,600	D1713	317695,796	7601270,567	D1776	319330,748	7604842,465
D1588	316787,197	7596540,755	D1651	317006,594	7598362,496	D1714	317313,382	7601385,511	D1777	319580,532	7605180,669
D1589	316914,301	7596197,578	D1652	316918,174	7598567,334	D1715	317385,590	7601603,612	D1778	319781,581	7605225,754
D1590	317142,927	7596070,456	D1653	316668,389	7598795,013	D1716	317885,160	7601438,564	D1779	319828,844	7605014,147
D1591	317219,656	7595869,372	D1654	316550,549	7598690,844	D1717	317891,054	7601582,982	D1780	319705,057	7604982,463
D1592	317576,274	7595720,579	D1655	316719,883	7598416,735	D1718	317704,637	7601595,508	D1781	319523,061	7604729,730
D1593	317986,379	7595401,756	D1656	316671,199	7598326,776	D1719	317708,321	7601803,294	D1782	319877,476	7604471,104
D1594	318268,161	7594899,046	D1657	316555,841	7598287,618	D1720	317884,176	7601887,541	D1783	320154,644	7605145,056
D1595	318473,213	7594787,921	D1658	316364,282	7598523,627	D1721	318213,583	7602364,586	D1784	320379,540	7605069,650
D1596	319075,686	7594591,548	D1659	316294,432	7598834,777	D1722	318330,264	7602342,625	D1785	320070,525	7604342,897
D1597	319172,921	7594636,527	D1660	316361,229	7598984,146	D1723	318382,652	7602259,810	D1786	320169,997	7604272,898
D1598	319528,786	7594452,641	D1661	316045,768	7599251,846	D1724	318271,994	7601958,029	D1787	320279,047	7604423,948
D1599	319527,402	7594355,181	D1662	316106,925	7599372,686	D1725	318521,779	7601976,450	D1788	320455,886	7604317,108
D1600	319781,107	7594231,440	D1663	315978,716	7599660,785	D1726	318585,883	7601712,665	D1789	320272,416	7603953,115
D1601	320074,283	7594034,811	D1664	316164,396	7599763,205	D1727	318109,156	7601577,088	D1790	320325,468	7603819,012
D1602	320226,280	7594327,591	D1665	316282,289	7599526,683	D1728	318106,209	7601455,511	D1791	320200,208	7603685,646
D1603	320391,645	7594290,549	D1666	316352,288	7599551,735	D1729	319308,713	7601000,891	D1792	320134,630	7603748,276
D1604	320406,207	7594178,045	D1667	316428,182	7599399,212	D1730	319402,290	7601235,939	D1793	320006,422	7603570,701
D1605	320585,916	7594207,160	D1668	316501,864	7599455,948	D1731	319553,340	7601191,730	D1794	319892,629	7602904,007
D1606	320892,445	7594507,030	D1669	316619,989	7599343,309	D1732	319732,280	7601731,902	D1795	319935,492	7602412,556
D1607	320822,658	7594698,524	D1670	316718,233	7599453,342	D1733	319434,776	7601886,055	D1796	320021,220	7602471,345
D1608	321104,175	7595136,675	D1671	316612,128	7599974,689	D1734	318713,291	7602018,938	D1797	320129,699	7602776,278

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D1798	320314,247	7602890,049	D1861	323775,132	7597839,977	D1924	322423,874	7603555,184	D1987	327245,980	7600953,596
D1799	320205,767	7603175,138	D1862	324675,927	7598254,966	D1925	322155,092	7603714,871	D1988	327502,113	7600825,530
D1800	320195,845	7603388,790	D1863	324687,414	7598340,060	D1926	321484,720	7603041,686	D1989	327535,315	7600890,354
D1801	320294,403	7603435,092	D1864	325168,615	7599022,656	D1927	321339,262	7603202,955	D1990	327717,138	7600800,234
D1802	320397,590	7603408,634	D1865	324429,403	7599341,616	D1928	322003,262	7603927,628	D1991	327691,841	7600736,991
D1803	320420,080	7603219,456	D1866	323737,349	7599548,768	D1929	322054,839	7604220,886	D1992	327845,205	7600651,613
D1804	320460,429	7603112,300	D1867	323537,324	7599517,018	D1930	321561,901	7604160,465	D1993	328425,623	7600699,335
D1805	320583,461	7603087,826	D1868	322249,329	7600170,011	D1931	321539,796	7604400,671	D1994	328148,948	7601891,021
D1806	320612,565	7602991,914	D1869	321970,987	7600144,611	D1932	322074,733	7604471,407	D1995	328048,533	7601908,879
D1807	320523,268	7602776,278	D1870	321754,028	7600331,936	D1933	322178,625	7604618,773	D1996	327999,408	7602109,253
D1808	320302,340	7602624,804	D1871	321755,087	7600430,361	D1934	322129,258	7604741,823	D1997	327789,927	7602125,338
D1809	320216,351	7602345,668	D1872	321867,270	7600510,795	D1935	322334,833	7604836,138	D1998	327590,828	7602250,354
D1810	319957,549	7602159,668	D1873	322058,829	7600376,386	D1936	322418,095	7604601,827	D1999	327425,696	7602134,226
D1811	319987,928	7601811,358	D1874	322386,913	7600410,253	D1937	322287,901	7604314,447	D2000	327296,446	7602305,189
D1812	320407,380	7601838,681	D1875	322441,946	7600476,928	D1938	322249,362	7603926,155	D2001	327380,880	7602372,063
D1813	320774,386	7602110,391	D1876	322565,772	7600458,936	D1939	322448,306	7603834,052	D2002	327323,333	7602458,582
D1814	320789,712	7602210,867	D1877	322656,788	7600326,644	D1940	322577,250	7604235,623	D2003	327235,345	7602393,901
D1815	320954,812	7602239,442	D1878	322644,088	7600225,044	D1941	322735,668	7604428,673	D2004	327092,582	7602527,264
D1816	321070,957	7601939,223	D1879	322929,839	7600082,169	D1942	322899,981	7604270,255	D2005	327172,482	7602638,302
D1817	320993,169	7601805,344	D1880	322980,639	7600316,061	D1943	322773,984	7604103,731	D2006	326993,881	7602859,790
D1818	321034,973	7601646,593	D1881	322847,289	7600384,853	D1944	322696,617	7603840,684	D2007	327072,908	7602923,168
D1819	321024,919	7601348,143	D1882	322840,939	7600466,344	D1945	322800,510	7603758,159	D2008	326904,260	7603142,409
D1820	320927,552	7601312,689	D1883	322909,731	7600583,820	D1946	322670,092	7603559,952	D2009	327079,231	7603258,354
D1821	320827,010	7601347,084	D1884	323165,848	7600483,278	D1947	322941,246	7603033,857	D2010	327540,904	7602792,467
D1822	320769,331	7601836,565	D1885	323220,881	7600335,111	D1948	323237,451	7602720,706	D2011	327475,893	7602719,110
D1823	320569,305	7601637,597	D1886	323184,898	7599958,344	D1949	323801,249	7602826,050	D2012	327871,439	7602350,022
D1824	320078,238	7601598,968	D1887	323316,132	7599886,377	D1950	323851,805	7602554,793	D2013	328063,135	7602372,165
D1825	320038,550	7601512,714	D1888	323326,715	7600102,277	D1951	323767,968	7602322,083	D2014	327961,377	7602814,584
D1826	319903,524	7601487,475	D1889	323399,740	7600185,886	D1952	324028,069	7602214,506	D2015	327696,533	7602905,616
D1827	319843,420	7601240,854	D1890	323524,624	7600149,902	D1953	323945,544	7602011,878	D2016	327302,689	7603207,760
D1828	320094,774	7601217,703	D1891	323696,074	7599874,735	D1954	323663,339	7602120,192	D2017	327412,310	7603393,272
D1829	320125,530	7601055,917	D1892	323806,141	7600072,644	D1955	323619,866	7602084,824	D2018	327707,582	7603230,074
D1830	320332,168	7600879,316	D1893	323908,799	7600078,994	D1956	323963,229	7601722,305	D2019	327807,257	7603283,422
D1831	320347,641	7600725,319	D1894	323981,825	7600015,494	D1957	324297,013	7601262,525	D2020	327923,145	7603277,072
D1832	320529,638	7600745,950	D1895	323986,058	7599935,060	D1958	324341,959	7601282,419	D2021	328400,190	7604198,617
D1833	320513,427	7600880,053	D1896	323896,099	7599744,560	D1959	324429,642	7601143,159	D2022	328124,561	7604158,826
D1834	320721,950	7600896,264	D1897	324158,526	7599675,889	D1960	324375,853	7601104,107	D2023	328103,480	7604384,392
D1835	320752,897	7600751,109	D1898	324212,765	7599835,963	D1961	324529,114	7600737,904	D2024	328247,800	7604407,126
D1836	321028,471	7600733,425	D1899	324122,133	7599990,729	D1962	324559,325	7600584,643	D2025	328240,505	7604730,119
D1837	321021,103	7600506,482	D1900	324180,871	7600231,235	D1963	324411,960	7600159,493	D2026	328457,639	7604749,092
D1838	320796,370	7600525,639	D1901	324313,961	7600681,167	D1964	324423,749	7600019,496	D2027	328493,853	7604522,918
D1839	320836,159	7600297,223	D1902	324132,662	7601096,923	D1965	324677,265	7599845,072	D2028	328680,120	7604670,026
D1840	320618,058	7600261,854	D1903	323896,306	7601386,146	D1966	325045,350	7599902,804	D2029	328604,978	7605085,952
D1841	320572,374	7600527,849	D1904	323641,927	7601530,395	D1967	325713,871	7599791,215	D2030	328427,177	7605131,461
D1842	320369,010	7600510,902	D1905	323688,271	7601640,713	D1968	325722,713	7599879,634	D2031	328407,069	7605246,819
D1843	320381,536	7600376,799	D1906	323441,554	7601942,616	D1969	326003,444	7599846,477	D2032	328484,327	7605341,011
D1844	320328,485	7600244,170	D1907	323248,505	7601795,986	D1970	326028,865	7599669,639	D2033	328766,903	7605284,919
D1845	320319,645	7599104,297	D1908	323121,771	7601361,995	D1971	326013,945	7599460,195	D2034	328839,928	7605209,778
D1846	320079,443	7598718,461	D1909	322908,828	7601431,256	D1972	326260,414	7599335,856	D2035	328914,106	7604696,904
D1847	320623,775	7598479,730	D1910	323052,509	7601922,721	D1973	326283,071	7599654,166	D2036	329239,979	7604745,168
D1848	320852,560	7598754,935	D1911	323288,293	7602121,665	D1974	326504,119	7599630,403	D2037	329800,512	7605698,083
D1849	321153,738	7598797,488	D1912	322898,986	7602743,833	D1975	326488,890	7599393,394	D2038	329176,470	7605874,219
D1850	321435,023	7598668,728	D1913	322406,309	7602544,602	D1976	326831,121	7599514,713	D2039	329014,698	7605550,445
D1851	321593,626	7598303,445	D1914	322303,154	7602099,558	D1977	326668,753	7599835,550	D2040	328809,910	7605631,408
D1852	322602,747	7597226,449	D1915	322090,210	7602157,767	D1978	326740,191	7599945,352	D2041	328997,235	7606153,696
D1853	322817,060	7597124,849	D1916	322152,840	7602546,813	D1979	326864,016	7599935,298	D2042	329385,284	7606046,404
D1854	323032,961	7597323,287	D1917	321994,421	7602952,068	D1980	327025,941	7599655,898	D2043	329486,472	7606304,118
D1855	323002,798	7597999,563	D1918	322197,049	7603039,014	D1981	327356,241	7600029,067	D2044	330056,887	7606118,256
D1856	323236,955	7598038,457	D1919	322312,731	7602773,019	D1982	327050,455	7600204,170	D2045	330422,669	7606644,665
D1857	323311,567	7597930,507	D1920	322694,408	7602938,806	D1983	327153,224	7600390,736	D2046	330222,589	7607095,655
D1858	323273,467	7597846,369	D1921	322532,305	7603319,746	D1984	327776,286	7600249,753	D2047	331571,487	7607123,724
D1859	323303,630	7597680,475	D1922	322407,045	7603192,274	D1985	327786,355	7600406,258	D2048	330587,099	7606383,189
D1860	323456,824	7597811,444	D1923	322245,679	7603332,271	D1986	327152,510	7600749,484	D2049	330417,064	7606083,009

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D2050	330690,707	7605910,673	D2113	332838,961	7600199,787	D2176	331670,726	7598941,038	D2239	313105,520	7584673,929
D2051	330792,039	7605581,661	D2114	332877,987	7600025,823	D2177	312181,611	7586734,602	D2240	313141,239	7585592,300
D2052	330790,899	7605327,013	D2115	332742,388	7599948,432	D2178	311279,060	7587305,414	D2241	313253,952	7585658,181
D2053	330647,396	7605287,293	D2116	332636,787	7600000,949	D2179	311011,604	7587131,384	D2242	313788,923	7585571,486
D2054	330509,524	7605409,617	D2117	332380,284	7599773,942	D2180	310640,128	7586964,696	D2243	314230,266	7586387,639
D2055	330333,098	7605216,374	D2118	332592,285	7599479,679	D2181	310514,715	7587035,340	D2244	314167,190	7586691,522
D2056	330699,790	7604679,264	D2119	332767,524	7599503,931	D2182	310510,747	7587175,834	D2245	313826,946	7586931,991
D2057	330600,317	7604235,730	D2120	332855,498	7599372,962	D2183	310862,378	7587312,359	D2246	313342,852	7586897,227
D2058	331014,082	7604095,225	D2121	332739,683	7599106,374	D2184	311206,047	7587624,118	D2247	312776,268	7587012,787
D2059	331331,281	7604729,725	D2122	333031,342	7598926,870	D2185	310851,406	7587877,732	D2248	312622,012	7586520,644
D2060	331741,834	7604780,515	D2123	333267,408	7598727,923	D2186	310706,803	7587718,760	D2249	312307,006	7586543,214
D2061	331667,924	7605291,781	D2124	334049,155	7598824,533	D2187	310321,834	7587810,042	D2250	312165,843	7586583,310
D2062	331611,584	7605443,034	D2125	334386,066	7599251,237	D2188	310282,940	7587933,073	C1	329746,565	7608014,706
D2063	331402,860	7605485,076	D2126	334285,573	7599720,890	D2189	310361,521	7588039,436	C2	329064,520	7607589,988
D2064	331391,000	7605666,173	D2127	334295,481	7600027,113	D2190	310098,836	7588297,090	C3	329127,604	7607416,978
D2065	331438,463	7605894,330	D2128	333835,151	7600670,857	D2191	309569,467	7587880,333	C4	329267,510	7607476,314
D2066	331286,551	7606265,712	D2129	333541,431	7600761,366	D2192	309387,882	7587087,581	C5	329363,072	7607282,693
D2067	330742,871	7606458,143	D2130	333522,910	7600914,825	D2193	309807,710	7586739,784	C6	329116,361	7607175,264
D2068	329748,357	7604421,619	D2131	333736,562	7601206,529	D2194	309846,604	7586597,702	C7	329028,296	7606973,524
D2069	329280,705	7604470,567	D2132	333643,296	7601391,076	D2195	309332,128	7586210,708	C8	328839,671	7607042,228
D2070	328781,303	7604427,572	D2133	333186,889	7601482,357	D2196	309227,478	7585466,606	C9	328733,492	7606811,756
D2071	328656,924	7604306,066	D2134	333033,430	7601336,836	D2197	309106,827	7585404,694	C10	328841,546	7606647,491
D2072	328633,798	7603989,025	D2135	331826,266	7601912,968	D2198	308906,802	7585542,806	C11	328626,064	7606538,813
D2073	328377,424	7603571,143	D2136	331479,175	7601628,490	D2199	308841,714	7585755,532	C12	328492,403	7606806,759
D2074	328567,565	7603371,204	D2137	331359,594	7601175,554	D2200	307705,506	7585545,343	C13	328645,425	7607142,785
D2075	328733,907	7603485,210	D2138	331594,800	7599321,985	D2201	307329,618	7585320,556	C14	328502,395	7607219,609
D2076	329230,434	7603663,587	D2139	331336,708	7599480,810	D2202	307048,630	7584805,411	C15	328596,846	7607428,474
D2077	329468,153	7603580,178	D2140	330825,792	7599104,236	D2203	306700,775	7584119,338	C16	328784,707	7607391,370
D2078	329777,886	7603637,240	D2141	330164,344	7598789,366	D2204	306898,304	7583388,378	C17	328835,922	7607826,080
D2079	329898,508	7603914,941	D2142	329868,651	7598531,357	D2205	307174,868	7582670,469	C18	328484,671	7608441,206
D2080	329982,418	7604074,474	D2143	329820,706	7598080,504	D2206	307351,747	7582605,015	C19	328594,682	7608527,679
D2081	329790,796	7604287,825	D2144	329345,305	7597416,463	D2207	307428,004	7581809,534	C20	328805,347	7608512,644
D2082	330920,474	7603292,849	D2145	329228,367	7596956,477	D2208	307709,810	7581536,177	C21	329072,923	7607942,498
D2083	331293,335	7602721,492	D2146	328954,239	7596861,379	D2209	308020,617	7581595,018	C22	329432,696	7608093,432
D2084	331913,844	7602526,802	D2147	328872,502	7596725,627	D2210	308570,101	7581451,550	C23	329113,522	7608794,323
D2085	332130,141	7602327,703	D2148	328599,319	7596517,929	D2211	308525,604	7580903,314	C24	328898,104	7608698,681
D2086	332272,355	7602475,208	D2149	328548,421	7596291,128	D2212	309027,678	7580609,490	C25	328315,073	7608808,978
D2087	332720,824	7602442,797	D2150	328553,678	7596006,621	D2213	309697,283	7580495,224	C26	328315,073	7609047,104
D2088	332839,226	7602712,672	D2151	328674,356	7595874,607	D2214	310727,097	7579957,176	C27	327797,547	7609145,529
D2089	332744,637	7602973,287	D2152	329034,559	7596207,043	D2215	311135,561	7580036,435	C28	327783,213	7609379,974
D2090	332892,143	7603093,012	D2153	329202,570	7596170,663	D2216	311187,949	7580153,117	C29	328817,031	7609200,078
D2091	332719,502	7603501,794	D2154	329243,581	7596048,293	D2217	311372,326	7580174,818	C30	329184,538	7609096,096
D2092	332312,042	7603143,944	D2155	328688,143	7595445,826	D2218	311448,696	7580737,847	C31	329522,345	7608848,116
D2093	332151,969	7603236,548	D2156	329021,193	7594420,529	D2219	311325,112	7581463,878	C32	329681,426	7609022,277
D2094	331952,208	7602957,412	D2157	329539,914	7594050,684	D2220	311330,714	7581959,487	C33	329601,009	7609659,197
D2095	331790,151	7602859,516	D2158	329501,094	7593538,809	D2221	311708,196	7582314,907	C34	329269,568	7609664,376
D2096	331691,736	7602892,666	D2159	329690,066	7593501,673	D2222	312215,328	7582553,554	C35	329231,253	7610143,065
D2097	331658,002	7602978,656	D2160	330112,077	7593865,476	D2223	312438,901	7582763,898	C36	328795,037	7610173,269
D2098	331708,273	7603102,349	D2161	330198,763	7594051,431	D2224	312540,766	7583045,680	C37	328426,835	7609899,577
D2099	331319,996	7603220,750	D2162	330265,257	7594547,888	D2225	312681,657	7583262,639	C38	328219,336	7609910,221
D2100	331222,100	7603437,048	D2163	330580,391	7595266,447	D2226	312958,809	7583396,915	C39	328042,024	7610135,101
D2101	331250,765	7603529,995	D2164	330876,063	7595626,281	D2227	313080,517	7583528,545	C40	328549,347	7611265,667
D2102	330865,132	7603621,204	D2165	331115,691	7596119,043	D2228	313643,419	7584066,312	C41	327922,744	7612227,769
D2103	330840,421	7600790,752	D2166	331801,445	7596356,533	D2229	313437,705	7584264,750	C42	327562,434	7612265,578
D2104	331276,593	7600259,980	D2167	332937,833	7597143,008	D2230	313147,986	7584064,328	C43	327160,192	7615166,003
D2105	331398,963	7600347,954	D2168	333191,172	7597582,879	D2231	312777,569	7583910,208	C44	328037,076	7615250,193
D2106	331762,134	7600352,792	D2169	333135,609	7597822,989	D2232	312766,324	7583805,036	C45	328160,925	7616082,994
D2107	331884,475	7600558,960	D2170	332854,221	7598005,999	D2233	312695,548	7583723,015	C46	328371,734	7616045,049
D2108	332250,057	7600664,979	D2171	332380,418	7597549,611	D2234	312585,084	7583726,983	C47	328624,772	7615878,900
D2109	332677,565	7600635,027	D2172	331959,597	7597958,814	D2235	312429,244	7584014,321	C48	328703,711	7615726,391
D2110	332793,982	7600773,934	D2173	332094,084	7598263,563	D2236	312470,519	7584140,528	C49	328974,645	7615650,191
D2111	333094,285	7600566,236	D2174	331956,888	7598501,646	D2237	313030,908	7584260,384	C50	329086,378	7615707,755
D2112	333076,425	7600435,267	D2175	331855,907	7598764,129	D2238	313284,105	7584468,262	C51	329236,053	7615528,568

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C52	328930,380	7615273,488	C115	334809,781	7620145,402	C178	334906,489	7621810,070	C241	337554,650	7623763,872
C53	328681,702	7615143,749	C116	334603,333	7620084,948	C179	334725,514	7621879,920	C242	337586,723	7623904,330
C54	328223,669	7615078,880	C117	334528,383	7620321,288	C180	333939,170	7621339,110	C243	337426,650	7624196,695
C55	328090,649	7614592,971	C118	334195,323	7620176,761	C181	333818,520	7621382,502	C244	337590,692	7624511,550
C56	329082,800	7614694,155	C119	334577,203	7619704,491	C182	333808,995	7621530,669	C245	335981,860	7624990,198
C57	329196,754	7614778,829	C120	334888,614	7618381,708	C183	334458,813	7621975,170	C246	335533,408	7625055,154
C58	329134,670	7614913,826	C121	334918,120	7618176,255	C184	334450,346	7622114,870	C247	335575,880	7624769,095
C59	329184,676	7615009,870	C122	335186,541	7617986,815	C185	334816,530	7622247,162	C248	335386,007	7624694,145
C60	329304,532	7615027,332	C123	335375,401	7617638,220	C186	334320,171	7622497,987	C249	335284,199	7624899,008
C61	329381,598	7614916,179	C124	335480,376	7617327,854	C187	334305,354	7622622,871	C250	334075,004	7625366,195
C62	329757,350	7615195,385	C125	335691,234	7617085,243	C188	334418,596	7622698,013	C251	333966,951	7625452,387
C63	330589,219	7615268,831	C126	335475,461	7616548,319	C189	334907,547	7622455,654	C252	333525,995	7625326,220
C64	331102,705	7614658,557	C127	335763,857	7616548,319	C190	334951,997	7622576,304	C253	333351,736	7625146,964
C65	331467,617	7614940,089	C128	336090,395	7616787,618	C191	334740,330	7623286,447	C254	333121,890	7624639,177
C66	331881,716	7615095,611	C129	335979,630	7617002,032	C192	334541,363	7623352,064	C255	332847,073	7624582,340
C67	331899,516	7615310,624	C130	336043,792	7617109,188	C193	334513,846	7623468,481	C256	332767,751	7624754,725
C68	332104,692	7615335,452	C131	336324,769	7617216,627	C194	334595,338	7623553,148	C257	332944,508	7624870,273
C69	332137,952	7615209,442	C132	336459,679	7617184,149	C195	334708,580	7623551,031	C258	332786,488	7624995,190
C70	333200,848	7615594,539	C133	336617,074	7617546,408	C196	334672,597	7624146,874	C259	332916,401	7625165,701
C71	333117,583	7615855,943	C134	336773,293	7617755,566	C197	334592,163	7624256,941	C260	333060,680	7625057,024
C72	333398,985	7616016,562	C135	336734,797	7618234,992	C198	334644,022	7624367,008	C261	333169,982	7625281,250
C73	333560,451	7615728,944	C136	336939,849	7619786,115	C199	334767,847	7624383,941	C262	333610,937	7625808,399
C74	333841,660	7615836,683	C137	337337,485	7620714,242	C200	334904,372	7624207,199	C263	333521,621	7626008,891
C75	333808,868	7616395,998	C138	337187,202	7620969,301	C201	334930,831	7623554,206	C264	333106,273	7625995,149
C76	334415,321	7616315,410	C139	336864,071	7621016,666	C202	335051,481	7623540,448	C265	333125,636	7625587,296
C77	334500,316	7616062,893	C140	336749,051	7620931,863	C203	335285,373	7623434,614	C266	332889,543	7625592,917
C78	335157,127	7616314,202	C141	336643,217	7620989,013	C204	335486,457	7623691,790	C267	332883,297	7625928,318
C79	335255,856	7616662,090	C142	336447,425	7621302,280	C205	335383,798	7623790,215	C268	332755,881	7625973,913
C80	335058,741	7616685,902	C143	335745,749	7621136,122	C206	335420,840	7623944,732	C269	332755,881	7626123,813
C81	334999,210	7616774,538	C144	335645,207	7621213,380	C207	335651,557	7623947,907	C270	333053,183	7626243,733
C82	335099,752	7617041,768	C145	335681,190	7621349,905	C208	335860,049	7624084,432	C271	333532,239	7626236,239
C83	335298,190	7617133,049	C146	336380,750	7621517,122	C209	336147,916	7624480,250	C272	333482,272	7626400,505
C84	335027,912	7617818,719	C147	336356,408	7621972,207	C210	336248,458	7624486,600	C273	333578,457	7626604,119
C85	334787,572	7617992,116	C148	336453,775	7622045,232	C211	336345,825	7624393,466	C274	333113,767	7626506,683
C86	334572,265	7617950,124	C149	336582,892	7622006,073	C212	336108,758	7624017,757	C275	333060,053	7626745,274
C87	334372,504	7617777,483	C150	336597,709	7621574,272	C213	335530,907	7623390,164	C276	333577,832	7626859,574
C88	334274,608	7617773,514	C151	336796,676	7621622,956	C214	335676,344	7623350,276	C277	333689,007	7627639,680
C89	334213,754	7617840,983	C152	336789,268	7622115,082	C215	336046,316	7623054,672	C278	332960,117	7627777,087
C90	334213,184	7617938,382	C153	336881,607	7622573,632	C216	336164,850	7623145,689	C279	333011,333	7628045,658
C91	334418,501	7618155,870	C154	336368,050	7622725,530	C217	336320,425	7623031,389	C280	333246,159	7628035,339
C92	334640,963	7618198,528	C155	336256,925	7622513,862	C218	336390,275	7623065,255	C281	333241,804	7627963,838
C93	334633,555	7618328,703	C156	336291,850	7622294,787	C219	336834,776	7623079,014	C282	333552,847	7627917,619
C94	334450,463	7618552,012	C157	336186,016	7622227,054	C220	336908,860	7622968,947	C283	333237,431	7628880,727
C95	334431,418	7619062,816	C158	336068,541	7622274,679	C221	336841,126	7622825,013	C284	333447,291	7628963,173
C96	334288,076	7619061,879	C159	336003,983	7622626,046	C222	337000,696	7622779,283	C285	333623,424	7628530,336
C97	334218,747	7619138,703	C160	335802,899	7622769,980	C223	337212,602	7623140,609	C286	333772,075	7628524,715
C98	334272,977	7619369,879	C161	335853,699	7622913,913	C224	337213,658	7623142,595	C287	333718,361	7628793,911
C99	333787,104	7619701,179	C162	335484,340	7623147,805	C225	336929,718	7623489,207	C288	333770,826	7628915,705
C100	333338,841	7619907,118	C163	335396,498	7622999,639	C226	336746,493	7623345,009	C289	333712,739	7629249,857
C101	333082,784	7619522,820	C164	335282,198	7622981,647	C227	336638,014	7623374,774	C290	333898,240	7629655,837
C102	332907,588	7619638,055	C165	335198,589	7623083,247	C228	336597,003	7623507,066	C291	334120,592	7629553,406
C103	333206,919	7620295,743	C166	335196,473	7623220,831	C229	336847,035	7623708,150	C292	333963,821	7629238,615
C104	333426,147	7620544,952	C167	335007,031	7623241,997	C230	336920,457	7623969,427	C293	333989,430	7628975,665
C105	333426,147	7620736,543	C168	335113,923	7622889,572	C231	336753,108	7624176,463	C294	334322,333	7628797,659
C106	333633,665	7620766,055	C169	335230,340	7622877,930	C232	336779,566	7624281,635	C295	334232,394	7628597,168
C107	333651,934	7620511,225	C170	335285,373	7622772,096	C233	336903,259	7624327,276	C296	333980,686	7628706,470
C108	333533,577	7620268,863	C171	335220,815	7622533,971	C234	337161,229	7624022,343	C297	334023,783	7628344,836
C109	333783,937	7620145,009	C172	335611,340	7622431,312	C235	337064,655	7623671,770	C298	334342,321	7628480,995
C110	333984,928	7620489,010	C173	335611,340	7622288,437	C236	337324,623	7623351,359	C299	334429,763	7628266,139
C111	334468,890	7620551,980	C174	335515,032	7622224,937	C237	337327,431	7623356,641	C300	334026,906	7628098,125
C112	334222,959	7621075,225	C175	335108,631	7622328,654	C238	337438,556	7623547,142	C301	334083,119	7627906,378
C113	334410,803	7621181,092	C176	334971,047	7622033,378	C239	337304,942	7623708,538	C302	334018,787	7627829,554
C114	334728,405	7620519,658	C177	335001,739	7621891,561	C240	337414,744	7623865,965	C303	334100,608	7627636,557

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C304	334101,233	7627378,604	C367	338929,080	7631349,901	C430	338819,827	7639544,989	C493	339708,654	7637492,193
C305	333881,379	7627361,740	C368	339021,155	7631390,118	C431	338735,771	7639931,045	C494	339799,671	7637438,218
C306	333878,882	7627133,767	C369	339080,422	7631363,659	C432	337863,174	7639779,703	C495	339833,538	7637204,326
C307	333961,327	7627014,472	C370	339159,797	7631537,226	C433	337703,101	7639814,099	C496	339975,355	7637150,351
C308	333925,101	7626913,913	C371	339098,414	7631589,085	C434	337598,590	7640024,443	C497	340079,072	7636770,408
C309	333832,663	7626881,435	C372	339089,947	7631879,069	C435	337720,298	7640126,308	C498	339913,971	7636605,308
C310	333813,926	7626669,076	C373	338864,439	7632363,533	C436	337847,299	7640050,902	C499	339527,679	7636549,216
C311	333899,494	7626570,392	C374	338777,385	7632348,837	C437	338513,264	7640126,919	C500	339705,479	7636268,757
C312	333857,023	7626228,745	C375	338707,535	7632394,346	C438	338504,411	7640218,915	C501	339989,113	7635715,248
C313	333748,345	7626193,143	C376	338681,077	7632492,242	C439	338596,225	7640391,925	C502	340215,597	7635882,465
C314	333840,784	7625943,310	C377	338770,506	7632585,375	C440	338353,261	7640746,063	C503	340340,480	7635763,931
C315	334000,677	7625938,938	C378	338732,009	7632673,217	C441	338135,905	7641087,086	C504	340219,830	7635539,564
C316	334128,717	7625774,048	C379	338422,843	7632977,224	C442	338033,473	7641444,348	C505	339807,079	7635161,738
C317	334141,209	7625604,161	C380	338372,043	7633118,512	C443	337979,591	7641697,936	C506	339499,104	7635160,680
C318	334810,764	7625321,850	C381	338254,567	7633076,443	C444	337823,486	7641687,353	C507	339307,545	7635071,780
C319	334889,461	7625556,070	C382	338167,255	7633125,655	C445	337714,934	7641807,231	C508	339257,803	7634380,687
C320	335470,949	7625384,310	C383	338147,411	7633206,618	C446	337823,486	7641949,291	C509	339705,479	7634263,212
C321	335534,032	7625286,250	C384	338189,480	7633285,200	C447	337761,153	7642091,417	C510	339911,855	7634068,478
C322	335974,364	7625224,417	C385	338279,968	7633318,537	C448	337791,133	7642281,290	C511	340227,239	7634231,462
C323	337562,954	7624774,224	C386	338127,567	7633459,825	C449	337993,498	7642328,759	C512	340377,522	7634417,729
C324	337636,449	7624922,396	C387	338037,873	7633467,762	C450	338116,540	7642581,091	C513	340491,822	7634378,570
C325	337900,828	7625216,873	C388	337834,673	7633610,638	C451	337987,876	7642641,051	C514	340548,973	7634303,428
C326	337890,377	7625626,714	C389	337851,342	7633760,657	C452	338079,065	7642834,672	C515	340406,097	7634055,778
C327	337320,854	7625834,508	C390	337691,004	7633909,088	C453	338207,729	7642777,835	C516	340274,040	7633959,663
C328	337258,286	7626428,032	C391	337395,728	7634035,295	C454	338265,191	7642929,609	C517	340581,781	7633900,203
C329	337329,067	7626812,592	C392	337355,247	7634122,607	C455	338240,832	7643270,632	C518	341030,185	7633683,112
C330	337513,345	7627164,475	C393	337401,285	7634209,920	C456	338465,057	7643284,998	C519	341308,351	7633758,548
C331	336459,394	7626912,839	C394	337746,439	7634331,265	C457	338500,035	7642921,490	C520	341537,612	7634062,739
C332	336354,463	7627061,906	C395	337890,373	7634030,697	C458	338327,650	7642489,902	C521	341763,673	7634107,067
C333	336510,043	7627280,363	C396	338436,337	7633513,006	C459	338333,896	7642326,261	C522	341771,167	7634440,595
C334	336782,511	7627370,035	C397	338684,781	7633678,900	C460	338241,458	7642278,168	C523	341980,403	7634441,844
C335	336849,966	7627321,734	C398	338969,738	7634340,889	C461	338146,521	7642054,567	C524	341984,775	7634240,104
C336	337576,982	7627397,518	C399	339033,238	7634392,483	C462	338346,389	7641826,594	C525	342259,441	7634754,676
C337	337501,174	7627618,501	C400	339022,125	7635363,241	C463	338211,479	7641710,421	C526	342145,917	7634792,236
C338	337334,539	7627645,790	C401	338977,675	7635978,399	C464	338242,708	7641519,923	C527	342205,252	7635117,020
C339	337420,429	7628096,985	C402	338693,512	7636132,386	C465	338320,781	7641483,072	C528	342444,467	7635287,532
C340	337845,561	7628010,752	C403	338442,687	7636087,143	C466	338342,018	7641243,857	C529	342454,460	7635581,711
C341	337817,087	7627834,296	C404	338229,168	7636088,730	C467	338449,446	7641018,382	C530	342534,407	7635827,172
C342	338163,688	7627627,503	C405	338164,874	7636150,643	C468	338552,503	7641030,874	C531	342458,832	7635873,391
C343	338554,059	7629101,732	C406	338170,430	7636260,974	C469	338776,104	7640845,997	C532	342523,164	7636086,999
C344	337548,584	7630019,469	C407	338245,836	7636306,218	C470	338812,955	7640678,609	C533	342604,723	7636070,187
C345	337182,121	7630057,144	C408	338595,087	7636338,762	C471	338978,470	7640507,473	C534	342813,594	7636719,079
C346	336854,037	7630161,655	C409	338528,412	7636557,043	C472	338862,298	7640350,702	C535	342866,683	7637600,367
C347	336783,922	7630125,936	C410	338578,418	7636651,500	C473	338982,218	7640067,141	C536	342812,968	7637645,962
C348	336696,610	7630160,332	C411	338703,831	7636669,756	C474	338965,355	7639974,703	C537	342560,012	7637577,882
C349	336639,724	7630062,436	C412	338826,862	7636451,475	C475	339058,836	7639717,873	C538	342524,410	7637795,237
C350	336559,026	7630055,821	C413	338818,925	7636318,918	C476	339298,258	7639658,664	C539	342723,641	7637850,930
C351	336479,651	7630098,155	C414	339054,122	7636197,414	C477	339315,747	7639396,963	C540	342738,017	7638096,287
C352	336459,807	7630185,467	C415	339311,249	7636365,595	C478	339439,035	7639153,169	C541	342839,200	7638104,406
C353	336516,692	7630436,822	C416	339201,182	7636864,071	C479	339354,898	7639029,344	C542	342836,702	7638177,483
C354	336601,359	7630488,416	C417	339305,958	7637108,547	C480	339370,087	7638869,190	C543	342779,864	7638188,725
C355	336793,183	7630525,457	C418	339240,341	7637296,930	C481	339312,001	7638829,216	C544	342777,366	7638332,379
C356	336875,204	7630456,666	C419	339096,407	7637349,847	C482	339321,304	7638666,946	C545	342821,087	7638344,871
C357	336904,308	7630379,936	C420	339080,532	7637507,539	C483	339691,448	7638592,780	C546	342784,860	7638662,784
C358	337235,038	7630274,103	C421	339199,066	7637544,581	C484	339710,498	7638405,455	C547	342704,913	7638667,781
C359	337670,278	7630235,738	C422	339088,999	7638189,107	C485	339643,823	7638232,417	C548	342647,452	7638764,591
C360	337756,268	7630172,238	C423	339032,907	7638732,033	C486	339461,902	7638219,623	C549	342677,432	7638833,296
C361	337952,060	7630603,510	C424	338777,981	7638643,714	C487	339470,022	7637916,075	C550	342607,709	7639018,171
C362	338292,050	7630700,083	C425	338702,406	7638852,950	C488	339691,721	7637943,044	C551	343097,775	7639777,043
C363	338389,946	7630661,718	C426	338883,764	7638920,440	C489	339759,454	7637789,585	C552	343210,824	7640249,229
C364	338638,196	7630366,972	C427	338862,772	7639037,281	C490	339663,146	7637653,060	C553	343013,405	7640898,428
C365	338958,872	7631164,692	C428	338984,557	7639128,386	C491	339445,129	7637652,002	C554	342709,163	7640910,641
C366	338900,505	7631245,126	C429	338917,262	7639425,069	C492	339470,023	7637394,547	C555	342488,199	7640744,085

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C556	342427,129	7640607,509	C619	343134,313	7644860,412	C682	346563,079	7659367,292	C745	345608,483	7649599,144
C557	342469,323	7640567,536	C620	343317,316	7644979,083	C683	346612,292	7659259,342	C746	345251,066	7649174,270
C558	342387,645	7640380,289	C621	343625,862	7644493,157	C684	346548,792	7659111,704	C747	344553,561	7649258,588
C559	342602,568	7640296,606	C622	343800,745	7644688,028	C685	346569,429	7658433,840	C748	344404,598	7648965,346
C560	342522,622	7640084,525	C623	344112,411	7645438,779	C686	346740,880	7657949,652	C749	344635,071	7648438,353
C561	342249,470	7640195,561	C624	343999,986	7645561,821	C687	347050,443	7658213,177	C750	344402,258	7647751,154
C562	342100,681	7639830,249	C625	344143,640	7645708,599	C688	347021,993	7658530,941	C751	344334,136	7647278,804
C563	342017,404	7639472,709	C626	344270,431	7645591,177	C689	347037,607	7658843,233	C752	344384,727	7647271,933
C564	341798,660	7639527,117	C627	344382,231	7645664,878	C690	347290,563	7659297,306	C753	344375,359	7647006,485
C565	341896,372	7639929,071	C628	344191,108	7646135,190	C691	347288,064	7659437,213	C754	344318,466	7646994,533
C566	342253,911	7640828,473	C629	344073,685	7646861,581	C692	347196,250	7659395,991	C755	344405,965	7646184,532
C567	342458,219	7641032,782	C630	344121,777	7647324,398	C693	347107,559	7659583,366	C756	344565,859	7645779,178
C568	342428,238	7641193,786	C631	344019,970	7647418,710	C694	347223,107	7659643,951	C757	344754,483	7645847,258
C569	342568,594	7642168,099	C632	343926,907	7647325,022	C695	347096,316	7659945,000	C758	345316,657	7646402,066
C570	342031,174	7642443,682	C633	343768,262	7647466,803	C696	346924,555	7660066,793	C759	345718,265	7646474,519
C571	341883,147	7642643,548	C634	343828,847	7647562,364	C697	346864,595	7660062,421	C760	345735,129	7646602,559
C572	341610,204	7642661,037	C635	343660,833	7647805,952	C698	346802,137	7660116,760	C761	345686,411	7646719,980
C573	341628,941	7642881,515	C636	343828,221	7647947,732	C699	346725,937	7660349,105	C762	345916,258	7646815,542
C574	342002,443	7642848,412	C637	344033,086	7647647,308	C700	346739,053	7660572,706	C763	346063,660	7646789,310
C575	342252,277	7642592,333	C638	344149,883	7647599,215	C701	346959,531	7660547,099	C764	346104,882	7646601,310
C576	342668,515	7642704,967	C639	344177,408	7647814,393	C702	346942,043	7660398,448	C765	345943,115	7646520,738
C577	342892,474	7643534,207	C640	344385,393	7648433,200	C703	347023,239	7660262,913	C766	345913,760	7646312,127
C578	341689,004	7644034,861	C641	344138,994	7648980,804	C704	347365,512	7660016,203	C767	345585,229	7646191,582
C579	341426,678	7644196,628	C642	344243,455	7649323,701	C705	347424,848	7659715,778	C768	345403,475	7646183,462
C580	341389,827	7644596,986	C643	344472,053	7649470,790	C706	347493,552	7659713,280	C769	344876,951	7645659,435
C581	341347,355	7644616,973	C644	344854,767	7649481,565	C707	347524,157	7659235,473	C770	344319,149	7645346,965
C582	341342,358	7644745,013	C645	345176,584	7649417,858	C708	347386,125	7658921,307	C771	345126,738	7644275,804
C583	341384,830	7644765,000	C646	345363,959	7649649,267	C709	347277,447	7658789,519	C772	345183,575	7644253,320
C584	341373,587	7645061,053	C647	345261,838	7650112,083	C710	347267,931	7658543,378	C773	345217,303	7644167,127
C585	341334,863	7645067,298	C648	345206,093	7650680,767	C711	347458,431	7658448,128	C774	345097,383	7643882,316
C586	341315,014	7645375,656	C649	345034,176	7651032,564	C712	347326,668	7658076,652	C775	344915,629	7643947,897
C587	341076,909	7645464,533	C650	344982,647	7651374,055	C713	347237,475	7658073,746	C776	344937,489	7644165,877
C588	340826,451	7645666,898	C651	344799,020	7651287,862	C714	347060,718	7657909,480	C777	344230,458	7645089,636
C589	340933,879	7645778,074	C652	344687,531	7651300,978	C715	347021,994	7657639,660	C778	343984,373	7644564,361
C590	340665,307	7645981,688	C653	344665,047	7651080,344	C716	347062,592	7657584,072	C779	343331,059	7643853,583
C591	340567,248	7645916,107	C654	344437,386	7651091,118	C717	347024,493	7657421,055	C780	343095,464	7643451,138
C592	340434,211	7646072,877	C655	344421,458	7651721,635	C718	346945,795	7657421,680	C781	342781,335	7642123,167
C593	340735,885	7646392,040	C656	344353,534	7651773,632	C719	346892,706	7657229,932	C782	342995,638	7641557,988
C594	340883,911	7646240,266	C657	344458,932	7652065,001	C720	346917,689	7657204,324	C783	342697,315	7641464,684
C595	340822,702	7646152,825	C658	344720,321	7651989,114	C721	346885,836	7657093,148	C784	342656,388	7641129,602
C596	341075,035	7645942,340	C659	344857,105	7652103,413	C722	346858,354	7657090,025	C785	343179,960	7641126,054
C597	341208,071	7645970,447	C660	344734,151	7652182,040	C723	346819,630	7656817,082	C786	343359,841	7640676,354
C598	341345,479	7646106,606	C661	345024,582	7652477,469	C724	346769,039	7656757,122	C787	343380,086	7640552,152
C599	341515,991	7645972,321	C662	345206,336	7652346,931	C725	346779,032	7656602,849	C788	344119,594	7640580,259
C600	341262,362	7645698,978	C663	345761,591	7652373,789	C726	346662,860	7656397,986	C789	344624,258	7640353,536
C601	341495,380	7645583,205	C664	345903,372	7652559,915	C727	346664,734	7656160,644	C790	344977,772	7640538,414
C602	341577,825	7645734,979	C665	346030,161	7653268,818	C728	346570,422	7655992,006	C791	345222,609	7640830,095
C603	341712,735	7645859,896	C666	346097,615	7653874,040	C729	346675,978	7655407,395	C792	345564,880	7641529,629
C604	341870,130	7645718,740	C667	346206,917	7654389,322	C730	346433,016	7654707,236	C793	346343,111	7642156,088
C605	341744,963	7645563,511	C668	346218,783	7654747,209	C731	346420,525	7654331,861	C794	346629,794	7642325,976
C606	341842,025	7645453,292	C669	346344,948	7655198,784	C732	346308,725	7653823,449	C795	347267,635	7643073,104
C607	341890,742	7645254,050	C670	346450,503	7655435,501	C733	346246,892	7653224,473	C796	347132,725	7643123,695
C608	341578,540	7645188,331	C671	346343,073	7656033,853	C734	346109,239	7652467,860	C797	347191,436	7643316,067
C609	341590,318	7645063,551	C672	346446,754	7656216,856	C735	345885,326	7652172,275	C798	347432,525	7643258,605
C610	341700,869	7645084,787	C673	346441,133	7656455,447	C736	345497,460	7652115,594	C799	348065,047	7644015,439
C611	341737,095	7644904,282	C674	346532,946	7656657,813	C737	345101,629	7652120,746	C800	348417,493	7644227,337
C612	341656,327	7644848,605	C675	346567,923	7656857,055	C738	345085,234	7652014,410	C801	348409,998	7644287,297
C613	341681,728	7644608,892	C676	346697,828	7657377,802	C739	344769,068	7651721,348	C802	348538,662	7644358,500
C614	341610,290	7644567,617	C677	346551,967	7657549,601	C740	344851,089	7651565,243	C803	348574,264	7644312,281
C615	341633,415	7644329,040	C678	346537,679	7657841,702	C741	345001,384	7651625,138	C804	349002,104	7644428,454
C616	343002,505	7643721,947	C679	346345,591	7658305,253	C742	345224,830	7651474,301	C805	349288,162	7644805,078
C617	343164,295	7643994,114	C680	346305,904	7659137,104	C743	345226,235	7651233,993	C806	349484,907	7644664,547
C618	343474,088	7644327,642	C681	346426,554	7659379,992	C744	345424,385	7650740,728	C807	349232,200	7644353,570

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C808	349641,600	7644089,128	C871	343488,140	7640081,216	C934	339422,264	7631776,410	C997	339340,561	7628245,724
C809	349517,386	7643898,807	C872	343392,578	7640079,342	C935	339436,023	7631622,951	C998	339491,374	7628813,256
C810	349040,828	7644197,358	C873	343309,732	7639683,696	C936	339768,340	7631532,993	C999	339699,072	7628777,537
C811	348488,071	7644008,732	C874	342867,141	7639004,001	C937	340109,124	7631792,285	C1000	339612,526	7628187,515
C812	348508,683	7643943,151	C875	342989,724	7638785,203	C938	340430,858	7631964,794	C1001	340152,278	7628113,432
C813	348376,896	7643850,088	C876	343049,060	7638256,805	C939	340661,575	7631919,285	C1002	340770,081	7629024,262
C814	348338,796	7643886,314	C877	343087,786	7637485,444	C940	340710,259	7632006,069	C1003	340729,070	7629108,267
C815	347788,538	7643334,181	C878	343157,114	7637469,829	C941	340890,176	7631969,027	C1004	340478,377	7629011,694
C816	347865,362	7643256,108	C879	343137,753	7637293,072	C942	340839,376	7631706,560	C1005	340397,679	7629032,199
C817	347748,565	7643118,699	C880	343067,174	7637281,205	C943	340729,338	7631678,134	C1006	340360,637	7629093,715
C818	348079,595	7642569,690	C881	343022,206	7636621,644	C944	340464,725	7631730,902	C1007	340360,637	7629190,288
C819	348254,479	7642611,538	C882	343167,109	7636566,681	C945	340087,957	7631493,834	C1008	340624,560	7629327,210
C820	348285,498	7642859,563	C883	343115,539	7636371,032	C946	340164,863	7631332,967	C1009	340629,190	7629488,606
C821	348502,278	7642836,982	C884	343019,927	7636390,987	C947	341080,852	7630951,173	C1010	340709,227	7629555,414
C822	348450,342	7642263,419	C885	342791,735	7635915,864	C948	341322,153	7631093,254	C1011	340861,362	7629512,419
C823	348248,858	7642273,013	C886	343054,685	7635951,465	C949	341421,372	7631405,993	C1012	340916,925	7629470,747
C824	348138,931	7642357,956	C887	343081,668	7635734,242	C950	341846,029	7631625,068	C1013	340933,462	7629253,788
C825	347806,733	7642045,832	C888	342799,230	7635698,509	C951	342037,323	7631623,480	C1014	341017,467	7629251,804
C826	347722,595	7642036,308	C889	342688,679	7635594,827	C952	342241,317	7631699,681	C1015	341159,019	7629386,080
C827	347481,294	7642235,804	C890	342666,819	7635199,466	C953	342885,050	7631854,462	C1016	341235,748	7629390,049
C828	347489,761	7642349,575	C891	342518,793	7635056,436	C954	343019,194	7632271,976	C1017	341556,556	7629207,486
C829	347588,715	7642409,900	C892	342506,302	7634756,011	C955	343112,063	7632367,226	C1018	341696,124	7629206,824
C830	347761,224	7642298,775	C893	342316,429	7634296,941	C956	343237,475	7632348,176	C1019	341762,270	7629270,986
C831	347904,629	7642440,592	C894	342147,167	7634052,104	C957	343280,338	7632259,276	C1020	341912,422	7629302,075
C832	347675,499	7642784,021	C895	341944,178	7633983,399	C958	343123,175	7631868,750	C1021	342137,318	7629201,533
C833	347468,594	7642968,172	C896	341874,224	7633886,589	C959	343183,500	7631817,156	C1022	342320,542	7629191,611
C834	346789,672	7642168,070	C897	341596,909	7633754,177	C960	343173,975	7631706,031	C1023	342330,464	7629285,538
C835	346676,430	7642098,220	C898	341673,733	7633670,482	C961	343048,563	7631621,099	C1024	342247,120	7629383,434
C836	346825,127	7641922,007	C899	341550,066	7633516,834	C962	342922,356	7631579,030	C1025	342261,673	7629480,669
C837	346897,093	7641702,403	C900	341451,381	7633593,658	C963	342861,237	7631620,305	C1026	342339,725	7629526,310
C838	346926,197	7641133,547	C901	341385,175	7633527,452	C964	342084,948	7631405,993	C1027	342515,673	7629507,789
C839	347298,732	7641476,977	C902	341008,551	7633458,123	C965	341913,498	7631407,580	C1028	342571,897	7629436,351
C840	347191,310	7641633,611	C903	340751,048	7633553,995	C966	341608,697	7631255,974	C1029	342528,902	7629101,652
C841	347261,690	7641772,253	C904	340512,129	7633682,582	C967	341515,034	7630959,904	C1030	342792,825	7628741,818
C842	347415,149	7641736,798	C905	340409,735	7633681,789	C968	341249,128	7630772,579	C1031	342952,898	7628729,912
C843	347479,178	7641928,886	C906	340144,098	7633751,297	C969	341080,852	7630717,810	C1032	343016,398	7628682,948
C844	347555,501	7641950,124	C907	340121,609	7633214,191	C970	340537,926	7630917,042	C1033	343017,721	7628576,453
C845	347621,265	7641939,716	C908	340390,522	7633192,773	C971	340004,525	7631161,517	C1034	342953,559	7628516,261
C846	347686,082	7641866,445	C909	340392,109	7632978,990	C972	339908,993	7631340,905	C1035	342661,194	7628529,490
C847	347541,024	7641369,768	C910	340067,597	7632989,929	C973	339635,149	7631251,211	C1036	342354,277	7628968,699
C848	347071,181	7640888,213	C911	340028,735	7632904,706	C974	339516,879	7631294,074	C1037	342089,693	7628982,590
C849	347064,155	7640542,037	C912	339836,208	7632902,241	C975	339455,761	7631053,567	C1038	341889,271	7629074,532
C850	346967,189	7640315,313	C913	339849,707	7633159,919	C976	339085,079	7630867,829	C1039	341776,822	7628987,220
C851	346769,976	7640398,226	C914	339719,441	7633203,608	C977	339039,835	7630747,973	C1040	341497,687	7628990,527
C852	346849,610	7640586,070	C915	339749,868	7633403,369	C978	339236,685	7630734,479	C1041	341224,504	7629143,986
C853	346851,952	7640837,621	C916	339863,639	7633425,859	C979	339258,116	7630601,128	C1042	340524,679	7628267,552
C854	346741,869	7640911,166	C917	339877,922	7633792,914	C980	339216,408	7630519,881	C1043	340535,263	7628213,312
C855	346449,095	7640875,096	C918	339145,289	7634115,971	C981	339056,504	7630520,166	C1044	340499,544	7628141,213
C856	346525,451	7640405,721	C919	339109,570	7633836,570	C982	338920,772	7630315,378	C1045	340425,461	7628121,369
C857	346314,654	7640368,246	C920	339071,470	7633746,082	C983	338976,335	7630156,628	C1046	340275,971	7627898,457
C858	346217,687	7640931,776	C921	338952,407	7633727,826	C984	338912,834	7630074,077	C1047	339907,537	7627881,259
C859	346135,241	7641266,241	C922	338853,189	7633497,638	C985	338793,772	7630058,202	C1048	339560,933	7627963,942
C860	346361,965	7641301,843	C923	339056,389	7633147,594	C986	338823,934	7629580,364	C1049	339402,738	7627729,785
C861	346399,909	7641086,830	C924	339022,258	7633038,850	C987	339012,054	7629385,895	C1050	338997,925	7627481,076
C862	346707,673	7641125,242	C925	338888,114	7633004,719	C988	339039,041	7629231,907	C1051	338439,653	7627470,493
C863	346636,666	7641803,823	C926	338742,063	7633237,288	C989	338962,841	7629123,957	C1052	338202,850	7627020,700
C864	346410,566	7641934,361	C927	338661,101	7633050,756	C990	338811,896	7629166,343	C1053	338325,882	7626925,450
C865	345736,641	7641384,102	C928	338901,607	7632817,393	C991	338466,111	7627703,327	C1054	338273,673	7626785,450
C866	345407,486	7640705,803	C929	338980,189	7632666,580	C992	338905,320	7627708,618	C1055	338074,527	7626790,512
C867	345113,932	7640366,653	C930	339148,464	7632685,630	C993	338995,279	7627793,285	C1056	338016,160	7626599,747
C868	344628,630	7640100,580	C931	339405,640	7632411,786	C994	338987,341	7627941,452	C1057	338760,170	7626653,193
C869	344075,873	7640361,030	C932	339469,889	7632272,769	C995	339090,529	7628016,859	C1058	338818,113	7626832,581
C870	343518,860	7640339,611	C933	339230,706	7632092,852	C996	339143,446	7627998,338	C1059	338900,664	7626863,537

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C1060	338996,708	7627192,944	C1123	341137,085	7625450,395	C1186	339207,637	7621593,946	C1249	346190,103	7627900,954
C1061	339171,333	7627274,701	C1124	341065,648	7625365,728	C1187	339238,866	7621674,518	C1250	346104,378	7628439,118
C1062	339264,202	7627279,463	C1125	340680,678	7625336,624	C1188	339420,620	7621632,046	C1251	346205,978	7628767,731
C1063	339317,383	7627185,007	C1126	340732,272	7624897,415	C1189	339378,149	7621224,817	C1252	345931,340	7629053,481
C1064	339300,714	7627093,725	C1127	340945,262	7624552,133	C1190	339197,644	7621262,292	C1253	345829,740	7629066,181
C1065	339184,827	7627038,957	C1128	341167,512	7624332,528	C1191	339168,913	7621349,109	C1254	345790,052	7629188,419
C1066	339110,214	7626783,369	C1129	341274,669	7624058,684	C1192	338077,608	7621773,044	C1255	345871,015	7629291,607
C1067	339238,802	7626750,825	C1130	341224,398	7623921,100	C1193	337330,606	7621594,645	C1256	346048,815	7629275,732
C1068	339309,446	7626692,881	C1131	341107,981	7623902,579	C1194	337354,948	7621200,733	C1257	346283,765	7629009,031
C1069	339341,196	7626530,956	C1132	341025,960	7623984,600	C1195	337500,998	7620914,982	C1258	346571,104	7629944,071
C1070	339351,515	7626144,399	C1133	340970,397	7624212,143	C1196	337919,746	7620805,719	C1259	346699,691	7629956,771
C1071	339301,508	7626047,561	C1134	340748,147	7624434,393	C1197	338160,690	7620608,298	C1260	346782,241	7629869,458
C1072	339126,089	7626053,117	C1135	340596,011	7624659,289	C1198	338224,638	7620856,969	C1261	346334,565	7628404,192
C1073	339079,258	7626109,474	C1136	340504,730	7624864,342	C1199	338823,041	7620757,613	C1262	346432,991	7627908,891
C1074	338952,258	7626149,161	C1137	340453,136	7625326,041	C1200	338737,233	7620235,987	C1263	346666,354	7627954,929
C1075	338841,132	7626140,430	C1138	340285,125	7625306,197	C1201	338366,188	7620300,089	C1264	346858,441	7628222,159
C1076	338764,932	7626200,755	C1139	340067,637	7625128,132	C1202	338118,508	7620095,983	C1265	347075,929	7628395,197
C1077	338764,138	7626404,749	C1140	339689,811	7625087,915	C1203	337969,472	7620256,309	C1266	347333,105	7628472,984
C1078	338495,850	7626367,443	C1141	339603,028	7625040,290	C1204	338089,009	7620373,507	C1267	347668,068	7628811,122
C1079	338120,935	7626373,793	C1142	339500,369	7625068,865	C1205	337801,076	7620600,855	C1268	347487,093	7628950,823
C1080	338119,251	7625788,070	C1143	339039,993	7625022,298	C1206	337575,611	7620627,644	C1269	347496,618	7629079,411
C1081	338364,920	7625692,046	C1144	338856,901	7624932,340	C1207	337262,873	7619854,530	C1270	347596,630	7629134,973
C1082	338406,886	7625922,765	C1145	338884,418	7624821,215	C1208	337391,394	7619856,462	C1271	347856,981	7629028,611
C1083	338557,699	7625937,053	C1146	338726,726	7624713,264	C1209	337867,712	7619591,005	C1272	348253,857	7629628,687
C1084	338612,468	7625859,265	C1147	338601,843	7624719,614	C1210	338388,412	7619560,842	C1273	348155,432	7629642,974
C1085	338587,026	7625617,083	C1148	338533,051	7624504,772	C1211	339498,077	7619692,605	C1274	347893,494	7629792,200
C1086	338699,209	7625577,924	C1149	338688,451	7623544,364	C1212	340527,431	7619423,630	C1275	347475,980	7629941,425
C1087	338786,306	7625843,034	C1150	338597,434	7623450,172	C1213	341050,359	7620320,965	C1276	347498,205	7630076,362
C1088	338956,385	7625788,533	C1151	338481,017	7623487,214	C1214	341275,057	7620520,401	C1277	347601,393	7630139,863
C1089	339097,144	7625262,541	C1152	338378,358	7623832,231	C1215	341386,857	7620813,955	C1278	347915,719	7630027,150
C1090	339511,052	7625302,797	C1153	338179,391	7623790,956	C1216	342188,822	7621195,577	C1279	348010,969	7630131,925
C1091	339567,045	7625373,666	C1154	338204,791	7623666,866	C1217	342237,641	7621478,357	C1280	348131,619	7630089,063
C1092	339869,729	7625337,682	C1155	338103,191	7623585,903	C1218	342494,013	7621690,278	C1281	348172,894	7629990,637
C1093	339979,531	7625826,104	C1156	337793,628	7623712,904	C1219	342012,619	7621914,333	C1282	348136,382	7629919,200
C1094	340000,697	7626479,626	C1157	337679,328	7623511,291	C1220	342006,666	7622049,932	C1283	348260,207	7629852,525
C1095	340050,969	7626586,783	C1158	337838,078	7623392,228	C1221	342116,468	7622104,172	C1284	348428,482	7629839,825
C1096	340449,167	7626794,481	C1159	337764,524	7623220,778	C1222	342565,880	7621892,549	C1285	348428,482	7630025,562
C1097	340787,834	7626932,065	C1160	337544,390	7623274,753	C1223	342604,271	7622221,613	C1286	348515,795	7630127,163
C1098	341791,930	7627920,285	C1161	337363,415	7622947,727	C1224	342508,709	7622456,456	C1287	348093,519	7630431,963
C1099	342388,567	7627770,796	C1162	337385,060	7622823,179	C1225	342408,775	7622882,422	C1288	348136,382	7630570,076
C1100	342428,254	7627666,285	C1163	338236,630	7622747,764	C1226	342943,659	7623814,721	C1289	348264,969	7630595,476
C1101	342364,754	7627567,066	C1164	338273,142	7622880,320	C1227	343367,522	7623959,184	C1290	348623,745	7630330,363
C1102	342104,139	7627549,868	C1165	338413,636	7622886,670	C1228	343912,036	7624400,509	C1291	348745,983	7630468,476
C1103	342088,264	7627360,690	C1166	338525,555	7622726,332	C1229	344124,761	7625132,349	C1292	348855,520	7630430,376
C1104	341998,306	7627298,513	C1167	338702,562	7622712,045	C1230	344240,454	7625112,182	C1293	349011,625	7630529,859
C1105	341868,660	7627355,399	C1168	338727,962	7622987,476	C1231	344335,899	7625703,850	C1294	349155,559	7630593,359
C1106	341884,535	7627617,337	C1169	338805,749	7623041,452	C1232	344594,662	7626249,951	C1295	349303,726	7630860,060
C1107	341814,420	7627627,920	C1170	338912,906	7623031,927	C1233	344729,600	7626422,989	C1296	349459,301	7630906,627
C1108	341326,263	7627150,346	C1171	338951,800	7622911,276	C1234	344602,599	7626675,402	C1297	349403,209	7631050,560
C1109	341467,815	7627036,575	C1172	338924,812	7622697,757	C1235	344470,837	7626702,389	C1298	349441,309	7631308,794
C1110	341457,232	7626918,836	C1173	338998,631	7622667,595	C1236	344458,137	7626867,490	C1299	349605,351	7631508,820
C1111	341358,013	7626864,596	C1174	339024,031	7622560,438	C1237	344626,412	7626930,990	C1300	349537,618	7631599,836
C1112	341137,085	7626962,492	C1175	338956,562	7622473,126	C1238	344604,187	7627104,027	C1301	348956,592	7631278,103
C1113	340892,345	7626728,335	C1176	337215,949	7622612,248	C1239	344704,200	7627173,878	C1302	348852,875	7631339,486
C1114	340221,625	7626414,803	C1177	337092,481	7622458,247	C1240	344829,612	7627124,665	C1303	348834,883	7631461,195
C1115	340189,875	7625527,124	C1178	337049,618	7622243,934	C1241	344885,175	7626711,914	C1304	349395,801	7631818,912
C1116	340498,115	7625553,583	C1179	337865,249	7622186,518	C1242	345186,801	7626759,539	C1305	349740,818	7631822,087
C1117	340428,001	7625778,479	C1180	338326,192	7622012,884	C1243	345974,202	7627342,153	C1306	349763,043	7631903,579
C1118	340503,407	7625868,438	C1181	338586,644	7621857,363	C1244	346040,877	7627532,653	C1307	349670,968	7631939,562
C1119	340640,991	7625845,948	C1182	338653,349	7622358,640	C1245	346147,240	7627666,004	C1308	349665,676	7632063,387
C1120	340729,626	7625570,781	C1183	338763,799	7622363,442	C1246	345901,177	7627783,479	C1309	349752,460	7632323,738
C1121	341053,741	7625595,916	C1184	338868,985	7622327,551	C1247	345917,052	7627915,242	C1310	349723,529	7632901,542
C1122	341135,762	7625532,416	C1185	338802,126	7621783,663	C1248	346025,002	7627980,329	C1311	349199,458	7633043,183

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C1312	349200,781	7632634,401	C1375	347847,434	7633065,408	C1438	345652,050	7630945,915	C1501	349032,373	7635597,299
C1313	349113,468	7632562,963	C1376	347948,241	7633024,927	C1439	345785,400	7631042,224	C1502	349079,998	7635805,792
C1314	348979,853	7632613,234	C1377	347990,310	7632921,739	C1440	345745,183	7631144,882	C1503	349394,324	7635968,775
C1315	348974,562	7633231,038	C1378	347825,209	7632674,883	C1441	345833,025	7631242,249	C1504	349507,566	7635987,825
C1316	349012,926	7633466,517	C1379	347730,753	7632669,326	C1442	345986,484	7631290,933	C1505	349662,083	7635787,800
C1317	349235,177	7633540,601	C1380	347609,309	7632758,226	C1443	345648,875	7631514,241	C1506	349836,708	7635942,317
C1318	349289,417	7633699,351	C1381	347562,478	7632576,457	C1444	345647,816	7631632,775	C1507	349826,125	7636028,042
C1319	349184,906	7633774,758	C1382	347448,971	7632551,851	C1445	345808,684	7631801,050	C1508	349898,793	7636132,839
C1320	349199,458	7633895,143	C1383	347348,165	7632625,670	C1446	345929,334	7631759,775	C1509	349200,291	7636507,225
C1321	349318,521	7633949,383	C1384	347410,077	7632868,558	C1447	345958,967	7631671,933	C1510	349128,192	7636980,830
C1322	349618,823	7633777,403	C1385	347279,108	7632936,027	C1448	345937,800	7631606,316	C1511	349228,072	7637041,023
C1323	349736,563	7633810,476	C1386	347250,533	7632717,745	C1449	346229,901	7631411,583	C1512	349333,245	7637009,273
C1324	349823,876	7633732,424	C1387	347112,420	7632614,557	C1450	346320,918	7631731,200	C1513	349398,729	7636644,809
C1325	349806,678	7633499,590	C1388	347003,677	7632639,957	C1451	345932,509	7632269,893	C1514	350168,668	7636235,365
C1326	349924,418	7633457,257	C1389	346959,226	7632759,020	C1452	345853,134	7632251,901	C1515	350234,153	7636232,719
C1327	349917,803	7633260,142	C1390	347047,333	7632845,539	C1453	345747,300	7632336,568	C1516	350233,584	7636599,543
C1328	350077,876	7633372,590	C1391	347080,670	7633110,652	C1454	345899,700	7632960,986	C1517	350271,684	7636768,877
C1329	350409,929	7633430,799	C1392	346879,058	7633147,165	C1455	345479,541	7633081,636	C1518	350190,192	7636894,819
C1330	350484,277	7633914,193	C1393	346831,432	7633214,634	C1456	345336,666	7632903,836	C1519	350140,451	7637060,977
C1331	350323,410	7634071,885	C1394	346813,970	7633417,040	C1457	345220,249	7632921,827	C1520	350230,409	7637608,137
C1332	350257,793	7634081,410	C1395	346910,808	7633476,572	C1458	345165,215	7633032,953	C1521	350218,767	7637829,329
C1333	350201,702	7634145,969	C1396	347068,764	7633435,297	C1459	345340,899	7633332,462	C1522	350247,342	7638109,788
C1334	350199,585	7634194,652	C1397	347046,539	7633991,716	C1460	345823,500	7633253,086	C1523	350155,267	7638428,347
C1335	350033,426	7634361,869	C1398	346863,182	7633921,866	C1461	345894,409	7633381,145	C1524	350159,501	7638611,439
C1336	350083,168	7634462,411	C1399	346512,344	7633851,222	C1462	345782,225	7633411,837	C1525	350067,425	7638673,881
C1337	349967,810	7634576,711	C1400	346544,094	7633675,009	C1463	345760,000	7633529,312	C1526	350065,309	7638796,647
C1338	349620,675	7634660,320	C1401	346225,006	7633532,928	C1464	345840,434	7633618,212	C1527	350118,225	7638834,748
C1339	349397,367	7634765,095	C1402	346090,862	7632702,664	C1465	345920,867	7633605,512	C1528	350078,009	7639077,106
C1340	349335,983	7634756,628	C1403	346141,662	7632357,382	C1466	346115,601	7633960,054	C1529	350030,384	7639119,440
C1341	349248,141	7634793,670	C1404	346383,757	7632023,212	C1467	345904,992	7634017,205	C1530	350019,800	7639259,140
C1342	349237,558	7634843,412	C1405	346509,169	7632005,750	C1468	345852,075	7634151,613	C1531	349935,133	7639248,557
C1343	349063,991	7634919,612	C1406	346546,476	7631933,519	C1469	346307,160	7634636,331	C1532	349865,283	7639306,765
C1344	348896,774	7634889,979	C1407	347188,753	7631911,117	C1470	346441,568	7634587,647	C1533	349857,875	7639417,890
C1345	348890,424	7634645,503	C1408	347750,729	7632270,951	C1471	346493,427	7634652,206	C1534	349984,875	7639538,541
C1346	348623,724	7634516,386	C1409	347852,329	7632212,743	C1472	346412,993	7634735,814	C1535	349834,592	7639783,016
C1347	348442,748	7634564,011	C1410	347872,438	7632093,151	C1473	346524,118	7634916,790	C1536	349188,941	7639489,796
C1348	348404,648	7634490,986	C1411	347371,845	7631729,083	C1474	346661,702	7634908,323	C1537	349278,635	7639145,308
C1349	348314,690	7634475,111	C1412	347254,370	7631698,392	C1475	346813,044	7634554,839	C1538	349342,929	7639084,189
C1350	348239,548	7634513,211	C1413	347308,345	7631549,166	C1476	346768,594	7634408,789	C1539	349330,229	7638757,957
C1351	347987,664	7634465,586	C1414	347226,853	7631230,607	C1477	346599,260	7634293,430	C1540	349208,785	7638271,388
C1352	348159,114	7634168,194	C1415	347046,936	7631196,741	C1478	346420,401	7634062,713	C1541	349114,328	7638242,019
C1353	348226,848	7634132,210	C1416	346959,094	7631696,275	C1479	347329,512	7634346,347	C1542	349032,572	7638272,181
C1354	348355,965	7633821,060	C1417	346547,402	7631712,150	C1480	347205,686	7634549,547	C1543	349000,028	7638354,732
C1355	348678,757	7633732,160	C1418	346504,010	7631373,483	C1481	347242,728	7634639,506	C1544	349077,815	7638718,270
C1356	348703,099	7633617,859	C1419	346636,302	7631194,624	C1482	347368,670	7634678,664	C1545	348964,309	7638826,220
C1357	348638,540	7633503,559	C1420	346829,977	7631115,249	C1483	347535,887	7634452,180	C1546	348973,834	7638925,439
C1358	348283,998	7633610,451	C1421	346811,986	7630997,774	C1484	347748,612	7634822,598	C1547	349077,022	7639034,183
C1359	348196,156	7633572,351	C1422	346726,260	7630921,573	C1485	347985,679	7634858,581	C1548	348942,084	7639549,328
C1360	348220,498	7633338,459	C1423	346496,601	7631010,474	C1486	348216,397	7635100,940	C1549	348980,184	7639631,878
C1361	348145,356	7633267,550	C1424	346370,660	7631172,399	C1487	348550,831	7635249,107	C1550	349041,303	7639666,803
C1362	348004,597	7633284,484	C1425	346224,609	7631068,682	C1488	348539,189	7635353,882	C1551	348945,259	7639823,172
C1363	347969,672	7633657,018	C1426	346097,609	7631093,024	C1489	348407,955	7635420,557	C1552	348981,772	7639916,835
C1364	348110,960	7633804,391	C1427	345954,734	7630885,590	C1490	348423,830	7635566,608	C1553	349103,216	7639957,316
C1365	347820,447	7634302,867	C1428	345859,484	7630807,273	C1491	348712,756	7635672,441	C1554	349242,916	7639777,928
C1366	347264,027	7634076,648	C1429	345846,783	7630577,614	C1492	348830,231	7635618,466	C1555	349356,422	7639876,353
C1367	347288,633	7633387,671	C1430	345973,784	7630291,864	C1493	348800,598	7635453,366	C1556	349731,867	7639982,716
C1368	347358,483	7633351,159	C1431	345919,809	7630193,439	C1494	348957,231	7635415,266	C1557	349723,136	7640053,360
C1369	347379,915	7633301,152	C1432	345789,633	7630181,797	C1495	348965,698	7635228,999	C1558	349786,636	7640266,879
C1370	347691,065	7633271,784	C1433	345611,833	7630537,398	C1496	349282,031	7635075,363	C1559	349939,830	7640421,661
C1371	347740,278	7633190,821	C1434	345630,883	7630721,548	C1497	349397,125	7635294,967	C1560	350082,705	7640443,092
C1372	347717,259	7633093,190	C1435	345273,166	7630818,915	C1498	349312,458	7635367,728	C1561	350216,012	7640349,511
C1373	347585,496	7633029,689	C1436	345246,707	7630912,048	C1499	349186,890	7635361,291	C1562	350397,031	7640340,698
C1374	347710,115	7632962,220	C1437	345310,207	7631031,640	C1500	349109,632	7635452,308	C1563	350463,706	7640277,992

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C1564	350467,674	7640179,566	C1627	350651,825	7635047,169	C1690	350164,340	7630905,045	C1753	351226,700	7627393,392
C1565	350350,950	7639851,300	C1628	350775,650	7635026,531	C1691	350324,413	7630836,253	C1754	351507,158	7627366,933
C1566	350199,608	7639841,775	C1629	350842,325	7634828,093	C1692	350333,673	7630718,513	C1755	351498,692	7627517,217
C1567	350189,025	7639699,958	C1630	350989,169	7634851,112	C1693	350238,423	7630636,492	C1756	351609,817	7627562,725
C1568	350352,581	7639660,453	C1631	351051,876	7634750,306	C1694	349804,506	7630792,597	C1757	351716,709	7627520,392
C1569	350378,774	7639554,090	C1632	351643,221	7634743,162	C1695	349619,297	7630726,451	C1758	351732,584	7627366,933
C1570	350393,062	7639320,727	C1633	351700,371	7634664,581	C1696	349599,453	7630625,909	C1759	351958,009	7627309,783
C1571	350299,399	7639254,846	C1634	351692,433	7634576,474	C1697	349508,172	7630594,159	C1760	351978,118	7627176,433
C1572	350312,099	7639030,214	C1635	351617,821	7634523,293	C1698	349426,151	7630627,232	C1761	351846,884	7627062,133
C1573	350389,093	7638972,270	C1636	351386,045	7634526,468	C1699	349305,765	7630408,950	C1762	351662,734	7627154,208
C1574	350404,174	7638884,958	C1637	351407,476	7634157,373	C1700	349128,494	7630333,544	C1763	351481,758	7627142,566
C1575	350354,962	7638800,026	C1638	351334,451	7634089,904	C1701	349176,119	7630193,314	C1764	351453,183	7627024,033
C1576	350403,381	7638503,163	C1639	351245,551	7634096,254	C1702	349123,202	7630096,741	C1765	351344,175	7626994,399
C1577	350480,375	7638461,094	C1640	351185,226	7634158,961	C1703	348985,619	7630092,772	C1766	351256,333	7627055,783
C1578	350502,600	7638364,257	C1641	351157,445	7634484,399	C1704	348934,025	7630197,283	C1767	351236,224	7627146,799
C1579	350442,275	7638279,325	C1642	350957,419	7634517,736	C1705	348656,212	7629943,282	C1768	351040,433	7627123,516
C1580	350469,262	7638150,737	C1643	350909,794	7634442,330	C1706	348653,566	7629796,438	C1769	351012,916	7626851,524
C1581	350664,525	7637818,949	C1644	350791,525	7634446,299	C1707	348939,647	7629713,425	C1770	350788,549	7626710,765
C1582	350635,950	7637699,093	C1645	350734,375	7634525,674	C1708	348966,106	7629595,685	C1771	350897,557	7626474,757
C1583	350542,287	7637672,899	C1646	350393,856	7634526,468	C1709	348903,928	7629448,841	C1772	351329,358	7626277,906
C1584	350454,181	7637580,030	C1647	350312,099	7634400,261	C1710	349057,112	7629485,721	C1773	351325,125	7626169,956
C1585	350370,043	7637060,917	C1648	350741,519	7633973,223	C1711	349593,688	7629863,547	C1774	351635,217	7626120,214
C1586	350514,506	7636813,266	C1649	350743,900	7633868,448	C1712	350012,789	7629932,338	C1775	351684,959	7626035,547
C1587	350464,499	7636600,541	C1650	350696,275	7633795,423	C1713	350175,772	7629913,288	C1776	351672,259	7625970,989
C1588	350571,656	7636479,097	C1651	350672,463	7633658,897	C1714	350189,531	7630048,755	C1777	351805,609	7625806,947
C1589	350645,475	7636324,315	C1652	350763,744	7633643,022	C1715	350595,932	7630190,572	C1778	351754,809	7625684,180
C1590	350744,694	7636348,128	C1653	350783,588	7633753,354	C1716	350684,832	7630137,656	C1779	351633,100	7625676,772
C1591	350741,519	7636500,528	C1654	351075,688	7633869,241	C1717	350701,765	7630005,364	C1780	351537,850	7625782,605
C1592	350749,456	7636675,153	C1655	351171,732	7633828,760	C1718	351135,683	7630166,231	C1781	351463,767	7625730,747
C1593	350775,650	7636951,379	C1656	351197,926	7633738,272	C1719	351388,625	7630168,347	C1782	351502,925	7625591,046
C1594	350873,282	7637006,941	C1657	351130,457	7633579,522	C1720	351451,067	7630079,447	C1783	351427,783	7625501,088
C1595	350993,138	7636948,997	C1658	351196,338	7633512,053	C1721	351416,141	7629948,213	C1784	351296,550	7625522,255
C1596	350977,263	7636751,353	C1659	351283,651	7633223,921	C1722	351182,249	7629945,038	C1785	351144,149	7625829,172
C1597	351041,557	7636685,472	C1660	351547,177	7633391,403	C1723	350880,624	7629807,455	C1786	351067,949	7625873,622
C1598	351228,882	7636800,566	C1661	351629,727	7633531,103	C1724	350297,481	7629685,746	C1787	350823,474	7626158,314
C1599	351322,545	7636779,135	C1662	351739,265	7633530,309	C1725	350277,373	7629499,479	C1788	350694,357	7626042,956
C1600	351370,170	7636687,853	C1663	351806,734	7633457,284	C1726	350103,806	7628721,603	C1789	350593,815	7626077,881
C1601	351328,895	7636599,747	C1664	351792,446	7633373,147	C1727	350304,889	7628494,061	C1790	350499,623	7625979,456
C1602	351093,151	7636443,378	C1665	351701,958	7633219,159	C1728	350553,598	7627914,093	C1791	350505,973	7625704,288
C1603	351127,282	7636343,365	C1666	351436,052	7633057,234	C1729	350767,382	7627950,076	C1792	350313,356	7625449,230
C1604	351074,101	7636257,640	C1667	351467,008	7632954,839	C1730	350803,365	7628041,093	C1793	350301,714	7625350,804
C1605	350751,838	7636101,271	C1668	351393,983	7632738,145	C1731	350750,448	7628270,752	C1794	350197,997	7625302,121
C1606	350635,950	7636100,477	C1669	351283,651	7632713,539	C1732	350816,065	7628342,719	C1795	350119,681	7625320,113
C1607	350574,037	7636005,227	C1670	351198,720	7632777,833	C1733	350948,357	7628341,660	C1796	349737,622	7625108,446
C1608	350728,819	7635847,270	C1671	351200,307	7632839,746	C1734	351004,449	7628186,085	C1797	349573,579	7624548,586
C1609	350847,088	7635918,708	C1672	350863,757	7632947,696	C1735	351353,700	7628435,852	C1798	349579,929	7624298,819
C1610	351041,557	7635900,452	C1673	350820,100	7633042,946	C1736	351659,559	7628880,353	C1799	349474,096	7624243,785
C1611	351489,233	7635507,545	C1674	350873,282	7633150,102	C1737	351571,717	7629285,696	C1800	349359,796	7624295,644
C1612	351713,071	7635062,250	C1675	351026,476	7633172,327	C1738	351642,625	7629370,362	C1801	349353,446	7624603,620
C1613	351663,064	7634982,875	C1676	350998,694	7633369,178	C1739	351785,501	7629353,429	C1802	349506,904	7625126,437
C1614	351569,402	7634951,125	C1677	350639,125	7633435,853	C1740	351854,292	7629031,695	C1803	349416,946	7625188,879
C1615	351487,645	7635005,894	C1678	350615,312	7633287,422	C1741	352019,393	7629102,604	C1804	349416,946	7625249,204
C1616	351293,970	7635388,482	C1679	350556,575	7633228,684	C1742	352124,168	7629047,570	C1805	349279,362	7625346,571
C1617	351110,613	7635540,882	C1680	350162,874	7633155,659	C1743	352123,110	7628912,103	C1806	349188,345	7625249,204
C1618	351001,869	7635394,038	C1681	349979,131	7633001,872	C1744	351868,051	7628789,336	C1807	349070,870	7625282,013
C1619	350847,882	7635268,625	C1682	350050,569	7632231,933	C1745	351754,809	7628575,552	C1808	349030,653	7625396,313
C1620	350591,500	7635338,476	C1683	349972,516	7631681,598	C1746	351551,609	7628280,277	C1809	349337,571	7625761,438
C1621	350447,037	7635540,882	C1684	349758,203	7631300,598	C1747	351092,291	7627971,243	C1810	349616,971	7625777,314
C1622	350065,200	7634900,737	C1685	349763,495	7631054,535	C1748	351144,149	7627829,426	C1811	349680,471	7625685,238
C1623	350329,562	7634811,424	C1686	349943,412	7630984,420	C1749	351072,183	7627733,117	C1812	349647,663	7625567,763
C1624	350414,493	7634905,881	C1687	350014,850	7631083,639	C1750	350929,307	7627748,992	C1813	349429,646	7625515,905
C1625	350574,831	7634901,912	C1688	350132,590	7631073,055	C1751	350772,674	7627692,901	C1814	349593,688	7625394,196
C1626	350578,006	7634988,431	C1689	350194,767	7630980,451	C1752	351015,032	7627382,808	C1815	349807,472	7625420,654

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C1816	350121,797	7625575,171	C1879	347442,103	7628268,797	C1942	350506,173	7622642,047	C2005	355794,762	7623049,437
C1817	350283,723	7625792,130	C1880	347176,196	7628188,099	C1943	350491,807	7622835,668	C2006	356088,450	7622843,855
C1818	350268,906	7626267,323	C1881	346801,810	7627719,786	C1944	350704,166	7622862,525	C2007	356142,425	7622741,462
C1819	350575,823	7626570,007	C1882	346645,705	7627660,254	C1945	350722,279	7622657,037	C2008	356387,694	7622633,511
C1820	350559,948	7626833,532	C1883	346840,174	7627157,545	C1946	350810,345	7622667,031	C2009	356474,213	7622685,105
C1821	350741,982	7626951,008	C1884	346755,507	7627057,003	C1947	351032,203	7622573,264	C2010	356586,926	7622616,049
C1822	350827,707	7627249,458	C1885	346624,538	7627083,462	C1948	351283,155	7622766,965	C2011	356582,163	7622537,467
C1823	350762,090	7627338,358	C1886	346414,194	7627639,088	C1949	351207,580	7622877,516	C2012	357126,677	7622209,648
C1824	350642,498	7627302,375	C1887	346156,225	7627193,264	C1950	351031,448	7622869,396	C2013	357746,113	7621760,929
C1825	350552,540	7627377,517	C1888	345908,908	7626973,092	C1951	350822,212	7622918,113	C2014	357730,238	7621275,418
C1826	350563,123	7627471,708	C1889	345677,814	7626086,807	C1952	350878,424	7623127,349	C2015	357679,438	7621019,698
C1827	350612,865	7627523,567	C1890	345403,622	7625793,252	C1953	351155,740	7623096,120	C2016	357570,384	7620684,851
C1828	350337,698	7627817,784	C1891	345245,603	7625226,754	C1954	351266,291	7623166,074	C2017	357590,228	7620355,444
C1829	350228,689	7627462,184	C1892	345200,009	7624432,284	C1955	351260,045	7623294,738	C2018	357382,265	7619372,780
C1830	349843,455	7627363,758	C1893	345938,892	7624482,876	C1956	351467,407	7623307,855	C2019	357314,796	7619240,223
C1831	349764,080	7627452,658	C1894	345971,371	7624250,531	C1957	351498,012	7623097,995	C2020	357260,027	7618988,604
C1832	349779,955	7627581,775	C1895	345301,192	7624198,689	C1958	351416,191	7622956,838	C2021	357127,471	7618540,928
C1833	350054,064	7627646,334	C1896	345187,518	7624146,224	C1959	351457,414	7622903,749	C2022	357229,865	7618463,934
C1834	350150,372	7627970,185	C1897	345451,154	7623380,982	C1960	351596,696	7622897,503	C2023	357218,752	7618344,871
C1835	350227,631	7628090,835	C1898	345662,828	7623386,106	C1961	351597,945	7623002,433	C2024	357163,983	7618314,709
C1836	350108,039	7628380,819	C1899	345670,947	7623442,943	C1962	351642,291	7623101,118	C2025	357097,308	7618075,790
C1837	349867,797	7628572,377	C1900	345861,445	7623492,286	C1963	351814,051	7623162,952	C2026	357202,877	7617592,395
C1838	349808,530	7628895,170	C1901	346299,903	7623728,379	C1964	351927,101	7623033,038	C2027	357460,053	7617445,551
C1839	349934,472	7629024,287	C1902	346492,900	7623644,685	C1965	351850,277	7622924,361	C2028	357656,109	7617493,176
C1840	350047,714	7629700,563	C1903	346449,804	7623521,018	C1966	352110,729	7622908,122	C2029	358059,270	7617378,753
C1841	349667,771	7629644,471	C1904	346760,846	7623598,466	C1967	352119,473	7622941,225	C2030	358137,123	7617432,057
C1842	349136,487	7629268,762	C1905	346749,604	7623658,426	C1968	352532,255	7622930,514	C2031	358256,979	7617378,876
C1843	348955,522	7629223,945	C1906	346788,952	7623737,124	C1969	352545,439	7622882,515	C2032	358259,361	7617317,757
C1844	349094,429	7628434,162	C1907	346829,449	7624108,520	C1970	352845,864	7622863,153	C2033	358446,686	7617247,113
C1845	349214,814	7628469,881	C1908	346731,389	7624398,952	C1971	353264,960	7622752,602	C2034	358827,687	7617251,082
C1846	349295,513	7628401,089	C1909	346785,103	7624716,865	C1972	353276,827	7622932,482	C2035	358955,481	7617129,638
C1847	349303,450	7628292,610	C1910	346787,601	7624956,705	C1973	353434,847	7623023,672	C2036	359030,093	7616841,506
C1848	349140,731	7628182,808	C1911	347005,581	7624934,220	C1974	353485,438	7622960,589	C2037	358957,543	7616663,032
C1849	349306,096	7627297,775	C1912	347001,834	7624783,696	C1975	353642,833	7623030,543	C2038	359172,969	7615996,954
C1850	349232,012	7627211,785	C1913	347169,847	7624745,596	C1976	354120,015	7623145,467	C2039	359356,325	7615769,941
C1851	349090,460	7627226,337	C1914	347148,611	7624536,985	C1977	354042,567	7623310,981	C2040	359383,313	7615696,122
C1852	349032,252	7627533,254	C1915	346977,475	7624562,593	C1978	354155,181	7623398,174	C2041	359528,569	7615581,822
C1853	348824,553	7627293,806	C1916	346956,240	7624413,317	C1979	354283,769	7623394,999	C2042	359695,257	7615375,447
C1854	348705,491	7627336,139	C1917	347052,426	7624130,381	C1980	354488,519	7623823,765	C2043	359685,732	7615293,690
C1855	348660,511	7627453,879	C1918	347006,308	7623740,872	C1981	354493,515	7623930,569	C2044	359611,120	7615225,428
C1856	348979,335	7627820,328	C1919	347080,633	7623733,377	C1982	354040,692	7624097,333	C2045	359493,644	7615257,971
C1857	348790,157	7627924,838	C1920	347129,351	7623651,557	C1983	353964,834	7623707,858	C2046	359187,256	7615580,235
C1858	348771,636	7628039,932	C1921	347115,610	7623587,224	C1984	353745,264	7623770,050	C2047	359154,712	7615666,754
C1859	348839,105	7628124,599	C1922	347556,466	7623582,622	C1985	353868,931	7624452,096	C2048	358967,387	7615899,323
C1860	348919,803	7628123,276	C1923	347658,898	7623613,851	C1986	353837,701	7624466,461	C2049	358865,787	7616186,661
C1861	348771,636	7628920,997	C1924	347801,928	7623586,994	C1987	353850,817	7624603,870	C2050	358706,243	7616191,423
C1862	348702,845	7628934,226	C1925	347962,864	7624317,177	C1988	353887,668	7624611,990	C2051	358623,693	7616241,430
C1863	348448,844	7629120,757	C1926	348110,890	7624413,363	C1989	353907,654	7624847,458	C2052	358620,518	7616359,699
C1864	348169,708	7629059,903	C1927	348486,265	7624537,031	C1990	354159,986	7624945,518	C2053	358763,393	7616454,949
C1865	348152,510	7628948,778	C1928	348546,850	7624330,294	C1991	354247,428	7624760,016	C2054	358722,118	7616666,881
C1866	348320,521	7628915,705	C1929	348206,452	7624216,619	C1992	354112,518	7624680,070	C2055	358791,968	7616866,906
C1867	348483,240	7628796,642	C1930	348151,489	7624146,041	C1993	354078,791	7624320,934	C2056	358743,549	7617028,037
C1868	348442,230	7628674,934	C1931	348286,399	7624052,354	C1994	354506,007	7624157,918	C2057	358499,074	7617026,450
C1869	348246,438	7628583,652	C1932	348218,320	7623883,716	C1995	354715,242	7624419,619	C2058	358417,261	7616986,108
C1870	348427,677	7628282,026	C1933	348114,639	7623908,075	C1996	354895,122	7624279,088	C2059	357874,391	7617193,138
C1871	348373,438	7628176,193	C1934	348074,041	7623676,354	C1997	354716,492	7624070,476	C2060	357787,872	7617132,019
C1872	348196,167	7628111,370	C1935	348164,606	7623633,883	C1998	354706,499	7623773,799	C2061	357532,284	7617212,188
C1873	348014,927	7627854,724	C1936	348412,566	7623768,793	C1999	354793,316	7623362,823	C2062	357395,759	7617217,744
C1874	347893,218	7627857,369	C1937	348729,854	7623719,451	C2000	354781,935	7623164,266	C2063	357177,477	7617309,026
C1875	347823,103	7627972,463	C1938	349425,017	7623229,154	C2001	355137,800	7623072,985	C2064	357025,871	7617439,201
C1876	348108,854	7628369,339	C1939	349660,486	7623008,676	C2002	355241,517	7623118,493	C2065	356938,558	7617613,032
C1877	347951,427	7628625,986	C1940	349670,479	7622866,271	C2003	355498,693	7623008,956	C2066	356872,677	7618094,840
C1878	347813,843	7628636,569	C1941	350029,615	7622691,388	C2004	355651,887	7623086,743	C2067	356912,364	7618597,284

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C2068	357117,946	7619359,286	C2131	348163,844	7623052,325	C2194	343690,906	7621731,726	C2257	342778,400	7617103,304
C2069	357176,684	7619464,855	C2132	348192,575	7622886,810	C2195	343628,464	7621929,635	C2258	342547,929	7617243,835
C2070	357367,184	7620392,751	C2133	348388,695	7622969,880	C2196	343846,569	7622034,617	C2259	342469,856	7617068,327
C2071	357319,075	7620686,322	C2134	348474,263	7622781,880	C2197	344114,240	7621904,235	C2260	342612,261	7617020,859
C2072	357494,184	7621301,596	C2135	348270,649	7622661,336	C2198	344599,192	7621965,290	C2261	342567,916	7616794,759
C2073	357506,090	7621648,465	C2136	348077,652	7622674,451	C2199	344830,289	7621800,400	C2262	342359,929	7616835,357
C2074	356518,663	7622308,867	C2137	348121,998	7622195,396	C2200	344722,236	7621622,393	C2263	341987,054	7615898,481
C2075	356501,995	7622207,267	C2138	348311,872	7622141,682	C2201	344533,611	7621732,944	C2264	341923,972	7615342,601
C2076	356413,888	7622163,610	C2139	348271,899	7621925,576	C2202	344259,232	7621695,743	C2265	342032,026	7614669,300
C2077	356290,857	7622206,473	C2140	347907,766	7621949,934	C2203	344058,304	7621339,456	C2266	342145,678	7614660,279
C2078	356299,588	7622430,311	C2141	347850,304	7622577,641	C2204	344080,789	7621075,257	C2267	342363,012	7614503,346
C2079	355978,119	7622570,011	C2142	347682,290	7622858,078	C2205	344037,693	7620865,397	C2268	342891,410	7614515,214
C2080	355909,062	7622700,186	C2143	347763,204	7623185,387	C2206	343955,248	7620700,506	C2269	342928,260	7614664,489
C2081	355682,049	7622850,205	C2144	347683,882	7623362,144	C2207	344278,783	7620579,962	C2270	342647,821	7615140,422
C2082	355513,774	7622757,337	C2145	347339,736	7623359,645	C2208	344434,929	7620734,235	C2271	342851,435	7615260,967
C2083	354569,606	7622910,266	C2146	347396,573	7623259,712	C2209	344597,945	7620591,830	C2272	343056,299	7614924,316
C2084	353960,747	7622790,703	C2147	347232,932	7623151,034	C2210	344285,654	7620262,049	C2273	343298,637	7615537,034
C2085	353933,265	7622875,646	C2148	347023,172	7623369,869	C2211	344126,385	7620318,261	C2274	343476,019	7615481,446
C2086	353484,814	7622694,516	C2149	346835,172	7623393,603	C2212	344123,886	7620404,454	C2275	343649,822	7616163,029
C2087	353554,143	7622616,443	C2150	346364,861	7623253,071	C2213	343849,069	7620509,383	C2276	343484,306	7616351,029
C2088	353432,974	7622479,035	C2151	345482,298	7623129,108	C2214	343833,716	7620082,741	C2277	343006,374	7616374,125
C2089	352786,529	7622651,419	C2152	345362,732	7622931,694	C2215	343656,959	7619608,056	C2278	342681,204	7616333,980
C2090	352417,400	7622658,913	C2153	345195,119	7622788,899	C2216	343940,521	7619289,519	C2279	342625,002	7616542,731
C2091	352394,915	7622557,731	C2154	345238,424	7622731,437	C2217	344047,325	7619296,390	C2280	342982,287	7616631,049
C2092	352198,796	7622593,332	C2155	345147,651	7622621,510	C2218	344089,172	7619100,270	C2281	343489,927	7616588,995
C2093	352203,792	7622679,524	C2156	345092,688	7622639,832	C2219	343854,328	7619038,436	C2282	344088,903	7617059,932
C2094	351860,271	7622707,005	C2157	345003,581	7622392,496	C2220	343492,694	7619461,904	C2283	344230,059	7616898,165
C2095	351860,271	7622555,232	C2158	345092,688	7622285,901	C2221	343294,701	7619421,305	C2284	343713,529	7616453,461
C2096	352166,942	7622255,432	C2159	345012,742	7622021,077	C2222	343250,355	7619626,169	C2285	343814,087	7616322,923
C2097	352029,534	7622099,910	C2160	344654,647	7622158,485	C2223	343321,519	7619648,048	C2286	344077,661	7616527,787
C2098	351715,368	7622357,863	C2161	344589,690	7622387,499	C2224	343306,130	7619731,018	C2287	344204,452	7616354,777
C2099	351543,608	7622149,876	C2162	344810,291	7622496,725	C2225	343227,870	7619736,720	C2288	343960,864	7616160,531
C2100	351319,543	7622320,626	C2163	344918,978	7622819,343	C2226	343232,866	7619950,328	C2289	344013,330	7616089,953
C2101	351236,312	7622158,620	C2164	344706,619	7622995,476	C2227	343548,906	7619943,458	C2290	343930,885	7615937,555
C2102	351178,851	7622174,234	C2165	344603,563	7622930,519	C2228	343615,736	7620126,461	C2291	343835,323	7615976,279
C2103	351033,948	7621717,039	C2166	344340,613	7623124,764	C2229	343603,868	7620402,527	C2292	343767,699	7615577,008
C2104	350826,586	7621796,361	C2167	344420,559	7623237,189	C2230	343438,353	7620375,045	C2293	343704,616	7615462,709
C2105	350972,113	7622367,855	C2168	343882,792	7623580,709	C2231	343277,835	7620497,463	C2294	344145,573	7615302,816
C2106	350492,432	7622424,691	C2169	343724,147	7623953,586	C2232	342850,588	7620465,957	C2295	344051,261	7615037,992
C2107	350403,117	7622277,290	C2170	343468,692	7623747,473	C2233	342280,637	7620717,771	C2296	343725,853	7615173,526
C2108	350494,306	7622251,057	C2171	343087,072	7623614,436	C2234	342094,510	7620883,910	C2297	343713,361	7614978,656
C2109	350451,210	7622049,941	C2172	342671,100	7622884,921	C2235	341558,360	7620644,816	C2298	343500,378	7615004,889
C2110	350329,417	7622074,924	C2173	342717,605	7622562,942	C2236	341458,685	7620386,740	C2299	343501,002	7615245,353
C2111	350243,849	7621891,921	C2174	342856,109	7622253,044	C2237	341231,961	7620183,125	C2300	343423,554	7615255,347
C2112	350324,420	7621820,094	C2175	342757,295	7621623,262	C2238	340930,912	7619576,029	C2301	343159,981	7614503,347
C2113	350151,411	7621483,443	C2176	342436,259	7621360,311	C2239	340727,298	7619247,498	C2302	343421,682	7614266,630
C2114	350040,235	7621501,556	C2177	342386,815	7621054,422	C2240	340483,711	7619174,421	C2303	343780,094	7613713,285
C2115	349887,212	7621650,207	C2178	342295,626	7621004,455	C2241	340649,191	7618642,276	C2304	343555,978	7613560,317
C2116	349851,610	7621881,927	C2179	342401,805	7620902,023	C2242	340629,824	7618260,906	C2305	343060,048	7614281,620
C2117	350022,746	7621973,117	C2180	342911,829	7620691,708	C2243	341649,491	7618003,984	C2306	342313,670	7614279,745
C2118	350128,300	7622152,372	C2181	343217,875	7620767,908	C2244	341995,171	7617402,479	C2307	342085,094	7614389,209
C2119	350097,696	7622214,206	C2182	343459,130	7620948,558	C2245	342383,038	7617508,034	C2308	342110,702	7614301,768
C2120	350135,795	7622299,774	C2183	343749,135	7620793,569	C2246	342489,398	7617848,346	C2309	341633,521	7613627,216
C2121	350239,476	7622426,565	C2184	343861,560	7621107,110	C2247	343154,182	7618423,055	C2310	341712,219	7613490,433
C2122	349941,153	7622475,927	C2185	343757,879	7621150,831	C2248	343398,059	7618203,265	C2311	342237,494	7613324,919
C2123	349471,252	7622715,640	C2186	343681,680	7621074,007	C2249	343169,237	7617959,388	C2312	342190,651	7612686,594
C2124	349431,263	7622908,742	C2187	343539,275	7621168,944	C2250	343497,296	7617655,438	C2313	342434,239	7612433,013
C2125	348652,406	7623478,986	C2188	343557,387	7621223,282	C2251	343935,753	7617654,189	C2314	342677,202	7612787,777
C2126	348449,416	7623544,567	C2189	343338,783	7621417,528	C2252	343950,119	7617438,708	C2315	342870,198	7612884,588
C2127	348178,552	7623389,626	C2190	343472,443	7621567,428	C2253	343450,452	7617405,604	C2316	342808,364	7612973,279
C2128	347999,921	7623472,071	C2191	343835,327	7621361,940	C2254	342934,545	7617875,290	C2317	342979,500	7613149,412
C2129	347985,556	7623170,397	C2192	343968,363	7621718,578	C2255	342624,127	7617449,948	C2318	343141,268	7613040,734
C2130	347958,980	7623070,438	C2193	343836,576	7621776,040	C2256	342891,450	7617300,673	C2319	343311,779	7613160,655

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C2320	343683,406	7612978,277	C2383	337084,846	7615741,498	C2446	332734,029	7610846,829	C2509	341699,561	7611193,537
C2321	343628,443	7612789,028	C2384	337123,211	7615582,748	C2447	332771,647	7610461,683	C2510	341980,387	7610905,662
C2322	343326,769	7612760,297	C2385	337039,867	7615498,081	C2448	333260,551	7610447,308	C2511	342023,275	7610935,037
C2323	343266,185	7612852,735	C2386	336822,908	7615431,935	C2449	333306,098	7610308,228	C2512	342141,363	7610850,437
C2324	342842,092	7612615,392	C2387	336779,252	7615177,935	C2450	333046,366	7610067,492	C2513	342180,842	7610781,146
C2325	342574,771	7612246,887	C2388	337010,763	7615250,696	C2451	333247,322	7609886,390	C2514	342472,149	7611120,872
C2326	342685,323	7611992,057	C2389	337111,305	7615123,695	C2452	333190,360	7609726,531	C2515	342594,386	7611120,872
C2327	342798,997	7611930,224	C2390	337044,545	7615028,790	C2453	333605,228	7609428,080	C2516	342652,330	7610995,459
C2328	342790,878	7611770,330	C2391	336825,316	7614945,095	C2454	334384,383	7608732,502	C2517	342311,811	7610586,677
C2329	342714,054	7611763,460	C2392	336851,549	7614768,963	C2455	334529,167	7608733,112	C2518	342340,526	7610489,711
C2330	342719,051	7611502,384	C2393	336681,038	7614417,322	C2456	334592,655	7608910,554	C2519	342287,064	7610434,486
C2331	342506,068	7611502,383	C2394	336553,623	7614413,574	C2457	334770,455	7608891,504	C2520	342415,727	7610213,585
C2332	342472,964	7611935,220	C2395	336448,693	7614192,471	C2458	334779,994	7608734,169	C2521	342542,040	7610424,499
C2333	342359,290	7612195,047	C2396	336441,331	7613654,969	C2459	335256,376	7608736,176	C2522	342713,332	7610470,282
C2334	342030,133	7612537,943	C2397	336260,827	7613581,892	C2460	335747,576	7608515,117	C2523	342699,820	7610586,607
C2335	341912,087	7612548,560	C2398	336074,075	7614118,410	C2461	335881,707	7608551,779	C2524	343131,633	7611010,197
C2336	341873,362	7612734,686	C2399	336215,231	7614222,091	C2462	336131,167	7608270,876	C2525	343400,121	7611484,899
C2337	341979,542	7612755,922	C2400	336405,729	7614626,197	C2463	337079,395	7608266,178	C2526	343669,619	7611770,236
C2338	342007,647	7613164,400	C2401	335956,028	7614706,767	C2464	337700,971	7608200,966	C2527	344505,782	7611406,225
C2339	341586,053	7613305,555	C2402	335779,272	7613821,732	C2465	337826,697	7608327,279	C2528	344580,363	7611561,832
C2340	341439,276	7613475,442	C2403	335468,229	7613882,940	C2466	337968,872	7608377,217	C2529	344766,246	7611484,468
C2341	339951,867	7612798,283	C2404	335619,766	7614631,848	C2467	338011,172	7608320,817	C2530	344652,659	7611206,887
C2342	339873,550	7612880,833	C2405	335538,002	7614803,357	C2468	338884,199	7608722,669	C2531	344189,603	7611182,071
C2343	339875,667	7613007,834	C2406	335318,402	7614569,204	C2469	339660,289	7608824,309	C2532	344133,202	7611078,083
C2344	341418,720	7613742,319	C2407	334554,909	7614004,644	C2470	339832,427	7608757,921	C2533	344148,478	7611028,145
C2345	341871,486	7614344,864	C2408	334568,829	7613339,551	C2471	339824,223	7609248,768	C2534	344110,878	7610957,645
C2346	341854,645	7614428,210	C2409	334692,497	7613275,844	C2472	340200,224	7609454,394	C2535	344072,690	7610936,495
C2347	341194,460	7614358,880	C2410	334844,895	7613303,326	C2473	340324,774	7609287,544	C2536	344060,353	7610680,931
C2348	340872,799	7614154,016	C2411	334888,616	7613162,794	C2474	340082,137	7609101,893	C2537	344137,316	7610655,669
C2349	340747,258	7614347,012	C2412	334769,321	7612984,788	C2475	340051,802	7608773,286	C2538	344152,003	7610450,631
C2350	341140,745	7614613,710	C2413	334400,816	7613177,159	C2476	340133,293	7608735,185	C2539	344098,541	7610241,480
C2351	341468,651	7614620,581	C2414	334167,222	7612953,558	C2477	340158,490	7608823,722	C2540	344272,442	7609726,241
C2352	341495,508	7614772,980	C2415	334160,126	7612565,979	C2478	340367,641	7608787,297	C2541	344149,068	7609078,814
C2353	341682,884	7614754,242	C2416	334636,377	7612314,095	C2479	340348,136	7608598,660	C2542	344163,085	7608842,432
C2354	341688,505	7614636,821	C2417	334719,939	7612453,307	C2480	340797,715	7608501,467	C2543	344401,107	7608719,264
C2355	341812,797	7614663,054	C2418	334906,277	7612679,135	C2481	340922,777	7608634,676	C2544	344597,332	7609109,953
C2356	341677,262	7615295,132	C2419	335081,947	7612781,863	C2482	340884,712	7608724,602	C2545	345068,776	7609986,883
C2357	341562,338	7615378,826	C2420	335279,778	7612697,248	C2483	340950,328	7608819,852	C2546	345291,439	7610309,422
C2358	341581,075	7615532,474	C2421	335516,495	7613039,521	C2484	341090,029	7608813,502	C2547	345284,389	7610374,047
C2359	341650,288	7615564,114	C2422	335779,578	7613277,473	C2485	341169,050	7608896,992	C2548	344915,528	7610087,513
C2360	341716,338	7615842,176	C2423	335897,923	7613212,077	C2486	341315,983	7608980,190	C2549	344661,527	7610128,524
C2361	341517,992	7615919,716	C2424	336001,111	7612843,776	C2487	341266,576	7609040,343	C2550	344598,027	7610250,232
C2362	341591,755	7616126,689	C2425	335880,461	7612327,838	C2488	341330,025	7609311,768	C2551	344701,215	7610353,420
C2363	341810,248	7616034,613	C2426	335467,778	7612385,581	C2489	341425,201	7609337,619	C2552	344849,382	7610329,608
C2364	342034,879	7616783,596	C2427	335256,669	7612293,142	C2490	341593,226	7609304,719	C2553	345218,476	7610665,629
C2365	341529,059	7617714,945	C2428	334843,196	7611394,366	C2491	341761,252	7609426,332	C2554	345109,997	7610815,119
C2366	340344,799	7618092,300	C2429	334623,968	7611205,116	C2492	341475,137	7609849,920	C2555	345141,747	7610946,088
C2367	340412,474	7618464,269	C2430	334103,064	7611295,055	C2493	341647,863	7609985,046	C2556	345291,237	7610951,380
C2368	340212,422	7619256,676	C2431	334098,692	7611637,327	C2494	341878,752	7609644,295	C2557	345443,372	7610764,848
C2369	339467,512	7619454,857	C2432	334170,181	7611747,356	C2495	342193,064	7610142,497	C2558	345786,114	7611063,187
C2370	338378,888	7619306,842	C2433	333854,003	7611879,648	C2496	341927,513	7610650,686	C2559	345929,465	7610938,050
C2371	337806,743	7619341,181	C2434	333600,002	7611634,908	C2497	341656,674	7610924,461	C2560	345732,065	7610624,323
C2372	337328,312	7619610,375	C2435	333364,523	7611792,336	C2498	341446,936	7610913,886	C2561	345485,314	7610523,273
C2373	337177,980	7619570,292	C2436	333339,387	7612141,586	C2499	341506,274	7610248,834	C2562	345522,915	7610235,397
C2374	337197,824	7619329,520	C2437	333114,491	7612083,378	C2500	341263,636	7610214,171	C2563	345243,265	7609857,045
C2375	337107,865	7619101,978	C2438	333031,902	7611663,558	C2501	341223,098	7610363,984	C2564	345396,672	7609786,988
C2376	337133,230	7618735,696	C2439	332793,286	7611329,314	C2502	341274,211	7610422,734	C2565	345571,696	7609959,190
C2377	337020,182	7617651,418	C2440	333081,153	7611223,480	C2503	341144,960	7610919,173	C2566	345689,435	7609920,826
C2378	336852,794	7617443,431	C2441	333498,138	7611350,480	C2504	340713,734	7610631,296	C2567	345734,415	7609813,669
C2379	336875,279	7617322,886	C2442	333783,888	7611037,213	C2505	340620,321	7610852,197	C2568	345231,705	7609239,522
C2380	336616,798	7616814,122	C2443	333633,605	7610893,280	C2506	341127,922	7611169,448	C2569	345284,622	7609043,730
C2381	336866,036	7616152,133	C2444	333394,421	7611068,963	C2507	341540,936	7611152,412	C2570	345198,632	7608982,876
C2382	336838,254	7615686,994	C2445	333173,146	7610717,003	C2508	341603,798	7611217,037	C2571	345075,601	7608986,844

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C2572	344931,005	7609151,987	C2635	340377,102	7606490,584	C2698	332992,321	7606526,347	C2761	334084,796	7614514,109
C2573	344833,507	7609063,574	C2636	340471,690	7606464,146	C2699	332889,662	7606804,689	C2762	334104,753	7614355,115
C2574	344608,765	7608637,978	C2637	340422,928	7606165,108	C2700	332778,537	7606894,648	C2763	334361,022	7614379,700
C2575	344966,553	7608697,317	C2638	340291,915	7606183,320	C2701	332746,787	7606619,480	C2764	334535,647	7614291,858
C2576	345341,532	7608587,853	C2639	340259,603	7605898,382	C2702	332620,845	7606585,614	C2765	335015,146	7614723,339
C2577	345645,270	7608585,504	C2640	340044,577	7605955,957	C2703	332521,361	7606659,697	C2766	335058,430	7614936,076
C2578	345778,045	7608855,755	C2641	340093,339	7606338,420	C2704	332590,153	7607170,873	C2767	335285,237	7615100,449
C2579	346294,458	7609600,708	C2642	340053,976	7606349,583	C2705	332448,336	7607348,673	C2768	335273,307	7615331,144
C2580	346530,634	7609734,658	C2643	340083,351	7606524,071	C2706	332331,919	7607317,982	C2769	335359,032	7615657,111
C2581	346545,321	7610038,984	C2644	340145,039	7606513,496	C2707	332239,844	7607437,574	C2770	335185,465	7615878,303
C2582	346753,296	7610026,647	C2645	340233,751	7606865,410	C2708	332344,439	7607659,947	C2771	335125,612	7616021,902
C2583	346753,884	7609847,459	C2646	340140,338	7606907,122	C2709	332021,815	7607722,198	C2772	334435,738	7615773,725
C2584	346913,097	7609923,835	C2647	340220,238	7607298,398	C2710	331991,853	7607498,947	C2773	334511,305	7615637,003
C2585	347122,247	7610336,261	C2648	340292,573	7607287,118	C2711	335891,507	7614937,046	C2774	334420,288	7615494,128
C2586	347314,948	7610236,386	C2649	340393,514	7607818,790	C2712	336304,258	7614871,958	C2775	334193,273	7615577,253
C2587	347078,185	7609762,859	C2650	340449,594	7608009,033	C2713	336391,571	7614902,121	C2776	334025,338	7615449,598
C2588	346709,234	7609583,083	C2651	340651,846	7608132,279	C2714	336523,333	7614841,267	C2777	334027,646	7615173,452
C2589	346442,509	7609429,745	C2652	340624,989	7608293,491	C2715	336513,808	7615211,684	C2778	333890,541	7614963,870
C2590	345954,883	7608725,917	C2653	340193,154	7608407,183	C2716	336558,391	7615967,997	C2779	333684,406	7614982,864
C2591	345790,383	7608388,691	C2654	340179,054	7608354,896	C2717	336625,198	7616034,805	C2780	333306,920	7614611,476
C2592	345399,107	7608313,490	C2655	340033,941	7608409,533	C2718	336453,119	7616489,592	C2781	333157,694	7614728,951
C2593	344951,278	7608474,654	C2656	340042,166	7608456,533	C2719	336342,007	7616471,681	C2782	333397,891	7615215,135
C2594	344521,545	7608390,850	C2657	339632,677	7608601,058	C2720	336238,906	7616159,821	C2783	333279,733	7615334,515
C2595	344171,394	7608552,413	C2658	338945,887	7608509,994	C2721	336068,911	7616179,664	C2784	332812,677	7615200,969
C2596	343952,843	7608737,475	C2659	338574,586	7608339,618	C2722	335995,267	7616350,648	C2785	332641,381	7615002,803
C2597	343914,655	7609098,789	C2660	338534,637	7608225,055	C2723	335417,658	7616145,289	C2786	332825,565	7614869,710
C2598	344016,292	7609672,778	C2661	338608,074	7608170,418	C2724	335424,053	7616021,275	C2787	332794,874	7614760,702
C2599	343847,932	7610264,255	C2662	338539,924	7608009,442	C2725	335532,731	7615847,744	C2788	332703,857	7614699,318
C2600	343845,915	7610402,455	C2663	338447,099	7608037,642	C2726	335596,231	7615664,123	C2789	332439,273	7614867,594
C2601	343622,664	7610367,205	C2664	338373,662	7607856,691	C2727	335510,506	7615301,114	C2790	332050,675	7614677,093
C2602	343600,339	7610603,968	C2665	338173,911	7607960,091	C2728	335621,906	7615116,572	C2791	331952,348	7614848,316
C2603	343795,977	7610622,181	C2666	338063,201	7608100,663	C2729	331103,132	7613064,663	C2792	331566,251	7614689,206
C2604	343696,590	7610816,707	C2667	337893,085	7607950,691	C2730	331056,898	7612803,839	C2793	331304,546	7614066,329
C2605	343770,673	7610923,598	C2668	338316,087	7607389,040	C2731	331110,873	7612436,596	C2794	331169,082	7613675,907
C2606	343847,932	7610921,482	C2669	338149,824	7607255,677	C2732	331286,931	7612190,063	C2795	330983,873	7613682,257
C2607	343780,114	7611194,407	C2670	337954,773	7607508,302	C2733	331495,049	7612237,629	C2796	330606,048	7613878,049
C2608	343786,576	7611473,471	C2671	337877,223	7607417,239	C2734	331565,958	7612091,579	C2797	330649,439	7614140,516
C2609	343727,826	7611499,908	C2672	337720,948	7607551,777	C2735	331461,183	7611970,929	C2798	330888,961	7614163,022
C2610	343213,296	7610714,096	C2673	337808,485	7607705,702	C2736	331904,546	7611550,112	C2799	330878,717	7614409,138
C2611	342936,583	7610498,482	C2674	337674,535	7607882,540	C2737	332069,618	7611889,301	C2800	330525,514	7614453,498
C2612	342938,933	7610357,482	C2675	337620,484	7607832,015	C2738	332488,826	7611864,037	C2801	330404,710	7614213,678
C2613	342891,346	7610300,494	C2676	337486,534	7607925,428	C2739	332713,230	7611671,071	C2802	330149,258	7614257,498
C2614	342684,545	7610238,219	C2677	337510,034	7608008,265	C2740	332823,260	7611786,778	C2803	330087,661	7614023,661
C2615	342521,478	7609974,472	C2678	336053,029	7608057,613	C2741	332877,235	7612100,046	C2804	329911,050	7614004,511
C2616	342440,990	7609955,672	C2679	335196,451	7608502,938	C2742	332420,035	7612400,613	C2805	329841,665	7613736,914
C2617	342356,390	7609995,622	C2680	334299,923	7608495,299	C2743	331997,386	7612271,349	C2806	329938,238	7613665,324
C2618	342161,928	7609437,495	C2681	334115,307	7608663,176	C2744	331816,275	7612719,631	C2807	329917,103	7613485,630
C2619	341826,464	7609208,956	C2682	333331,989	7608634,908	C2745	331890,530	7613039,994	C2808	330425,072	7613403,915
C2620	341597,927	7608919,318	C2683	333077,988	7608719,575	C2746	332314,201	7613194,365	C2809	330883,067	7610934,210
C2621	341537,414	7608700,179	C2684	332884,502	7608510,503	C2747	332506,818	7612851,464	C2810	331565,740	7611454,848
C2622	341317,133	7608525,737	C2685	332741,626	7608502,566	C2748	332446,032	7612721,651	C2811	330830,846	7612267,328
C2623	341335,279	7608483,256	C2686	332371,190	7607934,057	C2749	332888,877	7612395,321	C2812	330813,775	7612616,205
C2624	341160,791	7608329,917	C2687	332553,111	7607836,566	C2750	333356,661	7612769,972	C2813	330601,285	7612736,026
C2625	341357,800	7608079,761	C2688	332633,545	7607664,058	C2751	333610,662	7612528,672	C2814	330440,153	7612932,083
C2626	341124,402	7607840,664	C2689	332646,245	7607505,307	C2752	333930,279	7612649,322	C2815	330311,566	7612929,701
C2627	340975,177	7607877,089	C2690	332969,037	7607074,565	C2753	333926,046	7612968,939	C2816	330219,053	7613169,982
C2628	340835,351	7607732,563	C2691	333497,146	7607139,123	C2754	333640,295	7613090,648	C2817	330068,675	7613161,417
C2629	340929,939	7607686,151	C2692	333568,055	7607030,115	C2755	333509,062	7613390,157	C2818	329968,278	7613095,046
C2630	340903,361	7607515,741	C2693	333525,722	7606915,814	C2756	333125,944	7613350,998	C2819	330072,859	7612843,850
C2631	340720,201	7607484,050	C2694	333330,988	7606893,589	C2757	333016,936	7614033,625	C2820	329865,477	7612711,420
C2632	340720,202	7607414,724	C2695	333165,888	7606721,081	C2758	333614,837	7614248,553	C2821	329576,597	7612966,685
C2633	340660,276	7607354,212	C2696	333200,813	7606583,497	C2759	333642,314	7614365,864	C2822	329517,047	7613092,203
C2634	340610,867	7607344,268	C2697	333120,379	7606508,355	C2760	333938,746	7614582,901	C2823	329190,813	7613121,630

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C2824	329055,057	7612927,320	C2887	344385,266	7624841,399	F59	322440,536	7608599,912	F122	317668,853	7607203,588
C2825	328725,996	7613060,887	C2888	344482,104	7624706,461	F60	323158,993	7607564,676	F123	317602,688	7607073,709
C2826	328419,396	7612830,232	C2889	344395,850	7624571,524	F61	323252,645	7607876,025	F124	317347,933	7606955,874
C2827	328585,156	7612723,326	C2890	344268,849	7624609,624	F62	323448,688	7607888,278	F125	317309,230	7606277,949
C2828	328590,202	7612610,597	C2891	344087,345	7624241,323	F63	323459,471	7607525,109	F126	317150,480	7606223,709
C2829	328752,702	7612534,830	F1	316029,066	7616856,888	F64	323205,106	7607298,188	F127	316926,500	7606577,349
C2830	328865,350	7612441,544	F2	318156,253	7614424,313	F65	323149,235	7606628,702	F128	316709,948	7606367,907
C2831	328974,094	7612151,031	F3	317601,506	7614246,944	F66	322636,092	7606623,310	F129	316581,624	7606373,199
C2832	328801,128	7611967,454	F4	316890,304	7614478,720	F67	322613,526	7606844,601	F130	316537,968	7606480,356
C2833	329069,533	7611776,461	F5	316867,637	7614965,819	F68	322934,567	7606842,878	F131	316604,114	7606598,095
C2834	329221,933	7611818,794	F6	315444,698	7614846,968	F69	322950,832	7607403,769	F132	317119,906	7607064,468
C2835	329606,109	7611490,710	F7	315345,290	7614543,264	F70	322332,963	7608318,211	F133	316922,419	7607197,705
C2836	329784,968	7611734,127	F8	316024,666	7614241,071	F71	322032,768	7607645,182	F134	316674,909	7607052,291
C2837	329976,427	7611608,485	F9	316093,498	7614039,178	F72	321913,183	7607077,638	F135	316601,399	7606848,258
C2838	330112,522	7610839,304	F10	315898,764	7613230,610	F73	321732,334	7606853,658	F136	316509,259	7606811,010
C2839	330617,160	7610938,972	F11	315627,830	7613190,393	F74	322207,738	7606762,009	F137	316344,584	7606408,631
C2840	332166,365	7610586,315	F12	315574,913	7612925,809	F75	322311,785	7606675,147	F138	316379,382	7606308,159
C2841	332117,452	7610874,729	F13	315793,460	7612717,317	F76	322159,708	7606424,815	F139	316282,341	7605898,429
C2842	331838,754	7610878,113	F14	315585,646	7612046,504	F77	321686,754	7606618,897	F140	316411,730	7605462,234
C2843	331523,575	7610974,930	F15	315411,360	7612082,719	F78	321483,055	7606106,099	F141	316646,492	7605465,665
C2844	331014,763	7610725,883	F16	315094,508	7612388,961	F79	321341,720	7606013,614	F142	317032,821	7605382,553
C2845	330920,175	7610507,602	F17	314783,599	7612130,119	F80	321145,186	7606103,303	F143	317001,288	7605158,315
C2846	331059,743	7610375,971	F18	314558,653	7611778,382	F81	321207,919	7606480,196	F144	316638,160	7605249,038
C2847	330980,557	7610210,676	F19	315119,211	7611627,927	F82	321363,774	7606503,231	F145	316500,673	7605234,552
C2848	331114,886	7610022,956	F20	315165,297	7611447,982	F83	321495,861	7606946,210	F146	316531,440	7605070,477
C2849	331314,307	7609920,386	F21	314874,898	7611257,503	F84	321688,542	7607198,277	F147	316526,148	7604894,264
C2850	331442,922	7609922,792	F22	314409,226	7611282,100	F85	321808,394	7607742,263	F148	316408,144	7604860,926
C2851	331598,191	7609817,560	F23	314373,938	7611088,724	F86	322117,583	7608474,116	F149	316177,427	7604942,947
C2852	331886,878	7609833,276	F24	314480,289	7610845,525	F87	321470,832	7609356,196	F150	316179,865	7605198,172
C2853	331949,658	7609925,785	F25	315335,438	7610866,452	F88	321098,437	7609079,048	F151	315515,098	7605601,662
C2854	331997,031	7610142,476	F26	315369,354	7610636,372	F89	321118,155	7609002,598	F152	315329,889	7605386,688
C2855	332292,861	7610295,749	F27	315965,485	7610686,251	F90	320996,216	7608910,015	F153	315638,433	7605076,291
C2856	330601,804	7608616,998	F28	316030,453	7611179,217	F91	320932,745	7608950,066	F154	315804,156	7604826,432
C2857	330749,971	7609050,916	F29	315847,599	7611330,089	F92	320213,215	7608105,189	F155	315730,072	7604744,411
C2858	330519,168	7609464,972	F30	315911,355	7611555,436	F93	320473,736	7607928,952	F156	315608,364	7604712,661
C2859	330077,928	7609328,729	F31	316799,102	7611654,234	F94	320567,837	7607560,391	F157	315505,176	7604858,182
C2860	329972,095	7608442,373	F32	317619,312	7611543,109	F95	320828,836	7607214,448	F158	315388,438	7604614,599
C2861	343903,195	7624092,627	F33	318910,482	7611048,866	F96	320711,979	7607070,493	F159	315310,121	7604545,278
C2862	344013,791	7623857,147	F34	319063,641	7610493,751	F97	320100,276	7607075,674	F160	314923,299	7604564,857
C2863	344177,833	7623930,172	F35	319350,938	7610646,875	F98	320043,423	7607191,829	F161	314897,253	7604938,075
C2864	344256,149	7623818,518	F36	319566,508	7610703,673	F99	320232,604	7607474,132	F162	314591,581	7604602,401
C2865	344275,200	7623666,118	F37	319668,647	7610456,507	F100	320058,252	7607615,828	F163	314708,684	7604426,135
C2866	344644,559	7623358,671	F38	318761,613	7609759,868	F101	319560,337	7606845,243	F164	314552,874	7604274,841
C2867	344906,497	7623447,042	F39	318728,183	7609477,547	F102	319516,069	7606527,733	F165	314429,054	7604407,923
C2868	345014,976	7623352,321	F40	318290,426	7608956,178	F103	319305,322	7606550,278	F166	314339,456	7604319,714
C2869	345190,130	7623380,367	F41	318607,927	7608724,668	F104	319343,550	7607007,548	F167	314321,398	7604139,128
C2870	345069,480	7623587,801	F42	318889,047	7608913,184	F105	319140,645	7607485,402	F168	314137,359	7603759,905
C2871	344972,643	7623618,492	F43	319224,807	7609525,040	F106	319336,782	7607583,649	F169	314162,631	7603605,213
C2872	344919,726	7623815,343	F44	319346,516	7609565,389	F107	319507,836	7607195,817	F170	314626,272	7603522,386
C2873	345013,918	7623888,368	F45	319449,103	7609546,374	F108	319915,014	7607839,261	F171	315061,487	7604205,106
C2874	344930,838	7624288,948	F46	320327,202	7610065,481	F109	319924,325	7608086,765	F172	315613,656	7604371,348
C2875	344998,043	7625068,941	F47	320460,107	7609979,772	F110	320332,584	7608611,181	F173	315648,052	7604506,285
C2876	344954,122	7625176,362	F48	320580,338	7610001,853	F111	320244,364	7608928,770	F174	315743,302	7604538,035
C2877	345077,947	7625467,405	F49	320877,134	7610220,895	F112	320442,694	7609002,879	F175	315872,948	7604474,535
C2878	345207,064	7625909,789	F50	321406,963	7610562,870	F113	320508,042	7608794,971	F176	316356,840	7604624,150
C2879	345470,589	7626205,064	F51	321915,391	7610125,497	F114	320942,766	7609311,546	F177	316617,087	7604503,584
C2880	345576,750	7626602,586	F52	321803,760	7609638,634	F115	320920,777	7609422,525	F178	316849,010	7604638,993
C2881	345483,475	7626672,083	F53	321654,041	7609512,013	F116	321313,690	7609641,563	F179	317045,254	7604333,030
C2882	345257,335	7626542,144	F54	321802,207	7609311,988	F117	321277,560	7609799,631	F180	316892,219	7604185,889
C2883	345097,526	7626498,752	F55	321977,138	7609422,393	F118	321431,261	7610002,552	F181	317051,274	7604040,031
C2884	344791,138	7626121,985	F56	322155,969	7609763,503	F119	321281,981	7610147,476	F182	317166,132	7604190,254
C2885	344560,950	7625631,976	F57	322394,464	7609611,984	F120	319365,790	7608922,369	F183	317417,118	7604010,331
C2886	344560,421	7625332,996	F58	322661,574	7608867,021	F121	318555,946	7607873,076	F184	317380,330	7603861,204

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
F185	317222,006	7603864,489	F248	312351,007	7600407,682	F311	311646,818	7593508,308	F374	308733,055	7593319,560
F186	316791,351	7603547,357	F249	312167,397	7600068,320	F312	311623,982	7593334,389	F375	308596,794	7593369,170
F187	316604,122	7603543,415	F250	312319,279	7599928,653	F313	311892,881	7593225,865	F376	308496,253	7593088,049
F188	316606,061	7603834,441	F251	312020,382	7599628,974	F314	311888,251	7593099,526	F377	308301,783	7593161,471
F189	316681,074	7603901,119	F252	312098,330	7599526,618	F315	311805,510	7593037,427	F378	308383,407	7593508,208
F190	316866,521	7603921,261	F253	312304,705	7599359,930	F316	311488,729	7593141,859	F379	308191,320	7593580,440
F191	316320,572	7604382,037	F254	312332,486	7599121,805	F317	311409,354	7592770,780	F380	308150,045	7593713,790
F192	315997,101	7604269,802	F255	312474,039	7599132,388	F318	311497,328	7592723,817	F381	308224,657	7593834,440
F193	316001,960	7604113,593	F256	312541,508	7598992,159	F319	311513,203	7592646,426	F382	308385,789	7593759,034
F194	315797,593	7604096,983	F257	312253,111	7598649,522	F320	311484,099	7592549,853	F383	308599,308	7594152,735
F195	315728,523	7604169,820	F258	312093,038	7598701,116	F321	311596,547	7592449,972	F384	308491,358	7594211,472
F196	315394,054	7604013,635	F259	312102,334	7598877,074	F322	311742,730	7592644,441	F385	308465,164	7594313,073
F197	315312,790	7603986,547	F260	311658,134	7598988,755	F323	311930,584	7592813,114	F386	308608,039	7594482,935
F198	315197,493	7604019,191	F261	311406,287	7598670,496	F324	312039,857	7592764,298	F387	308906,490	7594681,373
F199	315040,523	7603767,760	F262	311820,559	7598329,205	F325	312064,331	7592663,095	F388	309233,515	7594775,036
F200	315252,805	7603651,907	F263	311858,617	7597953,138	F326	311769,525	7592314,653	F389	309248,597	7595147,306
F201	315231,663	7603448,749	F264	312000,147	7597908,521	F327	311725,664	7592178,906	F390	309400,997	7595294,150
F202	315658,304	7603395,832	F265	312034,830	7597010,161	F328	311603,955	7592151,125	F391	309533,554	7595280,656
F203	315641,768	7603184,165	F266	312188,817	7596838,711	F329	311316,882	7592278,787	F392	309589,116	7594888,543
F204	315145,673	7603213,931	F267	312130,080	7596691,073	F330	311324,158	7592402,480	F393	309819,304	7594857,586
F205	315097,267	7602960,234	F268	311991,967	7596710,123	F331	311184,590	7592524,188	F394	309941,542	7595017,130
F206	315292,186	7602862,308	F269	311733,204	7596916,498	F332	310955,064	7592584,381	F395	309692,304	7595512,431
F207	316005,570	7602264,736	F270	311644,304	7597345,124	F333	310920,668	7592697,491	F396	309697,066	7595825,963
F208	315777,367	7602046,455	F271	311726,854	7597432,437	F334	311037,746	7592880,053	F397	309919,085	7596366,561
F209	315168,824	7602615,310	F272	311593,504	7597807,088	F335	310757,552	7593006,525	F398	309839,313	7596881,573
F210	314960,464	7602605,388	F273	311499,841	7598284,926	F336	310759,536	7593124,926	F399	309704,904	7596826,540
F211	314727,101	7602881,217	F274	311280,469	7598459,427	F337	310850,817	7593187,764	F400	309449,845	7597051,965
F212	314818,118	7603247,401	F275	311140,872	7598274,114	F338	311242,137	7593050,710	F401	309372,587	7596979,998
F213	314352,584	7603341,388	F276	311167,199	7597983,337	F339	311286,455	7593291,481	F402	309475,245	7596318,539
F214	314376,743	7603159,329	F277	310539,235	7597470,309	F340	310537,682	7593304,711	F403	309387,404	7596241,280
F215	314157,705	7603139,005	F278	310221,735	7597423,477	F341	310462,276	7593339,768	F404	309255,112	7596273,030
F216	314119,221	7603377,901	F279	310300,316	7596936,114	F342	310366,364	7593193,585	F405	309173,620	7596543,964
F217	313982,696	7603404,888	F280	310250,726	7596699,655	F343	310560,040	7593043,302	F406	308916,444	7596539,731
F218	313669,958	7602266,649	F281	310510,660	7596766,251	F344	310547,472	7592925,562	F407	308795,794	7596628,631
F219	313752,447	7602207,812	F282	310594,798	7596613,850	F345	310336,202	7592807,690	F408	308822,252	7596734,464
F220	313781,330	7602075,588	F283	310411,441	7596467,800	F346	310100,722	7592939,982	F409	309099,536	7596921,790
F221	314035,206	7601932,967	F284	310216,178	7596464,625	F347	310002,826	7592916,831	F410	309095,558	7597010,469
F222	314205,127	7602186,079	F285	310092,800	7596078,734	F348	309935,357	7592993,560	F411	309330,253	7597280,566
F223	314434,164	7602222,226	F286	309926,566	7595773,576	F349	309934,696	7593361,993	F412	309684,796	7597311,257
F224	314600,505	7601986,944	F287	309928,683	7595551,325	F350	310119,905	7593534,634	F413	309709,138	7597474,241
F225	314446,313	7601735,513	F288	310119,196	7595292,531	F351	309900,300	7593684,785	F414	309788,513	7597558,908
F226	314801,142	7601281,233	F289	310238,511	7594988,952	F352	309765,362	7593481,056	F415	309895,367	7597525,923
F227	314739,229	7601144,708	F290	310069,839	7594812,342	F353	309590,075	7593375,222	F416	310001,766	7597658,154
F228	314412,876	7601149,602	F291	310255,047	7594699,894	F354	309240,825	7593268,066	F417	309602,714	7597779,872
F229	314419,226	7601334,752	F292	310451,141	7595012,525	F355	309024,527	7593543,233	F418	309636,449	7598162,857
F230	314250,291	7601558,321	F293	310625,016	7594890,587	F356	308998,730	7593655,020	F419	309734,418	7598392,439
F231	313845,592	7601783,272	F294	310476,202	7594649,892	F357	309205,767	7593840,890	F420	309670,828	7598462,430
F232	313769,926	7601689,089	F295	310612,897	7594586,123	F358	309312,924	7593853,457	F421	309857,118	7598669,377
F233	313469,018	7601757,295	F296	310601,084	7594471,410	F359	309574,200	7593633,853	F422	310172,346	7598387,962
F234	313363,570	7601407,809	F297	310886,080	7594401,576	F360	309710,692	7593795,150	F423	310486,010	7598401,462
F235	313596,172	7601347,947	F298	310861,606	7594187,528	F361	309583,031	7593875,186	F424	310644,055	7598586,726
F236	313564,919	7600511,696	F299	310382,709	7594290,715	F362	309553,927	7594244,281	F425	310579,220	7599012,207
F237	313068,559	7600221,151	F300	310261,662	7594076,402	F363	309639,255	7594356,729	F426	311588,374	7600000,823
F238	313105,071	7600130,663	F301	310046,158	7593884,976	F364	309972,630	7594375,250	F427	311621,580	7600137,006
F239	313044,746	7600033,825	F302	310426,498	7593627,668	F365	309947,495	7594562,443	F428	311290,421	7600256,016
F240	313122,534	7599787,762	F303	310570,412	7593776,794	F366	309830,417	7594634,542	F429	311222,557	7599982,231
F241	313047,921	7599363,899	F304	310500,581	7594035,789	F367	309622,057	7594661,000	F430	311176,520	7599880,631
F242	312911,396	7599309,924	F305	310583,925	7594100,612	F368	309159,035	7594526,063	F431	311043,169	7599893,331
F243	312814,558	7599403,587	F306	310700,342	7594092,674	F369	309116,071	7594465,107	F432	310963,794	7600023,507
F244	312871,708	7599821,100	F307	310803,530	7593767,236	F370	309024,097	7594436,766	F433	311062,219	7600507,166
F245	312685,970	7600238,613	F308	310701,003	7593521,173	F371	308674,185	7593758,769	F434	310939,452	7600725,183
F246	312576,433	7600279,888	F309	311427,213	7593503,678	F372	308640,451	7593627,139	F435	311029,411	7600884,992
F247	312434,351	7600473,828	F310	311525,109	7593582,391	F373	308799,862	7593482,941	F436	311152,178	7600942,142

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
F437	311255,895	7600851,125	F500	314161,296	7604779,429	F563	314673,128	7607963,800	F626	308072,554	7601511,394
F438	311247,957	7600731,533	F501	314069,635	7604884,532	F564	314618,094	7608182,876	F627	308198,496	7601543,144
F439	311457,508	7600620,408	F502	314184,799	7605047,117	F565	314413,835	7608197,693	F628	308276,813	7601470,119
F440	311427,345	7600474,357	F503	314420,366	7604853,748	F566	314405,653	7608068,826	F629	308344,546	7601216,118
F441	311692,458	7600412,445	F504	314512,126	7605112,775	F567	314273,372	7608011,799	F630	308290,571	7601106,051
F442	312003,609	7600267,982	F505	314370,974	7605383,750	F568	314190,527	7608089,742	F631	308084,196	7600990,693
F443	312173,472	7600581,779	F506	314445,369	7605510,802	F569	313993,676	7608004,017	F632	307952,962	7601047,843
F444	312343,334	7600708,779	F507	314697,391	7605494,226	F570	313999,272	7607896,388	F633	307933,912	7601149,443
F445	312155,549	7601019,067	F508	314803,330	7605199,900	F571	313784,959	7607793,200	F634	307396,632	7601219,486
F446	312009,366	7601395,438	F509	314995,463	7605449,064	F572	313788,359	7607694,983	F635	307139,139	7600496,403
F447	312236,908	7601766,517	F510	314950,314	7605589,982	F573	313693,109	7607627,250	F636	307343,179	7600422,723
F448	312500,247	7601901,552	F511	314835,712	7605587,898	F574	313569,284	7607671,700	F637	307401,746	7600640,932
F449	312703,478	7601964,780	F512	314784,387	7605698,087	F575	313518,259	7607844,265	F638	307617,892	7600588,953
F450	312899,934	7601994,136	F513	314921,446	7605951,833	F576	313207,108	7607780,765	F639	307564,553	7600231,866
F451	312940,959	7601774,066	F514	315065,915	7605951,833	F577	313275,066	7607638,892	F640	307433,319	7599867,799
F452	312778,433	7601464,986	F515	315183,899	7605604,190	F578	313251,783	7607527,766	F641	307337,011	7599867,799
F453	313078,483	7601273,288	F516	315347,703	7605787,164	F579	313142,775	7607478,025	F642	307256,577	7599901,666
F454	313645,935	7603120,124	F517	315361,644	7605957,939	F580	312884,541	7607651,592	F643	307008,991	7599757,227
F455	313591,065	7603204,861	F518	315528,029	7605988,877	F581	312837,220	7607742,664	F644	306875,640	7599498,994
F456	313636,906	7603321,547	F519	315825,783	7606571,881	F582	312541,640	7607650,533	F645	307138,107	7599371,993
F457	313712,612	7603328,493	F520	315457,482	7606651,256	F583	312453,798	7607498,133	F646	307015,277	7599112,147
F458	313784,846	7603505,605	F521	315297,145	7606781,431	F584	312296,106	7607507,658	F647	306899,918	7599090,981
F459	313063,267	7603962,102	F522	314234,294	7606686,213	F585	312297,164	7607344,674	F648	306864,993	7599008,431
F460	312960,609	7603963,160	F523	314103,717	7606608,422	F586	312527,882	7607236,724	F649	306940,135	7598952,339
F461	313016,700	7603713,393	F524	312990,251	7606433,601	F587	312700,390	7607298,107	F650	306984,585	7598714,213
F462	312925,684	7603466,801	F525	312938,313	7606715,866	F588	312782,940	7607112,899	F651	306831,405	7598432,284
F463	312698,141	7603032,883	F526	313267,466	7606786,228	F589	312554,026	7606979,901	F652	306934,369	7598338,766
F464	312865,358	7602869,900	F527	313946,647	7607037,480	F590	312175,456	7606528,698	F653	306754,729	7598102,844
F465	313005,059	7603030,767	F528	314093,026	7607005,242	F591	311077,199	7605929,584	F654	306907,523	7597984,515
F466	313135,234	7603008,542	F529	314131,364	7606885,002	F592	310895,928	7606024,930	F655	306833,439	7597849,049
F467	313165,926	7602883,658	F530	314380,614	7606951,998	F593	310561,494	7605680,971	F656	306455,417	7597851,670
F468	312970,134	7602535,466	F531	314363,018	7607034,419	F594	311456,992	7605422,254	F657	306394,034	7597617,778
F469	312853,717	7602555,574	F532	314591,256	7607334,594	F595	311499,648	7605530,355	F658	306559,134	7597559,569
F470	312548,916	7602858,258	F533	314783,197	7607217,172	F596	312144,723	7605788,020	F659	306567,601	7597419,869
F471	312034,565	7602225,373	F534	314678,812	7606982,560	F597	312204,519	7605892,796	F660	306476,584	7597358,486
F472	311892,748	7602221,140	F535	315075,174	7607011,269	F598	312478,140	7605828,080	F661	306336,884	7597390,236
F473	311838,773	7602344,965	F536	315208,293	7607134,197	F599	312730,143	7605646,387	F662	306270,209	7596998,651
F474	311963,657	7602578,857	F537	315694,157	7607298,372	F600	312142,530	7604872,108	F663	306322,067	7596930,918
F475	312097,007	7602720,674	F538	315576,681	7607486,491	F601	312398,194	7604780,485	F664	306295,609	7596813,443
F476	311975,298	7602813,808	F539	315621,132	7607611,110	F602	312349,378	7604606,190	F665	306249,042	7596795,451
F477	312007,048	7602930,225	F540	315748,926	7607714,298	F603	311848,521	7604633,972	F666	306206,709	7596416,567
F478	312108,649	7602977,850	F541	315877,513	7607676,198	F604	311744,209	7604750,653	F667	306327,978	7596343,990
F479	312198,607	7602930,225	F542	315887,038	7607487,285	F605	311485,512	7604651,633	F668	306261,303	7596039,189
F480	312351,007	7603067,809	F543	316179,933	7607492,048	F606	311542,805	7604393,273	F669	306595,252	7595956,412
F481	312210,249	7603374,726	F544	316164,851	7607743,667	F607	311490,539	7604300,530	F670	306713,651	7596331,900
F482	312287,507	7603466,801	F545	316249,783	7607897,655	F608	311376,239	7604268,185	F671	306840,651	7596343,542
F483	312406,041	7603462,568	F546	316420,439	7607850,559	F609	311164,373	7604565,775	F672	306925,318	7596259,933
F484	312537,274	7603227,617	F547	316407,739	7607516,125	F610	311345,514	7604909,702	F673	306818,185	7595909,181
F485	312779,633	7603732,443	F548	316663,103	7607429,662	F611	310486,498	7605337,587	F674	307057,294	7595852,622
F486	312724,911	7603946,469	F549	316756,990	7607688,633	F612	310201,925	7605223,241	F675	307221,580	7596024,936
F487	312510,097	7603885,325	F550	317020,291	7608032,913	F613	309945,624	7604682,058	F676	307392,335	7595919,531
F488	312423,115	7603967,677	F551	316877,640	7608157,476	F614	309596,111	7604413,783	F677	307182,192	7595578,237
F489	312305,904	7604370,308	F552	316246,872	7608284,476	F615	309307,169	7603926,064	F678	306618,930	7595714,838
F490	312384,750	7604434,337	F553	316139,980	7608201,926	F616	309494,790	7603782,714	F679	306558,960	7595629,349
F491	312504,342	7604442,804	F554	315784,380	7608308,818	F617	309621,617	7603944,303	F680	306371,105	7595616,120
F492	312605,942	7604124,774	F555	315764,271	7608073,867	F618	309918,231	7603681,696	F681	306377,630	7595420,356
F493	312748,941	7604210,811	F556	315649,971	7608034,709	F619	309834,160	7603539,057	F682	306302,223	7595358,443
F494	313141,030	7604192,054	F557	315268,217	7608098,530	F620	309426,080	7603560,783	F683	306192,686	7595340,981
F495	313858,077	7603723,976	F558	315235,531	7607839,880	F621	308978,327	7603080,911	F684	306048,223	7595128,255
F496	314009,188	7604175,162	F559	314432,885	7607564,808	F622	308703,653	7603305,160	F685	306724,499	7594736,142
F497	314142,543	7604408,534	F560	314342,927	7607635,717	F623	307714,837	7602113,058	F686	306746,724	7594643,273
F498	313884,167	7604570,366	F561	314342,927	7607764,833	F624	307475,236	7601440,217	F687	306706,243	7594472,616
F499	313910,560	7604705,111	F562	314606,452	7607892,892	F625	308045,037	7601367,460	F688	306591,943	7594436,898

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
F689	306507,011	7594509,923	F752	306696,738	7589621,769	F815	305167,786	7589584,292	F878	303820,890	7593785,724
F690	306510,186	7594604,379	F753	306403,824	7589332,281	F816	305242,097	7589545,248	F879	304040,494	7593748,020
F691	306262,361	7594737,569	F754	306481,611	7589233,856	F817	306078,782	7589671,610	F880	304119,208	7594027,156
F692	306205,386	7594528,179	F755	306386,381	7589138,242	F818	306365,194	7589856,819	F881	304592,813	7594651,574
F693	306090,292	7594507,542	F756	306098,131	7589083,245	F819	306460,445	7590344,976	F882	304551,803	7594720,366
F694	306215,704	7594182,103	F757	305940,292	7589223,968	F820	306119,131	7591167,170	F883	304624,563	7595024,638
F695	306292,698	7594123,366	F758	305870,442	7589408,118	F821	305814,198	7591106,978	F884	304547,173	7595074,247
F696	306183,954	7593735,221	F759	305573,347	7589371,437	F822	305803,581	7590974,890	F885	304456,553	7595418,868
F697	306029,173	7593747,921	F760	305596,019	7589213,999	F823	305667,354	7590943,597	F886	304565,032	7595504,857
F698	305929,160	7593964,616	F761	305479,568	7588966,641	F824	305582,688	7591024,957	F887	305027,392	7595277,977
F699	305997,423	7594121,778	F762	305328,226	7588919,677	F825	305267,833	7590977,993	F888	305123,965	7595391,086
F700	305925,191	7594313,866	F763	305327,696	7588833,423	F826	305221,531	7590895,310	F889	305329,018	7595352,060
F701	305837,310	7594204,575	F764	305427,709	7588762,514	F827	304971,301	7590651,092	F890	305652,471	7595422,175
F702	305745,804	7594120,985	F765	305572,172	7588726,531	F828	304776,078	7590753,112	F891	305668,347	7595539,253
F703	305770,410	7593941,597	F766	306069,590	7588760,397	F829	304956,285	7591058,691	F892	305776,164	7595561,081
F704	305707,703	7593863,809	F767	306128,856	7588667,793	F830	304849,790	7591195,613	F893	305782,118	7595824,342
F705	305648,172	7593859,840	F768	306097,106	7588555,610	F831	304175,101	7591422,494	F894	305575,081	7595886,520
F706	305568,797	7593700,296	F769	305561,589	7588510,101	F832	303669,085	7591378,176	F895	305588,310	7596077,020
F707	305746,597	7593678,071	F770	305484,859	7588402,680	F833	303649,902	7591594,473	F896	305940,868	7596079,666
F708	305776,760	7593550,277	F771	305385,376	7588372,518	F834	304068,606	7591638,130	F897	305975,264	7596376,661
F709	306022,029	7593170,864	F772	305302,297	7588401,622	F835	303856,138	7591846,459	F898	305760,951	7596340,281
F710	305974,404	7593054,182	F773	305280,071	7588510,101	F836	303995,846	7592013,839	F899	305531,424	7596185,499
F711	305839,466	7593060,532	F774	305011,848	7588583,509	F837	304208,836	7591889,484	F900	305388,549	7596176,900
F712	305633,884	7593354,220	F775	304889,478	7588566,311	F838	304389,414	7592517,209	F901	305329,018	7596265,536
F713	305517,203	7593224,045	F776	304581,238	7588721,754	F839	304492,602	7592651,486	F902	305355,476	7596368,062
F714	305439,415	7593256,589	F777	304331,477	7588460,812	F840	304446,300	7592746,736	F903	305794,685	7596643,229
F715	305336,228	7593116,889	F778	304104,766	7588522,528	F841	304589,837	7592965,018	F904	305184,158	7596900,537
F716	305425,128	7593047,832	F779	303851,648	7588725,061	F842	304704,931	7592935,913	F905	305254,273	7597102,282
F717	305380,678	7592937,501	F780	303241,782	7588662,223	F843	304911,637	7593209,592	F906	305493,120	7597005,606
F718	305287,809	7592889,082	F781	303171,667	7588570,280	F844	304884,517	7593300,874	F907	305573,439	7597062,644
F719	305040,952	7593001,795	F782	303084,245	7588581,317	F845	304958,600	7593389,509	F908	306038,764	7596947,501
F720	304585,339	7592395,369	F783	302996,380	7588641,717	F846	305036,653	7593383,556	F909	306053,316	7597069,209
F721	304395,632	7591711,155	F784	302862,104	7588627,827	F847	305086,262	7593454,994	F910	305849,587	7597192,902
F722	304726,627	7591550,817	F785	302814,194	7588519,837	F848	305009,533	7593644,171	F911	305922,347	7597563,320
F723	304730,595	7591483,348	F786	302577,676	7588497,519	F849	305094,861	7593732,807	F912	306007,675	7597608,299
F724	305135,036	7591328,706	F787	302086,212	7588350,675	F850	305273,455	7593714,947	F913	306144,598	7597555,382
F725	305152,871	7591470,648	F788	301998,238	7588723,077	F851	305487,768	7594080,073	F914	306215,678	7597847,905
F726	305344,960	7591468,384	F789	302098,118	7588777,316	F852	305467,924	7594162,094	F915	305463,294	7597900,003
F727	305392,584	7591246,810	F790	302206,692	7588775,684	F853	305577,065	7594295,709	F916	305397,810	7597987,977
F728	305938,584	7591461,609	F791	302254,553	7588638,398	F854	305749,706	7594744,179	F917	305440,143	7598131,514
F729	306499,867	7591353,173	F792	302524,087	7588724,045	F855	305715,310	7594820,908	F918	306265,645	7598081,243
F730	306670,524	7591139,654	F793	302465,228	7588836,848	F856	305736,111	7594903,848	F919	306294,087	7598200,967
F731	306652,268	7590984,872	F794	302548,572	7588930,775	F857	305788,732	7594936,002	F920	306054,639	7598265,128
F732	306471,118	7590902,690	F795	302855,489	7588988,322	F858	305825,774	7595140,393	F921	306029,503	7598394,113
F733	306654,914	7590460,202	F796	302949,417	7588869,259	F859	305338,940	7595104,674	F922	305552,591	7598503,915
F734	307012,102	7590428,452	F797	303653,723	7588960,365	F860	305370,690	7595002,148	F923	305504,305	7598626,947
F735	307764,843	7591178,547	F798	303349,535	7589535,959	F861	305284,700	7594906,898	F924	305716,633	7598844,567
F736	307583,603	7591863,555	F799	302884,529	7589601,443	F862	305136,533	7594945,924	F925	305850,248	7598771,807
F737	307798,710	7591912,768	F800	302866,008	7589717,199	F863	304865,334	7594801,064	F926	305843,633	7598662,666
F738	307972,700	7591363,978	F801	302908,342	7589809,803	F864	304810,433	7594524,574	F927	306403,228	7598615,702
F739	308444,030	7590895,178	F802	303293,311	7589762,178	F865	304927,512	7594449,168	F928	306459,686	7598850,782
F740	308174,222	7590632,206	F803	303464,629	7589785,991	F866	304864,012	7594282,480	F929	305988,493	7598943,786
F741	307859,345	7590943,303	F804	303955,792	7589009,446	F867	304675,496	7594316,876	F930	305919,701	7598888,224
F742	307197,575	7590289,546	F805	304326,576	7589246,953	F868	304481,688	7594131,667	F931	305812,545	7598918,651
F743	307366,644	7590016,495	F806	304425,795	7589192,052	F869	304426,787	7593858,484	F932	305783,441	7598996,703
F744	307275,363	7589930,770	F807	304525,675	7589288,625	F870	304285,896	7593765,219	F933	305635,274	7599068,140
F745	307007,165	7589800,169	F808	304447,623	7589406,365	F871	304344,147	7593621,898	F934	305650,487	7599215,090
F746	307205,665	7589690,095	F809	304506,493	7589534,026	F872	304311,031	7593527,093	F935	305773,254	7599325,157
F747	307312,463	7589714,037	F810	304208,836	7589524,766	F873	304135,745	7593461,609	F936	305980,421	7599256,635
F748	307559,188	7589551,980	F811	304130,784	7589637,214	F874	303859,254	7593550,244	F937	306024,741	7599556,007
F749	307529,111	7589443,221	F812	304202,221	7589740,402	F875	303649,572	7593511,218	F938	306117,213	7599619,904
F750	307456,662	7589387,276	F813	304722,128	7589762,230	F876	303585,410	7593622,343	F939	306321,073	7599513,810
F751	307054,074	7589497,134	F814	304895,733	7589540,209	F877	303627,082	7593720,239	F940	306413,018	7599738,570

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
F941	306318,429	7599811,992	F1004	304776,658	7605744,708	F1067	309778,140	7609047,349	F1130	315706,538	7616911,311
F942	306293,955	7600123,539	F1005	304725,065	7605549,445	F1068	310274,499	7609442,109	F1131	314457,941	7610001,212
F943	306335,627	7600296,180	F1006	304370,258	7605040,650	F1069	310080,824	7609783,951	F1132	312718,030	7608884,705
F944	306594,123	7600677,979	F1007	304239,289	7605057,319	F1070	310332,708	7610152,252	F1133	312758,775	7608621,301
F945	306924,326	7600558,118	F1008	304194,838	7605167,651	F1071	310467,542	7610096,124	F1134	312768,188	7608221,710
F946	306994,384	7600757,470	F1009	304284,532	7605304,176	F1072	310557,556	7609882,290	F1135	313243,367	7608179,442
F947	306521,497	7600991,374	F1010	304160,707	7605411,332	F1073	311047,084	7610189,293	F1136	313234,839	7608486,440
F948	306435,508	7601353,854	F1011	304201,189	7605532,776	F1074	310880,815	7610426,666	F1137	313452,518	7608556,527
F949	306511,575	7601445,797	F1012	304298,026	7605566,908	F1075	311085,666	7610675,777	F1138	313633,142	7608226,666
F950	306641,883	7601434,552	F1013	304412,915	7605487,918	F1076	310894,684	7610895,203	F1139	314238,327	7608529,225
F951	306739,779	7601150,786	F1014	304629,814	7605949,496	F1077	310973,482	7611158,378	F1140	315082,086	7608713,376
F952	307069,843	7600972,193	F1015	304559,964	7606036,809	F1078	310579,781	7611679,079	F1141	316719,844	7608518,185
F953	307155,837	7601215,609	F1016	304579,808	7606142,378	F1079	310663,967	7611972,589	F1142	316740,232	7609085,645
F954	307005,686	7601222,885	F1017	304668,708	7606197,940	F1080	310817,425	7611976,822	F1143	316616,407	7609599,203
F955	306832,383	7601519,880	F1018	304754,433	7606151,902	F1081	310925,158	7611858,517	F1144	316874,190	7609847,631
F956	306915,956	7601646,573	F1019	304915,565	7606283,665	F1082	311059,026	7611906,578	F1145	316807,976	7610204,663
F957	307262,332	7601517,235	F1020	305556,211	7606407,358	F1083	311148,449	7611762,181	F1146	315487,692	7610296,910
F958	307448,864	7602055,001	F1021	305759,411	7606518,483	F1084	311375,168	7611836,063	F1147	314938,416	7610047,672
F959	307403,884	7602135,699	F1022	306031,668	7606554,202	F1085	311340,243	7612062,018	F1148	316966,187	7608944,040
F960	307446,879	7602238,887	F1023	306027,611	7606639,266	F1086	311646,631	7612158,062	F1149	317247,833	7608596,704
F961	307538,822	7602260,715	F1024	306066,505	7606894,854	F1087	311764,900	7611937,399	F1150	317705,034	7608919,137
F962	308467,512	7603372,629	F1025	306458,618	7606953,592	F1088	312369,739	7611747,692	F1151	317734,800	7609190,335
F963	308419,225	7603448,035	F1026	306629,842	7606908,334	F1089	312464,989	7611953,274	F1152	317943,160	7609279,632
F964	308599,142	7603789,349	F1027	306725,092	7607011,522	F1090	312353,070	7612075,512	F1153	318039,071	7609620,284
F965	308415,256	7603817,791	F1028	306870,575	7606994,073	F1091	312282,426	7612469,213	F1154	318002,691	7610073,384
F966	308374,907	7603905,765	F1029	306895,181	7606836,910	F1092	312020,488	7612416,031	F1155	317361,075	7610149,452
F967	308052,776	7603963,974	F1030	307081,713	7606820,241	F1093	311875,232	7612638,282	F1156	317006,332	7609502,900
F968	307561,973	7603443,405	F1031	307970,191	7607158,928	F1094	311884,757	7612747,819	F1157	317054,294	7609279,797
F969	307462,754	7603435,468	F1032	307887,953	7607411,163	F1095	311997,469	7612775,601	A1	325724,595	7617890,470
F970	307391,317	7603514,181	F1033	307488,961	7607382,588	F1096	312397,473	7612749,056	A2	325546,561	7617389,593
F971	307305,327	7603731,140	F1034	307267,721	7607508,179	F1097	312572,146	7612885,138	A3	325892,284	7617279,470
F972	307302,282	7603846,569	F1035	307132,334	7607324,845	F1098	312738,786	7612934,264	A4	325792,340	7616774,958
F973	307598,354	7603993,078	F1036	306937,327	7607455,558	F1099	312756,406	7613221,465	A5	326408,644	7616492,778
F974	307490,136	7604259,320	F1037	307088,910	7607708,555	F1100	312575,746	7613452,072	A6	326528,500	7616605,491
F975	307304,004	7604192,177	F1038	306891,001	7607892,706	F1101	312747,373	7613591,818	A7	326518,975	7616807,898
F976	307204,124	7604327,115	F1039	306736,484	7607826,030	F1102	313302,349	7612936,910	A8	326583,269	7616892,035
F977	307167,082	7604514,970	F1040	306647,899	7607842,793	F1103	314201,934	7613841,787	A9	326686,457	7616898,385
F978	307314,587	7604679,012	F1041	306620,067	7608014,414	F1104	313935,811	7613950,353	A10	326743,607	7616807,898
F979	307196,051	7604969,199	F1042	306815,859	7608108,606	F1105	313660,593	7613694,607	A11	327194,709	7616911,771
F980	307420,948	7605217,908	F1043	306834,909	7608441,982	F1106	313486,308	7613822,663	A12	327229,310	7616984,838
F981	307167,743	7605420,508	F1044	307111,135	7608561,573	F1107	313577,516	7613974,079	A13	327947,655	7617142,265
F982	307155,837	7605562,722	F1045	307206,385	7608470,557	F1108	313453,162	7614524,413	A14	327951,624	7617356,578
F983	307271,533	7605611,150	F1046	307176,752	7608352,023	F1109	313484,912	7614630,247	A15	328213,562	7617405,526
F984	307683,682	7605567,352	F1047	307052,926	7608290,640	F1110	313699,225	7614617,018	A16	328347,177	7617086,702
F985	307771,656	7605765,790	F1048	307099,493	7608106,489	F1111	313749,496	7614892,185	A17	328236,052	7616864,452
F986	309426,201	7605297,398	F1049	307243,427	7608053,572	F1112	313836,120	7615016,480	A18	327941,041	7616447,732
F987	309805,644	7605317,982	F1050	307303,538	7608208,184	F1113	314220,768	7614821,099	A19	327818,009	7616347,191
F988	310209,397	7605498,896	F1051	307476,260	7608219,731	F1114	314312,843	7614939,368	A20	327443,623	7616442,441
F989	310153,173	7605892,464	F1052	307524,944	7607862,014	F1115	314707,290	7614749,310	A21	327328,337	7616018,115
F990	309733,146	7606100,824	F1053	308049,566	7607629,887	F1116	315006,269	7615061,519	A22	326922,922	7615718,407
F991	309732,931	7606331,952	F1054	308914,755	7607587,554	F1117	314466,518	7615310,228	A23	327157,452	7615509,411
F992	309153,376	7606418,168	F1055	308901,838	7607732,897	F1118	314540,710	7615699,473	A24	326359,359	7612133,389
F993	308992,108	7606272,710	F1056	308931,472	7607846,139	F1119	314305,984	7615743,309	A25	326175,208	7611938,126
F994	308525,635	7606531,183	F1057	309067,997	7607884,239	F1120	314328,699	7615946,154	A26	326495,884	7611849,225
F995	307717,596	7606742,321	F1058	309368,564	7607658,813	F1121	314602,338	7615940,466	A27	326441,909	7611646,025
F996	307414,383	7606604,209	F1059	309569,648	7607723,372	F1122	314639,380	7616115,092	A28	325881,520	7611766,675
F997	307182,608	7606598,652	F1060	309601,398	7608210,206	F1123	314758,442	7616173,300	A29	325841,832	7611573,000
F998	307107,518	7606477,601	F1061	309298,714	7608240,898	F1124	314750,505	7616387,613	A30	325720,376	7611443,943
F999	306698,419	7606485,940	F1062	309267,876	7608360,725	F1125	315166,589	7616470,911	A31	325759,535	7611339,168
F1000	306242,012	7606355,764	F1063	309336,814	7608459,973	F1126	315419,928	7616167,963	A32	324722,198	7610773,975
F1001	305832,436	7606302,583	F1064	309689,240	7608431,398	F1127	315692,449	7616331,343	A33	324550,622	7610903,956
F1002	305620,504	7606190,664	F1065	309788,723	7608610,257	F1128	315514,980	7616700,783	A34	324127,750	7610650,925
F1003	305020,340	7606078,877	F1066	309652,198	7608693,866	F1129	315581,787	7616871,572	A35	324178,010	7610463,752

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A36	323632,088	7610267,912	A99	325403,924	7613787,789	I1	316470,592	7624540,405	I64	316492,330	7627455,648
A37	323606,092	7610118,867	A100	325094,624	7613979,936	I2	316580,129	7624449,917	I65	317061,265	7627548,888
A38	323399,855	7610101,535	A101	324867,952	7614183,181	I3	316561,079	7624326,092	I66	317664,516	7627470,571
A39	323353,061	7610273,111	A102	325135,645	7614603,247	I4	316472,179	7624264,179	I67	317692,033	7627784,896
A40	322647,695	7610255,779	A103	323883,315	7615526,451	I5	316726,454	7623728,418	I68	317344,777	7627861,991
A41	322448,729	7610513,697	A104	323422,815	7615897,629	I6	316746,817	7623527,578	I69	317097,126	7628031,854
A42	322296,126	7610402,633	A105	323276,095	7615963,676	I7	317152,434	7623604,725	I70	316555,831	7628588,497
A43	322402,101	7610204,037	A106	323127,267	7616118,457	I8	317599,306	7623351,365	I71	316496,299	7628448,929
A44	322109,207	7610028,617	A107	323130,806	7616195,681	I9	317896,170	7624205,442	I72	316308,445	7628476,711
A45	322010,043	7610192,255	A108	322698,641	7616437,281	I10	317370,451	7624510,467	I73	316334,903	7628739,971
A46	321596,405	7611006,736	A109	322502,849	7616254,056	I11	317223,068	7624291,167	I74	316203,272	7628769,076
A47	321451,942	7611311,536	A110	323235,997	7615633,116	I12	317045,268	7624303,867	I75	316170,200	7628670,518
A48	321615,370	7611635,971	A111	323454,805	7615226,743	I13	316775,392	7624599,143	I76	316067,673	7628653,320
A49	321159,321	7612699,585	A112	323882,303	7614942,080	I14	316791,267	7624913,468	I77	315722,391	7628659,935
A50	320874,535	7612953,599	A113	325849,010	7613617,923	I15	316905,568	7624988,081	I78	315660,214	7628742,617
A51	320401,159	7612952,008	A114	326031,573	7613616,335	I16	317921,383	7624649,886	I79	315661,537	7628861,019
A52	320387,340	7612426,051	A115	326045,861	7613411,547	I17	317948,266	7624947,767	I80	315346,682	7628895,414
A53	320681,209	7612149,738	A116	325620,410	7613373,447	I18	317883,283	7625520,632	I81	315336,760	7628576,591
A54	320978,337	7611305,451	A117	325662,907	7613187,530	I19	317933,741	7625846,920	I82	315527,922	7628646,706
A55	320713,224	7610841,900	A118	325811,735	7613151,149	I20	318006,766	7626115,208	I83	315642,973	7628354,117
A56	319925,029	7610828,406	A119	325870,605	7613049,284	I21	317888,839	7626324,702	I84	315889,079	7628396,674
A57	319776,592	7611327,181	A120	325617,502	7612638,244	I22	318050,765	7627100,991	I85	316112,653	7628333,174
A58	319209,008	7611826,242	A121	325767,721	7612545,060	I23	317871,112	7627146,235	I86	316136,465	7628208,819
A59	319042,088	7612289,820	A122	325794,901	7612212,342	I24	317800,997	7627070,829	I87	316039,230	7628126,137
A60	318333,472	7612825,540	A123	325942,886	7612102,817	I25	317652,831	7627103,902	I88	315878,496	7628168,470
A61	318109,105	7612827,657	A124	326061,105	7612237,012	I26	317645,048	7627215,130	I89	315404,229	7628058,668
A62	318024,438	7612596,939	A125	326305,184	7612375,257	I27	317073,392	7627316,892	I90	315323,531	7628086,449
A63	317844,521	7612512,273	A126	326727,340	7612530,528	I28	316111,330	7627166,723	I91	315078,130	7628589,159
A64	317745,037	7612643,506	A127	326889,202	7612793,944	I29	316104,186	7627074,647	I92	315102,604	7628929,810
A65	317916,487	7613081,657	A128	326766,051	7613060,602	I30	316020,842	7627035,754	I93	314945,838	7629028,368
A66	318375,805	7613079,540	A129	326746,764	7613283,786	I31	315931,148	7627046,072	I94	314619,034	7629062,143
A67	318871,106	7612749,340	A130	327138,189	7613581,469	I32	315887,492	7626907,166	I95	314656,118	7628894,092
A68	319580,191	7613193,841	A131	326981,215	7613836,368	I33	315888,285	7626793,660	I96	314546,978	7628816,039
A69	319753,758	7613655,275	A132	326835,013	7613781,520	I34	315746,204	7626649,990	I97	314440,482	7628855,727
A70	319645,808	7613854,242	A133	326661,982	7613925,618	I35	315554,116	7626661,897	I98	314312,027	7629332,110
A71	319700,841	7614347,426	A134	326686,507	7614086,729	I36	315456,485	7626533,309	I99	314350,127	7629559,123
A72	319023,506	7614383,410	A135	326049,389	7614517,680	I37	315589,835	7626473,778	I100	314465,221	7629836,142
A73	318796,851	7614629,129	A136	325857,386	7614265,263	I38	315600,947	7626356,302	I101	314554,121	7629936,155
A74	316455,311	7617143,432	A137	325814,381	7614018,984	I39	315510,460	7626279,308	I102	315421,692	7629592,461
A75	316356,886	7617468,870	A138	325731,535	7613870,336	I40	315314,360	7626276,604	I103	315424,073	7629194,791
A76	316094,948	7617367,270	A139	324289,321	7613076,791	I41	315399,334	7625979,270	I104	315646,148	7629122,468
A77	315666,322	7617429,183	A140	323395,854	7613265,700	I42	315546,179	7625936,408	I105	315663,288	7629395,548
A78	315664,165	7617798,219	A141	323198,514	7613056,811	I43	315574,754	7625822,901	I106	315813,805	7629621,300
A79	316340,543	7618036,800	A142	323198,187	7612707,447	I44	315502,522	7625731,620	I107	315963,824	7629695,913
A80	316426,736	7618264,209	A143	323099,685	7612588,473	I45	315265,984	7625776,070	I108	316063,837	7629642,732
A81	316888,780	7618166,430	A144	322361,496	7612882,161	I46	315209,628	7625831,633	I109	316078,918	7629524,463
A82	316971,579	7618390,381	A145	322266,246	7612622,869	I47	314927,052	7626769,053	I110	315969,380	7629451,437
A83	316457,086	7618990,100	A146	321832,329	7612514,389	I48	314671,464	7627048,454	I111	315886,830	7629322,056
A84	316261,040	7618999,142	A147	321962,851	7611559,329	I49	314674,639	7627138,941	I112	315882,068	7629057,737
A85	316160,498	7619097,038	A148	322341,685	7611487,890	I50	314857,996	7627333,411	I113	316444,044	7628948,199
A86	316256,026	7619224,465	A149	322807,083	7611209,451	I51	315111,203	7627223,873	I114	316565,488	7628880,730
A87	315846,991	7619701,258	A150	323145,912	7611203,849	I52	315427,116	7627368,336	I115	317425,740	7628109,641
A88	315188,682	7619851,102	A151	323544,186	7611485,158	I53	315419,972	7627508,830	I116	317713,078	7628042,966
A89	315188,682	7620029,961	A152	323025,602	7611964,055	I54	315738,266	7627640,592	I117	317999,532	7627874,535
A90	315587,674	7620149,553	A153	323073,227	7612104,284	I55	315737,473	7627716,793	I118	318058,799	7628072,973
A91	324126,310	7614734,209	A154	323237,269	7612130,743	I56	315816,848	7627805,693	I119	318004,295	7628143,882
A92	324105,037	7614516,799	A155	324057,479	7611498,387	I57	315941,467	7627787,436	I120	318062,503	7628481,491
A93	324358,153	7614120,544	A156	324515,209	7611569,825	I58	316098,630	7627541,373	I121	317559,265	7628573,037
A94	324338,734	7614002,344	A157	324728,253	7611258,512	I59	316109,742	7627405,642	I122	317423,798	7628638,653
A95	324751,393	7613777,637	A158	325042,588	7611390,827	I60	316270,080	7627419,929	I123	317331,194	7628734,433
A96	324880,282	7613630,008	A159	324895,995	7611733,964	I61	316270,874	7627579,474	I124	317226,772	7629038,331
A97	324894,370	7613449,378	A160	325150,210	7612202,180	I62	316364,536	7627650,911	I125	317031,155	7628996,900
A98	325312,798	7613353,453	A161	324353,813	7612794,848	I63	316482,805	7627598,524	I126	316934,582	7629069,661

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I127	316958,395	7629197,455	I190	311954,524	7630687,564	I253	311067,300	7631702,217	I316	301342,866	7633764,720
I128	317247,320	7629294,292	I191	311867,211	7630644,702	I254	311242,980	7631853,348	I317	301392,079	7633712,333
I129	317320,964	7629547,390	I192	311785,455	7630694,708	I255	311859,303	7631958,278	I318	301375,807	7633186,869
I130	316909,976	7629626,080	I193	311645,754	7630847,902	I256	311865,800	7632147,438	I319	301500,051	7632763,275
I131	316198,775	7630242,825	I194	311640,992	7630962,202	I257	311113,360	7632596,451	I320	302010,110	7632901,285
I132	316135,804	7630116,090	I195	311733,861	7631023,321	I258	311029,172	7632611,487	I321	302893,031	7632821,560
I133	316042,670	7630073,756	I196	312195,030	7630852,665	I259	310999,670	7632497,235	I322	303382,413	7633227,892
I134	315953,241	7630125,086	I197	312560,085	7630976,781	I260	310886,163	7632467,073	I323	304147,628	7633575,205
I135	315913,378	7630297,750	I198	312558,762	7631213,758	I261	310798,851	7632539,304	I324	304408,347	7633460,376
I136	315130,914	7630707,699	I199	312401,555	7631208,645	I262	310813,983	7632649,920	I325	304602,619	7633499,282
I137	314965,814	7630912,487	I200	312314,772	7631317,653	I263	310442,138	7632716,332	I326	304972,139	7633942,284
I138	314995,447	7631016,733	I201	311767,083	7631261,032	I264	309027,961	7633691,426	I327	305261,094	7634021,347
I139	315086,464	7631084,467	I202	311459,107	7631337,762	I265	307897,986	7633956,788	I328	305152,853	7634147,471
I140	315179,385	7631034,855	I203	311441,790	7631240,727	I266	307603,770	7634498,288	I329	305120,704	7634404,572
I141	315466,406	7630830,466	I204	311302,883	7631210,564	I267	307160,100	7634754,535	I330	305151,957	7634705,672
I142	315790,786	7630715,637	I205	311120,440	7631418,195	I268	306528,852	7634760,418	I331	305262,024	7634729,484
I143	315898,736	7631196,650	I206	310930,469	7631452,591	I269	306125,188	7634711,896	I332	305364,683	7634695,617
I144	315291,781	7631382,388	I207	310853,210	7631166,311	I270	306029,780	7634645,110	I333	305340,951	7634389,748
I145	314504,923	7631400,451	I208	311071,142	7631077,974	I271	306048,632	7634252,417	I334	305445,780	7634143,560
I146	314495,913	7631250,625	I209	311095,748	7630986,692	I272	306358,940	7634247,575	I335	305817,121	7634222,542
I147	314405,425	7631110,925	I210	311051,298	7630901,761	I273	306496,655	7634551,584	I336	305817,121	7634770,230
I148	314317,054	7631115,688	I211	310962,398	7630888,267	I274	306607,780	7634568,782	I337	305991,300	7634894,220
I149	313892,492	7631271,926	I212	310557,935	7631043,015	I275	306687,817	7634490,068	I338	306102,425	7635375,762
I150	313841,160	7631137,923	I213	310514,014	7630932,419	I276	306661,144	7634355,274	I339	306230,087	7635556,341
I151	313766,547	7631104,585	I214	310436,226	7630894,319	I277	306577,800	7634178,268	I340	306230,087	7635689,294
I152	313683,997	7631133,161	I215	310344,680	7630923,423	I278	306592,087	7633765,517	I341	306458,290	7635714,430
I153	313607,176	7631272,453	I216	310311,343	7631007,032	I279	306475,406	7633725,829	I342	306560,155	7635627,117
I154	313364,420	7631198,370	I217	310355,793	7631139,324	I280	306381,743	7633774,248	I343	306544,280	7635513,346
I155	313249,987	7631269,808	I218	310336,378	7631201,765	I281	306353,962	7634020,311	I344	306439,108	7635463,075
I156	312933,848	7631046,439	I219	310357,380	7631280,611	I282	306010,144	7634023,432	I345	306313,431	7635284,481
I157	312803,342	7631044,675	I220	310444,010	7631313,869	I283	305722,677	7633703,597	I346	306228,860	7634949,789
I158	312799,215	7630760,306	I221	310619,848	7631257,328	I284	305098,263	7633742,745	I347	306505,568	7634990,364
I159	312983,989	7630730,128	I222	310747,377	7631613,987	I285	304736,617	7633294,400	I348	307365,743	7634979,958
I160	313618,193	7630971,418	I223	310333,560	7631832,571	I286	304414,936	7633200,599	I349	307257,660	7635238,589
I161	313715,904	7630942,420	I224	310021,888	7631907,675	I287	304146,687	7633330,487	I350	307309,959	7635327,860
I162	313813,090	7630593,005	I225	310006,426	7631763,998	I288	303485,948	7633024,588	I351	307444,368	7635340,031
I163	313698,161	7630525,689	I226	309856,065	7631722,702	I289	303202,817	7632791,004	I352	307621,904	7634941,700
I164	313577,775	7630527,012	I227	309682,691	7632051,080	I290	303214,554	7632664,055	I353	307570,928	7634812,080
I165	313500,384	7630697,668	I228	309765,001	7632283,377	I291	302921,215	7632558,681	I354	307661,800	7634775,522
I166	313294,670	7630608,636	I229	308962,901	7632547,565	I292	302029,876	7632660,332	I355	307793,563	7634621,005
I167	313400,504	7630401,334	I230	308427,051	7632172,996	I293	301404,903	7632509,735	I356	308052,326	7634179,150
I168	313300,623	7630262,428	I231	308524,468	7632052,814	I294	300981,085	7632703,538	I357	309096,374	7633948,962
I169	312940,128	7630498,569	I232	308442,582	7631763,917	I295	300722,162	7632913,400	I358	310611,513	7632907,331
I170	312801,221	7630446,975	I233	308135,508	7631757,033	I296	298724,148	7633603,063	I359	311195,053	7632799,610
I171	312816,435	7630198,266	I234	308096,329	7631980,456	I297	298739,503	7633337,950	I360	311884,558	7632392,679
I172	312984,446	7630211,495	I235	307935,750	7632010,414	I298	298629,171	7633277,624	I361	311986,688	7632567,834
I173	313090,279	7630090,448	I236	307942,524	7632200,096	I299	298529,159	7633331,599	I362	312194,612	7632529,523
I174	312990,986	7629767,643	I237	308123,342	7632227,395	I300	299573,877	7633561,265	I363	312260,267	7632314,892
I175	312852,936	7629585,344	I238	308854,519	7632772,173	I301	299615,941	7633754,926	I364	312976,231	7632393,738
I176	312366,303	7629462,049	I239	308968,315	7632814,140	I302	299803,266	7633842,239	I365	313053,490	7632341,879
I177	312034,225	7629420,763	I240	309002,182	7632966,540	I303	299894,944	7633770,008	I366	313065,661	7632232,342
I178	311427,005	7629428,701	I241	309099,549	7633007,815	I304	299891,769	7633664,835	I367	312990,387	7632167,386
I179	311355,567	7629485,057	I242	309194,799	7632960,719	I305	299797,710	7633603,717	I368	312836,266	7632148,204
I180	311353,186	7629585,864	I243	309218,082	7632817,844	I306	299773,130	7633494,257	I369	312842,881	7632046,339
I181	311394,461	7629643,014	I244	309178,395	7632709,364	I307	300781,561	7633155,122	I370	312664,287	7631911,401
I182	312062,503	7629671,480	I245	309842,859	7632492,582	I308	301107,144	7632885,512	I371	312806,608	7631715,777
I183	312163,310	7629827,055	I246	310000,192	7632665,443	I309	301237,319	7632887,894	I372	313025,073	7631738,109
I184	311960,903	7629911,986	I247	310089,092	7632651,156	I310	301161,913	7633159,356	I373	313037,350	7631953,867
I185	312023,906	7630118,471	I248	310148,888	7632590,831	I311	301171,702	7633614,441	I374	313160,382	7632138,282
I186	312223,138	7630062,908	I249	310144,655	7632498,756	I312	300953,928	7633793,692	I375	313234,465	7632190,537
I187	312535,346	7630325,111	I250	309984,129	7632324,418	I313	300951,569	7633869,764	I376	313338,314	7632164,079
I188	312559,953	7630729,924	I251	309979,365	7632153,939	I314	301003,162	7633940,408	I377	313429,344	7631942,403
I189	312199,589	7630615,624	I252	310411,885	7632037,321	I315	301082,119	7633954,824	I378	313600,000	7632006,697

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I379	313615,875	7632207,516	I442	315228,502	7634103,082	I505	318552,601	7634407,618	I568	315271,974	7640867,362
I380	313712,713	7632271,810	I443	315160,371	7634011,139	I506	318728,814	7634601,293	I569	315179,436	7640768,248
I381	313842,094	7632204,341	I444	314920,660	7633966,470	I507	318700,239	7635138,663	I570	314889,359	7640946,827
I382	313792,882	7631755,078	I445	315109,068	7633623,738	I508	318838,351	7635415,682	I571	314698,408	7640613,697
I383	314520,078	7631629,752	I446	315315,814	7633868,925	I509	318697,064	7635433,939	I572	314582,048	7640545,990
I384	314799,481	7631634,912	I447	315443,476	7633847,759	I510	318340,129	7635944,250	I573	314754,382	7640294,026
I385	314800,272	7631888,250	I448	315495,070	7633736,633	I511	318266,056	7636448,353	I574	314689,559	7640202,083
I386	314648,930	7632194,374	I449	315353,908	7633547,819	I512	316799,997	7636388,822	I575	314581,080	7640180,916
I387	314614,005	7632447,581	I450	315673,664	7633210,111	I513	316497,682	7636556,983	I576	314395,910	7640437,681
I388	314509,230	7632476,950	I451	316091,971	7633154,152	I514	315581,589	7636192,765	I577	314156,423	7640292,703
I389	314506,849	7632652,369	I452	316124,382	7633055,594	I515	315206,144	7635606,977	I578	314239,105	7640079,051
I390	314690,999	7632676,975	I453	316287,908	7632959,463	I516	315010,314	7635763,529	I579	314172,959	7640000,999
I391	314810,062	7632617,444	I454	316366,477	7633103,881	I517	315264,882	7636143,553	I580	314053,235	7639989,754
I392	314864,831	7632256,287	I455	316473,633	7633099,251	I518	315215,736	7636271,790	I581	313943,433	7640228,541
I393	314984,423	7632019,484	I456	316551,685	7633033,105	I519	315542,575	7636443,328	I582	313514,807	7639983,801
I394	315132,590	7632106,135	I457	316497,446	7632858,479	I520	315539,520	7636719,816	I583	313426,171	7640041,348
I395	315222,548	7632086,953	I458	316792,457	7632847,235	I521	315634,770	7636792,841	I584	313395,744	7640154,458
I396	315267,528	7632012,208	I459	316857,941	7632761,906	I522	315757,008	7636750,773	I585	314022,808	7640551,995
I397	315919,065	7632031,390	I460	316817,592	7632637,552	I523	315780,469	7636524,509	I586	314535,689	7640777,077
I398	316241,341	7631913,299	I461	316328,124	7632618,150	I524	316077,341	7636638,343	I587	314646,117	7641013,884
I399	316285,514	7632174,927	I462	316436,591	7632377,598	I525	316030,364	7636909,941	I588	314502,498	7641069,477
I400	316167,774	7632212,630	I463	316644,290	7632406,702	I526	316146,740	7637071,448	I589	314582,680	7641382,215
I401	316165,141	7632389,550	I464	316718,373	7632254,567	I527	316292,276	7637080,346	I590	314161,185	7641475,084
I402	315983,613	7632712,312	I465	316692,192	7632068,874	I528	316525,017	7636930,444	I591	313998,466	7641871,960
I403	315773,956	7632727,841	I466	317119,878	7631967,659	I529	316609,497	7637192,892	I592	313968,421	7642082,799
I404	315614,133	7632613,475	I467	317122,934	7632271,016	I530	316107,846	7637453,243	I593	313803,056	7642142,330
I405	315473,235	7632762,431	I468	316908,344	7632348,626	I531	316215,796	7637650,887	I594	313670,788	7642227,520
I406	315544,225	7632906,840	I469	316889,824	7632480,257	I532	316848,522	7637324,316	I595	313291,895	7641980,042
I407	315344,757	7632974,912	I470	316987,058	7632545,741	I533	316832,453	7637139,840	I596	313098,601	7641974,320
I408	315145,819	7632821,173	I471	317432,220	7632474,304	I534	316916,694	7637093,575	I597	313060,237	7641889,653
I409	315007,328	7632990,441	I472	317442,804	7632660,174	I535	316915,371	7636953,346	I598	312929,268	7641867,825
I410	315163,017	7633116,846	I473	317522,179	7632719,705	I536	316813,621	7636923,628	I599	312838,709	7641968,830
I411	315053,213	7633300,339	I474	317868,796	7632737,213	I537	316794,167	7636700,285	I600	312455,001	7641812,923
I412	314951,350	7633206,804	I475	318042,099	7632448,817	I538	316869,069	7636630,553	I601	312181,157	7641879,069
I413	314824,350	7633200,851	I476	318292,130	7632672,390	I539	317172,865	7636633,168	I602	312166,605	7642033,851
I414	314753,573	7633302,054	I477	318045,129	7632886,261	I540	317252,980	7636848,570	I603	312301,543	7642085,445
I415	314543,229	7633347,695	I478	318026,079	7633044,217	I541	317433,162	7636847,777	I604	312312,976	7642168,427
I416	314509,495	7633446,914	I479	318211,023	7633172,805	I542	317441,954	7636646,515	I605	312130,849	7642246,783
I417	314569,026	7633556,716	I480	318405,492	7633099,780	I543	318227,180	7636685,463	I606	312115,657	7642375,601
I418	314841,957	7633611,663	I481	318477,724	7633516,499	I544	318178,105	7637018,591	I607	311872,255	7642468,430
I419	314658,071	7633963,559	I482	317907,810	7633885,594	I545	318187,384	7637442,132	I608	311845,135	7642541,190
I420	314523,133	7633863,017	I483	317897,491	7633972,113	I546	317975,823	7637450,763	I609	311200,874	7642719,785
I421	314512,802	7633765,737	I484	317609,359	7634172,932	I547	317627,631	7638122,542	I610	311089,087	7642582,201
I422	314426,812	7633712,159	I485	317424,557	7634024,151	I548	317468,652	7638053,738	I611	310974,654	7642553,758
I423	314232,343	7633769,045	I486	317160,096	7634181,663	I549	317351,522	7638231,781	I612	310796,722	7642669,514
I424	313998,186	7633770,368	I487	317139,458	7634281,676	I550	317523,914	7638370,854	I613	310623,315	7642858,112
I425	313957,073	7633868,787	I488	317223,596	7634489,639	I551	317310,831	7638643,889	I614	310424,246	7642735,811
I426	313985,599	7633983,754	I489	317368,059	7634489,639	I552	317380,681	7638804,756	I615	309917,642	7642632,472
I427	314266,739	7633998,571	I490	317331,598	7634926,647	I553	317274,014	7638986,937	I616	309655,704	7642451,232
I428	314572,746	7634235,238	I491	316704,747	7635366,470	I554	317005,743	7639112,125	I617	309493,646	7642409,560
I429	314560,427	7634593,224	I492	316699,191	7635441,876	I555	316818,798	7639069,090	I618	309419,074	7642468,472
I430	314476,387	7634646,082	I493	316741,260	7635514,108	I556	316607,395	7639254,961	I619	309281,979	7642730,368
I431	314455,917	7634736,099	I494	316828,572	7635538,714	I557	316496,006	7639199,398	I620	309324,974	7642848,108
I432	314506,849	7634826,719	I495	317333,398	7635238,676	I558	316362,655	7639355,503	I621	309623,292	7642859,353
I433	314515,473	7635046,351	I496	317545,330	7635032,300	I559	316543,194	7639547,185	I622	309479,094	7643145,103
I434	314731,374	7635038,413	I497	317589,035	7634502,058	I560	316122,942	7639912,716	I623	309504,230	7643230,431
I435	314733,068	7634799,599	I498	317751,706	7634511,599	I561	315882,351	7640288,816	I624	309619,324	7643463,265
I436	314805,829	7634565,442	I499	317970,781	7634462,387	I562	315655,026	7640177,168	I625	309832,314	7643475,833
I437	314952,011	7634584,624	I500	318235,894	7634342,530	I563	315537,286	7640204,949	I626	309940,132	7643232,416
I438	315019,480	7634476,807	I501	318256,531	7634209,180	I564	315451,149	7640448,994	I627	309918,303	7643132,535
I439	314970,532	7634361,051	I502	318230,338	7634101,230	I565	315357,221	7640476,775	I628	309764,183	7643079,619
I440	314990,376	7634249,264	I503	318374,537	7634036,320	I566	315316,872	7640583,270	I629	309922,934	7642861,337
I441	315190,798	7634219,499	I504	318402,582	7634173,461	I567	315458,425	7640749,958	I630	310340,976	7642942,035

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I631	310616,961	7643118,596	I694	315060,431	7645703,931	I757	319466,606	7636315,400	I820	321363,143	7648066,628
I632	310781,921	7643029,451	I695	315359,034	7645832,056	I758	319604,189	7636391,600	I821	321162,309	7648305,713
I633	310966,055	7642885,150	I696	315496,159	7645542,453	I759	319397,814	7636593,742	I822	320918,861	7648776,209
I634	311201,535	7642957,910	I697	315471,805	7645424,388	I760	319436,972	7636754,609	I823	320965,357	7649024,690
I635	311677,786	7642844,139	I698	315678,816	7645264,498	I761	319762,940	7637023,426	I824	320945,238	7649377,826
I636	312047,674	7642713,302	I699	315742,349	7645145,375	I762	320035,990	7637055,176	I825	321074,669	7649970,755
I637	312375,494	7643507,054	I700	315819,648	7644795,945	I763	320551,322	7637234,848	I826	321347,608	7650943,376
I638	312487,413	7643514,991	I701	315617,932	7644559,286	I764	320414,874	7637428,769	I827	321558,324	7651483,404
I639	312582,663	7643418,154	I702	315716,659	7644311,918	I765	320499,541	7637581,169	I828	320481,444	7652616,400
I640	312302,787	7642693,610	I703	316059,484	7644179,150	I766	320747,192	7637613,978	I829	320152,133	7652636,518
I641	312338,187	7642393,420	I704	316033,211	7643586,559	I767	320822,333	7637508,144	I830	320150,088	7652484,046
I642	312586,950	7642299,909	I705	316109,253	7643549,119	I768	320902,767	7637586,461	I831	320183,900	7652424,743
I643	312680,613	7642592,009	I706	316116,665	7643436,348	I769	320799,050	7637829,878	I832	320149,486	7652291,854
I644	313002,876	7642725,360	I707	316032,485	7643362,756	I770	320917,550	7637942,626	I833	319894,297	7652286,559
I645	313523,577	7642801,560	I708	316028,132	7643122,862	I771	321016,009	7637886,499	I834	319936,651	7652648,695
I646	313872,392	7642692,170	I709	315934,951	7643048,740	I772	321190,634	7638241,041	I835	319517,866	7652675,166
I647	313757,959	7642460,659	I710	315942,363	7642788,256	I773	321207,568	7638468,583	I836	319353,211	7652398,269
I648	314031,578	7642341,184	I711	316300,793	7642863,967	I774	321092,209	7638464,350	I837	318334,043	7651615,228
I649	314092,923	7642516,221	I712	316383,915	7642770,256	I775	321024,476	7638588,175	I838	317036,209	7651286,409
I650	314251,144	7642535,271	I713	316356,384	7642618,308	I776	321065,751	7638703,534	I839	316198,288	7651470,158
I651	314335,266	7642388,658	I714	316407,741	7642376,884	I777	321199,101	7638883,451	I840	315704,851	7651754,465
I652	314604,496	7642303,099	I715	316492,980	7642304,880	I778	321144,067	7639235,877	I841	315401,483	7651507,217
I653	314771,713	7642062,857	I716	316438,449	7642004,159	I779	321167,351	7639495,169	I842	315517,431	7651052,430
I654	314724,088	7641971,311	I717	316544,866	7641961,804	I780	320986,376	7639832,778	I843	315560,316	7650796,711
I655	314634,129	7641939,032	I718	316692,973	7641762,388	I781	320848,792	7639729,061	I844	315741,914	7650558,464
I656	314359,103	7642144,512	I719	316842,992	7641710,794	I782	320740,842	7639786,211	I845	315800,153	7650125,384
I657	314264,941	7641966,533	I720	316808,527	7641503,311	I783	320713,325	7639876,169	I846	315580,436	7650091,499
I658	314386,066	7641778,263	I721	316906,474	7641273,006	I784	320856,200	7640050,795	I847	315511,609	7650465,283
I659	314714,298	7641626,488	I722	317096,013	7641213,709	I785	320980,026	7640083,603	I848	315352,247	7650709,883
I660	314917,086	7641442,506	I723	317206,530	7641245,656	I786	320964,843	7640504,438	I849	315176,036	7651305,417
I661	315094,887	7641432,981	I724	317455,768	7641089,287	I787	320847,836	7640795,100	I850	314928,166	7651128,668
I662	315217,669	7641388,803	I725	317447,560	7640885,987	I788	320694,829	7640665,917	I851	315037,231	7650957,130
I663	315240,937	7641283,756	I726	317592,294	7640781,311	I789	320560,351	7640821,042	I852	314967,345	7650813,123
I664	315424,441	7641158,112	I727	317713,091	7640639,263	I790	320687,946	7640956,578	I853	314912,283	7650830,594
I665	315545,753	7641434,073	I728	317729,613	7640456,667	I791	320573,625	7641180,039	I854	314706,333	7650297,449
I666	315665,477	7641414,230	I729	317689,131	7640326,491	I792	320667,816	7641274,231	I855	314383,343	7650062,402
I667	315728,316	7641343,453	I730	317462,828	7640251,870	I793	320692,158	7641639,356	I856	314461,130	7649919,527
I668	315616,529	7641023,175	I731	317383,412	7640023,681	I794	320843,599	7641790,973	I857	314291,267	7649805,227
I669	315757,002	7640867,502	I732	317397,031	7639912,947	I795	320808,508	7641978,437	I858	313964,242	7650237,028
I670	315975,951	7640820,205	I733	317319,350	7639851,614	I796	320576,705	7641888,962	I859	314134,105	7650351,328
I671	316036,276	7640774,167	I734	317162,108	7639442,887	I797	320507,913	7641974,290	I860	314275,392	7650216,390
I672	316067,232	7640654,311	I735	317282,890	7639376,444	I798	320499,314	7642076,816	I861	314489,705	7650416,416
I673	316318,852	7640322,522	I736	317393,062	7639451,777	I799	320764,712	7642212,406	I862	314477,086	7650559,521
I674	316542,837	7640432,094	I737	317524,031	7639363,671	I800	320840,950	7642721,197	I863	314545,912	7650742,177
I675	316654,624	7640418,865	I738	317494,608	7639254,946	I801	320992,631	7642868,186	I864	314640,152	7650718,882
I676	316984,863	7640148,842	I739	317594,332	7639188,799	I802	320967,099	7643414,067	I865	314699,979	7650888,302
I677	317209,230	7640684,360	I740	317708,594	7639278,405	I803	321025,193	7643631,831	I866	313244,022	7651042,896
I678	316768,820	7640997,168	I741	317906,541	7639137,206	I804	320881,185	7643838,312	I867	313036,482	7651024,894
I679	316209,578	7641679,044	I742	318069,750	7639213,714	I805	320782,180	7644046,910	I868	312952,551	7650811,950
I680	316215,135	7641980,669	I743	318182,066	7639173,762	I806	320834,594	7644259,215	I869	312764,167	7650875,450
I681	316131,903	7642582,835	I744	318195,296	7639045,439	I807	320639,231	7644582,702	I870	312772,293	7651019,070
I682	315926,209	7642560,902	I745	317942,789	7638818,911	I808	320842,005	7644781,241	I871	312485,866	7651082,073
I683	315779,472	7642605,593	I746	318280,928	7638081,516	I809	320819,239	7644877,599	I872	312384,293	7650899,251
I684	315618,347	7642942,852	I747	318813,084	7637465,017	I810	320884,359	7645370,506	I873	312238,619	7650770,762
I685	315812,703	7643363,385	I748	318682,130	7637211,307	I811	321170,785	7645555,810	I874	311918,840	7650098,375
I686	315780,159	7644042,042	I749	318527,534	7637183,247	I812	321369,325	7645603,460	I875	312586,367	7649571,581
I687	315544,870	7644127,794	I750	318533,888	7636960,883	I813	321422,797	7646024,893	I876	312426,642	7649360,409
I688	315348,977	7644584,699	I751	318743,545	7636970,942	I814	321688,052	7646617,766	I877	311775,891	7649933,719
I689	315541,163	7644852,065	I752	318824,990	7636695,872	I815	321465,802	7646786,042	I878	311414,815	7649670,588
I690	315487,160	7645071,253	I753	319159,953	7636761,753	I816	321490,143	7646923,625	I879	310651,365	7649565,758
I691	315257,383	7645345,502	I754	319249,647	7636691,903	I817	321328,026	7647028,708	I880	310607,953	7648244,279
I692	315258,441	7645485,273	I755	319240,122	7636552,996	I818	321310,554	7647109,183	I881	311191,599	7648266,860
I693	315116,023	7645499,568	I756	319281,397	7636480,765	I819	321513,857	7647757,745	I882	311184,953	7648371,512

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I883	311324,521	7648499,173	I946	306535,188	7649019,892	I1009	314485,021	7652313,595	I1072	317983,579	7658144,157
I884	311456,152	7648424,428	I947	306586,782	7649107,204	I1010	314373,896	7652429,483	I1073	317908,046	7658228,867
I885	311438,954	7648279,569	I948	306805,064	7649093,314	I1011	314430,252	7652553,308	I1074	317826,159	7658095,449
I886	311565,954	7648256,418	I949	306907,524	7649057,066	I1012	314276,264	7652697,771	I1075	317569,804	7658155,078
I887	311567,938	7648047,396	I950	306978,365	7649166,408	I1013	314166,726	7652640,621	I1076	317680,929	7658574,443
I888	310928,685	7648035,367	I951	306764,649	7649291,222	I1014	314059,570	7652706,502	I1077	317805,284	7658630,006
I889	311162,331	7647739,950	I952	306779,201	7649405,655	I1015	314067,508	7652838,265	I1078	318218,035	7658275,464
I890	311345,998	7647413,635	I953	306859,899	7649475,108	I1016	313919,076	7652938,278	I1079	319490,683	7657569,025
I891	311162,906	7647283,459	I954	307093,448	7649348,074	I1017	313950,032	7653056,547	I1080	319631,898	7657936,621
I892	310989,029	7647460,152	I955	307255,716	7649604,225	I1018	314034,170	7653124,810	I1081	319497,772	7658733,602
I893	310969,829	7647559,821	I956	306869,159	7649766,944	I1019	314487,843	7652823,894	I1082	319098,928	7659228,450
I894	310657,721	7648006,561	I957	306738,984	7649747,100	I1020	314729,267	7652558,469	I1083	318977,509	7659435,989
I895	310544,421	7648033,033	I958	306663,578	7649907,438	I1021	315068,428	7652698,565	I1084	318965,484	7659742,581
I896	310285,527	7647590,422	I959	306874,716	7650029,676	I1022	315152,566	7652502,508	I1085	319079,866	7660085,434
I897	310061,575	7647335,762	I960	307544,855	7649744,634	I1023	314969,279	7652422,933	I1086	319073,513	7660250,619
I898	310098,106	7647007,510	I961	307853,223	7649767,190	I1024	316292,877	7651676,780	I1087	318871,620	7660531,574
I899	309870,448	7647003,274	I962	308299,598	7650051,248	I1025	317022,797	7651521,480	I1088	318890,679	7660945,242
I900	309854,139	7647197,722	I963	308419,251	7650251,906	I1026	318247,215	7651821,709	I1089	319006,449	7661195,843
I901	309655,262	7647079,284	I964	308385,896	7650328,145	I1027	319191,174	7652556,483	I1090	318659,842	7661752,811
I902	309411,183	7646896,060	I965	308448,805	7650425,922	I1028	319058,010	7652779,150	I1091	318771,377	7661835,404
I903	309313,948	7646948,976	I966	308656,503	7650451,719	I1029	318927,649	7652652,792	I1092	318664,783	7661985,764
I904	309282,198	7647058,117	I967	308712,727	7650373,005	I1030	318719,156	7652698,300	I1093	318683,249	7662219,345
I905	309526,277	7647257,217	I968	309087,960	7650295,384	I1031	318689,709	7652927,316	I1094	318778,423	7662284,438
I906	309873,580	7647456,284	I969	310350,023	7649850,211	I1032	318535,006	7652883,509	I1095	319037,980	7662151,088
I907	310113,988	7647729,664	I970	310456,996	7650259,895	I1033	318464,098	7653089,884	I1096	319058,685	7662021,061
I908	310323,645	7648089,683	I971	310432,508	7650440,031	I1034	318749,463	7653219,616	I1097	318966,210	7661947,645
I909	310241,582	7648112,448	I972	310148,711	7650346,346	I1035	318952,061	7653242,912	I1098	319185,751	7661615,158
I910	310016,042	7647914,967	I973	310049,889	7650424,134	I1036	319038,183	7653407,391	I1099	319119,395	7661449,268
I911	309910,965	7647861,372	I974	310083,623	7650544,784	I1037	319641,496	7653747,111	I1100	319248,579	7661203,608
I912	309883,650	7647799,322	I975	310484,203	7650684,220	I1038	319443,058	7654483,977	I1101	319117,279	7660891,592
I913	309645,253	7647725,844	I976	310741,379	7650823,126	I1039	319365,006	7654961,551	I1102	319113,043	7660588,753
I914	309541,665	7647917,084	I977	310956,750	7651036,645	I1040	319238,005	7655173,218	I1103	319290,935	7660319,799
I915	309900,624	7648104,506	I978	311071,844	7651005,557	I1041	319023,404	7655728,730	I1104	319300,113	7660050,844
I916	310128,552	7648310,306	I979	311106,504	7650896,680	I1042	319107,963	7656143,018	I1105	319210,462	7659786,125
I917	310038,300	7648406,543	I980	310886,635	7650654,586	I1043	319220,411	7656186,674	I1106	319197,050	7659493,875
I918	310081,295	7648499,147	I981	310670,207	7650540,170	I1044	319315,661	7656109,945	I1107	319289,599	7659344,382
I919	310182,498	7648544,126	I982	310680,570	7650252,619	I1045	319249,446	7655749,092	I1108	319727,195	7658833,843
I920	310394,137	7648367,539	I983	310567,460	7649779,676	I1046	319280,132	7655670,049	I1109	319864,851	7657911,914
I921	310433,766	7649580,052	I984	311330,634	7649879,716	I1047	319417,257	7655733,391	I1110	319641,782	7657290,706
I922	310073,926	7649686,041	I985	311693,828	7650147,612	I1048	319588,090	7655365,608	I1111	319971,447	7656715,383
I923	309922,537	7649499,614	I986	312051,198	7650899,945	I1049	319446,906	7655275,251	I1112	320349,114	7656338,424
I924	309680,896	7649354,333	I987	311847,525	7651045,749	I1050	319576,090	7655091,712	I1113	320399,940	7656211,359
I925	309678,201	7649243,289	I988	311634,992	7650936,689	I1051	319682,684	7654494,506	I1114	320992,206	7655652,273
I926	309461,242	7649196,987	I989	311549,267	7651000,190	I1052	319845,225	7653856,913	I1115	321365,637	7655679,804
I927	309296,539	7648931,080	I990	311527,042	7651113,961	I1053	320097,903	7653937,611	I1116	321460,230	7655597,918
I928	309115,299	7649019,054	I991	311684,204	7651202,861	I1054	320674,696	7654392,695	I1117	321564,706	7655696,746
I929	309170,861	7649156,638	I992	311709,604	7651262,657	I1055	320941,847	7654866,187	I1118	321606,694	7655890,569
I930	309146,388	7649281,654	I993	311505,875	7651427,228	I1056	320666,758	7654900,696	I1119	321770,073	7656113,020
I931	309838,400	7649755,414	I994	311532,333	7651538,353	I1057	320619,133	7655019,759	I1120	321936,761	7656511,483
I932	309071,635	7649987,506	I995	311642,929	7651578,041	I1058	320718,352	7655211,582	I1121	322148,838	7656842,853
I933	308630,309	7650156,840	I996	311917,038	7651380,132	I1059	320972,353	7655156,020	I1122	321878,471	7657052,510
I934	308454,724	7649881,828	I997	311924,513	7651252,989	I1060	321030,747	7655293,754	I1123	321504,960	7657213,159
I935	307798,457	7649460,455	I998	312197,429	7651075,343	I1061	320209,342	7656094,882	I1124	321541,472	7657390,960
I936	307516,940	7649510,197	I999	312409,097	7651331,438	I1062	320163,457	7656216,299	I1125	322073,303	7657430,883
I937	307093,602	7648863,329	I1000	312845,884	7651227,669	I1063	319761,881	7656609,908	I1126	322332,049	7657324,285
I938	307085,258	7648629,234	I1001	313254,081	7651262,613	I1064	319316,058	7657394,399	I1127	322394,677	7657137,639
I939	307114,362	7648400,368	I1002	314566,560	7651123,902	I1065	319109,682	7657480,389	I1128	322593,193	7657309,203
I940	307092,534	7648192,670	I1003	314655,505	7651196,435	I1066	318603,376	7657803,200	I1129	322813,063	7657652,104
I941	306899,388	7648189,363	I1004	314549,617	7651396,034	I1067	318378,188	7657868,850	I1130	322706,700	7657754,498
I942	306866,315	7648607,405	I1005	314815,221	7651530,163	I1068	318153,212	7657509,493	I1131	322760,675	7657913,248
I943	306879,677	7648837,726	I1006	314977,941	7651446,819	I1069	317978,586	7657582,254	I1132	322966,257	7657871,973
I944	306770,933	7648879,794	I1007	315502,076	7651870,942	I1070	318071,190	7657983,098	I1133	323206,301	7658135,391
I945	306557,017	7648906,385	I1008	314602,908	7652378,460	I1071	317965,931	7658050,976	I1134	323240,895	7658372,037

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I1135	323164,694	7658520,468	I1198	324926,838	7674673,362	I1261	324682,577	7682289,513	I1324	329023,234	7670455,457
I1136	323194,063	7658610,162	I1199	325197,910	7674875,961	I1262	324474,332	7681901,257	I1325	328207,894	7670364,036
I1137	323261,361	7658639,416	I1200	325087,523	7675428,878	I1263	324229,380	7680712,491	I1326	327819,485	7670478,336
I1138	323271,404	7658899,029	I1201	324144,978	7675618,671	I1264	324240,676	7680322,118	I1327	327548,551	7670645,553
I1139	323100,766	7658921,437	I1202	323880,361	7675701,221	I1265	324604,226	7678949,108	I1328	327202,476	7670495,269
I1140	323111,879	7659064,312	I1203	323900,015	7675414,164	I1266	324837,180	7678351,901	I1329	327063,834	7670496,328
I1141	322975,782	7659123,719	I1204	323883,082	7675361,247	I1267	324951,539	7677928,351	I1330	326534,666	7670395,786
I1142	323024,994	7659261,832	I1205	323995,265	7675171,805	I1268	324924,715	7677721,517	I1331	326346,282	7670412,719
I1143	323169,457	7659467,414	I1206	323989,048	7675129,340	I1269	325022,305	7677180,774	I1332	326074,279	7670518,597
I1144	323314,304	7659420,868	I1207	324145,020	7674915,820	I1270	325172,588	7677150,083	I1333	325960,065	7670407,780
I1145	323374,961	7659349,561	I1208	324096,998	7674733,654	I1271	325276,305	7676958,524	I1334	325698,876	7670251,772
I1146	323724,442	7659643,939	I1209	323910,863	7674672,536	I1272	325323,930	7676559,531	I1335	325384,743	7670104,940
I1147	324047,346	7660207,190	I1210	323814,422	7674803,505	I1273	325459,397	7676490,740	I1336	325336,035	7669869,870
I1148	324343,530	7660801,645	I1211	323897,237	7674888,701	I1274	325411,004	7676149,230	I1337	325100,259	7669303,723
I1149	324064,691	7661712,279	I1212	323769,135	7675050,077	I1275	325454,156	7676082,376	I1338	325074,142	7668494,741
I1150	324022,740	7662039,169	I1213	323691,259	7675207,789	I1276	325548,750	7675552,938	I1339	324818,600	7667853,061
I1151	323810,808	7661983,606	I1214	323619,821	7675479,649	I1277	325310,073	7675467,709	I1340	324700,713	7667230,441
I1152	323745,721	7662170,932	I1215	323672,605	7675547,514	I1278	325360,972	7675244,020	I1341	324511,528	7666600,056
I1153	324017,393	7662300,308	I1216	323654,384	7675739,311	I1279	325547,239	7675187,929	I1342	324352,697	7666391,104
I1154	323726,554	7662873,513	I1217	323441,636	7675761,433	I1280	325552,531	7675018,595	I1343	324346,344	7666017,673
I1155	323723,729	7663302,005	I1218	323216,210	7675710,633	I1281	325413,889	7674984,728	I1344	324239,751	7665749,424
I1156	323929,151	7663819,444	I1219	323144,243	7675812,233	I1282	325427,334	7674859,020	I1345	324243,987	7665548,237
I1157	324016,684	7664360,883	I1220	323174,935	7675921,242	I1283	325579,812	7674834,313	I1346	324063,978	7665342,815
I1158	323951,033	7664705,371	I1221	323406,711	7675984,742	I1284	325722,871	7674144,910	I1347	324026,565	7665089,390
I1159	323802,083	7665054,800	I1222	323660,711	7675962,517	I1285	326169,540	7674637,594	I1348	324066,097	7664999,033
I1160	323830,652	7665255,451	I1223	323627,075	7676359,103	I1286	326064,765	7674708,503	I1349	324277,501	7665031,612
I1161	323787,789	7665340,382	I1224	323520,712	7676603,050	I1287	326081,698	7674864,078	I1350	324353,406	7664845,849
I1162	323819,539	7665434,045	I1225	323591,621	7676690,891	I1288	326364,274	7674882,070	I1351	324174,809	7664773,139
I1163	324023,741	7665627,300	I1226	323706,979	7676688,246	I1289	326612,326	7675110,608	I1352	324240,459	7664620,661
I1164	324020,917	7665793,191	I1227	323831,122	7676439,246	I1290	326815,805	7675148,227	I1353	324231,989	7664341,118
I1165	324130,333	7666067,087	I1228	323881,075	7676117,618	I1291	327032,347	7674863,537	I1354	324136,691	7663751,676
I1166	324102,096	7666462,401	I1229	323949,126	7676052,953	I1292	326976,580	7674744,943	I1355	323940,446	7663258,945
I1167	324308,491	7666708,016	I1230	323936,907	7675927,401	I1293	326740,098	7674679,998	I1356	323943,271	7662928,575
I1168	324368,022	7666957,254	I1231	324225,147	7675828,222	I1294	326545,264	7674741,412	I1357	324223,526	7662441,601
I1169	324488,938	7667293,267	I1232	325040,589	7675663,967	I1295	325959,990	7674039,635	I1358	324320,364	7662379,689
I1170	324612,472	7667930,712	I1233	324960,720	7676064,021	I1296	325976,923	7673958,143	I1359	324321,951	7662270,151
I1171	324860,248	7668548,390	I1234	325022,839	7676546,869	I1297	325919,773	7673852,309	I1360	324244,957	7662198,713
I1172	324887,778	7669346,078	I1235	324772,943	7677219,609	I1298	326056,298	7673757,059	I1361	324283,057	7661751,037
I1173	324948,254	7669557,584	I1236	324705,880	7677728,576	I1299	326036,190	7673609,951	I1362	324514,361	7661123,544
I1174	324930,792	7669641,722	I1237	324729,175	7677918,468	I1300	325830,873	7673584,550	I1363	324565,894	7660765,644
I1175	324968,098	7669708,397	I1238	324625,405	7678294,722	I1301	325961,048	7672704,015	I1364	324236,232	7660087,256
I1176	325019,784	7669729,391	I1239	324383,274	7678890,516	I1302	326101,807	7672723,065	I1365	324030,189	7659734,334
I1177	325131,318	7669950,344	I1240	324015,488	7680317,176	I1303	326205,524	7672617,232	I1366	324996,244	7659680,091
I1178	325192,027	7670242,594	I1241	324012,663	7680740,727	I1304	325957,873	7672291,264	I1367	324978,781	7659446,728
I1179	325553,887	7670447,380	I1242	324262,420	7681982,442	I1305	325919,825	7672029,274	I1368	323972,966	7659498,057
I1180	325819,000	7670581,524	I1243	324456,683	7682330,455	I1306	325864,764	7671994,684	I1369	323769,621	7659393,338
I1181	325959,359	7670737,444	I1244	324332,440	7683384,391	I1307	325758,877	7671693,963	I1370	323853,625	7659299,451
I1182	325769,467	7670914,629	I1245	324242,082	7683389,332	I1308	325773,701	7671554,191	I1371	323871,274	7659194,975
I1183	325591,628	7671195,079	I1246	324178,549	7683664,640	I1309	325844,293	7671542,190	I1372	323858,665	7659026,882
I1184	325598,337	7671309,394	I1247	324456,095	7683799,604	I1310	325888,023	7671435,071	I1373	323807,865	7658891,944
I1185	325425,684	7671456,774	I1248	324650,829	7683729,754	I1311	325848,865	7671207,529	I1374	323661,021	7658902,263
I1186	325554,160	7671812,556	I1249	324678,339	7683803,001	I1312	325945,946	7671045,224	I1375	323584,027	7658844,319
I1187	325538,630	7671866,206	I1250	324859,991	7683946,926	I1313	326214,901	7670806,624	I1376	323492,436	7658857,699
I1188	325587,338	7672025,744	I1251	325075,064	7684005,600	I1314	326186,257	7670711,973	I1377	323482,314	7658721,303
I1189	325660,753	7672072,334	I1252	325185,894	7683810,767	I1315	326528,316	7670623,328	I1378	323575,202	7658702,570
I1190	325672,753	7672315,170	I1253	325336,255	7683742,293	I1316	326593,212	7670635,752	I1379	323626,096	7658614,925
I1191	325632,516	7672355,408	I1254	325375,080	7683629,346	I1317	326634,041	7670727,185	I1380	323526,877	7658322,824
I1192	325622,149	7672561,140	I1255	325133,657	7683449,337	I1318	327142,836	7670730,360	I1381	323448,295	7658279,168
I1193	325721,461	7672741,545	I1256	325045,888	7683515,567	I1319	327567,601	7670899,553	I1382	323411,723	7658035,857
I1194	325551,333	7673944,429	I1257	324988,943	7683662,524	I1320	327918,993	7670702,578	I1383	323258,589	7657864,829
I1195	325437,217	7674299,933	I1258	324883,663	7683601,696	I1321	328216,361	7670593,695	I1384	323289,545	7657760,054
I1196	324986,354	7674279,612	I1259	324905,888	7683453,529	I1322	328972,013	7670692,120	I1385	323232,395	7657673,535
I1197	324919,073	7674345,111	I1260	324583,095	7683324,412	I1323	329070,438	7670603,219	I1386	323134,763	7657663,217

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I1387	323057,770	7657540,185	I1450	322783,131	7651387,023	I1513	323009,351	7638719,541	I1576	320566,493	7631899,011
I1388	322995,232	7657529,713	I1451	323049,752	7651261,572	I1514	322950,613	7638652,866	I1577	320552,600	7631805,859
I1389	322762,226	7657125,491	I1452	323212,820	7651081,033	I1515	322616,444	7638648,897	I1578	320283,918	7631530,181
I1390	322376,731	7656785,327	I1453	323484,422	7650991,559	I1516	322306,880	7638469,509	I1579	320641,106	7631074,568
I1391	322124,131	7656384,007	I1454	323416,654	7650768,136	I1517	322229,887	7638455,222	I1580	321030,834	7631043,581
I1392	321962,477	7655999,987	I1455	323079,401	7650900,495	I1518	322129,080	7638305,997	I1581	321270,307	7631408,824
I1393	321805,763	7655794,564	I1456	322806,740	7651116,505	I1519	322087,011	7638142,484	I1582	321399,932	7631525,419
I1394	321763,409	7655591,966	I1457	322026,347	7651460,639	I1520	321986,999	7638129,784	I1583	321730,683	7632396,251
I1395	321419,287	7655227,311	I1458	321762,158	7651413,518	I1521	321887,780	7638176,615	I1584	321632,237	7632564,175
I1396	321466,584	7655182,132	I1459	321561,548	7650882,197	I1522	321908,417	7638363,940	I1585	321320,049	7632537,010
I1397	321490,110	7654905,724	I1460	321475,823	7650465,477	I1523	321979,061	7638493,322	I1586	321236,440	7632646,019
I1398	321212,781	7654864,070	I1461	321169,190	7649297,352	I1524	321610,760	7638505,228	I1587	321366,404	7632835,778
I1399	321076,213	7654543,982	I1462	321197,252	7648708,087	I1525	321571,866	7638368,703	I1588	321453,717	7632902,453
I1400	321208,548	7654468,253	I1463	321581,095	7648133,117	I1526	321452,010	7638332,984	I1589	321542,617	7632889,753
I1401	321282,341	7654340,678	I1464	321742,575	7647774,158	I1527	321406,766	7638092,477	I1590	321618,023	7632785,772
I1402	321148,217	7654225,613	I1465	321571,461	7647148,104	I1528	321464,710	7638024,215	I1591	321933,863	7632792,776
I1403	321343,051	7653781,591	I1466	321659,179	7647092,827	I1529	321435,341	7637921,027	I1592	321902,113	7633043,601
I1404	321736,954	7653466,046	I1467	321748,079	7647183,314	I1530	321321,041	7637840,858	I1593	321720,100	7633046,069
I1405	321896,511	7653271,389	I1468	321891,748	7647138,071	I1531	321271,035	7637592,414	I1594	321639,666	7633007,969
I1406	322513,464	7652856,840	I1469	321882,223	7646934,076	I1532	321114,064	7637395,578	I1595	321527,483	7633028,078
I1407	322408,989	7652666,242	I1470	321989,295	7646815,875	I1533	320971,790	7637313,807	I1596	321499,966	7633200,586
I1408	322194,168	7652803,076	I1471	322008,884	7646727,459	I1534	320827,327	7636874,862	I1597	321571,933	7633273,611
I1409	322072,724	7652755,451	I1472	321629,808	7645825,825	I1535	320076,736	7636332,598	I1598	322029,134	7633284,195
I1410	321981,442	7652821,332	I1473	321557,276	7645426,099	I1536	319885,938	7636254,149	I1599	322043,795	7633407,430
I1411	321986,205	7652938,807	I1474	321261,510	7645347,367	I1537	319866,888	7636158,105	I1600	321922,030	7633418,392
I1412	321736,173	7653099,939	I1475	321094,028	7645241,004	I1538	319772,465	7636122,254	I1601	321874,405	7633514,436
I1413	321622,667	7653085,651	I1476	321038,956	7644890,306	I1539	319666,863	7636166,042	I1602	321917,268	7633620,798
I1414	321543,292	7653168,201	I1477	321187,200	7644403,753	I1540	319354,125	7635973,161	I1603	322083,955	7633674,774
I1415	321575,835	7653308,695	I1478	321154,353	7644331,365	I1541	319233,115	7635728,240	I1604	322113,324	7633975,605
I1416	321165,866	7653641,113	I1479	321244,047	7644232,146	I1542	319012,811	7635587,397	I1605	322537,188	7635016,214
I1417	320865,647	7654237,536	I1480	321182,134	7644097,208	I1543	319074,724	7635451,666	I1606	322668,156	7635028,914
I1418	320202,947	7653725,056	I1481	321028,940	7644108,321	I1544	319023,924	7635218,303	I1607	322734,832	7634927,314
I1419	319547,800	7653430,139	I1482	321018,310	7644053,793	I1545	318928,674	7635094,478	I1608	322327,485	7633906,435
I1420	319516,050	7653326,158	I1483	321258,675	7643672,598	I1546	318969,851	7634930,084	I1609	322285,759	7633410,844
I1421	319439,850	7653284,883	I1484	321301,797	7643265,900	I1547	319127,112	7635095,271	I1610	322484,726	7633308,185
I1422	319338,249	7653314,252	I1485	321229,029	7642772,023	I1548	319245,381	7635073,840	I1611	322702,743	7633542,077
I1423	319135,610	7653117,246	I1486	321052,753	7642605,749	I1549	319292,212	7634960,334	I1612	322900,726	7633578,730
I1424	319269,029	7652904,942	I1487	321105,873	7642276,577	I1550	319072,343	7634691,252	I1613	322939,620	7633860,511
I1425	320173,310	7652851,470	I1488	321031,395	7642198,229	I1551	319112,824	7634387,245	I1614	323088,845	7633935,124
I1426	320150,544	7653031,479	I1489	321063,316	7641793,621	I1552	319027,893	7634296,757	I1615	323380,505	7633967,344
I1427	320361,260	7653070,128	I1490	321047,991	7641278,596	I1553	318854,061	7634367,401	I1616	323584,146	7633950,205
I1428	320386,144	7652888,002	I1491	321185,088	7640942,814	I1554	318746,013	7634255,395	I1617	323594,465	7634121,656
I1429	320452,324	7652896,473	I1492	321065,965	7640841,691	I1555	318996,936	7633972,113	I1618	323665,902	7634190,712
I1430	320608,509	7652801,704	I1493	321117,479	7640720,890	I1556	319050,912	7633874,481	I1619	323988,402	7634223,484
I1431	320857,875	7652538,044	I1494	321248,016	7640769,802	I1557	319027,099	7633759,388	I1620	324008,803	7634586,000
I1432	321024,476	7652851,362	I1495	321347,235	7640716,620	I1558	318779,448	7633698,269	I1621	324115,959	7634637,594
I1433	321213,118	7652811,600	I1496	321377,397	7640567,395	I1559	318678,642	7633369,655	I1622	324223,910	7634582,825
I1434	321170,773	7652576,693	I1497	321225,791	7640448,332	I1560	318707,217	7633302,980	I1623	324219,338	7634289,526
I1435	321018,824	7652387,684	I1498	321322,214	7640240,779	I1561	318596,886	7632792,598	I1624	324358,054	7634274,056
I1436	321726,685	7651628,999	I1499	321390,891	7639840,318	I1562	318815,167	7632644,167	I1625	324399,329	7634355,812
I1437	321935,283	7651664,472	I1500	321334,535	7639718,081	I1563	318760,398	7632483,035	I1626	324492,325	7634463,430
I1438	321886,574	7652248,443	I1501	321515,510	7639453,761	I1564	318641,381	7632439,556	I1627	324716,278	7634429,016
I1439	322045,405	7652465,513	I1502	321459,154	7639237,067	I1565	318714,724	7632072,905	I1628	324810,492	7634325,650
I1440	322218,003	7652326,271	I1503	321409,941	7639183,092	I1566	319111,560	7632187,258	I1629	324899,392	7634321,681
I1441	322111,586	7652186,499	I1504	321417,085	7638938,617	I1567	319219,497	7631997,701	I1630	324987,499	7634412,963
I1442	322126,410	7652065,787	I1505	321586,154	7638874,323	I1568	319428,783	7632067,022	I1631	325112,911	7634451,856
I1443	322259,829	7652087,494	I1506	321601,235	7638733,035	I1569	319432,751	7632227,095	I1632	325186,730	7634525,675
I1444	322308,537	7651899,014	I1507	322008,430	7638720,335	I1570	319628,543	7632231,064	I1633	325321,668	7634486,781
I1445	322142,294	7651837,070	I1508	322098,918	7638767,166	I1571	319671,890	7632059,436	I1634	325354,212	7634219,287
I1446	322150,236	7651654,413	I1509	322225,918	7638683,029	I1572	320037,326	7632065,170	I1635	325265,312	7634150,231
I1447	322526,750	7651505,292	I1510	322559,293	7638872,735	I1573	320117,759	7631829,161	I1636	325108,943	7634194,681
I1448	322634,700	7651565,617	I1511	322922,832	7638876,704	I1574	320333,660	7631988,970	I1637	325027,186	7634101,018
I1449	322775,194	7651479,892	I1512	322998,238	7638817,173	I1575	320465,951	7631981,561	I1638	324692,223	7634102,606

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I1639	324631,104	7633970,843	I1702	325822,187	7643112,075	I1765	327558,386	7636153,784	I1828	328221,375	7632832,735
I1640	324528,857	7633932,403	I1703	325582,739	7643608,170	I1766	327569,499	7635952,172	I1829	328380,919	7632815,273
I1641	324455,265	7633952,521	I1704	325816,895	7643973,296	I1767	327652,408	7635923,820	I1830	328413,463	7632697,798
I1642	324370,026	7633695,744	I1705	326003,427	7643897,889	I1768	327699,219	7635824,517	I1831	328357,900	7632615,247
I1643	324577,566	7633611,034	I1706	325968,936	7643356,770	I1769	327585,171	7635340,908	I1832	328148,720	7632559,004
I1644	324601,920	7633548,031	I1707	326194,038	7643213,272	I1770	327537,822	7635218,620	I1833	328102,130	7632399,466
I1645	324885,105	7633594,605	I1708	326311,044	7643245,038	I1771	327581,479	7634710,619	I1834	328212,959	7632259,695
I1646	324954,955	7633705,730	I1709	326371,400	7643137,033	I1772	327669,004	7634334,716	I1835	328188,959	7631925,796
I1647	325124,818	7633712,874	I1710	326343,340	7642995,673	I1773	328331,574	7634457,942	I1836	328105,480	7631765,220
I1648	325687,249	7633938,159	I1711	326632,943	7642849,019	I1774	328416,241	7634873,338	I1837	328215,079	7631442,948
I1649	325605,037	7634173,249	I1712	326742,439	7642733,175	I1775	328509,830	7635021,895	I1838	328189,666	7631199,406
I1650	325674,094	7634286,756	I1713	327171,565	7643092,232	I1776	328413,170	7635121,909	I1839	328391,558	7631212,819
I1651	326052,375	7634196,393	I1714	327347,513	7642981,106	I1777	328483,171	7635311,591	I1840	328388,029	7631335,649
I1652	326142,407	7634795,551	I1715	327339,576	7642817,064	I1778	328688,762	7635222,589	I1841	328528,506	7631353,297
I1653	326319,414	7634799,520	I1716	327176,856	7642778,700	I1779	328757,835	7635327,579	I1842	328631,570	7631493,775
I1654	326401,964	7634620,925	I1717	326942,700	7642540,574	I1780	328861,591	7635391,085	I1843	328478,385	7631690,020
I1655	326540,871	7634624,894	I1718	327222,343	7642368,124	I1781	328932,253	7635373,196	I1844	328649,217	7631831,203
I1656	327080,622	7634589,175	I1719	327687,297	7641999,078	I1782	329212,217	7635580,710	I1845	328776,989	7631656,136
I1657	327154,179	7634540,981	I1720	327864,235	7642090,075	I1783	329149,138	7635741,173	I1846	328953,468	7631818,497
I1658	327180,031	7634239,785	I1721	327819,183	7642333,075	I1784	329324,553	7636861,199	I1847	329091,122	7631651,195
I1659	327446,541	7634302,631	I1722	327868,214	7642659,637	I1785	329533,975	7637134,340	I1848	328919,584	7631491,657
I1660	327343,883	7634696,332	I1723	328360,340	7642745,627	I1786	329600,254	7637663,375	I1849	329234,424	7631153,523
I1661	327204,050	7636354,023	I1724	328748,212	7642728,536	I1787	329513,867	7637744,999	I1850	329069,946	7631001,045
I1662	327234,262	7636575,053	I1725	328780,003	7642863,321	I1788	329652,509	7638175,742	I1851	328813,697	7631272,823
I1663	327360,686	7636862,513	I1726	328584,972	7643024,498	I1789	329494,817	7638342,959	I1852	328582,157	7631017,280
I1664	327356,244	7637865,113	I1727	328683,040	7643537,371	I1790	329533,975	7638443,501	I1853	328030,129	7630952,335
I1665	326997,469	7637893,688	I1728	328670,697	7644045,263	I1791	329635,576	7638490,068	I1854	327951,772	7631034,221
I1666	326953,019	7637997,405	I1729	328881,835	7644072,250	I1792	329746,965	7638409,634	I1855	327992,009	7631396,357
I1667	327005,935	7638097,947	I1730	329362,848	7643850,000	I1793	329831,368	7638481,601	I1856	327766,821	7631495,891
I1668	327382,029	7638096,946	I1731	329643,836	7643197,536	I1794	330039,860	7638557,272	I1857	327683,522	7631784,611
I1669	327436,922	7638737,255	I1732	329232,673	7643022,911	I1795	330161,304	7638703,322	I1858	327738,583	7631895,440
I1670	327375,507	7638801,317	I1733	329232,546	7642623,368	I1796	330252,585	7638714,435	I1859	327885,618	7631873,090
I1671	327432,686	7638952,207	I1734	329147,815	7642066,051	I1797	330335,929	7638639,028	I1860	327947,523	7632187,496
I1672	326938,014	7639277,105	I1735	328995,680	7641982,707	I1798	330313,704	7638539,016	I1861	327777,660	7632223,215
I1673	326343,454	7639540,234	I1736	328975,367	7641624,481	I1799	330179,560	7638332,640	I1862	327712,573	7632367,148
I1674	326212,629	7639462,817	I1737	328882,716	7641228,990	I1800	329908,891	7638255,646	I1863	327817,083	7632438,586
I1675	326060,229	7639567,063	I1738	328663,529	7640955,270	I1801	329877,935	7637755,583	I1864	327634,812	7632570,298
I1676	326140,404	7639709,948	I1739	328418,929	7640800,144	I1802	329828,722	7637309,494	I1865	327549,396	7632536,413
I1677	325914,873	7640582,789	I1740	328229,709	7640395,204	I1803	329682,672	7636712,593	I1866	327443,508	7632595,004
I1678	325918,126	7640748,018	I1741	328455,929	7640272,172	I1804	329553,290	7636689,574	I1867	327449,861	7632672,655
I1679	325654,910	7640853,509	I1742	328412,272	7640036,692	I1805	329523,921	7636340,324	I1868	327237,917	7632813,685
I1680	325741,694	7641064,118	I1743	328182,579	7639872,135	I1806	329428,671	7635925,192	I1869	326988,679	7633181,192
I1681	326261,925	7640963,919	I1744	327746,241	7638928,740	I1807	329392,952	7635834,704	I1870	327058,529	7633282,793
I1682	326206,892	7640510,951	I1745	328263,034	7638443,786	I1808	329491,378	7635787,873	I1871	327172,829	7633293,905
I1683	326429,143	7639861,134	I1746	328460,133	7638862,716	I1809	329745,378	7635800,573	I1872	327408,212	7632964,905
I1684	327064,549	7639493,645	I1747	328636,742	7638797,232	I1810	329815,419	7635668,670	I1873	327826,822	7632712,893
I1685	327539,866	7639166,865	I1748	328646,003	7638413,585	I1811	329957,310	7635595,785	I1874	327975,064	7632756,660
I1686	328043,029	7640262,234	I1749	328537,524	7638043,168	I1812	330003,347	7635444,972	I1875	328053,893	7633071,655
I1687	327973,672	7640411,536	I1750	328014,309	7638266,741	I1813	330033,510	7635000,471	I1876	328054,832	7633242,332
I1688	328057,730	7640696,829	I1751	327804,979	7638485,827	I1814	329924,766	7634943,321	I1877	328119,422	7634018,253
I1689	328017,258	7640877,598	I1752	327639,979	7638404,855	I1815	329816,816	7634993,327	I1878	327588,020	7633966,734
I1690	328128,384	7640986,077	I1753	327605,612	7638032,367	I1816	329792,209	7635217,165	I1879	327461,020	7634044,522
I1691	328225,588	7640921,772	I1754	327780,637	7637967,771	I1817	329687,434	7635286,222	I1880	326782,677	7633876,287
I1692	328684,177	7641326,407	I1755	327904,462	7637753,988	I1818	329551,703	7635448,147	I1881	326169,587	7633600,448
I1693	328750,940	7641644,039	I1756	327839,904	7637652,387	I1819	329443,752	7635356,072	I1882	325769,861	7633692,040
I1694	328129,138	7641963,271	I1757	327587,035	7637647,219	I1820	329445,340	7635274,315	I1883	325249,019	7633467,172
I1695	327686,528	7641707,022	I1758	327604,227	7637341,656	I1821	329348,502	7635187,796	I1884	325442,451	7632924,811
I1696	327600,229	7641714,434	I1759	327590,739	7637044,249	I1822	329191,339	7635271,934	I1885	325363,869	7632818,448
I1697	327092,497	7642178,751	I1760	327683,644	7637000,168	I1823	328918,289	7635121,915	I1886	325238,456	7632853,373
I1698	326807,659	7642317,463	I1761	327703,762	7636878,397	I1824	328614,282	7634701,227	I1887	325042,139	7633377,854
I1699	326468,288	7642674,833	I1762	327472,928	7636506,202	I1825	328537,288	7634306,732	I1888	324885,700	7633310,314
I1700	326189,274	7642733,600	I1763	327630,701	7636407,726	I1826	328353,138	7634052,732	I1889	324866,640	7633219,250
I1701	326106,681	7642930,022	I1764	327684,174	7636203,893	I1827	328277,902	7633041,852	I1890	324766,576	7633163,659

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I1891	324669,337	7633226,436	I1954	320590,306	7628233,952	I2017	319526,006	7627437,598	I2080	313614,570	7618081,388
I1892	324566,149	7633164,524	I1955	320447,430	7628256,177	I2018	319481,556	7627313,773	I2081	313481,513	7618083,860
I1893	324558,211	7633085,148	I1956	320275,980	7627787,334	I2019	319325,351	7627321,798	I2082	312874,099	7617395,694
I1894	324324,055	7632900,998	I1957	320143,688	7627267,691	I2020	319262,481	7627169,310	I2083	312892,878	7617296,574
I1895	323963,691	7632687,479	I1958	320293,972	7627254,991	I2021	319075,155	7627155,023	I2084	312730,922	7617127,727
I1896	323654,128	7632674,779	I1959	320468,616	7627431,732	I2022	319145,434	7626897,405	I2085	312288,921	7616911,252
I1897	323615,578	7632493,388	I1960	320442,345	7627511,425	I2023	319325,351	7626963,022	I2086	312194,539	7616724,235
I1898	323497,514	7632453,151	I1961	320496,320	7627611,967	I2024	319422,718	7626809,563	I2087	312084,310	7616725,492
I1899	323315,990	7632563,654	I1962	320938,050	7628281,658	I2025	319056,105	7626370,796	I2088	312027,094	7616779,401
I1900	323187,942	7632380,240	I1963	321030,525	7628292,247	I2026	319155,409	7626252,402	I2089	312023,125	7616848,192
I1901	323389,780	7632288,001	I1964	321283,243	7628629,676	I2027	319121,674	7626136,647	I2090	311624,209	7616958,798
I1902	323369,735	7632067,791	I1965	321243,712	7628708,739	I2028	318999,304	7626105,558	I2091	311135,689	7616757,105
I1903	323117,552	7632101,690	I1966	321285,361	7628819,568	I2029	318861,721	7626227,928	I2092	311175,962	7616510,929
I1904	322952,452	7631753,233	I1967	321411,014	7628827,333	I2030	318747,295	7626159,665	I2093	311119,912	7616277,760
I1905	323215,184	7631716,721	I1968	321423,720	7629113,936	I2031	318621,642	7625821,530	I2094	310704,516	7616330,676
I1906	323270,746	7631611,946	I1969	321295,949	7629132,289	I2032	318654,022	7625677,594	I2095	310678,290	7616635,875
I1907	323162,002	7631353,976	I1970	321180,884	7629053,933	I2033	318622,272	7625579,698	I2096	309795,187	7616678,758
I1908	322956,421	7630936,463	I1971	321077,114	7629233,235	I2034	318755,887	7625385,229	I2097	309786,715	7616901,122
I1909	322846,883	7630915,825	I1972	321181,590	7629328,535	I2035	318734,059	7625293,286	I2098	310056,813	7616907,078
I1910	322756,395	7630995,201	I1973	321266,788	7629623,862	I2036	318654,022	7625244,338	I2099	310057,607	7617127,741
I1911	322803,227	7631166,651	I1974	321478,455	7629549,779	I2037	318289,452	7625318,916	I2100	310525,359	7617208,528
I1912	322927,052	7631434,145	I1975	321407,484	7629338,418	I2038	318249,625	7624986,429	I2101	310488,825	7617408,347
I1913	322352,704	7631525,353	I1976	321547,255	7629313,005	I2039	318495,934	7624808,436	I2102	310690,227	7617577,798
I1914	322193,166	7631485,821	I1977	322020,925	7630071,161	I2040	318613,673	7624800,498	I2103	310828,340	7617603,992
I1915	322440,238	7630981,796	I1978	322064,691	7630285,055	I2041	318673,205	7624723,769	I2104	310932,321	7617530,173
I1916	322232,700	7629954,685	I1979	321812,679	7630308,349	I2042	318649,392	7624622,566	I2105	311175,960	7617687,341
I1917	322029,460	7629546,358	I1980	321841,621	7630522,243	I2043	318531,171	7624547,284	I2106	311291,907	7617677,811
I1918	321903,038	7629429,482	I1981	322048,898	7630516,039	I2044	318317,387	7624600,201	I2107	311505,270	7618059,536
I1919	321936,216	7629339,831	I1982	322148,382	7630788,031	I2045	318317,394	7624430,871	I2108	311323,143	7618343,844
I1920	321616,436	7628610,617	I1983	321991,748	7631365,883	I2046	318237,626	7624385,692	I2109	311498,387	7618460,321
I1921	321512,667	7628565,438	I1984	321842,523	7631229,357	I2047	317910,788	7622892,676	I2110	311615,776	7618353,075
I1922	321362,306	7628357,192	I1985	321561,005	7631250,524	I2048	317745,887	7622530,756	I2111	311735,598	7618699,369
I1923	321401,838	7628261,187	I1986	321365,213	7630699,131	I2049	317753,114	7622375,587	I2112	311835,610	7618885,900
I1924	321322,775	7628158,123	I1987	321244,563	7630662,089	I2050	317655,880	7622044,196	I2113	312211,690	7618672,567
I1925	321222,535	7628177,889	I1988	319864,409	7630667,638	I2051	315389,257	7620584,499	I2114	312405,294	7618800,751
I1926	321099,706	7627979,526	I1989	319914,680	7630241,658	I2052	314915,433	7620350,438	I2115	312541,641	7618699,013
I1927	321087,705	7627869,402	I1990	319906,604	7629538,354	I2053	314865,426	7620411,160	I2116	312806,633	7619051,265
I1928	320945,906	7627761,934	I1991	319663,062	7629527,059	I2054	314541,245	7620210,143	I2117	312953,479	7619210,936
I1929	320941,581	7627573,622	I1992	319604,752	7630158,930	I2055	314630,939	7620002,974	I2118	312667,727	7619455,285
I1930	320813,104	7627546,092	I1993	319469,814	7630218,462	I2056	314765,083	7620029,167	I2119	312693,920	7619571,173
I1931	320710,040	7627312,433	I1994	319484,101	7630382,768	I2057	315081,790	7619625,941	I2120	312782,027	7619618,004
I1932	320510,607	7627067,453	I1995	319632,533	7630401,025	I2058	314945,264	7619410,041	I2121	312941,571	7619534,660
I1933	320261,077	7626953,120	I1996	319596,020	7630759,800	I2059	314962,727	7619285,422	I2122	313082,464	7619672,738
I1934	320173,544	7626601,572	I1997	319158,663	7630847,113	I2060	314857,158	7619222,716	I2123	313198,746	7619598,160
I1935	319980,829	7626480,860	I1998	319171,363	7630465,318	I2061	314760,320	7619261,610	I2124	313397,978	7619891,054
I1936	320023,890	7626360,854	I1999	319009,438	7630069,236	I2062	314612,881	7619671,913	I2125	313262,247	7620225,224
I1937	319441,509	7625548,342	I2000	319303,491	7629630,469	I2063	314450,951	7619857,546	I2126	313268,596	7620336,349
I1938	319459,019	7625469,234	I2001	319334,876	7629288,185	I2064	314365,149	7620035,368	I2127	313485,291	7620497,481
I1939	319392,211	7625385,229	I2002	319734,373	7628705,321	I2065	313944,610	7619668,137	I2128	313387,396	7620770,482
I1940	319325,739	7625383,863	I2003	319758,058	7628542,673	I2066	313562,550	7619542,195	I2129	313010,988	7620632,080
I1941	319081,325	7625156,364	I2004	319623,120	7628407,736	I2067	313722,358	7619273,516	I2130	312905,100	7620626,256
I1942	318978,257	7625153,970	I2005	319347,576	7628462,683	I2068	313698,545	7619159,745	I2131	312770,623	7620748,026
I1943	318917,283	7625222,510	I2006	319293,601	7628308,695	I2069	313027,297	7618756,381	I2132	312754,209	7621071,513
I1944	318929,851	7625315,114	I2007	319338,051	7628215,033	I2070	313182,541	7618568,598	I2133	313204,039	7621163,962
I1945	319183,143	7625548,341	I2008	319300,581	7628056,724	I2071	313304,778	7618655,911	I2134	313122,698	7621558,597
I1946	319531,970	7626083,414	I2009	319469,814	7627989,607	I2072	313430,558	7618597,118	I2135	312726,835	7621902,209
I1947	319543,612	7626183,956	I2010	319609,514	7628115,020	I2073	313503,980	7618667,233	I2136	312833,594	7622024,050
I1948	319711,887	7626577,657	I2011	319761,914	7628048,345	I2074	313592,946	7618655,657	I2137	313344,373	7622296,704
I1949	320068,546	7627891,051	I2012	319685,714	7627727,669	I2075	313649,583	7618588,860	I2138	313631,315	7622360,601
I1950	320318,314	7628542,986	I2013	319596,586	7627676,880	I2076	313640,059	7618516,893	I2139	313838,247	7622330,997
I1951	320420,972	7628587,436	I2014	319307,889	7627710,207	I2077	313549,156	7618397,920	I2140	314046,050	7622540,386
I1952	320669,681	7628393,760	I2015	319299,951	7627564,156	I2078	313686,008	7618229,422	I2141	314409,748	7622518,323
I1953	320651,689	7628292,160	I2016	319465,681	7627537,611	I2079	313684,024	7618130,997	I2142	314412,604	7622128,138

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
I2143	314671,896	7622065,167	I2206	314934,496	7625363,998	G40	291194,027	7603837,892	G103	288528,872	7599822,724
I2144	314914,574	7622773,911	I2207	315368,865	7625230,969	G41	290827,796	7603649,772	G104	288475,955	7599898,924
I2145	314593,898	7622827,886	I2208	315491,102	7624970,618	G42	289060,542	7603675,033	G105	288816,739	7601159,401
I2146	314184,130	7623132,707	I2209	315811,778	7625086,506	G43	288990,412	7603644,902	G106	287863,179	7601337,202
I2147	313910,292	7623128,794	I2210	315737,165	7625289,706	G44	288903,099	7603680,621	G107	287788,037	7601457,852
I2148	313856,713	7623223,383	I2211	315940,366	7625499,257	G45	287766,712	7603688,558	G108	287833,546	7601572,152
I2149	313905,451	7623495,166	I2212	316395,979	7625454,807	G46	287717,764	7603468,954	G109	287949,963	7601589,085
I2150	313333,498	7623814,622	I2213	316376,929	7624869,018	G47	288022,035	7603335,339	G110	288010,288	7601544,635
I2151	312109,054	7624078,329	I2214	316241,991	7624792,818	G48	288063,046	7603245,380	G111	288874,948	7601379,535
I2152	311777,563	7624360,118	I2215	316311,786	7624453,081	G49	288002,191	7603143,516	G112	288994,910	7601817,951
I2153	311096,756	7623826,555	I2216	314790,952	7624580,849	G50	288896,485	7602906,713	G113	288943,052	7601912,142
I2154	311053,629	7623571,231	I2217	313415,365	7624899,185	G51	288962,102	7603131,345	G114	288966,335	7602003,159
I2155	310996,959	7623468,255	I2218	313197,318	7624861,259	G52	289041,477	7603195,903	G115	288863,412	7602656,681
I2156	310687,842	7623397,267	I2219	313059,546	7625016,570	G53	289288,069	7603182,145	G116	288641,162	7602656,681
I2157	310347,670	7623410,311	I2220	312614,282	7624993,769	G54	289357,919	7603069,961	G117	288567,078	7602754,577
I2158	310195,187	7623555,885	I2221	312623,171	7624860,200	G55	289278,544	7602966,244	G118	287327,503	7603078,693
I2159	310285,145	7623711,990	I2222	312543,501	7624691,479	G56	289202,344	7602964,128	G119	287110,438	7602289,439
I2160	310444,565	7623643,882	I2223	312295,465	7624620,578	G57	289090,160	7602678,377	G120	287062,786	7602240,418
I2161	310692,605	7623682,356	I2224	312298,595	7624334,167	G58	289194,935	7601989,401	G121	286947,057	7602256,763
I2162	310675,671	7624158,078	I2225	312832,299	7624227,535	G59	289408,719	7602078,301	G122	286575,582	7601382,578
I2163	311012,222	7624451,237	I2226	313137,291	7624513,682	G60	289635,203	7602136,509	G123	285934,230	7599765,441
I2164	310609,359	7624918,672	I2227	314063,480	7624133,551	G61	289710,345	7602047,609	G124	287480,458	7599199,232
I2165	310497,611	7625137,703	I2228	314003,819	7623980,301	G62	289697,645	7601937,542	G125	287571,475	7599229,923
I2166	309890,029	7625184,096	I2229	314387,359	7623814,813	G63	289387,553	7601820,067	G126	287657,201	7599168,540
I2167	309905,558	7625534,231	G1	289552,157	7611983,263	G64	290074,042	7601501,244	G127	288554,669	7599044,715
I2168	309436,365	7625614,086	G2	288985,947	7611675,287	G65	290640,251	7601961,620	G128	288598,061	7598931,473
I2169	309471,418	7625824,363	G3	288392,221	7610081,434	G66	290676,235	7602554,287	G129	288534,561	7598827,756
I2170	308888,147	7625891,370	G4	287945,604	7607162,544	G67	290727,035	7602610,379	G130	287546,075	7598960,048
I2171	308531,842	7625540,582	G5	287978,941	7606978,659	G68	290837,102	7602610,379	G131	287441,300	7598809,764
I2172	308353,950	7625683,883	G6	288180,025	7606901,400	G69	290898,485	7602532,062	G132	287324,883	7598834,106
I2173	308672,319	7626041,784	G7	288184,258	7606776,517	G70	290865,677	7601999,720	G133	287273,025	7598919,831
I2174	308537,488	7626340,387	G8	288731,418	7606654,808	G71	292125,096	7601685,394	G134	287311,125	7599022,490
I2175	308750,675	7626422,980	G9	289010,818	7606868,592	G72	292713,530	7601008,059	G135	285852,739	7599549,541
I2176	308898,212	7626135,671	G10	289118,768	7606818,850	G73	292692,364	7600912,809	G136	285689,755	7599153,723
I2177	309699,802	7626023,855	G11	289148,402	7606716,191	G74	292607,697	7600854,601	G137	286902,607	7597942,987
I2178	309870,283	7626395,138	G12	288882,760	7606465,366	G75	292516,680	7600891,642	G138	288166,260	7597538,703
I2179	309688,134	7626484,396	G13	288843,601	7606346,832	G76	291993,862	7601488,543	G139	288204,360	7597734,495
I2180	309743,901	7626693,348	G14	288588,542	7606324,607	G77	291565,236	7601597,552	G140	288256,218	7597790,587
I2181	309938,028	7626660,876	G15	288478,475	7606474,891	G78	291534,545	7601525,585	G141	288292,202	7598168,413
I2182	310021,326	7626926,301	G16	288161,239	7606546,593	G79	291601,220	7601431,393	G142	288401,210	7598208,630
I2183	310231,690	7626862,769	G17	288211,510	7606165,593	G80	291570,528	7601342,493	G143	288736,703	7598089,038
I2184	310136,322	7626487,671	G18	288121,816	7606071,665	G81	291492,211	7601294,868	G144	288724,565	7597900,702
I2185	310190,041	7626324,154	G19	287988,466	7606113,999	G82	291409,661	7601323,443	G145	288637,219	7597842,446
I2186	310204,717	7626147,487	G20	287947,191	7606466,424	G83	291159,894	7601476,902	G146	288484,819	7597875,254
I2187	310410,034	7626134,787	G21	287842,416	7606472,774	G84	291128,144	7601701,269	G147	288469,405	7597716,836
I2188	310627,071	7626275,754	G22	287719,649	7605669,498	G85	290784,185	7601786,994	G148	288822,428	7597353,495
I2189	310700,625	7626285,808	G23	287626,515	7604237,570	G86	290387,309	7601465,260	G149	289312,966	7597403,766
I2190	310778,413	7626235,537	G24	287533,382	7603923,244	G87	290510,076	7601338,260	G150	289826,524	7597308,515
I2191	310901,179	7625686,791	G25	287812,817	7603920,900	G88	290494,201	7601225,018	G151	290306,743	7597541,878
I2192	310883,188	7625614,824	G26	288115,007	7604254,111	G89	290205,275	7601078,968	G152	290401,200	7597460,916
I2193	310698,508	7625460,307	G27	288273,390	7604144,965	G90	290170,350	7601011,234	G153	290395,644	7597341,853
I2194	310808,046	7625030,622	G28	288344,827	7604310,330	G91	290246,550	7600901,167	G154	290001,149	7597139,446
I2195	311174,946	7624633,935	G29	288536,273	7604305,144	G92	290211,625	7600793,217	G155	290027,343	7596772,733
I2196	311477,630	7624858,302	G30	288515,484	7603909,486	G93	290121,667	7600762,525	G156	290116,082	7596786,472
I2197	311855,720	7624826,685	G31	290752,359	7603883,531	G94	290094,150	7600580,492	G157	290165,456	7596871,158
I2198	312170,967	7625123,744	G32	290808,103	7604130,413	G95	290019,008	7600537,100	G158	290294,043	7596876,714
I2199	312098,157	7625249,698	G33	291034,322	7604172,747	G96	289919,525	7600552,975	G159	290336,112	7596800,514
I2200	312257,965	7625361,882	G34	291050,197	7604270,643	G97	289879,308	7600636,583	G160	291199,714	7596950,533
I2201	312381,625	7625217,575	G35	291296,260	7604319,591	G98	289945,983	7601163,635	G161	291298,933	7597014,827
I2202	312914,134	7625518,515	G36	291415,323	7604084,111	G99	290001,017	7601286,401	G162	291268,770	7597766,510
I2203	313541,506	7625292,579	G37	291400,771	7603979,601	G100	289188,586	7601656,025	G163	291203,479	7597820,087
I2204	313911,086	7625398,923	G38	291460,195	7603694,802	G101	288701,381	7599856,590	G164	291204,476	7597918,910
I2205	314168,786	7625213,668	G39	291249,958	7603634,319	G102	288623,064	7599797,323	G165	291260,039	7597967,329

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE
G166	291250,514	7598268,161
G167	291348,939	7598318,961
G168	291705,334	7598222,917
G169	291733,909	7598123,698
G170	291690,252	7597997,492
G171	291479,908	7597976,854
G172	291518,008	7597073,565
G173	291577,540	7597075,946
G174	291952,984	7597037,846
G175	292045,059	7596991,015
G176	292079,984	7596688,595
G177	291983,147	7596631,445
G178	291894,247	7596648,114
G179	291555,315	7596853,696
G180	291374,339	7596642,558
G181	291405,296	7596404,432
G182	291315,602	7596343,314
G183	291218,764	7596363,157
G184	290615,513	7596142,494
G185	290762,886	7595762,287
G186	290795,694	7595446,903
G187	291130,128	7593715,467
G188	291188,337	7593656,200
G189	291172,462	7593517,558
G190	291264,537	7593330,232
G191	291336,504	7593109,040
G192	291268,770	7593023,315
G193	291144,945	7593012,732
G194	290958,678	7593407,491
G195	290595,669	7595301,911
G196	290433,744	7595251,111
G197	290357,543	7595330,486
G198	290360,718	7595441,612
G199	290556,510	7595558,029
G200	290535,344	7595736,887
G201	290356,750	7596183,769
G202	289838,430	7596197,263
G203	289779,692	7596126,619
G204	289642,373	7596132,175
G205	289155,936	7595887,568
G206	289110,427	7595489,634
G207	289151,702	7595397,558
G208	289089,261	7595297,017
G209	288978,135	7595297,017
G210	288785,518	7594950,941
G211	288493,418	7594809,124
G212	288427,801	7594403,781
G213	288432,034	7594055,589
G214	288727,310	7593971,981
G215	289218,378	7593755,022
G216	289210,969	7593636,488
G217	289117,836	7593549,705
G218	288625,710	7593770,897
G219	288381,234	7593833,339
G220	288250,001	7593579,338
G221	288271,167	7593364,496
G222	288173,800	7593299,938
G223	288053,150	7593338,038
G224	288025,634	7593628,022
G225	288210,842	7593991,031
G226	288205,551	7594441,882
G227	288300,801	7594985,866
G228	288637,351	7595134,033
G229	288816,210	7595465,292
G230	288160,042	7595448,359
G231	288098,659	7595539,375
G232	288130,409	7595664,259
G233	288906,169	7595694,951
G234	288946,385	7596029,385
G235	289330,299	7596245,756
G236	289340,351	7596487,379
G237	288867,275	7596803,822
G238	288812,241	7596517,013
G239	288690,533	7596491,613
G240	288601,633	7596561,463
G241	288621,056	7596686,288
G242	287968,748	7596729,738
G243	287929,590	7596839,805
G244	287985,681	7596945,639
G245	288655,005	7596904,457
G246	288663,016	7596976,330
G247	288252,382	7597281,131
G248	286780,237	7597741,507
G249	285540,530	7598987,565
G250	285129,234	7598488,692
G251	284933,442	7598321,475
G252	284927,092	7598229,400
G253	284209,541	7597733,040
G254	282675,483	7595372,423
G255	283058,865	7595175,484
G256	283121,307	7595168,076
G257	283175,282	7595109,868
G258	283174,224	7595048,484
G259	283433,516	7594799,775
G260	283572,158	7594895,026
G261	283686,458	7594847,400
G262	283706,567	7594720,400
G263	283451,508	7594542,600
G264	283358,374	7594564,825
G265	282928,690	7594970,167
G266	282838,731	7594994,509
G267	282794,281	7595060,126
G268	282554,039	7595181,923
G269	282161,132	7594570,734
G270	283104,771	7594184,486
G271	283843,489	7594003,510
G272	284246,714	7594718,945
G273	284666,874	7595088,304
G274	284821,391	7594932,729
G275	284424,003	7594570,012
G276	284117,598	7593991,868
G277	284229,781	7593958,002
G278	284285,029	7593536,049
G279	283844,547	7593507,151
G280	283709,080	7593800,310
G281	283033,862	7593969,643
G282	282040,482	7594380,234
G283	279708,837	7590719,495
G284	281992,725	7589426,209
G285	282001,191	7589333,076
G286	281945,099	7589252,642
G287	281855,141	7589251,584
G288	279583,821	7590526,570
G289	278100,431	7588203,303
G290	279091,033	7587430,718
G291	281040,487	7586231,624
G292	281234,163	7586079,224
G293	281271,204	7586807,358
G294	281124,096	7587634,977
G295	280842,579	7587965,177
G296	280895,495	7588069,952
G297	281008,737	7588104,878
G298	281336,821	7587728,110
G299	281493,455	7586847,575
G300	281457,471	7585910,948
G301	281953,831	7585523,068
G302	283688,169	7584684,915
G303	283867,301	7584708,679
G304	283968,901	7585006,071
G305	284031,343	7585035,705
G306	284168,654	7585362,250
G307	284295,654	7585369,658
G308	284372,912	7585286,050
G309	284453,346	7585072,266
G310	284399,433	7584953,124
G311	284258,612	7584973,841
G312	284184,529	7584674,332
G313	284322,112	7584643,640
G314	284367,621	7584473,248
G315	288748,600	7584520,979
G316	288368,129	7584771,699
G317	288363,895	7584901,874
G318	288470,787	7584965,374
G319	288860,254	7584819,324
G320	289009,298	7585622,652
G321	288688,784	7585443,983
G322	288792,804	7585206,830
G323	288779,689	7585110,339
G324	288689,730	7585059,539
G325	288594,410	7585099,178
G326	288420,913	7585487,107
G327	288454,780	7585583,415
G328	289051,681	7585896,683
G329	289380,823	7587763,586
G330	289291,923	7587893,762
G331	289306,740	7588019,704
G332	288478,063	7588230,312
G333	288292,854	7588324,504
G334	288322,488	7588429,279
G335	288397,630	7588513,946
G336	289519,465	7588195,387
G337	289717,374	7588630,363
G338	289685,624	7588702,330
G339	289792,573	7589156,348
G340	289439,032	7589027,239
G341	289376,061	7588943,630
G342	289231,598	7588951,568
G343	289099,042	7588915,055
G344	289023,635	7589005,543
G345	289036,864	7589112,964
G346	289822,943	7589407,975
G347	290118,053	7591605,691
G348	289947,385	7591632,729
G349	288172,557	7590709,066
G350	287561,368	7590537,087
G351	286914,461	7590627,045
G352	286873,450	7590717,004
G353	286873,450	7590854,587
G354	287008,388	7590902,213
G355	287085,117	7590829,452
G356	287541,920	7590771,110
G357	288046,747	7590908,247
G358	288918,684	7591349,624
G359	288852,802	7591508,374
G360	288903,602	7591588,543
G361	289028,221	7591614,737
G362	289109,978	7591582,193
G363	289132,203	7591460,749
G364	289624,593	7591735,916
G365	289593,505	7591868,870
G366	289781,359	7591982,641
G367	290010,886	7591853,656
G368	290279,155	7591834,837
G369	290721,293	7592472,121
G370	290844,325	7592464,183
G371	290905,179	7592354,381
G372	290502,350	7591765,682
G373	290680,408	7591608,695
G374	290860,861	7591815,953
G375	290946,190	7591837,781
G376	291108,247	7591712,104
G377	291018,289	7591513,004
G378	291034,825	7591413,124
G379	290788,762	7591183,597
G380	290670,361	7591255,035
G381	290655,393	7591338,524
G382	290345,197	7591600,689
G383	290174,628	7590340,047
G384	290650,826	7590054,883
G385	290955,626	7590136,639
G386	291044,527	7590065,201
G387	291036,589	7589938,995
G388	290757,189	7589854,064
G389	290463,501	7589710,395
G390	290369,838	7589724,682
G391	290326,181	7589814,376
G392	290373,013	7589960,426
G393	290142,031	7590097,745
G394	290064,149	7589523,511
G395	290280,285	7589424,449
G396	290363,752	7589443,694
G397	290455,298	7589354,265
G398	290420,373	7589247,902
G399	290552,417	7588814,356
G400	290659,151	7588873,060
G401	290799,522	7588798,903
G402	290859,053	7588718,734
G403	290823,334	7588551,253
G404	291120,625	7588527,093
G405	291190,842	7588459,971
G406	291186,079	7588381,390
G407	291132,368	7588305,454
G408	290543,934	7588355,196
G409	290452,917	7588243,012
G410	290340,734	7588266,296
G411	290283,583	7588364,721
G412	290393,650	7588542,521
G413	290352,291	7588704,953
G414	289961,377	7588732,970
G415	289946,702	7588588,879
G416	289694,091	7588033,462
G417	290190,450	7587878,945

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
G418	290203,150	7587737,128	G481	288784,848	7581337,770	G544	288335,858	7579306,406	G607	286749,678	7574923,574
G419	290094,534	7587672,558	G482	288664,198	7582151,366	G545	288480,850	7579233,381	G608	286449,414	7574436,185
G420	289789,935	7587764,720	G483	288703,092	7582233,122	G546	288461,800	7579094,739	G609	286970,870	7573784,805
G421	289754,216	7587550,407	G484	289481,004	7582372,268	G547	288359,141	7579051,347	G610	287200,529	7574044,097
G422	289572,382	7587544,511	G485	289459,008	7582562,000	G548	288080,799	7579171,997	G611	287312,712	7573997,531
G423	289297,408	7585980,712	G486	289038,055	7582672,067	G549	287962,266	7579078,864	G612	287347,637	7573901,222
G424	289519,147	7586036,624	G487	289037,261	7582519,667	G550	287688,588	7579188,425	G613	287292,604	7573799,622
G425	289530,049	7586261,808	G488	288911,055	7582477,598	G551	287319,856	7578254,420	G614	287294,721	7573723,422
G426	289614,715	7586314,725	G489	288724,523	7582552,210	G552	287182,272	7578247,012	G615	287235,454	7573652,513
G427	289736,424	7586279,800	G490	288605,451	7582479,333	G553	287119,831	7578354,962	G616	287152,904	7573649,338
G428	289751,484	7586095,209	G491	288568,414	7582205,413	G554	287532,582	7579409,064	G617	287037,046	7573450,206
G429	289878,241	7586128,458	G492	288501,479	7582139,459	G555	287376,016	7579482,841	G618	287550,838	7573014,337
G430	289945,974	7586034,266	G493	288370,510	7582164,860	G556	287225,172	7579249,443	G619	287515,913	7572883,103
G431	289929,041	7585916,791	G494	288348,285	7582305,354	G557	286970,963	7579410,776	G620	287399,496	7572853,470
G432	289262,290	7585734,757	G495	287955,378	7582270,429	G558	287074,322	7579610,148	G621	287280,357	7572945,554
G433	289040,721	7584542,637	G496	287900,609	7582382,348	G559	286914,514	7579678,940	G622	287199,470	7572792,087
G434	289252,855	7584497,609	G497	288014,115	7582707,786	G560	286842,547	7579552,998	G623	287425,954	7572527,503
G435	289621,462	7584664,912	G498	288135,559	7582741,917	G561	286285,862	7579794,298	G624	287817,538	7572399,444
G436	289720,681	7584614,112	G499	288241,585	7582956,502	G562	286316,554	7579956,224	G625	287813,305	7572287,260
G437	289738,938	7584491,081	G500	288397,497	7582940,355	G563	286145,104	7580050,416	G626	287752,980	7572196,244
G438	289590,506	7584399,006	G501	288443,348	7582807,540	G564	286044,562	7579992,207	G627	287289,429	7572333,827
G439	289738,144	7584260,893	G502	288947,038	7583043,807	G565	285932,378	7580058,882	G628	287015,955	7572670,039
G440	289704,806	7584144,212	G503	288879,569	7583666,108	G566	285935,553	7580157,308	G629	286741,211	7573050,320
G441	289525,418	7584077,536	G504	288803,104	7584289,098	G567	285794,795	7580234,566	G630	286746,258	7573240,891
G442	289431,756	7584133,893	G505	286386,925	7584270,312	G568	285809,082	7579688,465	G631	286845,666	7573584,399
G443	289406,356	7584265,656	G506	286414,441	7583420,469	G569	286287,450	7577460,669	G632	286331,635	7574227,189
G444	289034,086	7584272,005	G507	286771,100	7583104,026	G570	286285,333	7577041,568	G633	285905,126	7573514,930
G445	289109,757	7583570,858	G508	286755,225	7582986,551	G571	286392,225	7577022,518	G634	285887,134	7573239,762
G446	289212,945	7583674,046	G509	286637,750	7582933,634	G572	286468,425	7576887,051	G635	285781,983	7572776,706
G447	289338,358	7583651,821	G510	286196,424	7583314,635	G573	286713,959	7576927,268	G636	285683,796	7572471,395
G448	289370,901	7583531,171	G511	286157,266	7584262,639	G574	286793,334	7576824,609	G637	285931,161	7572437,280
G449	289147,792	7583256,826	G512	284118,391	7584243,541	G575	286993,725	7576834,464	G638	286229,612	7572694,455
G450	289169,806	7583069,707	G513	284307,833	7583702,731	G576	287011,737	7576620,579	G639	286349,204	7572662,705
G451	289234,847	7583058,701	G514	284880,393	7582625,346	G577	286675,859	7576596,009	G640	286390,479	7572540,996
G452	289316,926	7583166,045	G515	284946,010	7582602,062	G578	286683,874	7576300,783	G641	286007,361	7572203,387
G453	289612,996	7583139,057	G516	284985,542	7582520,879	G579	286468,864	7576297,969	G642	285613,917	7572254,105
G454	289655,858	7582979,513	G517	284975,643	7582450,720	G580	286461,546	7576399,282	G643	285538,275	7572018,894
G455	289974,153	7582946,969	G518	285773,628	7580937,301	G581	286280,307	7576398,719	G644	285521,006	7571874,122
G456	290128,140	7583097,782	G519	285783,153	7580552,067	G582	286283,217	7576088,008	G645	286140,712	7571828,737
G457	290212,278	7583085,082	G520	285853,003	7580552,067	G583	286142,408	7575791,961	G646	286132,245	7571614,953
G458	290272,603	7583030,313	G521	285996,937	7580798,659	G584	286405,825	7575570,196	G647	285797,606	7571630,927
G459	290278,953	7582945,382	G522	286110,179	7580818,767	G585	286454,794	7575578,077	G648	285778,182	7571524,871
G460	290070,196	7582723,132	G523	286456,475	7580564,647	G586	286746,503	7575361,725	G649	285888,828	7571493,244
G461	289770,158	7582739,800	G524	286351,409	7580362,519	G587	286897,845	7575516,242	G650	285921,636	7571374,711
G462	289762,221	7582614,388	G525	286218,325	7580441,569	G588	287025,903	7575492,959	G651	285833,794	7571269,935
G463	289680,464	7582575,494	G526	286147,220	7580303,358	G589	287069,295	7575299,283	G652	285973,719	7570878,453
G464	289697,140	7582406,290	G527	287239,429	7579786,032	G590	287180,420	7575345,850	G653	285746,576	7570792,398
G465	289788,150	7582356,154	G528	287276,953	7579850,573	G591	288132,922	7575404,058	G654	285595,479	7571283,708
G466	289798,469	7582242,647	G529	287385,772	7579833,312	G592	288196,422	7575303,516	G655	285457,506	7571296,271
G467	289731,690	7582182,957	G530	287459,556	7580001,732	G593	288141,389	7575194,508	G656	285441,382	7571184,645
G468	288900,713	7582046,729	G531	287419,340	7580207,049	G594	287364,571	7575133,124	G657	285295,291	7570746,368
G469	289017,417	7581290,939	G532	287923,107	7580308,650	G595	287372,496	7574857,203	G658	284962,082	7570153,993
G470	289130,130	7581244,901	G533	287964,382	7580100,157	G596	288578,481	7574111,831	G659	284748,823	7569903,209
G471	289137,274	7581115,520	G534	287724,986	7580044,196	G597	288810,257	7574017,639	G660	285106,354	7569505,671
G472	289053,136	7581053,607	G535	287551,627	7579652,448	G598	289719,367	7574095,956	G661	285185,404	7569518,679
G473	289076,155	7580871,044	G536	287733,242	7579572,899	G599	289773,342	7573998,589	G662	285338,500	7569797,856
G474	288974,555	7580787,701	G537	287982,374	7579868,382	G600	289743,709	7573878,997	G663	285544,630	7569695,792
G475	288860,254	7580848,820	G538	288153,824	7579746,673	G601	288788,032	7573787,980	G664	285401,541	7569451,638
G476	288818,186	7581103,614	G539	287988,724	7579521,248	G602	288490,640	7573905,455	G665	285510,473	7569386,098
G477	288552,279	7581161,558	G540	288144,299	7579439,756	G603	287108,454	7574750,007	G666	285661,815	7569390,332
G478	288515,766	7581229,820	G541	288271,300	7579679,998	G604	287124,090	7574578,777	G667	285716,740	7569201,480
G479	288538,785	7581330,627	G542	288384,542	7579696,932	G605	286897,447	7574564,518	G668	285485,073	7569134,215
G480	288626,098	7581369,520	G543	288474,500	7579608,031	G606	286868,928	7574849,697	G669	285229,432	7569300,542

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
G670	284998,239	7569256,981	G733	283396,598	7562835,977	G796	282294,937	7564769,423	G859	274697,676	7567248,909
G671	284917,805	7569323,657	G734	283326,483	7562894,185	G797	282324,570	7564872,082	G860	273761,713	7566850,899
G672	284913,232	7569386,595	G735	283048,009	7562864,419	G798	282396,537	7564914,415	G861	273307,426	7566804,869
G673	284610,250	7569709,371	G736	283227,926	7562500,616	G799	282511,895	7565259,432	G862	273265,483	7566718,948
G674	284318,801	7569885,948	G737	283196,175	7562433,148	G800	282356,320	7565405,483	G863	273083,450	7566680,318
G675	284179,964	7569815,403	G738	283055,285	7562318,054	G801	282313,987	7565923,009	G864	273023,654	7566541,676
G676	283918,048	7569805,646	G739	282957,389	7562367,002	G802	282192,278	7565941,001	G865	272889,774	7566561,785
G677	283768,705	7569554,987	G740	282928,946	7562451,007	G803	281626,069	7565921,950	G866	272756,978	7566363,606
G678	284059,889	7569493,449	G741	282965,326	7562533,690	G804	280946,617	7566166,426	G867	272629,184	7566385,037
G679	284011,108	7569222,528	G742	282810,544	7562833,992	G805	280570,908	7566427,835	G868	272590,951	7566489,283
G680	283851,003	7569245,340	G743	282530,086	7562798,935	G806	280113,707	7566645,852	G869	272715,678	7566754,402
G681	283798,086	7569318,365	G744	282516,856	7562693,763	G807	279660,740	7566893,502	G870	272563,807	7566996,231
G682	283646,744	7569347,998	G745	282362,075	7562642,830	G808	279623,698	7566534,727	G871	272569,099	7567064,494
G683	283328,178	7568813,519	G746	282291,299	7562678,549	G809	279522,098	7566280,726	G872	272618,840	7567127,994
G684	282813,834	7568364,805	G747	282098,152	7562636,216	G810	279685,082	7565538,833	G873	272720,440	7567158,686
G685	282777,332	7567858,915	G748	281918,618	7562732,220	G811	279797,265	7565204,399	G874	272488,136	7567991,279
G686	283076,301	7567391,136	G749	281779,990	7562372,161	G812	279890,399	7565166,299	G875	272471,083	7568144,747
G687	283237,374	7567355,348	G750	281341,307	7560922,897	G813	279951,782	7565020,249	G876	269242,534	7571463,743
G688	283403,327	7567031,302	G751	281288,923	7560048,056	G814	279897,807	7564946,165	G877	268405,391	7571630,960
G689	283383,219	7566892,660	G752	281376,765	7559934,815	G815	279807,848	7564917,590	G878	267936,548	7572023,603
G690	283521,861	7566723,326	G753	281776,815	7560074,515	G816	279839,599	7564763,073	G879	267857,173	7572063,819
G691	283500,694	7566586,801	G754	281858,307	7559997,256	G817	279826,899	7564603,264	G880	267802,140	7572138,961
G692	283326,680	7566559,691	G755	281856,190	7559880,839	G818	279926,382	7564164,055	G881	264379,483	7572358,037
G693	283298,105	7566423,165	G756	281711,710	7559816,477	G819	280041,741	7563962,971	G882	263565,623	7572249,028
G694	283627,694	7566226,967	G757	281683,682	7559779,239	G820	280019,515	7563802,105	G883	262161,212	7572531,604
G695	283698,603	7566430,168	G758	281617,007	7559753,839	G821	280050,207	7563384,062	G884	259446,340	7573378,511
G696	283842,536	7566456,626	G759	281561,615	7559771,448	G822	280325,374	7563502,596	G885	259147,445	7573422,703
G697	283932,495	7566282,001	G760	281457,549	7559723,418	G823	280411,100	7563432,746	G886	259118,870	7573492,024
G698	284035,153	7566200,509	G761	281531,597	7559293,146	G824	280421,683	7563314,212	G887	259133,687	7573576,691
G699	283986,470	7566077,742	G762	281220,401	7559228,105	G825	280081,957	7563148,053	G888	259199,833	7573625,375
G700	284142,045	7565842,791	G763	281182,031	7559386,597	G826	280122,174	7562961,786	G889	259359,071	7573606,924
G701	284203,429	7565527,407	G764	281267,756	7559478,672	G827	280195,199	7562891,936	G890	259337,573	7573756,098
G702	284278,570	7565304,099	G765	281227,404	7559753,436	G828	280164,508	7562763,878	G891	259151,306	7573758,214
G703	284193,904	7565215,198	G766	281139,348	7559872,511	G829	280207,899	7562565,969	G892	259105,797	7573852,406
G704	284076,428	7565237,423	G767	281025,397	7559802,523	G830	280151,807	7562494,002	G893	259132,256	7573959,298
G705	283989,645	7565454,382	G768	281115,356	7559613,081	G831	280066,082	7562480,244	G894	259239,147	7573983,640
G706	283937,786	7565732,724	G769	281064,556	7559513,597	G832	279995,174	7562522,577	G895	259222,214	7574196,365
G707	283531,386	7566018,475	G770	280514,221	7559275,471	G833	279844,890	7563169,220	G896	258950,222	7574699,075
G708	283174,727	7566084,092	G771	280358,646	7559483,964	G834	279799,382	7563791,521	G897	258907,889	7574954,134
G709	282674,134	7565032,106	G772	280250,696	7559538,997	G835	279812,082	7563917,463	G898	258785,122	7574936,142
G710	282714,038	7564949,340	G773	280225,296	7559784,531	G836	279718,948	7564071,980	G899	258708,921	7575003,875
G711	283219,177	7564861,714	G774	280319,487	7559842,739	G837	279602,531	7564575,748	G900	258698,338	7575138,284
G712	283365,227	7564942,148	G775	280496,230	7559804,639	G838	279586,656	7564879,137	G901	258406,127	7575055,227
G713	283606,527	7564832,081	G776	280548,976	7559759,438	G839	279507,281	7564917,237	G902	258272,777	7574979,026
G714	283468,944	7564541,039	G777	280748,101	7559889,521	G840	279466,006	7565063,288	G903	257994,964	7574909,970
G715	283234,049	7564607,004	G778	280770,338	7559940,106	G841	279564,431	7565197,696	G904	257859,232	7574894,889
G716	282801,134	7564699,789	G779	280821,139	7559976,090	G842	279385,573	7565500,380	G905	257804,463	7574848,058
G717	282748,217	7564560,089	G780	280886,188	7559975,576	G843	279444,839	7565612,564	G906	257478,232	7574805,195
G718	282565,125	7564409,805	G781	281061,381	7560082,981	G844	279383,456	7565879,264	G907	257386,950	7574870,282
G719	282469,875	7564430,972	G782	281112,181	7560941,292	G845	279320,696	7565923,939	G908	257346,469	7575211,596
G720	282174,287	7563580,912	G783	281554,102	7562409,335	G846	279296,672	7566003,089	G909	257498,869	7575323,515
G721	281947,803	7563260,237	G784	281731,902	7562886,644	G847	279336,526	7566086,614	G910	257627,457	7575300,496
G722	281961,561	7563154,403	G785	281717,086	7563309,979	G848	279288,206	7566295,190	G911	257729,057	7575102,852
G723	282082,211	7563082,436	G786	281974,261	7563692,038	G849	279420,498	7566754,508	G912	258192,608	7575186,196
G724	282486,429	7563015,894	G787	282252,603	7564500,606	G850	279258,572	7566790,491	G913	258314,846	7575258,427
G725	283080,420	7563089,316	G788	282088,561	7564522,831	G851	278506,096	7566751,333	G914	258633,515	7575350,348
G726	283100,925	7563208,378	G789	282028,236	7564595,856	G852	277408,824	7566490,658	G915	258645,421	7575421,786
G727	283190,222	7563261,957	G790	281897,003	7564629,723	G853	277393,521	7566225,763	G916	258720,188	7575551,321
G728	283301,348	7563214,993	G791	281543,519	7565261,549	G854	277301,446	7566177,344	G917	258400,306	7576510,967
G729	283307,301	7563114,451	G792	281574,210	7565333,516	G855	277169,683	7566202,745	G918	258373,319	7576649,874
G730	283475,973	7563123,050	G793	281650,410	7565380,083	G856	277083,164	7566417,057	G919	257938,343	7577665,082
G731	283550,718	7563048,305	G794	281738,252	7565355,741	G857	276731,267	7566341,651	G920	257448,201	7577662,701
G732	283516,983	7562869,049	G795	282049,403	7564821,282	G858	274881,032	7567272,722	G921	257388,273	7577770,651

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
G922	257435,898	7577877,014	G985	272341,340	7568805,205	G1048	282464,208	7566888,799	G1111	284099,871	7575378,923
G923	257772,449	7577895,270	G986	272363,565	7568900,455	G1049	282540,805	7566908,246	G1112	283824,703	7575881,632
G924	257862,936	7577892,889	G987	272469,399	7568948,080	G1050	282869,418	7566752,273	G1113	283749,561	7576081,658
G925	257758,161	7578383,427	G988	272678,949	7568898,338	G1051	282911,884	7566657,817	G1114	283693,165	7576428,663
G926	257745,461	7578647,746	G989	272774,200	7568341,654	G1052	283030,791	7566580,753	G1115	283301,886	7576552,617
G927	257886,485	7578948,446	G990	272703,291	7568071,778	G1053	283073,021	7566726,451	G1116	283251,217	7576500,729
G928	257922,468	7579223,613	G991	272921,308	7567265,327	G1054	282980,713	7567059,661	G1117	283151,602	7576513,458
G929	257899,185	7579796,173	G992	272970,851	7567223,616	G1055	282914,376	7567109,619	G1118	283084,927	7576599,184
G930	257965,860	7580095,681	G993	273026,083	7567055,776	G1056	282916,493	7567222,861	G1119	282942,052	7576619,292
G931	258016,660	7580128,490	G994	273164,725	7567051,543	G1057	282551,440	7567796,625	G1120	282637,251	7576693,376
G932	258061,110	7580324,282	G995	273209,175	7567022,968	G1058	282597,934	7568489,688	G1121	282559,992	7576638,342
G933	258166,943	7580347,565	G996	273697,068	7567069,534	G1059	283124,985	7568933,131	G1122	282440,401	7576683,850
G934	258263,252	7580294,649	G997	274623,112	7567465,881	G1060	282823,859	7569029,654	G1123	282049,875	7576641,517
G935	258254,785	7580185,640	G998	274947,657	7567529,940	G1061	282890,651	7569233,783	G1124	281905,941	7576599,184
G936	258398,719	7580127,432	G999	276773,286	7566606,542	G1062	283052,753	7569189,505	G1125	281828,683	7576693,376
G937	258418,827	7580008,898	G1000	278482,497	7567008,710	G1063	283183,193	7569263,332	G1126	281845,616	7576798,151
G938	258290,769	7579878,723	G1001	279270,527	7567016,485	G1064	283393,468	7569546,731	G1127	281986,375	7576857,418
G939	258155,302	7579902,006	G1002	279445,152	7566980,502	G1065	283490,279	7569509,208	G1128	282576,926	7576928,326
G940	258123,552	7579758,072	G1003	279252,535	7567485,328	G1066	283785,964	7570023,283	G1129	282954,752	7576873,293
G941	258144,718	7579471,264	G1004	279210,202	7567931,946	G1067	283577,952	7570644,459	G1130	283629,970	7576703,959
G942	258146,835	7579232,080	G1005	279032,402	7568049,421	G1068	283189,543	7571195,852	G1131	284000,387	7576676,442
G943	258107,677	7578898,704	G1006	278957,260	7568470,638	G1069	283046,668	7571513,353	G1132	284083,996	7576591,775
G944	257967,712	7578599,327	G1007	278895,876	7568519,322	G1070	283119,693	7571594,844	G1133	284826,947	7576346,241
G945	257977,237	7578413,590	G1008	278884,715	7568622,738	G1071	283240,343	7571607,545	G1134	284981,464	7576336,717
G946	258109,793	7577819,070	G1009	278572,026	7569224,173	G1072	283392,744	7571299,569	G1135	285622,815	7576154,683
G947	258239,175	7577552,369	G1010	278488,417	7569279,207	G1073	283777,978	7570759,818	G1136	285851,416	7576038,266
G948	258541,594	7576818,943	G1011	278405,867	7569418,907	G1074	284033,566	7570028,508	G1137	285970,174	7575936,614
G949	258666,213	7576857,043	G1012	277661,857	7569155,381	G1075	284240,751	7570087,074	G1138	286056,854	7576142,057
G950	258747,970	7576807,036	G1013	277571,899	7569090,823	G1076	284229,358	7570147,042	G1139	286057,791	7577442,677
G951	258767,813	7576674,480	G1014	277357,057	7569142,681	G1077	284317,200	7570224,300	G1140	285845,066	7578347,554
G952	258607,475	7576600,661	G1015	277350,707	7569323,657	G1078	284377,337	7570213,154	G1141	285584,715	7579667,298
G953	258941,645	7575584,659	G1016	277491,465	7569338,473	G1079	284563,792	7570376,700	G1142	285548,901	7580871,839
G954	258923,764	7575360,534	G1017	278350,834	7569646,449	G1080	284749,001	7570246,525	G1143	284105,691	7583595,839
G955	259150,247	7575038,800	G1018	278032,275	7570077,191	G1081	285079,154	7570813,410	G1144	283881,324	7584226,607
G956	259167,181	7574771,042	G1019	277912,683	7570133,283	G1082	285215,239	7571230,673	G1145	283457,725	7584414,462
G957	259318,523	7574559,374	G1020	277862,941	7570281,450	G1083	285266,104	7571632,872	G1146	283413,275	7584556,279
G958	259497,381	7574112,757	G1021	277690,432	7570421,151	G1084	285025,226	7571804,395	G1147	283195,523	7584666,875
G959	259664,598	7574071,482	G1022	277724,299	7570538,626	G1085	285047,451	7571922,929	G1148	283058,998	7583772,581
G960	259695,290	7573921,198	G1023	277819,933	7570585,154	G1086	285141,643	7571984,312	G1149	282935,172	7583731,306
G961	259550,298	7573854,523	G1024	277774,904	7570832,310	G1087	285298,123	7571885,476	G1150	282845,214	7583812,798
G962	259590,515	7573567,714	G1025	278328,609	7570841,310	G1088	285317,327	7572058,395	G1151	282982,797	7584776,942
G963	262234,237	7572744,329	G1026	278402,692	7570750,293	G1089	285638,426	7573165,679	G1152	282471,357	7585017,713
G964	263582,556	7572477,629	G1027	278362,475	7570622,234	G1090	285613,026	7573293,737	G1153	282407,857	7584991,255
G965	264348,791	7572582,404	G1028	278045,075	7570615,173	G1091	285680,759	7573581,605	G1154	282327,423	7585019,830
G966	267737,581	7572368,620	G1029	278079,097	7570413,046	G1092	286542,151	7575029,246	G1155	282285,159	7585097,235
G967	267651,856	7572633,204	G1030	278582,609	7569759,691	G1093	286509,700	7575102,697	G1156	282211,006	7585134,130
G968	267725,939	7572735,862	G1031	278638,701	7569543,790	G1094	286523,459	7575183,131	G1157	282038,762	7584141,940
G969	267851,881	7572712,579	G1032	278822,851	7569256,981	G1095	285542,382	7575941,957	G1158	282521,363	7584157,022
G970	268021,215	7572251,145	G1033	279166,788	7568580,892	G1096	284596,889	7576160,852	G1159	282574,544	7584049,071
G971	268515,458	7571838,394	G1034	279230,310	7568195,471	G1097	284540,138	7576082,716	G1160	282525,332	7583942,709
G972	269043,567	7571733,619	G1035	279429,277	7568052,596	G1098	284406,788	7576107,058	G1161	282001,456	7583912,546
G973	268789,567	7572110,386	G1036	279470,553	7567556,236	G1099	284351,754	7576263,691	G1162	281946,687	7583832,377
G974	268717,600	7572315,703	G1037	279642,003	7567164,652	G1100	283935,828	7576373,758	G1163	281830,005	7583843,490
G975	268618,116	7572419,420	G1038	280661,180	7566643,951	G1101	284026,845	7575985,349	G1164	281783,174	7583926,040
G976	268630,816	7572618,387	G1039	281067,581	7566364,551	G1102	284289,313	7575564,132	G1165	281626,805	7583876,034
G977	268731,358	7572655,429	G1040	281659,190	7566149,709	G1103	284586,705	7574970,405	G1166	281510,917	7583876,827
G978	268832,958	7572628,971	G1041	282213,758	7566170,875	G1104	284734,872	7574587,288	G1167	281449,005	7583967,315
G979	268848,833	7572508,320	G1042	282877,900	7566053,275	G1105	284663,963	7574488,863	G1168	281170,398	7584010,178
G980	269044,625	7572293,478	G1043	282971,079	7566343,790	G1106	284534,846	7574502,621	G1169	281125,154	7584183,215
G981	269016,050	7572180,236	G1044	282737,716	7566510,478	G1107	284417,371	7574787,313	G1170	280743,360	7584692,010
G982	269385,409	7571641,544	G1045	282707,493	7566596,301	G1108	284324,238	7574823,297	G1171	280613,978	7584672,960
G983	272422,832	7568518,396	G1046	282445,555	7566724,889	G1109	284287,196	7574912,197	G1172	280545,715	7584730,904
G984	272447,174	7568570,254	G1047	282417,377	7566814,980	G1110	284323,179	7574996,864	G1173	280518,728	7584831,711

ANEXO 2 – RESOLUCIÓN AETN Nº 228/2020
TRÁMITE 2020-35916-57-0-0-0-DDO
CIAE 0037-0010-0003-0012
La Paz, 13 de agosto de 2020

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
G1174	280708,435	7584961,886	G1237	277351,893	7576889,549	G1300	264808,548	7584058,710	G1363	264992,687	7579764,019
G1175	280816,385	7584961,092	G1238	277280,984	7576912,832	G1301	265412,593	7584412,723	G1364	264727,574	7580222,278
G1176	281384,711	7584203,059	G1239	277228,068	7576973,158	G1302	265960,281	7584457,173	G1365	264655,078	7580243,445
G1177	281813,337	7584147,497	G1240	277224,893	7577055,708	G1303	266303,976	7584559,567	G1366	264501,619	7580402,195
G1178	282002,514	7585239,963	G1241	276906,334	7577499,150	G1304	266492,095	7584710,380	G1367	264470,927	7580745,096
G1179	281850,114	7585317,222	G1242	276648,100	7577956,351	G1305	266977,871	7584942,156	G1368	264494,211	7580813,888
G1180	280901,845	7586051,707	G1243	276947,884	7578533,819	G1306	266382,281	7585455,747	G1369	264390,494	7581166,314
G1181	278787,291	7587351,343	G1244	277105,316	7578958,087	G1307	266249,989	7585418,705	G1370	264142,843	7581276,380
G1182	278744,242	7586893,618	G1245	277030,601	7579204,909	G1308	266010,805	7585498,081	G1371	263945,993	7581721,940
G1183	279209,537	7586504,373	G1246	276397,991	7580354,925	G1309	265788,555	7585691,756	G1372	263809,468	7581674,315
G1184	279060,443	7586339,268	G1247	276091,047	7580339,915	G1310	265620,596	7585910,252	G1373	263763,959	7581581,181
G1185	278631,716	7586696,233	G1248	276092,548	7580255,112	G1311	265167,628	7586333,586	G1374	263672,942	7581569,539
G1186	278478,257	7586707,875	G1249	276335,891	7580139,697	G1312	264371,760	7586642,620	G1375	263596,742	7581610,814
G1187	278439,099	7586835,933	G1250	276357,058	7580022,222	G1313	263929,060	7586245,265	G1376	263568,167	7581784,381
G1188	278523,766	7586937,533	G1251	276287,207	7579959,780	G1314	263760,042	7585793,835	G1377	263445,400	7581834,123
G1189	278580,916	7587535,493	G1252	276172,907	7579953,430	G1315	263751,575	7585180,001	G1378	263328,983	7582110,349
G1190	277975,548	7588006,452	G1253	275664,778	7580246,855	G1316	263076,357	7584775,716	G1379	263195,633	7582498,758
G1191	277394,976	7587097,044	G1254	275758,587	7580430,722	G1317	262348,223	7584161,882	G1380	263065,458	7582571,783
G1192	277129,069	7586565,231	G1255	275548,454	7580490,759	G1318	262166,189	7584075,098	G1381	262709,857	7582904,100
G1193	276433,213	7585928,378	G1256	275606,991	7580691,886	G1319	261990,505	7584053,931	G1382	262526,765	7582957,017
G1194	276337,963	7585745,286	G1257	276271,332	7580571,498	G1320	262013,472	7583944,444	G1383	262303,456	7583188,793
G1195	276651,231	7585543,144	G1258	275519,914	7581906,059	G1321	262110,839	7583971,961	G1384	261788,047	7583678,802
G1196	276652,289	7585409,793	G1259	275548,326	7582077,636	G1322	262180,689	7583916,927	G1385	261741,480	7583831,202
G1197	276476,605	7585328,301	G1260	275155,847	7582147,360	G1323	262196,564	7583818,502	G1386	261627,180	7583920,632
G1198	277798,510	7584307,422	G1261	275087,055	7582212,976	G1324	262130,948	7583674,569	G1387	261609,188	7584013,765
G1199	277892,702	7584352,931	G1262	275119,863	7582348,443	G1325	262557,457	7583286,159	G1388	261466,313	7584073,032
G1200	277958,319	7584328,589	G1263	275329,414	7582402,418	G1326	262851,674	7583134,817	G1389	261265,229	7584298,457
G1201	278171,044	7584406,906	G1264	275397,147	7582330,452	G1327	263143,775	7582857,533	G1390	261177,387	7584547,166
G1202	278256,770	7584323,297	G1265	275588,706	7582299,760	G1328	263243,258	7582954,900	G1391	261047,212	7584596,908
G1203	278256,770	7584212,172	G1266	276137,357	7585352,372	G1329	263355,442	7582925,267	G1392	260887,310	7584746,766
G1204	277930,802	7584073,530	G1267	276022,285	7585193,271	G1330	263400,950	7582820,492	G1393	260830,253	7585118,667
G1205	277888,469	7583769,788	G1268	275632,101	7584881,452	G1331	263306,758	7582696,667	G1394	260649,184	7585156,342
G1206	277775,227	7583733,804	G1269	275333,603	7584824,393	G1332	263407,300	7582610,941	G1395	260506,403	7585165,234
G1207	277675,743	7583798,363	G1270	274936,727	7584801,109	G1333	263489,850	7582657,508	G1396	260215,361	7585257,309
G1208	277704,319	7584096,814	G1271	274528,552	7584204,768	G1334	263604,151	7582621,525	G1397	260165,619	7585307,051
G1209	276642,808	7584912,790	G1272	274341,684	7584334,600	G1335	263650,717	7582386,574	G1398	259760,276	7585357,851
G1210	276314,803	7585036,506	G1273	274746,227	7584927,051	G1336	263552,292	7582314,607	G1399	259674,533	7585244,416
G1211	275753,456	7581952,558	G1274	274155,676	7585329,219	G1337	263579,135	7582249,148	G1400	259383,509	7585131,367
G1212	277242,884	7579306,787	G1275	274103,817	7585420,236	G1338	263705,751	7582253,224	G1401	259248,742	7585027,754
G1213	277446,085	7579215,770	G1276	273757,556	7585566,078	G1339	263769,251	7582123,049	G1402	258997,387	7584416,566
G1214	277481,010	7579109,937	G1277	273272,574	7585575,604	G1340	263672,942	7582020,390	G1403	258970,929	7583953,544
G1215	277254,744	7578720,604	G1278	272679,642	7585704,985	G1341	263774,543	7581909,265	G1404	258768,616	7583624,298
G1216	279164,821	7578514,094	G1279	271918,434	7585585,129	G1342	263961,868	7581960,065	G1405	258566,474	7583498,356
G1217	279611,439	7578429,427	G1280	271628,715	7585442,253	G1343	264125,910	7581887,040	G1406	258555,532	7583265,626
G1218	279924,706	7578288,668	G1281	271416,783	7585154,915	G1344	264169,302	7581778,031	G1407	258370,323	7583125,396
G1219	279915,181	7578160,610	G1282	271331,851	7584932,665	G1345	264257,144	7581726,173	G1408	258121,614	7583019,563
G1220	279830,514	7578098,168	G1283	270689,706	7584465,145	G1346	264339,694	7581436,189	G1409	257690,172	7582979,771
G1221	279134,130	7578289,727	G1284	270495,237	7584435,776	G1347	264587,344	7581320,831	G1410	257340,921	7582977,655
G1222	278852,612	7578166,960	G1285	269844,361	7584646,914	G1348	264769,378	7580846,696	G1411	256982,146	7583290,922
G1223	278740,429	7578214,585	G1286	269799,117	7584445,301	G1349	264715,403	7580741,921	G1412	256844,562	7583205,197
G1224	278727,729	7578332,060	G1287	269731,648	7584401,645	G1350	264809,595	7580437,120	G1413	256753,545	7583191,438
G1225	277177,362	7578501,799	G1288	269641,161	7584409,582	G1351	264912,253	7580399,020	G1414	256666,762	7583036,921
G1226	276905,192	7577964,126	G1289	269522,892	7584611,989	G1352	265159,904	7579919,594	G1415	256491,778	7582842,292
G1227	277260,806	7577383,371	G1290	269090,297	7584682,633	G1353	265239,279	7579837,044	G1416	256522,828	7582699,312
G1228	277720,194	7577784,901	G1291	267668,159	7584693,746	G1354	265328,179	7579662,419	G1417	256480,495	7582605,121
G1229	277830,260	7577729,867	G1292	267278,364	7584841,754	G1355	265387,446	7579433,818	G1418	256232,844	7582578,662
G1230	277868,361	7577618,742	G1293	266612,745	7584530,199	G1356	265418,138	7579039,059	G1419	256057,161	7582631,579
G1231	277396,893	7577204,258	G1294	266399,226	7584366,686	G1357	265333,471	7578895,126	G1420	255897,352	7582859,121
G1232	277823,910	7576633,432	G1295	265992,825	7584246,829	G1358	265205,412	7578900,417	G1421	255756,382	7582817,896
G1233	277887,411	7575963,505	G1296	265484,824	7584206,348	G1359	265151,437	7578994,609	G1422	255670,127	7582860,229
G1234	277786,869	7575895,772	G1297	264922,848	7583879,322	G1360	265187,420	7579089,859	G1423	255631,498	7582947,542
G1235	277672,568	7575945,514	G1298	264842,679	7583894,404	G1361	265159,904	7579421,118	G1424	255671,422	7583011,869
G1236	277599,543	7576559,348	G1299	264789,498	7583961,872	G1362	265110,162	7579595,744	G1425	256142,971	7583204,762

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
G1426	256250,078	7583062,928	G1489	268222,726	7585167,880	G1552	269376,400	7595449,741	G1615	271454,883	7585588,304
G1427	256556,381	7583347,856	G1490	268287,285	7585255,722	G1553	269305,492	7595253,949	G1616	271628,404	7585721,876
G1428	256753,545	7583578,789	G1491	269288,735	7585178,728	G1554	269106,525	7595315,332	G1617	271858,902	7585803,410
G1429	256873,137	7583630,648	G1492	269418,910	7585514,485	G1555	269149,917	7595503,716	G1618	272007,334	7585825,635
G1430	257165,238	7583454,964	G1493	269584,275	7587647,295	G1556	268995,852	7595550,911	G1619	272031,147	7585935,173
G1431	257429,822	7583198,847	G1494	265126,566	7589026,306	G1557	268884,032	7595437,589	G1620	272134,334	7585962,161
G1432	258076,464	7583263,405	G1495	264703,232	7589448,582	G1558	268650,382	7595540,758	G1621	272425,641	7585946,286
G1433	258331,523	7583387,230	G1496	263969,805	7589729,041	G1559	268653,557	7595711,150	G1622	272493,110	7585899,454
G1434	258356,923	7583629,589	G1497	263652,305	7590021,142	G1560	268373,098	7595557,691	G1623	272720,917	7585932,792
G1435	258607,749	7583787,281	G1498	263688,288	7590147,083	G1561	267774,081	7595518,533	G1624	273005,874	7585895,485
G1436	258740,041	7584034,932	G1499	263803,647	7590177,775	G1562	267705,289	7595440,216	G1625	273317,818	7585797,060
G1437	258753,799	7584439,216	G1500	264104,214	7589915,308	G1563	267584,638	7595444,449	G1626	273795,842	7585789,595
G1438	258889,266	7584810,692	G1501	264819,649	7589647,549	G1564	267539,130	7595541,816	G1627	274302,784	7585587,452
G1439	259025,791	7585111,259	G1502	265257,800	7589221,040	G1565	266982,446	7595478,316	G1628	274351,468	7585476,327
G1440	259120,308	7585230,790	G1503	269602,267	7587899,179	G1566	266913,654	7595582,033	G1629	274997,052	7585035,001
G1441	258913,932	7585770,541	G1504	269709,159	7589190,348	G1567	266965,512	7595692,100	G1630	275539,042	7585092,585
G1442	258957,324	7585964,216	G1505	269703,016	7589324,766	G1568	267435,413	7595775,708	G1631	275850,237	7585349,748
G1443	258846,199	7586437,292	G1506	269564,167	7589357,565	G1569	267756,089	7595741,842	G1632	276093,488	7585767,370
G1444	259008,124	7586600,276	G1507	269473,503	7589223,157	G1570	268310,656	7595784,175	G1633	276099,995	7585925,878
G1445	258959,248	7586709,306	G1508	269379,311	7589215,748	G1571	268614,399	7595946,100	G1634	275368,685	7586659,305
G1446	258946,004	7586833,690	G1509	269306,286	7589283,482	G1572	268334,998	7596160,942	G1635	275373,447	7586756,143
G1447	258993,629	7586910,949	G1510	269284,061	7589439,057	G1573	267984,689	7596661,535	G1636	275586,702	7586928,651
G1448	259083,587	7586932,116	G1511	269031,118	7589606,274	G1574	267900,022	7596726,094	G1637	275703,648	7586899,018
G1449	259181,229	7586893,186	G1512	268946,452	7589581,932	G1575	267912,722	7596835,102	G1638	275724,286	7586778,897
G1450	259199,683	7586757,968	G1513	268853,318	7589650,724	G1576	268006,914	7596904,952	G1639	275637,502	7586692,113
G1451	259362,667	7586706,109	G1514	268879,776	7589816,883	G1577	268133,914	7596832,985	G1640	276264,929	7586080,576
G1452	259377,483	7586470,101	G1515	268985,610	7589869,800	G1578	268508,565	7596311,226	G1641	276948,623	7586708,371
G1453	259126,658	7586330,400	G1516	269247,019	7589752,324	G1579	268771,032	7596120,726	G1642	277188,600	7587200,232
G1454	259256,833	7586058,408	G1517	269406,827	7589626,383	G1580	268875,808	7596103,792	G1643	277782,931	7588126,044
G1455	259245,191	7585877,433	G1518	269696,811	7589559,707	G1581	269043,025	7595772,533	G1644	277401,930	7588313,370
G1456	259387,195	7585749,110	G1519	269657,057	7590330,418	G1582	269207,067	7595725,967	G1645	277324,672	7588244,578
G1457	259566,451	7585712,729	G1520	269581,670	7590820,509	G1583	269261,042	7595821,217	G1646	277197,671	7588315,486
G1458	259699,951	7585714,510	G1521	268853,169	7590683,379	G1584	269339,359	7595825,450	G1647	277205,080	7588423,436
G1459	259817,426	7585659,477	G1522	268029,668	7591007,907	G1585	269473,767	7595981,025	G1648	276781,746	7588988,588
G1460	259862,935	7585574,810	G1523	267618,505	7591388,908	G1586	269598,651	7595959,859	G1649	276819,845	7589093,363
G1461	260034,385	7585548,351	G1524	267449,980	7591476,923	G1587	269737,293	7595743,958	G1650	276944,729	7589129,346
G1462	260117,994	7585590,685	G1525	267511,860	7591679,753	G1588	269883,343	7595641,300	G1651	277371,238	7588580,070
G1463	260228,060	7585554,701	G1526	267740,258	7591641,027	G1589	270056,910	7595589,441	G1652	277908,211	7588315,178
G1464	260316,961	7585472,151	G1527	268072,913	7591279,911	G1590	270082,310	7595406,349	G1653	278850,394	7589788,381
G1465	260549,794	7585387,484	G1528	268827,819	7590944,878	G1591	270460,136	7595246,541	G1654	278403,909	7589891,877
G1466	260653,946	7585402,405	G1529	269547,148	7591044,150	G1592	270109,245	7593728,191	G1655	278287,492	7589872,827
G1467	261025,422	7585318,268	G1530	269491,422	7591287,095	G1593	269836,526	7592843,634	G1656	278199,650	7589938,444
G1468	261096,860	7584946,792	G1531	269454,063	7592156,978	G1594	269690,657	7592092,938	G1657	277794,308	7590029,461
G1469	261192,204	7584782,116	G1532	269539,450	7592528,768	G1595	269729,512	7591323,327	G1658	277735,041	7590112,011
G1470	261295,921	7584745,075	G1533	268698,029	7592729,782	G1596	269890,828	7590431,834	G1659	277758,325	7590198,794
G1471	261405,988	7584618,075	G1534	268523,382	7592736,698	G1597	269930,351	7589284,540	G1660	277818,650	7590252,769
G1472	261467,371	7584409,582	G1535	268394,224	7592653,001	G1598	272177,550	7589074,990	G1661	278979,776	7589989,993
G1473	261647,288	7584239,720	G1536	267951,881	7592692,248	G1599	272239,991	7589173,415	G1662	279698,915	7591127,440
G1474	262080,147	7584297,928	G1537	267624,855	7592774,798	G1600	272364,875	7589172,357	G1663	278843,114	7591460,613
G1475	262947,240	7584991,617	G1538	267588,343	7592881,161	G1601	272671,792	7588786,064	G1664	278791,260	7591234,905
G1476	263512,075	7585308,638	G1539	267326,405	7593022,449	G1602	272674,967	7588675,997	G1665	278411,317	7591166,113
G1477	263521,600	7585810,289	G1540	266993,029	7593330,424	G1603	272591,359	7588617,789	G1666	278339,351	7591300,521
G1478	263732,525	7586405,553	G1541	266926,354	7593551,087	G1604	272504,575	7588635,781	G1667	277830,291	7591315,338
G1479	264200,310	7586831,004	G1542	266988,796	7593634,696	G1605	272349,000	7588832,631	G1668	277775,258	7591417,997
G1480	264361,177	7586900,854	G1543	267116,854	7593636,812	G1606	269926,117	7589049,590	G1669	277828,175	7591528,064
G1481	265343,312	7586519,853	G1544	267199,404	7593454,779	G1607	269637,192	7585390,659	G1670	278407,084	7591527,005
G1482	265867,930	7586043,123	G1545	267395,196	7593267,453	G1608	269646,717	7585140,628	G1671	278545,726	7591647,656
G1483	266097,589	7585717,156	G1546	267670,364	7593096,003	G1609	269941,992	7585154,122	G1672	278163,667	7592096,390
G1484	266279,623	7585754,198	G1547	267947,274	7593102,617	G1610	270296,083	7585003,275	G1673	277875,800	7592241,382
G1485	266494,465	7585652,597	G1548	268090,523	7593001,811	G1611	270307,912	7584731,052	G1674	277852,516	7592364,149
G1486	267063,849	7585160,471	G1549	268684,249	7592999,694	G1612	270603,188	7584676,283	G1675	278186,950	7592675,299
G1487	267715,784	7584913,879	G1550	269579,072	7592760,511	G1613	271153,257	7585081,096	G1676	278308,659	7592646,724
G1488	268241,776	7584911,763	G1551	270193,207	7595112,706	G1614	271215,964	7585251,753	G1677	278347,817	7592528,191

ANEXO Nº 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA CENTRAL TARIJA

COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE
G1678	278266,326	7592438,232
G1679	278229,284	7592316,524
G1680	278529,851	7592149,306
G1681	278538,318	7592003,256
G1682	278775,385	7591727,031
G1683	279821,946	7591317,940
G1684	280606,173	7592566,511
G1685	279103,733	7593409,255
G1686	279053,463	7593388,088
G1687	278537,524	7593513,765
G1688	278516,357	7593282,255
G1689	278403,909	7593238,598
G1690	278300,721	7593302,098
G1691	278327,180	7593713,526
G1692	278127,419	7594270,475
G1693	278194,888	7594369,694
G1694	278327,180	7594356,465
G1695	278530,909	7593822,006
G1696	278651,295	7593791,578
G1697	278853,702	7594016,475
G1698	279067,320	7593971,103
G1699	279194,390	7593919,681
G1700	279278,359	7593987,371
G1701	279406,682	7593935,777
G1702	279408,907	7593832,873
G1703	279546,911	7593777,026
G1704	279614,380	7593688,391
G1705	279493,995	7593452,911
G1706	280728,411	7592753,837
G1707	281250,699	7593567,432
G1708	278527,470	7595022,687
G1709	278148,586	7595111,587
G1710	278078,736	7595044,912
G1711	277972,902	7595061,846
G1712	277909,402	7595168,737
G1713	276999,233	7595384,638
G1714	276780,158	7595406,863
G1715	276748,408	7595528,572
G1716	276806,616	7595621,705
G1717	277007,700	7595610,063
G1718	278332,736	7595298,913
G1719	278360,253	7595454,488
G1720	278574,037	7595519,047
G1721	278284,053	7597290,700
G1722	277524,168	7597924,643
G1723	277427,859	7597928,876
G1724	277370,709	7598020,952
G1725	277483,951	7598393,486
G1726	277553,801	7598435,819
G1727	277642,701	7598418,886
G1728	277694,560	7598345,861
G1729	277636,351	7598121,493
G1730	278142,236	7597698,159
G1731	278401,528	7597515,067
G1732	278457,620	7597685,459
G1733	278575,095	7597728,851
G1734	278666,112	7597665,351
G1735	278665,053	7597566,926
G1736	278834,387	7597602,909
G1737	278879,895	7597820,926
G1738	278973,029	7597849,501
G1739	279645,072	7600082,589
G1740	279721,272	7600610,698
G1741	279623,905	7600907,032
G1742	279669,414	7600999,107
G1743	279919,181	7601045,674
G1744	280021,839	7600998,049
G1745	280017,606	7600651,974
G1746	279945,639	7600601,173
G1747	279871,556	7600059,306
G1748	279078,862	7597424,050
G1749	278508,420	7597308,692
G1750	278867,196	7595098,887
G1751	279373,080	7594826,895
G1752	279503,255	7594831,128
G1753	279550,880	7594731,645
G1754	281376,112	7593757,932
G1755	284003,430	7597844,165
G1756	283743,873	7597934,653
G1757	283692,279	7597863,215
G1758	283584,329	7597867,978
G1759	283524,798	7597947,353
G1760	283535,116	7598011,647
G1761	282307,976	7598449,004
G1762	281846,013	7599015,743
G1763	281859,507	7599108,612
G1764	281553,118	7599829,338
G1765	281269,749	7599554,700
G1766	280889,542	7599593,594
G1767	280834,773	7599688,050
G1768	280887,161	7599811,082
G1769	281191,168	7599784,094
G1770	281957,932	7600532,602
G1771	282075,407	7600509,583
G1772	282122,238	7600387,345
G1773	281724,569	7599993,645
G1774	282154,782	7598985,580
G1775	282442,120	7598637,917
G1776	283994,698	7598082,291
G1777	284166,149	7598137,324
G1778	284252,932	7598038,899
G1779	284668,858	7598324,650
G1780	284676,266	7598393,441
G1781	284966,250	7598645,325
G1782	285527,624	7599324,224
G1783	285912,216	7600309,588
G1784	285882,848	7600371,501
G1785	285897,929	7600438,970
G1786	285141,484	7600781,871
G1787	284658,089	7600815,208
G1788	284601,732	7600876,327
G1789	284608,876	7600976,340
G1790	284664,439	7601030,315
G1791	285139,102	7601002,533
G1792	285227,209	7601066,034
G1793	285345,478	7601028,727
G1794	285360,559	7600927,127
G1795	286037,944	7600622,685
G1796	286389,914	7601518,236
G1797	286937,929	7602811,198
G1798	286015,722	7603044,164
G1799	285985,031	7603167,990
G1800	286063,347	7603255,832
G1801	287040,588	7603028,157
G1802	287403,207	7604288,370
G1803	287489,196	7605680,081
G1804	287670,436	7606870,444
G1805	286397,259	7606824,142
G1806	285987,154	7606558,235
G1807	285891,904	7606617,766
G1808	285864,122	7606746,089
G1809	286282,165	7607023,902
G1810	286341,696	7607113,861
G1811	286349,634	7607194,559
G1812	286526,905	7607321,559
G1813	286645,968	7607247,476
G1814	286638,030	7607067,559
G1815	287703,741	7607096,134
G1816	288174,204	7610220,076
G1817	288794,389	7611830,862
G1818	289064,229	7612012,049
G1819	289504,945	7612224,810