

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A1	380202,284	7574942,283	A64	382719,687	7579381,492	A127	384081,214	7582817,699	A190	384576,731	7587143,756
A2	379838,746	7574866,612	A65	382804,089	7579416,153	A128	384163,976	7582856,222	A191	384630,495	7587153,069
A3	379766,250	7574899,420	A66	382987,975	7579356,886	A129	384163,341	7582914,854	A192	384674,310	7587142,274
A4	379731,325	7574973,504	A67	383120,003	7579673,328	A130	384272,991	7583076,972	A193	384768,078	7587103,750
A5	379765,301	7575058,500	A68	382958,077	7579744,237	A131	384244,409	7583160,811	A194	384866,080	7587112,640
A6	379876,691	7575105,332	A69	382848,804	7579720,160	A132	384242,081	7583309,825	A195	384896,984	7587134,442
A7	380150,271	7575148,326	A70	382784,245	7579743,973	A133	384254,570	7583347,290	A196	384944,609	7587139,099
A8	380180,433	7575240,005	A71	382746,410	7579806,679	A134	384565,086	7583785,653	A197	385064,201	7587109,465
A9	380263,777	7575263,024	A72	382755,670	7579882,350	A135	384562,271	7583858,013	A198	385112,038	7587319,016
A10	380495,949	7575567,163	A73	382805,148	7579927,594	A136	384586,489	7583926,546	A199	385332,384	7587730,497
A11	380311,402	7575625,503	A74	382982,155	7579967,546	A137	384616,098	7583944,615	A200	385453,246	7587841,622
A12	380286,399	7575705,275	A75	383110,546	7579911,375	A138	384733,786	7584311,223	A201	385509,338	7588000,161
A13	380273,699	7575709,692	A76	383179,534	7579985,538	A139	384876,238	7585052,270	A202	385353,763	7588074,033
A14	380312,990	7576177,955	A77	383138,524	7580046,921	A140	384922,594	7585670,762	A203	385103,995	7587584,023
A15	380418,162	7576181,923	A78	383146,462	7580114,126	A141	384872,641	7585854,701	A204	385042,611	7587502,320
A16	380480,471	7576124,376	A79	383106,060	7580195,565	A142	384879,265	7586041,108	A205	385010,014	7587375,743
A17	380497,537	7575789,016	A80	383042,559	7580182,230	A143	384786,850	7586091,683	A206	384974,878	7587337,219
A18	380676,528	7575740,994	A81	382979,694	7580206,360	A144	384509,843	7585777,866	A207	384920,691	7587318,804
A19	380759,475	7575879,901	A82	382941,594	7580269,437	A145	384519,368	7585741,671	A208	384861,001	7587331,293
A20	381009,507	7575922,763	A83	382950,484	7580342,462	A146	384506,456	7585684,309	A209	384816,127	7587378,071
A21	381064,276	7575896,570	A84	382382,157	7580342,674	A147	384457,349	7585638,801	A210	384807,025	7587428,025
A22	381249,220	7575949,354	A85	382323,949	7580380,140	A148	384389,404	7585631,393	A211	384814,222	7587469,512
A23	381450,039	7576274,395	A86	382300,454	7580447,450	A149	384341,779	7585656,793	A212	384772,482	7587505,197
A24	381871,600	7576780,946	A87	382324,796	7580520,052	A150	384310,240	7585637,531	A213	384751,781	7587748,913
A25	381724,293	7576939,564	A88	382388,719	7580556,882	A151	384262,827	7585634,356	A214	384787,341	7587847,761
A26	381558,730	7577048,837	A89	383008,058	7580556,246	A152	384224,776	7585647,233	A215	384847,243	7587885,861
A27	381549,800	7577141,111	A90	383008,481	7580637,103	A153	383900,664	7585544,186	A216	384919,351	7587882,409
A28	381601,063	7577201,634	A91	383038,327	7580688,750	A154	383851,134	7585552,230	A217	385212,289	7588462,072
A29	381678,123	7577216,186	A92	383082,353	7580710,340	A155	383804,144	7585586,520	A218	385312,911	7588508,163
A30	381824,939	7577128,073	A93	383240,892	7580756,271	A156	383782,765	7585645,787	A219	385345,297	7588638,338
A31	381905,004	7577278,033	A94	383306,721	7580736,798	A157	383797,794	7585711,404	A220	385397,155	7588678,767
A32	381963,212	7577311,106	A95	383378,688	7580632,869	A158	383844,996	7585749,504	A221	385455,364	7588684,270
A33	382094,737	7577279,025	A96	383473,938	7580835,223	A159	384027,665	7585808,770	A222	385509,974	7588661,621
A34	382122,915	7577669,419	A97	383472,880	7580903,168	A160	384045,021	7585845,812	A223	385545,111	7588606,376
A35	382147,522	7577755,541	A98	383510,133	7580958,625	A161	384036,766	7585946,989	A224	385544,264	7588555,788
A36	382225,263	7577786,889	A99	383574,057	7580982,967	A162	384013,271	7585997,366	A225	385482,880	7588302,634
A37	382270,871	7577848,060	A100	383835,890	7580710,340	A163	384016,235	7586061,078	A226	385458,115	7588599,877
A38	382013,563	7578005,885	A101	383828,363	7581570,733	A164	384117,835	7586174,955	A227	385629,354	7588179,443
A39	381954,031	7577965,800	A102	384000,991	7582034,106	A165	384173,504	7586209,880	A228	385801,440	7588362,747
A40	381835,762	7578010,647	A103	384027,026	7582061,623	A166	384235,734	7586211,361	A229	385829,301	7588517,769
A41	381769,087	7577965,006	A104	384100,475	7582314,354	A167	384287,381	7586177,918	A230	385849,912	7588533,351
A42	381688,521	7577991,994	A105	384095,183	7582346,951	A168	384361,708	7586107,551	A231	385962,731	7588977,640
A43	381649,231	7578055,891	A106	384119,011	7582481,001	A169	384566,782	7586238,878	A232	386036,870	7589207,494
A44	381649,628	7578133,282	A107	383998,875	7582527,926	A170	384575,037	7586301,108	A233	385891,611	7589318,636
A45	381775,437	7578226,944	A108	383775,142	7582396,693	A171	384619,275	7586352,755	A234	385679,731	7588952,452
A46	381780,597	7578324,973	A109	383713,335	7582398,386	A172	384680,659	7586364,396	A235	385646,711	7588861,435
A47	381865,528	7578381,329	A110	383662,535	7582432,888	A173	384762,574	7586348,310	A236	385600,356	7588821,219
A48	381956,810	7578353,151	A111	383644,755	7582472,258	A174	384794,536	7586421,547	A237	385537,067	7588814,869
A49	381997,291	7578263,060	A112	383417,001	7582596,719	A175	384823,958	7586466,843	A238	385476,742	7588844,079
A50	382101,702	7578202,550	A113	383385,463	7582644,344	A176	384872,430	7586493,937	A239	385449,649	7588901,229
A51	382168,000	7578236,628	A114	383383,981	7582690,488	A177	384941,857	7586491,397	A240	385450,919	7588944,409
A52	382262,106	7578198,250	A115	383398,163	7582803,941	A178	385007,262	7586839,801	A241	385506,746	7589111,238
A53	382280,958	7578127,474	A116	383446,847	7582855,376	A179	384984,825	7586847,421	A242	385421,286	7589184,863
A54	382460,412	7578085,405	A117	383510,558	7582865,536	A180	384946,937	7586824,984	A243	385400,966	7589237,992
A55	382593,167	7578254,408	A118	383569,402	7582841,830	A181	384892,115	7586825,619	A244	385409,856	7589295,777
A56	382784,078	7578630,002	A119	383601,152	7582792,934	A182	384839,622	7586852,713	A245	385452,189	7589344,249
A57	382759,758	7578860,579	A120	383609,407	7582733,667	A183	384815,492	7586894,411	A246	385510,186	7589357,795
A58	382791,388	7578928,789	A121	383775,142	7582643,285	A184	384744,160	7586888,908	A247	385554,636	7589346,789
A59	382858,593	7578962,656	A122	383879,495	7582704,245	A185	384716,643	7586894,200	A248	385623,640	7589297,893
A60	382857,535	7579082,777	A123	383877,801	7582788,701	A186	384567,206	7586955,584	A249	385666,608	7589374,517
A61	382902,779	7579152,892	A124	383906,165	7582845,216	A187	384534,397	7586989,450	A250	385743,020	7589473,577
A62	382733,709	7579213,217	A125	383963,950	7582872,733	A188	384518,522	7587040,251	A251	385741,750	7589506,809
A63	382691,905	7579292,063	A126	384031,895	7582867,229	A189	384531,223	7587097,824	A252	385796,850	7589631,307

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

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A253	385779,851	7589679,953	A316	387392,972	7594441,408	A379	387217,729	7596671,908	A442	381863,034	7607807,331
A254	385791,493	7589738,796	A317	387416,044	7594687,577	A380	386995,180	7597290,279	A443	381845,836	7607868,714
A255	385835,943	7589784,516	A318	387309,770	7594908,069	A381	386630,438	7597948,238	A444	381864,357	7607932,479
A256	385896,903	7589797,216	A319	387370,595	7595146,886	A382	386622,295	7598043,776	A445	381906,162	7607963,171
A257	385949,185	7589777,955	A320	387501,135	7595300,778	A383	386580,032	7598055,810	A446	381624,116	7608869,107
A258	385974,797	7589809,705	A321	387521,417	7595379,127	A384	386537,963	7598097,085	A447	381594,483	7609029,974
A259	386039,355	7589826,003	A322	387687,191	7595604,943	A385	386524,999	7598160,056	A448	381472,245	7609101,412
A260	386094,177	7589807,800	A323	387701,986	7595774,708	A386	386549,076	7598219,323	A449	380988,849	7609206,453
A261	386129,015	7589770,846	A324	387740,847	7595848,209	A387	386588,499	7598248,957	A450	381021,589	7608669,316
A262	386208,689	7589850,556	A325	387558,921	7595982,135	A388	386543,520	7598521,478	A451	381054,466	7608641,301
A263	386132,701	7590016,080	A326	387486,108	7596069,553	A389	386497,482	7598528,622	A452	381069,282	7608587,061
A264	386135,664	7590066,669	A327	387125,003	7596271,908	A390	386453,561	7598570,162	A453	381060,551	7608533,350
A265	386161,276	7590110,060	A328	386875,447	7596268,310	A391	386438,215	7598624,137	A454	380957,363	7608132,506
A266	386194,931	7590132,074	A329	386753,950	7596223,436	A392	386450,651	7598685,521	A455	380931,963	7608059,745
A267	386249,330	7590383,111	A330	386698,282	7596232,750	A393	386509,124	7598734,998	A456	380888,813	7607353,260
A268	386292,722	7590426,715	A331	386660,182	7596261,537	A394	386491,397	7598843,477	A457	381432,269	7607313,307
A269	386354,952	7590440,050	A332	386562,815	7596399,756	A395	386019,644	7599181,087	A458	381335,167	7607497,987
A270	386416,124	7590416,766	A333	386487,250	7596375,414	A396	385539,953	7599303,590	A459	381219,279	7607591,650
A271	386452,742	7590358,769	A334	386289,552	7596352,554	A397	385501,588	7599334,018	A460	381200,229	7607646,155
A272	386451,472	7590310,509	A335	386248,277	7596362,079	A398	385233,829	7599805,507	A461	381209,490	7607844,328
A273	386428,252	7590205,443	A336	386213,987	7596389,173	A399	385070,052	7600344,730	A462	381252,882	7607900,949
A274	386616,361	7590206,580	A337	386127,627	7596503,050	A400	384471,564	7601349,357	A463	381316,117	7607914,707
A275	386616,040	7590267,524	A338	386110,058	7596554,908	A401	383764,331	7602066,381	A464	381376,707	7607897,774
A276	386672,349	7590385,880	A339	386037,668	7596579,673	A402	383586,266	7602269,052	A465	381423,497	7607843,153
A277	386738,917	7590723,472	A340	385715,722	7596740,329	A403	383507,155	7602365,096	A466	381417,188	7607705,686
A278	386866,172	7590930,138	A341	385684,396	7596784,779	A404	383503,157	7602431,373	A467	381498,945	7607639,540
A279	386787,812	7590979,378	A342	385678,257	7596842,776	A405	383675,167	7602824,944	A468	381612,980	7607459,887
A280	386761,142	7591031,024	A343	385708,526	7596902,890	A406	383760,363	7603090,321	A469	381665,368	7607477,614
A281	386765,799	7591096,218	A344	385776,894	7596954,960	A407	383702,684	7603288,230	A470	381730,191	7607455,389
A282	386803,476	7591139,821	A345	385607,030	7597290,173	A408	383675,388	7603968,479	A471	381770,143	7607402,737
A283	386805,804	7591212,423	A346	385569,461	7597465,290	A409	383518,534	7603972,975	A472	381770,937	7607336,590
A284	386723,254	7591434,674	A347	385474,634	7597590,386	A410	383453,992	7604014,793	A473	381725,958	7607254,305
A285	386723,042	7591470,658	A348	385371,552	7597640,779	A411	383403,338	7604142,838	A474	381863,277	7607701,098
A286	386732,991	7591501,984	A349	385145,703	7597729,875	A412	383490,488	7604388,636	A475	381843,697	7606928,866
A287	386846,445	7591709,630	A350	384916,044	7597795,704	A413	383544,464	7604521,987	A476	381792,633	7606884,416
A288	386880,735	7591738,205	A351	384873,711	7597828,724	A414	383467,734	7604653,221	A477	381723,312	7606879,918
A289	386991,437	7591776,305	A352	384853,814	7597882,699	A415	383445,774	7604727,304	A478	381665,897	7606915,902
A290	387108,065	7591767,838	A353	384863,127	7597943,448	A416	383224,317	7604941,353	A479	381569,853	7607092,644
A291	387137,276	7591834,725	A354	384913,928	7597994,671	A417	383147,059	7605122,858	A480	381449,467	7607032,319
A292	387192,677	7591894,184	A355	384986,329	7598003,043	A418	383139,121	7605254,621	A481	381380,411	7607046,607
A293	387166,274	7591944,369	A356	385242,012	7597920,164	A419	383108,165	7605329,234	A482	381315,058	7607098,201
A294	387160,771	7591976,119	A357	385440,556	7597809,461	A420	383093,878	7605467,876	A483	381264,523	7606947,917
A295	387166,698	7592090,419	A358	385584,516	7597787,361	A421	383120,601	7605928,252	A484	381247,324	7606793,400
A296	387180,879	7592159,211	A359	385696,462	7597668,067	A422	383163,199	7606125,367	A485	381276,958	7606720,110
A297	387199,506	7592192,443	A360	385767,793	7597547,629	A423	383118,220	7606192,043	A486	381257,114	7606650,789
A298	387392,124	7592356,696	A361	385873,627	7597251,717	A424	383020,060	7606387,835	A487	381200,228	7606606,868
A299	387392,759	7592441,363	A362	385980,307	7597022,482	A425	382968,466	7606593,152	A488	381122,970	7606609,778
A300	387317,194	7592534,709	A363	386004,885	7596944,802	A426	382900,997	7606544,204	A489	381073,757	7606653,699
A301	387306,399	7592579,794	A364	385988,138	7596842,353	A427	382843,053	7606533,357	A490	381034,599	7606747,627
A302	387315,077	7592628,901	A365	386251,241	7596731,227	A428	382774,526	7606567,223	A491	381030,365	7606786,256
A303	387350,425	7592671,446	A366	386287,436	7596696,725	A429	382749,390	7606631,253	A492	381056,824	7606998,717
A304	387385,139	7592685,839	A367	386341,834	7596572,265	A430	382752,830	7606822,812	A493	381084,076	7607115,663
A305	387372,651	7592726,268	A368	386588,427	7596631,531	A431	382703,617	7606844,508	A494	380868,969	7607140,799
A306	387342,806	7592988,947	A369	386637,534	7596625,816	A432	382672,926	7606905,627	A495	380859,179	7606688,625
A307	387352,331	7593029,164	A370	386676,269	7596600,416	A433	382678,747	7606971,773	A496	380832,985	7606550,247
A308	387467,055	7593223,263	A371	386784,854	7596461,351	A434	382784,051	7607098,508	A497	380825,841	7606395,730
A309	387432,130	7593458,213	A372	386840,734	7596480,824	A435	382785,374	7607182,117	A498	380919,504	7606715,067
A310	387441,232	7593748,198	A373	387043,511	7596482,940	A436	382726,637	7607336,105	A499	380927,230	7605970,030
A311	387448,005	7593821,858	A374	387065,102	7596517,865	A437	382405,696	7607336,635	A500	380880,178	7605891,670
A312	387271,236	7594202,429	A375	387108,282	7596543,054	A438	382366,008	7607350,128	A501	380837,482	7605540,329
A313	387280,365	7594328,801	A376	387154,637	7596547,075	A439	382104,070	7607496,179	A502	381055,500	7605532,127
A314	387294,547	7594360,340	A377	387186,810	7596536,492	A440	381962,782	7607761,028	A503	381153,660	7605508,314
A315	387317,830	7594388,280	A378	387222,159	7596577,344	A441	381911,718	7607766,585	A504	381192,025	7605480,798

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SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A505	381213,192	7605437,141	A568	375580,718	7599806,531	A631	373571,459	7593449,633	A694	373109,229	7591376,352
A506	381295,213	7605091,065	A569	375517,218	7599802,033	A632	373798,793	7593653,123	A695	373099,704	7591417,627
A507	381266,902	7605025,448	A570	375476,207	7599765,256	A633	374021,517	7593710,513	A696	372832,738	7591403,869
A508	381206,577	7604992,640	A571	375496,580	7599718,425	A634	374080,784	7593693,050	A697	372815,540	7591361,271
A509	381135,139	7604998,990	A572	375483,086	7599656,247	A635	374121,795	7593646,748	A698	372678,486	7591241,414
A510	381084,339	7605052,700	A573	375449,219	7599619,206	A636	374130,791	7593580,337	A699	372635,623	7591099,068
A511	381021,104	7605321,253	A574	375427,599	7599610,215	A637	374099,040	7593524,510	A700	372767,915	7591012,814
A512	380848,859	7605325,487	A575	375298,935	7599212,804	A638	374058,294	7593498,845	A701	372967,676	7591006,199
A513	380814,463	7605294,795	A576	375240,726	7599866,308	A639	374055,894	7593457,570	A702	373085,416	7590976,830
A514	380772,924	7605285,270	A577	375198,393	7598840,799	A640	373813,818	7593358,351	A703	373086,210	7591068,376
A515	380693,283	7605089,213	A578	375136,480	7598825,718	A641	373549,499	7593165,470	A704	373121,929	7591122,087
A516	380626,873	7604751,075	A579	375071,128	7598849,531	A642	373476,738	7593160,178	A705	373182,518	7591146,164
A517	380597,768	7604710,858	A580	375035,144	7598906,945	A643	373411,121	7593208,597	A706	373249,723	7591131,611
A518	379979,434	7604213,176	A581	375036,467	7598958,804	A644	373398,950	7593269,981	A707	373298,406	7591074,726
A519	379889,476	7604196,507	A582	375070,599	7599143,484	A645	373407,682	7593306,493	A708	373298,935	7590954,340
A520	379888,417	7604100,728	A583	374203,821	7599216,774	A646	373296,292	7593466,038	A709	373641,336	7591004,447
A521	379854,021	7604043,048	A584	374194,031	7598935,786	A647	373255,281	7593437,992	A710	374023,102	7591000,377
A522	379785,759	7604018,707	A585	374145,877	7598802,965	A648	373188,341	7593442,754	A711	374083,957	7590957,250
A523	379715,115	7604040,403	A586	374158,047	7598470,118	A649	373139,393	7593478,738	A712	374100,890	7590885,283
A524	379673,575	7604102,580	A587	374536,026	7598118,008	A650	373124,577	7593511,017	A713	374073,373	7590817,549
A525	379677,544	7604197,037	A588	374582,969	7597981,166	A651	373297,441	7593524,776	A714	374009,344	7590785,534
A526	379455,029	7604203,122	A589	374598,579	7597811,303	A652	373019,007	7593314,696	A715	373788,945	7590787,916
A527	379402,376	7604132,214	A590	374585,615	7597772,144	A653	372969,001	7593049,053	A716	373771,218	7590734,735
A528	379325,382	7603882,182	A591	374507,298	7597651,494	A654	373015,038	7593026,828	A717	373698,193	7590695,841
A529	379116,096	7603564,946	A592	374446,442	7597598,724	A655	373044,143	7592959,624	A718	373618,817	7590715,685
A530	379066,883	7603536,106	A593	374372,360	7597357,806	A656	373026,348	7592854,807	A719	373487,848	7590702,720
A531	378913,160	7603545,102	A594	374302,245	7597245,622	A657	373302,906	7592831,300	A720	373456,098	7590647,951
A532	378872,414	7603564,946	A595	374256,471	7597089,911	A658	373353,706	7592786,850	A721	373402,387	7590620,699
A533	378685,088	7603716,288	A596	374017,470	7596699,349	A659	373369,316	7592718,852	A722	373352,646	7590621,493
A534	378664,715	7603756,241	A597	373861,147	7596528,129	A660	373341,270	7592654,029	A723	373252,103	7590460,890
A535	378558,449	7603782,284	A598	373863,828	7596489,705	A661	373219,826	7592570,950	A724	373210,828	7590429,140
A536	378481,005	7603568,185	A599	373836,576	7596441,551	A662	373147,066	7592575,712	A725	373140,997	7590417,383
A537	377840,270	7603249,298	A600	373791,861	7596409,272	A663	373104,732	7592611,696	A726	372970,850	7590443,441
A538	377696,336	7603126,796	A601	373731,007	7596408,478	A664	373092,032	7592635,508	A727	372954,229	7590654,086
A539	377569,600	7603063,296	A602	373486,530	7596171,146	A665	372934,075	7592648,208	A728	372674,040	7590700,692
A540	377602,938	7602999,795	A603	373420,466	7595748,185	A666	372913,437	7592393,678	A729	372595,063	7590483,053
A541	377591,032	7602928,622	A604	373302,644	7595673,728	A667	373105,261	7592336,528	A730	372763,152	7590238,111
A542	377535,734	7602878,351	A605	373306,348	7595630,601	A668	373142,038	7592286,786	A731	372810,777	7590389,453
A543	377492,606	7602874,912	A606	373281,477	7595583,241	A669	373151,828	7592231,223	A732	372811,835	7590316,428
A544	377448,685	7602881,791	A607	373240,202	7595551,755	A670	373122,723	7592166,136	A733	372772,677	7590259,013
A545	377407,265	7602753,468	A608	373181,200	7595444,876	A671	373052,344	7592132,798	A734	372705,208	7590238,111
A546	377127,010	7602461,791	A609	373132,781	7595561,280	A672	372903,719	7592171,592	A735	372557,834	7590272,243
A547	377067,374	7602251,587	A610	372851,263	7595440,101	A673	372865,547	7591817,414	A736	372544,340	7590148,946
A548	376222,337	7601799,908	A611	372807,871	7595325,801	A674	372896,504	7591779,579	A737	372504,917	7590094,971
A549	376027,073	7601534,265	A612	372866,344	7595052,220	A675	372898,620	7591723,487	A738	372435,067	7590078,832
A550	375627,551	7601338,209	A613	372882,830	7594721,161	A676	372872,552	7591620,367	A739	372350,665	7590111,111
A551	375564,844	7601004,039	A614	372978,857	7594714,650	A677	373233,703	7591637,740	A740	372318,385	7589934,369
A552	375779,421	7600574,354	A615	373025,730	7594622,823	A678	373232,790	7591723,486	A741	372560,744	7589967,706
A553	375829,163	7600559,537	A616	373100,285	7594608,927	A679	373249,723	7591785,399	A742	372616,320	7589942,249
A554	375869,645	7600507,414	A617	373144,422	7594549,775	A680	373298,142	7591829,584	A743	372650,981	7589892,242
A555	375873,349	7600443,914	A618	373145,744	7594489,185	A681	373368,522	7591834,612	A744	372650,981	7589828,742
A556	375844,509	7600391,791	A619	373118,757	7594437,856	A682	373490,230	7591775,345	A745	372618,966	7589776,619
A557	375812,230	7600371,418	A620	373068,221	7594410,604	A683	373533,670	7591688,553	A746	372570,018	7589753,336
A558	375791,327	7600220,605	A621	372902,856	7594381,235	A684	373599,768	7591697,557	A747	372347,238	7589722,909
A559	375773,071	7600182,505	A622	372937,781	7593742,264	A685	373663,004	7591662,896	A748	372326,336	7589628,981
A560	375792,386	7600143,876	A623	373240,994	7593714,482	A686	373692,108	7591590,135	A749	372347,767	7589592,998
A561	375790,269	7600089,107	A624	373321,692	7593794,916	A687	373666,179	7591517,904	A750	372351,207	7589551,723
A562	375761,429	7600041,746	A625	373376,461	7593813,966	A688	373596,593	7591470,014	A751	372339,565	7589509,919
A563	375720,154	7600018,727	A626	373437,051	7593796,503	A689	373316,393	7591419,796	A752	372418,675	7589320,212
A564	375695,548	7600014,759	A627	373482,559	7593745,703	A690	373315,075	7591380,056	A753	372432,421	7588924,458
A565	375646,600	7599941,204	A628	373487,057	7593675,059	A691	373276,975	7591325,552	A754	372574,515	7588921,483
A566	375652,685	7599887,494	A629	373450,809	7593618,173	A692	373205,802	7591303,856	A755	372847,566	7588855,072
A567	375624,639	7599837,752	A630	373496,318	7593586,159	A693	373140,185	7591330,314	A756	372898,101	7588804,007

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A757	372904,716	7588724,897	A820	371125,913	7584777,831	A883	369947,456	7586135,414	A946	372205,685	7589273,380
A758	372859,207	7588663,249	A821	371079,875	7585138,989	A884	370121,817	7586346,817	A947	372132,131	7589453,033
A759	372794,384	7588647,109	A822	371110,302	7585199,050	A885	370182,232	7586688,525	A948	372081,066	7589478,169
A760	372639,073	7588674,626	A823	371170,628	7585231,329	A886	369943,488	7586874,398	A949	372053,020	7589547,490
A761	372620,552	7588572,761	A824	371243,653	7585219,687	A887	369919,411	7586827,037	A950	372069,160	7589611,519
A762	372573,192	7588526,194	A825	371292,834	7585167,051	A888	369860,144	7586797,139	A951	372113,081	7589652,001
A763	372525,831	7588518,786	A826	371346,576	7584737,350	A889	369791,087	7586805,342	A952	372120,754	7589691,159
A764	372511,014	7588277,485	A827	371205,552	7584477,264	A890	369738,170	7586860,375	A953	372075,245	7589797,257
A765	372545,939	7588237,533	A828	371236,508	7584447,366	A891	369722,560	7587014,363	A954	372148,536	7590192,546
A766	372552,554	7588177,208	A829	371251,854	7584392,861	A892	369678,375	7587067,016	A955	372085,036	7590223,502
A767	372504,702	7588046,684	A830	371238,360	7584335,711	A893	369688,164	7587149,566	A956	372056,990	7590304,994
A768	372657,329	7587994,380	A831	371196,556	7584294,436	A894	369739,494	7587200,101	A957	372112,121	7590425,812
A769	372697,017	7587933,790	A832	371138,877	7584481,736	A895	369805,640	7587209,097	A958	371898,768	7590452,103
A770	372690,402	7587857,325	A833	371088,341	7584296,553	A896	370062,815	7587108,555	A959	371842,677	7590509,783
A771	372635,104	7587803,879	A834	371051,828	7584250,780	A897	370197,224	7586951,127	A960	371842,941	7590585,718
A772	372592,770	7587800,440	A835	370995,207	7584235,699	A898	370493,029	7587155,386	A961	371882,629	7590644,721
A773	372604,147	7587590,889	A836	370740,942	7584238,345	A899	370696,230	7587185,284	A962	371949,040	7590661,919
A774	372560,755	7587530,828	A837	370293,530	7584375,135	A900	370871,914	7587345,621	A963	372155,415	7590636,783
A775	372492,757	7587511,514	A838	370256,224	7584415,617	A901	370930,916	7587364,142	A964	372335,825	7590885,854
A776	372329,900	7587561,140	A839	370214,420	7584536,796	A902	371202,909	7587290,588	A965	372263,366	7590986,034
A777	372221,542	7587208,212	A840	369989,523	7584732,060	A903	371338,112	7587380,811	A966	372255,429	7591050,063
A778	372455,450	7587033,410	A841	369975,236	7584777,568	A904	371320,254	7587444,479	A967	372280,829	7591101,922
A779	372470,796	7586952,448	A842	369952,217	7585003,523	A905	371447,509	7587570,274	A968	372326,602	7591134,201
A780	372433,225	7586889,477	A843	370080,473	7585549,078	A906	371278,316	7587711,276	A969	372427,408	7591148,224
A781	372385,436	7586860,108	A844	370243,309	7585660,819	A907	371261,383	7587773,189	A970	372476,540	7591325,087
A782	372309,135	7586877,041	A845	370210,525	7585770,582	A908	371267,733	7587804,410	A971	372396,981	7591359,362
A783	372081,593	7587026,532	A846	370034,504	7585764,732	A909	371114,009	7588089,103	A972	372371,846	7591447,204
A784	371872,042	7586948,479	A847	369956,449	7585822,722	A910	370878,000	7588190,968	A973	372403,596	7591511,233
A785	371793,990	7586922,028	A848	369496,339	7585399,342	A911	370827,729	7588163,451	A974	372457,571	7591544,306
A786	371755,096	7587047,434	A849	369321,449	7585108,299	A912	370754,969	7588177,739	A975	372513,134	7591541,396
A787	371772,294	7587115,961	A850	369480,728	7585002,730	A913	370703,375	7588236,477	A976	372579,015	7591514,144
A788	371812,246	7587152,474	A851	369525,443	7585009,609	A914	370704,184	7588314,543	A977	372594,097	7591560,446
A789	371885,536	7587181,578	A852	369578,624	7584984,473	A915	371085,435	7588792,897	A978	372452,726	7591601,985
A790	371642,913	7587393,510	A853	369606,141	7584949,019	A916	371141,791	7588825,176	A979	372671,091	7592034,316
A791	371425,424	7587160,941	A854	369614,608	7584918,063	A917	371218,785	7588814,593	A980	372579,545	7592021,087
A792	371218,892	7587060,254	A855	369789,233	7584812,758	A918	371270,379	7588752,680	A981	372516,310	7592042,518
A793	370952,771	7587129,652	A856	369814,633	7584736,822	A919	371270,115	7588671,188	A982	372480,062	7592103,637
A794	370788,834	7586982,083	A857	369785,793	7584671,735	A920	371019,289	7588363,212	A983	372480,326	7592180,367
A795	370588,809	7586952,714	A858	369727,585	7584632,047	A921	371256,356	7588258,966	A984	372404,391	7592167,138
A796	370472,403	7586844,037	A859	369654,059	7584637,261	A922	371288,371	7588220,865	A985	372336,657	7592193,331
A797	370385,608	7586616,957	A860	369158,018	7584939,339	A923	371514,854	7587799,118	A986	372300,674	7592274,559
A798	370323,695	7586262,414	A861	369083,852	7584757,196	A924	371610,369	7587712,334	A987	372329,778	7592350,230
A799	370144,571	7585982,749	A862	369022,204	7584719,361	A925	371648,734	7587734,295	A988	372384,547	7592380,392
A800	370627,173	7585999,153	A863	368955,528	7584727,298	A926	371712,234	7587729,003	A989	372703,106	7592445,215
A801	370734,329	7585984,336	A864	368901,024	7584772,013	A927	371845,055	7587646,188	A990	372768,762	7592777,725
A802	370761,317	7586019,261	A865	368888,059	7584845,567	A928	371867,016	7587590,096	A991	372602,565	7593278,920
A803	370824,023	7586038,311	A866	368971,668	7585051,149	A929	371863,841	7587543,529	A992	372328,456	7593217,008
A804	370895,990	7586017,673	A867	369050,779	7585144,018	A930	371842,938	7587504,106	A993	372109,380	7593208,541
A805	370928,534	7585959,200	A868	368963,466	7585265,727	A931	372036,085	7587334,243	A994	372047,732	7593266,485
A806	370991,769	7585949,410	A869	368974,050	7585351,452	A932	372115,460	7587594,065	A995	372040,588	7593351,152
A807	371040,982	7585900,462	A870	369042,577	7585403,311	A933	372105,671	7587640,896	A996	372096,151	7593417,827
A808	371051,936	7585828,495	A871	369116,661	7585396,696	A934	372140,331	7587858,120	A997	372489,592	7593471,733
A809	371013,994	7585763,143	A872	369205,032	7585323,406	A935	372139,538	7588062,908	A998	372401,217	7593484,805
A810	370947,584	7585740,124	A873	369303,986	7585493,534	A936	372227,329	7588320,895	A999	372422,119	7593841,426
A811	370656,002	7585778,976	A874	369181,749	7585600,955	A937	372296,436	7588346,806	A1000	372468,951	7593882,966
A812	370537,743	7585594,339	A875	369033,582	7585811,035	A938	372313,105	7588547,626	A1001	372537,478	7593889,316
A813	370269,983	7585410,453	A876	368931,452	7586064,507	A939	372254,767	7588565,510	A1002	372704,960	7594049,654
A814	370167,324	7584983,679	A877	368959,763	7586139,649	A940	372170,230	7588748,181	A1003	372694,906	7594216,077
A815	370183,464	7584845,037	A878	369019,295	7586173,251	A941	372185,841	7588816,444	A1004	372514,459	7594187,238
A816	370397,777	7584660,886	A879	369083,059	7586170,076	A942	372219,708	7588848,723	A1005	372444,080	7594237,244
A817	370434,554	7584554,523	A880	369135,712	7586130,124	A943	372214,151	7589053,776	A1006	372429,263	7594321,382
A818	370779,572	7584450,012	A881	369226,728	7585906,550	A944	372181,078	7589090,024	A1007	372470,539	7594384,618
A819	370933,295	7584450,541	A882	369439,896	7585661,457	A945	372177,639	7589148,761	A1008	372524,249	7594407,107

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A1009	372681,614	7594430,895	A1072	371656,152	7597738,488	A1135	371678,116	7601509,871	A1198	375057,091	7602775,435
A1010	372653,367	7595032,320	A1073	372064,934	7597779,233	A1136	371617,526	7601541,886	A1199	375091,487	7602827,558
A1011	372583,291	7595359,174	A1074	372035,566	7597859,402	A1137	371584,453	7601606,180	A1200	375143,346	7602847,667
A1012	372685,285	7595608,924	A1075	372058,320	7597930,311	A1138	371600,857	7601678,147	A1201	375288,338	7602849,519
A1013	373071,675	7595767,599	A1076	372120,497	7597973,438	A1139	371678,381	7601749,320	A1202	375256,059	7602991,071
A1014	373224,605	7595879,253	A1077	372205,429	7597961,532	A1140	371668,591	7601898,281	A1203	375145,463	7603262,799
A1015	373282,814	7596250,200	A1078	372255,964	7597897,238	A1141	371697,166	7601953,579	A1204	375048,890	7603952,306
A1016	373301,070	7596292,798	A1079	372313,908	7597914,965	A1142	371741,881	7601977,656	A1205	375064,833	7604026,342
A1017	373840,823	7596832,549	A1080	372374,498	7597888,771	A1143	371798,238	7601983,741	A1206	375150,226	7604052,848
A1018	374108,053	7597339,228	A1081	372408,894	7597844,056	A1144	372004,878	7601941,143	A1207	375234,631	7604040,306
A1019	374176,316	7597446,649	A1082	372416,302	7597811,248	A1145	372058,853	7601919,712	A1208	375262,939	7603963,418
A1020	374238,341	7597713,851	A1083	372951,027	7597909,937	A1146	372094,572	7601876,320	A1209	375354,220	7603314,658
A1021	374380,840	7597851,462	A1084	372942,560	7597862,854	A1147	372102,245	7601822,344	A1210	375446,559	7603090,290
A1022	374359,400	7597961,878	A1085	372966,902	7598016,564	A1148	372205,697	7601777,365	A1211	375512,176	7603100,344
A1023	374081,596	7598222,939	A1086	373039,212	7598066,676	A1149	372262,847	7601776,042	A1212	375571,708	7603074,944
A1024	374027,303	7598291,966	A1087	372848,369	7598576,160	A1150	372311,266	7601745,086	A1213	375604,781	7603019,117
A1025	373881,041	7598312,369	A1088	372763,702	7598693,106	A1151	372338,518	7601691,110	A1214	375603,193	7602952,971
A1026	373849,026	7598153,353	A1089	371646,892	7598868,527	A1152	372332,168	7601633,431	A1215	375562,182	7602899,789
A1027	373800,078	7598096,468	A1090	371588,155	7598907,421	A1153	372222,101	7601456,424	A1216	375499,740	7602880,739
A1028	373725,730	7598087,737	A1091	371564,871	7598982,034	A1154	372761,323	7601099,764	A1217	375564,034	7602567,472
A1029	373677,158	7598114,441	A1092	371601,384	7599059,028	A1155	373143,118	7601073,305	A1218	375730,722	7602373,531
A1030	373210,863	7597784,985	A1093	371669,118	7599085,221	A1156	373132,006	7601161,147	A1219	375924,662	7602072,434
A1031	373213,494	7597683,453	A1094	372457,843	7598969,597	A1157	373094,964	7601192,633	A1220	376078,121	7601958,663
A1032	373187,565	7597621,275	A1095	372868,213	7598890,222	A1158	373075,914	7601254,546	A1221	376239,517	7602070,846
A1033	373123,536	7597582,911	A1096	373007,907	7598770,528	A1159	373097,345	7601319,898	A1222	376885,367	7602401,576
A1034	373041,779	7597597,992	A1097	373240,218	7598184,311	A1160	373155,818	7601359,586	A1223	376922,715	7602565,800
A1035	373003,679	7597648,792	A1098	373320,122	7598137,479	A1161	373228,579	7601357,469	A1224	377220,861	7602868,037
A1036	372993,084	7597691,893	A1099	373485,884	7598277,205	A1162	373333,950	7601286,286	A1225	377290,448	7603104,236
A1037	372631,409	7597621,276	A1100	373477,021	7598307,871	A1163	373387,594	7600842,588	A1226	377435,968	7603229,988
A1038	372381,906	7597591,378	A1101	373492,367	7598366,609	A1164	373400,822	7600093,285	A1227	377427,766	7603276,026
A1039	372332,808	7597460,430	A1102	373541,050	7598410,265	A1165	373622,753	7599676,674	A1228	377447,081	7603328,414
A1040	372523,194	7597370,979	A1103	373607,725	7598417,938	A1166	374148,709	7599457,166	A1229	377483,858	7603360,164
A1041	372548,065	7597285,783	A1104	373665,405	7598386,717	A1167	375069,554	7599358,467	A1230	377532,277	7603375,509
A1042	372511,817	7597212,229	A1105	373769,916	7598515,305	A1168	375136,483	7599410,337	A1231	377577,785	7603364,926
A1043	372434,174	7597177,448	A1106	373825,214	7598533,561	A1169	375236,243	7599783,918	A1232	377623,558	7603344,024
A1044	372203,576	7597284,725	A1107	373943,747	7598520,861	A1170	375260,320	7600014,900	A1233	377723,307	7603428,955
A1045	372071,284	7597014,056	A1108	373932,371	7598841,272	A1171	375300,801	7600063,848	A1234	377966,989	7603566,803
A1046	371785,268	7596558,971	A1109	373982,906	7598979,914	A1172	375359,804	7600082,104	A1235	378306,980	7603722,643
A1047	371785,268	7596520,077	A1110	373984,340	7599273,740	A1173	375409,810	7600068,875	A1236	378358,309	7603857,316
A1048	371842,947	7596497,059	A1111	373514,810	7599475,527	A1174	375450,027	7600037,654	A1237	378349,313	7603900,708
A1049	371873,903	7596425,356	A1112	372856,836	7599235,769	A1175	375585,759	7600286,628	A1238	378371,213	7603962,776
A1050	371856,705	7596350,744	A1113	372733,712	7599262,538	A1176	375606,033	7600430,720	A1239	378408,316	7603986,963
A1051	371790,030	7596305,764	A1114	372692,000	7599325,727	A1177	375346,391	7600962,040	A1240	378438,743	7604062,105
A1052	371741,082	7596309,733	A1115	372693,323	7599395,578	A1178	375362,684	7601164,117	A1241	378477,637	7604097,823
A1053	371617,257	7596345,452	A1116	372733,805	7599450,611	A1179	375288,067	7601219,429	A1242	378526,675	7604114,101
A1054	371569,102	7596401,544	A1117	372792,543	7599469,132	A1180	375283,304	7601311,901	A1243	378779,263	7604042,525
A1055	371573,071	7596603,422	A1118	372845,195	7599458,813	A1181	375348,789	7601378,179	A1244	378808,102	7604016,066
A1056	371407,971	7596601,570	A1119	373383,095	7599654,869	A1182	375416,689	7601375,291	A1245	378826,359	7603985,375
A1057	371343,677	7596656,074	A1120	373187,475	7600039,198	A1183	375464,403	7601561,866	A1246	378862,871	7603847,262
A1058	371337,591	7596740,212	A1121	373170,899	7600857,669	A1184	375450,791	7601611,264	A1247	378985,638	7603753,863
A1059	371380,190	7596794,716	A1122	372821,585	7600873,487	A1185	375468,783	7601667,885	A1248	379131,160	7603975,585
A1060	371430,196	7596816,412	A1123	372808,683	7600839,943	A1186	375507,677	7601703,075	A1249	379207,168	7604233,978
A1061	371635,778	7596819,322	A1124	372760,529	7600802,901	A1187	375559,006	7601719,215	A1250	379274,300	7604334,361
A1062	371667,263	7596858,216	A1125	372696,235	7600798,403	A1188	375613,775	7601703,869	A1251	379386,883	7604419,787
A1063	371722,826	7596886,791	A1126	372635,910	7600833,064	A1189	375723,842	7601623,435	A1252	379884,960	7604415,587
A1064	371996,744	7597361,308	A1127	372611,568	7600894,712	A1190	375949,797	7601788,271	A1253	380436,675	7604884,962
A1065	371815,167	7597426,014	A1128	372616,331	7600937,310	A1191	375764,853	7601926,913	A1254	380474,455	7605077,312
A1066	371777,860	7597481,047	A1129	372016,254	7601311,433	A1192	375598,175	7602182,251	A1255	380235,535	7605260,404
A1067	371775,214	7597533,700	A1130	371964,925	7601329,689	A1193	375450,712	7602183,283	A1256	380213,310	7605321,788
A1068	371642,129	7597521,529	A1131	371925,502	7601373,874	A1194	375317,316	7602636,395	A1257	380230,244	7605382,113
A1069	371575,189	7597560,158	A1132	371915,712	7601443,989	A1195	375137,789	7602634,676	A1258	380284,219	7605431,326
A1070	371550,318	7597646,148	A1133	371789,770	7601561,465	A1196	375086,724	7602659,812	A1259	380341,898	7605431,855
A1071	371595,827	7597718,380	A1134	371744,262	7601520,719	A1197	375053,651	7602713,787	A1260	380383,703	7605415,186

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A1261	380545,363	7605291,890	A1324	381073,499	7613148,567	A1387	380163,920	7614216,442	A1450	379825,660	7616834,481
A1262	380634,264	7605636,378	A1325	381123,058	7613193,713	A1388	380243,560	7614218,558	A1451	379864,686	7616772,635
A1263	380149,810	7605532,926	A1326	381189,071	7613195,479	A1389	380402,310	7614162,731	A1452	379861,048	7616698,220
A1264	380092,925	7605542,187	A1327	381257,964	7613455,313	A1390	380565,558	7614064,041	A1453	379826,983	7616662,501
A1265	380045,300	7605582,404	A1328	381479,951	7613884,204	A1391	380798,128	7614066,686	A1454	379887,837	7616428,014
A1266	380027,573	7605649,343	A1329	381450,318	7613929,977	A1392	380857,730	7614261,144	A1455	379873,285	7616372,120
A1267	380080,366	7605782,906	A1330	381456,932	7613988,450	A1393	380729,280	7614350,546	A1456	379822,022	7616286,461
A1268	379872,759	7606029,674	A1331	381486,830	7614040,309	A1394	380615,839	7614532,039	A1457	379756,537	7616258,018
A1269	379804,528	7605956,526	A1332	381537,895	7614060,152	A1395	380674,379	7614614,138	A1458	379678,485	7616278,854
A1270	379790,505	7605904,138	A1333	381637,114	7614459,674	A1396	380585,744	7614811,253	A1459	379637,805	7616348,308
A1271	379751,611	7605860,746	A1334	381207,516	7614822,828	A1397	380415,418	7614947,845	A1460	379646,735	7616415,446
A1272	379690,757	7605846,724	A1335	381149,969	7614800,007	A1398	380263,282	7615225,658	A1461	379663,271	7616440,912
A1273	379629,759	7605855,386	A1336	381076,547	7614822,167	A1399	380197,136	7615252,117	A1462	379609,693	7616644,642
A1274	379523,805	7605993,833	A1337	380951,862	7614556,260	A1400	380171,670	7615338,768	A1463	379048,775	7616974,712
A1275	379424,586	7606308,688	A1338	381091,430	7614333,347	A1401	380248,403	7615502,892	A1464	378973,369	7617205,231
A1276	379431,730	7606360,811	A1339	381111,935	7614250,995	A1402	380355,556	7615531,584	A1465	378977,007	7617300,150
A1277	379463,480	7606400,763	A1340	381045,249	7614000,540	A1403	380436,585	7615493,550	A1466	378707,356	7617259,070
A1278	379739,970	7606574,859	A1341	381015,616	7613956,884	A1404	380458,744	7615409,875	A1467	378697,026	7617145,223
A1279	379725,948	7606651,059	A1342	380983,601	7613937,569	A1405	380442,869	7615347,367	A1468	378369,432	7617069,156
A1280	379745,527	7606707,151	A1343	380968,183	7613633,019	A1406	380590,043	7615081,790	A1469	378349,122	7616963,353
A1281	379791,564	7606741,812	A1344	381015,351	7613616,893	A1407	380694,885	7614998,777	A1470	378668,104	7616722,558
A1282	379850,302	7606752,130	A1345	381057,420	7613571,120	A1408	380763,015	7615159,842	A1471	378692,248	7616699,875
A1283	379907,717	7606724,085	A1346	381064,828	7613505,503	A1409	380663,135	7615232,603	A1472	378650,576	7616621,161
A1284	379938,144	7606677,518	A1347	381024,611	7613348,869	A1410	380652,552	7615319,916	A1473	378591,044	7616603,368
A1285	379967,513	7606520,884	A1348	380978,044	7613307,329	A1411	380718,036	7615410,867	A1474	378536,540	7616609,454
A1286	379947,140	7606465,321	A1349	380915,073	7613297,275	A1412	380778,560	7615426,411	A1475	378108,443	7616834,615
A1287	379874,644	7606409,759	A1350	380859,775	7613316,855	A1413	380869,180	7615544,482	A1476	378049,970	7616790,959
A1288	379892,371	7606370,865	A1351	380788,602	7613076,877	A1414	380856,282	7615593,760	A1477	377985,411	7616784,344
A1289	379893,694	7606336,469	A1352	380951,321	7612977,393	A1415	380898,946	7615798,813	A1478	377916,884	7616824,826
A1290	380256,643	7605935,932	A1353	380978,309	7612922,359	A1416	380854,959	7615847,100	A1479	377843,838	7616932,568
A1291	380294,538	7605862,333	A1354	380971,694	7612863,357	A1417	380861,574	7615933,420	A1480	377649,389	7616791,753
A1292	380418,364	7605816,825	A1355	380937,563	7612815,203	A1418	380905,892	7615978,400	A1481	377664,730	7616426,804
A1293	380653,920	7605857,892	A1356	380879,619	7612793,507	A1419	380940,618	7615990,637	A1482	377732,618	7616380,840
A1294	380662,839	7605936,681	A1357	380827,760	7612802,768	A1420	380990,293	7616222,927	A1483	378025,248	7616378,194
A1295	380710,937	7606034,123	A1358	380711,872	7612873,412	A1421	380821,952	7616443,193	A1484	378062,819	7616266,011
A1296	380707,025	7606131,680	A1359	380508,142	7612660,686	A1422	380614,253	7616449,477	A1485	378018,165	7616177,621
A1297	380607,593	7606364,091	A1360	380572,436	7612443,727	A1423	380626,609	7616248,724	A1486	377484,218	7616159,119
A1298	380684,823	7607979,202	A1361	380640,434	7612478,388	A1424	380456,164	7616210,029	A1487	377670,555	7616071,290
A1299	380805,018	7608476,686	A1362	380704,728	7612464,629	A1425	380378,442	7616223,589	A1488	377548,317	7616081,874
A1300	380738,344	7609685,571	A1363	380751,030	7612422,560	A1426	380337,432	7616275,844	A1489	377495,400	7616124,737
A1301	380490,296	7609718,512	A1364	380765,318	7612362,764	A1427	380156,523	7616663,791	A1490	377484,817	7616164,424
A1302	380437,115	7609755,421	A1365	380744,680	7612298,470	A1428	380111,213	7616691,903	A1491	377410,204	7616159,133
A1303	380416,874	7609825,272	A1366	380550,211	7612174,645	A1429	380094,015	7616745,812	A1492	377347,498	7616200,937
A1304	380444,656	7609897,503	A1367	380489,356	7612169,883	A1430	380096,330	7616798,729	A1493	377327,919	7616272,639
A1305	380515,300	7609933,619	A1368	380434,587	7612196,870	A1431	380115,512	7616826,841	A1494	377353,319	7616340,108
A1306	380663,101	7609917,033	A1369	380407,071	7612247,141	A1432	380021,585	7617322,606	A1495	377402,003	7616368,419
A1307	380689,925	7610168,966	A1370	380277,160	7612691,114	A1433	379756,009	7617583,883	A1496	377440,367	7616375,562
A1308	380628,806	7610202,304	A1371	380296,475	7612750,116	A1434	379356,488	7618337,948	A1497	377436,663	7616750,743
A1309	380613,328	7610274,139	A1372	380413,421	7612870,766	A1435	379181,201	7618974,273	A1498	377005,920	7616834,352
A1310	380624,441	7610321,764	A1373	380393,313	7612929,768	A1436	379008,813	7618954,248	A1499	377010,153	7616495,949
A1311	380568,481	7610360,658	A1374	380481,155	7613147,521	A1437	379009,883	7618532,749	A1500	376955,649	7616435,624
A1312	380555,781	7610430,111	A1375	380519,255	7613180,330	A1438	379028,670	7618236,525	A1501	376885,534	7616426,892
A1313	380647,525	7610751,365	A1376	380564,235	7613191,971	A1439	379083,318	7618196,150	A1502	376824,944	7616455,468
A1314	380719,692	7610784,125	A1377	380599,160	7613188,267	A1440	379146,819	7617938,974	A1503	376796,899	7616514,205
A1315	380770,492	7610781,346	A1378	380692,723	7613505,745	A1441	379278,964	7617908,694	A1504	376795,311	7616624,801
A1316	380949,087	7612108,897	A1379	380537,777	7613586,202	A1442	379429,116	7617767,141	A1505	376747,951	7616655,758
A1317	380912,949	7612368,978	A1380	380509,202	7613674,837	A1443	379447,637	7617695,042	A1506	376726,519	7616728,783
A1318	380939,139	7612517,098	A1381	380540,687	7613738,867	A1444	379412,579	7617626,911	A1507	376752,449	7616791,490
A1319	380963,217	7612557,050	A1382	380284,041	7613978,316	A1445	379217,356	7617530,552	A1508	376791,872	7616820,329
A1320	381029,627	7612594,092	A1383	380152,807	7613998,953	A1446	379189,336	7617229,704	A1509	376740,543	7617231,758
A1321	381134,654	7612990,236	A1384	380090,630	7614032,820	A1447	379226,708	7617117,918	A1510	376759,593	7617292,083
A1322	381073,127	7613032,004	A1385	380062,319	7614107,962	A1448	379704,944	7616838,119	A1511	376804,572	7617335,739
A1323	381059,116	7613094,461	A1386	380093,805	7614188,660	A1449	379751,246	7616855,979	A1512	376865,162	7617341,560

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A1513	377101,965	7617284,939	A1576	375133,465	7617552,667	A1639	375333,890	7619508,605	A1702	374257,619	7621232,348
A1514	377156,599	7617226,636	A1577	375102,707	7617619,805	A1640	375274,689	7619620,392	A1703	374237,114	7621316,353
A1515	377129,217	7617031,467	A1578	375109,653	7617676,691	A1641	375216,811	7619602,533	A1704	374234,468	7621502,885
A1516	377515,245	7616958,971	A1579	375166,539	7617894,311	A1642	375147,027	7619638,913	A1705	374186,181	7621631,208
A1517	377703,570	7617094,934	A1580	375069,965	7617926,392	A1643	375053,100	7619772,198	A1706	373914,983	7621753,578
A1518	377681,307	7618207,099	A1581	375021,348	7617976,002	A1644	375068,314	7619857,526	A1707	373881,248	7621795,911
A1519	377391,444	7618261,331	A1582	375024,986	7618063,315	A1645	375123,546	7619900,190	A1708	373870,665	7621887,193
A1520	377346,382	7618323,597	A1583	375066,885	7618114,525	A1646	375096,095	7619965,013	A1709	373787,983	7621954,662
A1521	377346,382	7618369,568	A1584	374642,001	7618363,618	A1647	375130,822	7620046,373	A1710	373684,795	7621873,963
A1522	377252,455	7618410,910	A1585	374430,003	7618541,551	A1648	375213,174	7620079,777	A1711	373469,820	7621768,791
A1523	377175,379	7618322,587	A1586	374388,000	7618506,494	A1649	375294,864	7620044,389	A1712	373398,383	7621786,651
A1524	377075,845	7618320,621	A1587	374298,016	7618505,869	A1650	375417,234	7619808,578	A1713	373245,586	7621942,755
A1525	377002,080	7618355,862	A1588	373855,194	7618989,030	A1651	375477,758	7619782,781	A1714	373080,882	7622240,412
A1526	376962,941	7618296,586	A1589	373859,163	7619077,004	A1652	375600,128	7619676,616	A1715	373050,455	7622370,720
A1527	376885,412	7618282,825	A1590	373907,781	7619123,306	A1653	375643,867	7619544,960	A1716	373006,137	7622453,402
A1528	376810,682	7618321,524	A1591	373981,533	7619143,150	A1654	375746,972	7619556,230	A1717	372827,543	7622498,381
A1529	376761,554	7618470,770	A1592	374046,026	7619100,816	A1655	375828,001	7619545,647	A1718	372678,715	7622569,819
A1530	376756,029	7618525,012	A1593	374345,336	7618777,362	A1656	375973,853	7619498,021	A1719	372440,683	7622576,098
A1531	376657,141	7618546,179	A1594	374398,915	7618806,466	A1657	376009,902	7619432,206	A1720	372336,740	7622671,684
A1532	376649,534	7618437,699	A1595	374477,959	7618791,253	A1658	376023,462	7619318,104	A1721	372244,136	7622626,705
A1533	376593,309	7618377,176	A1596	374780,577	7618531,629	A1659	376135,910	7619268,825	A1722	372174,021	7622644,564
A1534	376398,840	7618314,999	A1597	375078,896	7618359,318	A1660	376179,567	7619215,908	A1723	372131,026	7622691,528
A1535	376437,535	7618242,569	A1598	375456,920	7618262,083	A1661	376184,528	7619094,861	A1724	372117,135	7622743,121
A1536	376417,361	7618163,194	A1599	375499,585	7618375,193	A1662	376146,494	7619050,212	A1725	372052,974	7622780,825
A1537	376348,238	7618117,222	A1600	375449,975	7618447,292	A1663	376158,069	7618953,639	A1726	371832,046	7622844,986
A1538	376258,279	7618133,097	A1601	375462,874	7618518,068	A1664	376307,559	7618992,334	A1727	371689,833	7622829,111
A1539	376127,641	7618356,010	A1602	375357,040	7618691,702	A1665	376401,156	7618987,704	A1728	371525,129	7622830,434
A1540	375997,334	7618364,609	A1603	375254,514	7618744,288	A1666	376450,434	7618903,037	A1729	371344,551	7622763,627
A1541	376021,477	7618216,772	A1604	375168,193	7618725,106	A1667	376435,552	7618829,284	A1730	371283,696	7622778,179
A1542	375976,305	7618053,124	A1605	375096,425	7618777,361	A1668	376637,958	7618770,414	A1731	371090,550	7622948,835
A1543	376050,250	7618022,964	A1606	375080,466	7618858,660	A1669	376666,071	7618818,370	A1732	370853,747	7623095,018
A1544	376360,475	7617681,320	A1607	374857,307	7618957,609	A1670	376730,563	7618851,112	A1733	370758,497	7623030,195
A1545	376366,758	7617588,715	A1608	374813,651	7618915,607	A1671	376907,361	7618795,170	A1734	370691,028	7623015,643
A1546	376293,998	7617519,262	A1609	374726,338	7618915,276	A1672	377008,986	7618991,304	A1735	370607,023	7623039,455
A1547	376184,997	7617532,686	A1610	374672,759	7618967,201	A1673	376614,292	7619167,437	A1736	370579,887	7622939,310
A1548	376040,070	7617703,793	A1611	374663,830	7619014,826	A1674	376561,376	7619250,781	A1737	370292,814	7622612,549
A1549	375936,248	7617704,081	A1612	374314,909	7619252,199	A1675	376598,065	7619369,410	A1738	370050,058	7622488,117
A1550	375999,317	7617184,233	A1613	374248,433	7619082,957	A1676	376472,872	7619401,937	A1739	369985,235	7622487,533
A1551	376059,179	7617159,758	A1614	374225,612	7619171,262	A1677	376419,294	7619607,651	A1740	369953,485	7622052,954
A1552	376088,614	7617093,612	A1615	374267,615	7619248,983	A1678	376440,791	7619863,967	A1741	369901,891	7621998,053
A1553	376078,030	7617020,852	A1616	374334,423	7619267,173	A1679	376370,677	7619903,986	A1742	369823,177	7621993,423
A1554	376026,767	7616980,172	A1617	374472,337	7619262,543	A1680	376358,770	7619953,265	A1743	369762,985	7622030,465
A1555	376032,059	7616893,521	A1618	374698,226	7619227,485	A1681	376231,109	7620027,348	A1744	369744,464	7622097,934
A1556	376152,444	7616772,143	A1619	374707,817	7619339,603	A1682	376175,231	7620014,410	A1745	369758,354	7622296,372
A1557	376150,129	7616687,806	A1620	374645,640	7619373,999	A1683	376104,852	7620053,039	A1746	369682,287	7622316,215
A1558	376096,882	7616626,952	A1621	374629,434	7619459,989	A1684	376087,918	7620085,318	A1747	369647,891	7622395,591
A1559	376007,915	7616619,676	A1622	374671,106	7619537,049	A1685	375950,335	7620103,839	A1748	369670,380	7622474,304
A1560	375913,326	7616705,335	A1623	374840,440	7619632,961	A1686	375889,480	7620075,264	A1749	369409,765	7622495,471
A1561	375858,425	7616694,421	A1624	374921,469	7619619,731	A1687	375711,151	7620135,060	A1750	369257,629	7622591,383
A1562	375786,657	7616733,117	A1625	374974,717	7619542,010	A1688	375652,413	7620169,985	A1751	369055,223	7622654,883
A1563	375761,191	7616817,122	A1626	374957,519	7619474,210	A1689	375612,196	7620297,515	A1752	368992,384	7622750,794
A1564	375784,288	7616866,109	A1627	374930,399	7619414,017	A1690	375592,088	7620412,873	A1753	368926,238	7622731,612
A1565	375687,769	7617018,868	A1628	374909,893	7619171,592	A1691	375525,413	7620445,682	A1754	368817,759	7622736,242
A1566	375708,274	7617104,196	A1629	375038,547	7619112,722	A1692	375478,846	7620534,582	A1755	368727,139	7622687,294
A1567	375782,358	7617174,311	A1630	375079,227	7619118,675	A1693	375373,501	7620583,456	A1756	368613,368	7622707,138
A1568	375681,817	7617976,663	A1631	375147,027	7619097,177	A1694	375064,600	7620605,284	A1757	368482,399	7622861,920
A1569	375545,886	7617953,512	A1632	375164,555	7619066,089	A1695	374809,938	7620743,529	A1758	368127,195	7622867,211
A1570	375556,800	7617889,681	A1633	375432,778	7618990,351	A1696	374653,833	7620974,378	A1759	368074,940	7622884,409
A1571	375514,467	7617817,912	A1634	375522,075	7619121,651	A1697	374575,781	7621025,972	A1760	368005,486	7622832,154
A1572	375435,422	7617799,722	A1635	375467,505	7619237,076	A1698	374526,833	7621094,764	A1761	367953,892	7622826,201
A1573	375370,599	7617821,550	A1636	375419,549	7619219,216	A1699	374455,395	7621136,436	A1762	367648,298	7622905,576
A1574	375303,461	7617566,227	A1637	375345,134	7619236,745	A1700	374420,999	7621192,660	A1763	367564,293	7622945,264
A1575	375221,440	7617522,901	A1638	375299,163	7619309,506	A1701	374333,687	7621190,676	A1764	367365,855	7622978,998

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A1765	367243,485	7623061,019	A1828	361360,935	7626388,537	A1891	355129,323	7629525,840	A1954	359058,394	7627207,424
A1766	367179,323	7623118,566	A1829	361214,752	7626276,088	A1892	355080,375	7629572,142	A1955	359199,946	7627178,981
A1767	367097,302	7623140,394	A1830	361143,314	7626272,120	A1893	354967,927	7629926,684	A1956	359279,496	7627108,790
A1768	366999,406	7623242,259	A1831	361034,835	7626355,464	A1894	354911,703	7629946,528	A1957	359555,150	7627339,054
A1769	366817,505	7623327,587	A1832	360945,538	7626420,948	A1895	354874,661	7630005,398	A1958	359822,380	7627502,435
A1770	366523,155	7623407,624	A1833	360754,376	7626676,933	A1896	354834,312	7630252,784	A1959	359877,942	7627632,742
A1771	366402,857	7623485,605	A1834	360660,194	7626869,578	A1897	354780,734	7630281,888	A1960	359870,005	7627731,300
A1772	366339,931	7623386,457	A1835	360573,136	7626841,636	A1898	354729,140	7630371,185	A1961	359803,197	7627942,305
A1773	366324,717	7623150,978	A1836	360523,527	7626781,444	A1899	354639,843	7630461,805	A1962	359838,255	7628023,003
A1774	366366,389	7623086,816	A1837	360416,370	7626777,475	A1900	354625,953	7630701,254	A1963	359915,645	7628046,816
A1775	366390,863	7622932,696	A1838	360354,855	7626698,761	A1901	354687,468	7630773,353	A1964	360000,974	7628016,389
A1776	366363,082	7622820,909	A1839	360278,125	7626676,933	A1902	354786,026	7630772,030	A1965	360108,130	7627700,211
A1777	366362,421	7622549,711	A1840	360202,057	7626724,558	A1903	354840,265	7630707,207	A1966	360131,281	7627541,461
A1778	366314,134	7622498,778	A1841	360176,260	7626841,636	A1904	354845,557	7630563,009	A1967	360093,578	7627473,330
A1779	366247,327	7622484,226	A1842	359996,343	7626858,173	A1905	354887,891	7630523,982	A1968	360068,443	7627314,580
A1780	366177,873	7622512,007	A1843	359891,171	7626909,767	A1906	354920,302	7630470,404	A1969	360018,833	7627114,158
A1781	366150,092	7622575,508	A1844	359817,658	7627027,491	A1907	354989,094	7630450,560	A1970	360057,198	7627065,210
A1782	366150,753	7622779,899	A1845	359620,634	7627048,012	A1908	355028,781	7630391,690	A1971	360219,917	7627051,319
A1783	366059,472	7622843,399	A1846	359581,608	7626965,329	A1909	355074,422	7630158,857	A1972	360304,584	7627058,595
A1784	366044,920	7622927,404	A1847	359408,306	7626895,876	A1910	355174,964	7629998,783	A1973	360616,131	7627146,569
A1785	366087,253	7622995,534	A1848	359414,920	7626833,038	A1911	355261,615	7629721,632	A1974	360708,736	7627130,694
A1786	366107,759	7623089,462	A1849	359367,957	7626766,892	A1912	355349,589	7629750,075	A1975	360813,246	7627042,720
A1787	366131,571	7623457,895	A1850	359283,951	7626752,339	A1913	355426,319	7629714,356	A1976	360857,564	7626952,762
A1788	366173,243	7623528,671	A1851	359197,962	7626807,241	A1914	355512,349	7629651,361	A1977	360950,168	7626982,527
A1789	366126,279	7623584,234	A1852	359176,795	7626914,397	A1915	355572,501	7629727,585	A1978	361028,882	7626946,809
A1790	366102,025	7623751,512	A1853	359070,961	7626989,142	A1916	355655,184	7629763,304	A1979	361056,002	7626856,189
A1791	365973,482	7623732,401	A1854	358985,633	7626958,715	A1917	355748,450	7629729,569	A1980	361022,267	7626794,673
A1792	365917,920	7623781,349	A1855	358871,862	7626786,735	A1918	355772,924	7629645,564	A1981	360957,444	7626757,631
A1793	365790,258	7623777,380	A1856	358766,690	7626719,928	A1919	355732,575	7629474,907	A1982	361058,648	7626627,985
A1794	365703,607	7623688,083	A1857	358593,388	7626653,120	A1920	355671,059	7629431,251	A1983	361272,961	7626593,589
A1795	365600,419	7623697,343	A1858	358513,351	7626679,579	A1921	355710,746	7629332,694	A1984	361341,091	7626618,725
A1796	365535,596	7623809,130	A1859	358420,085	7626749,694	A1922	355739,851	7629241,412	A1985	361591,123	7626543,318
A1797	365321,283	7623848,156	A1860	358419,424	7626834,360	A1923	355797,315	7628900,760	A1986	361648,008	7626557,870
A1798	365164,517	7623909,672	A1861	358202,465	7626957,392	A1924	356067,273	7628822,047	A1987	361857,691	7626876,032
A1799	364824,527	7624077,021	A1862	357740,766	7626949,454	A1925	356151,940	7628730,104	A1988	361991,306	7626926,965
A1800	364728,615	7624247,678	A1863	357677,927	7627005,017	A1926	356399,987	7628589,874	A1989	362119,412	7626902,154
A1801	364552,005	7624379,308	A1864	357670,651	7627089,684	A1927	356492,592	7628572,015	A1990	362199,004	7627038,751
A1802	364181,588	7624355,496	A1865	357698,433	7627348,976	A1928	356554,769	7628598,473	A1991	362265,174	7627044,010
A1803	363958,015	7624413,704	A1866	357243,348	7627769,003	A1929	356751,222	7628577,307	A1992	362329,466	7627122,022
A1804	363808,525	7624497,709	A1867	357115,687	7627875,498	A1930	356827,952	7628524,390	A1993	362314,098	7627184,934
A1805	363666,311	7624545,334	A1868	356969,504	7628013,082	A1931	356995,301	7628251,868	A1994	362451,020	7627332,440
A1806	363631,915	7624602,220	A1869	356834,566	7628107,009	A1932	357124,947	7628165,217	A1995	362472,187	7627428,351
A1807	363583,629	7624909,137	A1870	356753,207	7628232,686	A1933	357400,114	7627915,847	A1996	362443,083	7627487,883
A1808	363398,420	7624950,809	A1871	356694,998	7628192,999	A1934	357446,416	7627957,519	A1997	362473,510	7627680,367
A1809	363207,919	7625030,846	A1872	356602,394	7628212,842	A1935	357527,776	7627956,196	A1998	362607,786	7627942,305
A1810	363095,471	7625228,622	A1873	356567,337	7628275,681	A1936	357595,245	7627894,680	A1999	362586,619	7628017,712
A1811	363002,206	7625255,081	A1874	356555,430	7628337,197	A1937	357589,953	7627739,899	A2000	362629,614	7628087,826
A1812	362910,735	7625205,847	A1875	356427,769	7628351,087	A1938	357847,922	7627499,127	A2001	362706,344	7628112,962
A1813	362848,557	7625209,816	A1876	356268,357	7628413,926	A1939	357922,006	7627515,002	A2002	362757,276	7628093,118
A1814	362802,255	7625246,196	A1877	356032,216	7628554,817	A1940	358023,871	7627499,789	A2003	362862,448	7628172,493
A1815	362600,510	7625542,530	A1878	355970,039	7628538,942	A1941	358074,142	7627421,075	A2004	362855,172	7628336,535
A1816	362598,526	7625594,124	A1879	355891,986	7628579,952	A1942	358093,865	7627243,564	A2005	362919,995	7628424,509
A1817	362623,661	7625702,603	A1880	355874,127	7628642,791	A1943	358217,678	7627267,617	A2006	362969,605	7628742,672
A1818	362574,052	7625759,488	A1881	355878,757	7628699,677	A1944	358300,361	7627442,242	A2007	363072,792	7629103,829
A1819	362559,500	7626022,088	A1882	355774,246	7628794,927	A1945	358390,319	7627455,471	A2008	363023,844	7629235,459
A1820	362560,823	7626265,505	A1883	355712,069	7628767,807	A1946	358465,726	7627412,476	A2009	363004,001	7629348,569
A1821	362366,353	7626489,078	A1884	355622,772	7628800,219	A1947	358478,955	7627333,101	A2010	362929,256	7629599,262
A1822	362279,702	7626570,438	A1885	355525,538	7628973,521	A1948	358454,497	7627274,202	A2011	362987,464	7629877,736
A1823	362226,124	7626664,365	A1886	355498,418	7629121,688	A1949	358578,835	7627245,127	A2012	363129,678	7630069,560
A1824	362002,551	7626704,714	A1887	355534,137	7629176,589	A1950	358641,013	7627184,273	A2013	363265,277	7630166,794
A1825	361823,295	7626432,193	A1888	355464,022	7629369,735	A1951	358658,969	7627008,652	A2014	363477,606	7630695,300
A1826	361714,816	7626320,406	A1889	355390,600	7629470,939	A1952	358761,172	7627002,654	A2015	363685,965	7630870,587
A1827	361631,472	7626307,839	A1890	355317,178	7629492,767	A1953	358851,357	7627138,632	A2016	363688,611	7630984,358

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A2017	363891,679	7631246,296	A2080	362977,542	7627985,300	A2143	366978,050	7625337,140	A2206	372537,619	7622785,890
A2018	364182,722	7631558,505	A2081	362796,302	7627838,456	A2144	367075,946	7625216,754	A2207	372736,718	7622778,614
A2019	364283,925	7631625,313	A2082	362694,437	7627638,695	A2145	367081,238	7625137,379	A2208	372911,343	7622694,609
A2020	364474,425	7631876,667	A2083	362763,891	7627563,950	A2146	367040,889	7624981,275	A2209	373099,859	7622646,322
A2021	364500,222	7631985,808	A2084	362789,026	7627483,914	A2147	367003,847	7624890,655	A2210	373185,188	7622584,806
A2022	364358,008	7632049,308	A2085	362763,229	7627412,476	A2148	366890,076	7624707,430	A2211	373255,302	7622429,363
A2023	364335,519	7632127,361	A2086	362683,193	7627376,096	A2149	366771,013	7624534,128	A2212	373287,714	7622303,686
A2024	364371,238	7632208,720	A2087	362720,234	7627142,601	A2150	366696,930	7624465,998	A2213	373428,605	7622061,592
A2025	364457,889	7632235,179	A2088	362684,515	7627062,564	A2151	366688,992	7624413,742	A2214	373478,876	7622009,998
A2026	364587,535	7632180,939	A2089	362617,047	7627046,689	A2152	366646,659	7624365,456	A2215	373577,433	7622058,946
A2027	364672,202	7632319,845	A2090	362560,823	7627059,918	A2153	366601,018	7624247,716	A2216	373703,110	7622160,149
A2028	364655,665	7632385,330	A2091	362509,229	7626969,960	A2154	366560,008	7624184,216	A2217	373828,788	7622169,410
A2029	364698,660	7632466,028	A2092	362467,745	7626901,168	A2155	366524,950	7624031,419	A2218	373966,371	7622127,076
A2030	364776,051	7632479,919	A2093	362734,125	7626818,485	A2156	366456,158	7623811,152	A2219	374076,835	7621963,034
A2031	364967,874	7632736,565	A2094	362692,453	7626723,235	A2157	366486,586	7623778,079	A2220	374083,450	7621913,425
A2032	365101,489	7632949,555	A2095	362602,494	7626708,022	A2158	366533,549	7623696,720	A2221	374336,127	7621800,315
A2033	365061,802	7633011,071	A2096	362565,453	7626589,620	A2159	366634,753	7623596,840	A2222	374373,169	7621753,351
A2034	365078,338	7633081,847	A2097	362775,135	7626345,542	A2160	366901,982	7623524,740	A2223	374445,268	7621542,346
A2035	365135,224	7633136,748	A2098	362774,474	7626049,208	A2161	367135,478	7623410,969	A2224	374458,497	7621414,684
A2036	365212,614	7633130,795	A2099	362794,318	7625992,984	A2162	367207,577	7623330,271	A2225	374510,753	7621414,023
A2037	365602,876	7633908,671	A2100	362777,781	7625922,869	A2163	367292,905	7623307,120	A2226	374568,300	7621376,319
A2038	365720,615	7634016,489	A2101	362782,412	7625845,478	A2164	367452,317	7623178,797	A2227	374611,295	7621291,653
A2039	365739,136	7634071,391	A2102	362847,896	7625762,134	A2165	367631,572	7623147,708	A2228	374744,909	7621210,955
A2040	365854,230	7634134,229	A2103	362819,453	7625597,431	A2166	367723,515	7623105,375	A2229	374976,420	7620897,423
A2041	366098,309	7634325,391	A2104	362918,011	7625451,910	A2167	367939,151	7623049,812	A2230	375135,832	7620812,756
A2042	366177,022	7634309,516	A2105	362984,157	7625477,707	A2168	368016,542	7623106,036	A2231	375435,473	7620794,896
A2043	366234,569	7634247,339	A2106	363160,105	7625436,696	A2169	368079,380	7623110,005	A2232	375562,474	7620734,704
A2044	366224,648	7634152,750	A2107	363259,324	7625379,149	A2170	368160,740	7623079,578	A2233	375673,580	7620677,457
A2045	365929,637	7633918,593	A2108	363360,527	7625197,909	A2171	368334,704	7623074,948	A2234	375785,234	7620550,457
A2046	365774,855	7633771,749	A2109	363469,007	7625152,269	A2172	368435,907	7623101,406	A2235	375901,122	7620499,128
A2047	365607,506	7633412,577	A2110	363736,898	7625090,091	A2173	368601,934	7623055,766	A2236	375905,331	7620409,974
A2048	365420,974	7633056,050	A2111	363782,539	7625032,544	A2174	368709,090	7622920,166	A2237	376217,564	7620380,065
A2049	365137,208	7632900,304	A2112	363832,148	7624713,721	A2175	368774,575	7622953,239	A2238	376286,885	7620330,323
A2050	364901,728	7632288,757	A2113	363912,185	7624683,955	A2176	368906,205	7622947,286	A2239	376293,235	7620245,127
A2051	364764,806	7632055,923	A2114	364036,539	7624611,856	A2177	368990,210	7622971,099	A2240	376593,920	7620191,390
A2052	364782,004	7631991,761	A2115	364205,873	7624570,184	A2178	369095,382	7622962,500	A2241	376649,813	7620322,359
A2053	364747,608	7631922,970	A2116	364583,566	7624509,642	A2179	369166,159	7622894,369	A2242	376717,852	7620360,063
A2054	364700,645	7631901,141	A2117	364654,342	7624580,106	A2180	369195,263	7622832,854	A2243	376460,220	7620443,889
A2055	364669,556	7631777,448	A2118	364893,791	7624386,960	A2181	369356,659	7622783,244	A2244	376526,001	7620568,240
A2056	364434,738	7631460,609	A2119	364981,765	7624238,131	A2182	369477,706	7622703,208	A2245	376312,138	7620811,179
A2057	364318,321	7631389,172	A2120	365276,114	7624093,933	A2183	369821,004	7622675,426	A2246	376304,666	7620902,010
A2058	364136,419	7631184,781	A2121	365396,500	7624048,954	A2184	369983,723	7622703,869	A2247	376392,995	7621047,805
A2059	363898,955	7630907,629	A2122	365589,646	7624015,881	A2185	370035,317	7622728,343	A2248	376306,641	7621150,357
A2060	363894,987	7630774,676	A2123	365808,589	7624078,719	A2186	370057,145	7622779,937	A2249	376339,449	7621253,015
A2061	363646,939	7630542,503	A2124	365827,110	7624169,339	A2187	370121,306	7622812,348	A2250	376411,416	7621282,649
A2062	363438,580	7630026,565	A2125	365895,902	7624214,980	A2188	370176,869	7622804,411	A2251	376486,029	7621512,837
A2063	363271,230	7629902,872	A2126	365989,168	7624200,428	A2189	370389,859	7623050,474	A2252	376542,658	7621564,582
A2064	363183,256	7629778,517	A2127	366101,616	7624082,688	A2190	370420,286	7623166,229	A2253	376629,962	7621558,345
A2065	363150,845	7629600,585	A2128	366116,168	7624028,449	A2191	370538,687	7623253,542	A2254	376761,831	7621422,243
A2066	363216,991	7629375,027	A2129	366229,939	7623988,761	A2192	370603,511	7623264,787	A2255	376737,458	7621296,029
A2067	363232,204	7629284,407	A2130	366313,283	7624073,428	A2193	370683,547	7623238,328	A2256	376933,281	7621195,759
A2068	363295,043	7629110,443	A2131	366362,893	7624275,173	A2194	370784,089	7623304,474	A2257	376951,722	7621150,505
A2069	363227,574	7628865,703	A2132	366415,809	7624358,517	A2195	370915,058	7623309,105	A2258	377081,748	7621112,473
A2070	363245,433	7628811,463	A2133	366505,106	7624584,399	A2196	371222,637	7623118,604	A2259	377196,181	7621317,857
A2071	363223,605	7628735,395	A2134	366606,310	7624673,034	A2197	371356,913	7622997,557	A2260	377256,603	7621394,726
A2072	363185,902	7628711,583	A2135	366641,367	7624746,456	A2198	371499,788	7623044,521	A2261	377365,611	7621388,905
A2073	363193,178	7628613,687	A2136	366726,034	7624846,998	A2199	371684,997	7623041,875	A2262	377426,466	7621295,243
A2074	363174,657	7628548,202	A2137	366821,946	7625009,717	A2200	371782,232	7623055,766	A2263	377390,915	7621190,274
A2075	363152,167	7628527,036	A2138	366855,019	7625121,504	A2201	371864,253	7623056,427	A2264	377645,312	7621166,051
A2076	363120,417	7628335,874	A2139	366743,893	7625187,650	A2202	372160,587	7622968,453	A2265	377708,227	7621105,826
A2077	363070,808	7628246,577	A2140	366730,664	7625267,025	A2203	372292,217	7622883,786	A2266	377706,866	7621025,750
A2078	363075,438	7628116,931	A2141	366765,060	7625339,786	A2204	372339,842	7622895,031	A2267	377806,378	7621008,623
A2079	363027,152	7628031,602	A2142	366839,805	7625362,275	A2205	372502,561	7622840,130	A2268	377864,255	7621059,556

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A2269	377927,756	7621066,832	A2332	378120,977	7624271,521	A2395	379108,589	7632987,072	A2458	378617,865	7637425,281
A2270	377926,102	7621293,382	A2333	378335,323	7624525,185	A2396	378995,479	7633017,499	A2459	378637,709	7637349,875
A2271	377790,173	7621706,464	A2334	378439,010	7624599,384	A2397	378856,573	7632993,025	A2460	378608,605	7637287,697
A2272	377609,925	7622070,929	A2335	378740,636	7624547,790	A2398	378789,104	7633044,619	A2461	378267,953	7637006,577
A2273	377470,687	7621898,619	A2336	378782,705	7624654,946	A2399	378771,906	7633122,010	A2462	378389,000	7636873,624
A2274	377387,674	7621888,366	A2337	378858,111	7624680,346	A2400	378816,224	7633197,416	A2463	378422,735	7636792,264
A2275	377282,502	7621956,827	A2338	378836,068	7624920,572	A2401	379057,657	7633246,364	A2464	378400,245	7636727,441
A2276	377249,098	7621914,494	A2339	378797,041	7625054,848	A2402	379134,386	7633427,604	A2465	378392,969	7636554,139
A2277	377203,127	7621904,572	A2340	378731,557	7625139,515	A2403	379219,714	7633571,802	A2466	378533,198	7636360,331
A2278	377109,860	7621782,533	A2341	378701,130	7625300,911	A2404	379216,407	7633616,782	A2467	378619,188	7636310,060
A2279	377011,634	7621769,965	A2342	378676,656	7625505,963	A2405	379093,375	7633872,766	A2468	378668,136	7636173,138
A2280	376943,503	7621842,726	A2343	378685,255	7625666,698	A2406	378998,125	7633997,121	A2469	378643,001	7636105,669
A2281	376948,134	7621926,070	A2344	378539,072	7626146,918	A2407	378931,979	7634120,814	A2470	378585,454	7636055,398
A2282	376825,993	7622140,257	A2345	378339,973	7626156,178	A2408	378785,135	7634050,699	A2471	378566,933	7635747,819
A2283	377072,056	7622391,877	A2346	378283,087	7626201,157	A2409	378781,166	7633905,839	A2472	378750,157	7635436,272
A2284	376922,006	7622485,996	A2347	378265,889	7626326,835	A2410	378711,713	7633849,615	A2473	378756,110	7635386,001
A2285	376905,139	7622581,577	A2348	378314,176	7626399,595	A2411	378479,541	7633831,756	A2474	378699,225	7635167,719
A2286	376959,048	7622649,708	A2349	378451,760	7626418,116	A2412	378390,905	7633890,626	A2475	378823,579	7635008,308
A2287	377126,067	7622697,002	A2350	378394,874	7626597,372	A2413	378271,843	7633866,813	A2476	378865,913	7634887,922
A2288	377191,882	7622666,575	A2351	378382,306	7626709,820	A2414	378203,712	7633919,069	A2477	378855,329	7634676,255
A2289	377225,286	7622608,366	A2352	378402,812	7626817,638	A2415	378217,176	7633996,459	A2478	378887,079	7634637,229
A2290	377387,501	7622659,405	A2353	378441,176	7626951,253	A2416	378228,848	7634068,559	A2479	378941,981	7634490,385
A2291	377471,680	7622585,876	A2354	378388,259	7627030,628	A2417	378460,359	7634129,413	A2480	379100,069	7634342,218
A2292	377478,625	7622516,753	A2355	378301,608	7627237,665	A2418	378500,708	7634183,653	A2481	379104,700	7634248,290
A2293	377638,699	7622521,384	A2356	378338,650	7627598,822	A2419	378613,817	7634200,850	A2482	379283,955	7633969,816
A2294	377598,350	7622628,209	A2357	378398,843	7627750,957	A2420	378670,703	7634285,517	A2483	379426,830	7633670,175
A2295	377630,100	7622705,600	A2358	378416,702	7627872,004	A2421	378754,770	7634359,230	A2484	379439,398	7633526,638
A2296	377702,861	7622739,335	A2359	378524,520	7628108,807	A2422	378697,823	7634528,934	A2485	379360,023	7633391,700
A2297	377774,629	7622721,144	A2360	378506,661	7628182,891	A2423	378627,708	7634589,789	A2486	379379,867	7633322,908
A2298	377814,978	7622668,228	A2361	378563,546	7628321,136	A2424	378617,124	7634651,966	A2487	379352,747	7633109,918
A2299	377884,668	7622496,355	A2362	378674,671	7628489,808	A2425	378641,598	7634741,263	A2488	379371,929	7633053,694
A2300	378142,899	7622614,965	A2363	378750,739	7628693,537	A2426	378566,933	7634774,812	A2489	379363,992	7632986,225
A2301	378134,689	7622607,078	A2364	378606,541	7628748,439	A2427	378614,443	7634871,385	A2490	379442,705	7632777,866
A2302	378186,556	7623088,041	A2365	378482,187	7628848,319	A2428	378597,360	7634948,776	A2491	379477,101	7632888,991
A2303	378308,793	7623099,154	A2366	378418,687	7629056,017	A2429	378487,558	7635092,313	A2492	379456,596	7632804,985
A2304	378282,600	7623285,685	A2367	378490,786	7629413,867	A2430	378486,896	7635205,423	A2493	379385,820	7632763,313
A2305	378312,762	7623365,060	A2368	378523,859	7629464,138	A2431	378382,402	7635283,475	A2494	379299,830	7632777,866
A2306	378412,775	7623390,460	A2369	378545,687	7629611,643	A2432	378468,375	7635339,037	A2495	379279,986	7632670,048
A2307	378481,831	7623343,629	A2370	378621,755	7629669,852	A2433	378486,235	7635462,730	A2496	379197,304	7632598,610
A2308	378648,519	7623371,410	A2371	378763,307	7629628,180	A2434	378347,328	7635703,502	A2497	379178,122	7632560,907
A2309	378617,766	7623727,037	A2372	378800,349	7629779,654	A2435	378382,386	7636192,982	A2498	379172,168	7632495,422
A2310	378468,262	7623729,137	A2373	378882,370	7629930,467	A2436	378291,766	7636331,227	A2499	379239,637	7632475,578
A2311	378384,127	7623598,644	A2374	378898,245	7630050,191	A2437	378219,667	7636317,336	A2500	379277,341	7632413,401
A2312	378289,406	7623588,590	A2375	378928,672	7630179,837	A2438	378179,979	7636244,576	A2501	379270,726	7632342,625
A2313	378212,147	7623612,931	A2376	379008,709	7630436,484	A2439	378086,052	7636227,378	A2502	379192,674	7632164,692
A2314	378175,106	7623676,431	A2377	379012,677	7630544,302	A2440	378016,598	7636273,680	A2503	379215,825	7632023,140
A2315	378069,801	7623618,223	A2378	378975,636	7630628,307	A2441	377952,437	7636363,638	A2504	379223,101	7631772,447
A2316	378061,335	7623552,077	A2379	378996,141	7630898,844	A2442	377972,281	7636470,133	A2505	379290,570	7631740,035
A2317	378003,126	7623501,806	A2380	379015,985	7630980,203	A2443	378154,182	7636528,342	A2506	379307,106	7631666,613
A2318	377952,278	7623494,746	A2381	379000,110	7631058,256	A2444	378110,526	7636609,701	A2507	379289,247	7631599,144
A2319	377925,339	7623337,235	A2382	379068,901	7631226,928	A2445	378129,047	7636789,618	A2508	379231,700	7631565,410
A2320	377839,084	7623295,960	A2383	379072,870	7631289,105	A2446	378052,979	7636776,389	A2509	379261,466	7631464,868
A2321	377764,472	7623323,477	A2384	379049,719	7631433,965	A2447	377912,749	7636829,306	A2510	379285,940	7631295,534
A2322	377723,196	7623372,689	A2385	379012,677	7631555,673	A2448	377892,244	7636915,957	A2511	379280,648	7631173,164
A2323	377737,098	7623481,321	A2386	379004,078	7631822,242	A2449	377923,333	7636988,718	A2512	379221,117	7631032,935
A2324	377677,037	7623544,822	A2387	379002,755	7632017,372	A2450	378062,486	7637129,556	A2513	379233,023	7630970,096
A2325	377684,445	7623629,489	A2388	378976,297	7632176,122	A2451	377882,984	7637396,177	A2514	379204,580	7630855,664
A2326	377724,927	7623671,028	A2389	379002,755	7632272,696	A2452	377902,166	7637477,536	A2515	379192,012	7630667,809
A2327	377960,407	7623802,526	A2390	378965,052	7632353,394	A2453	377966,989	7637523,177	A2516	379227,731	7630581,820
A2328	377974,430	7623847,241	A2391	378956,453	7632488,331	A2454	378052,979	7637515,901	A2517	379221,117	7630391,319
A2329	378020,997	7623888,516	A2392	378972,328	7632630,545	A2455	378253,401	7637315,479	A2518	379127,189	7630102,261
A2330	378073,881	7623895,812	A2393	379025,245	7632799,879	A2456	378489,542	7637465,630	A2519	379104,700	7629999,074
A2331	378086,581	7624055,620	A2394	379088,084	7632839,567	A2457	378559,657	7637466,292	A2520	379084,856	7629853,552

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A2521	379007,465	7629711,339	A2584	379305,093	7622208,537	A2647	381116,831	7615537,999	A2710	383625,755	7620318,041
A2522	378992,913	7629534,729	A2585	379256,145	7622158,266	A2648	381309,716	7615422,430	A2711	383559,298	7619689,468
A2523	378956,533	7629489,750	A2586	379194,629	7622138,423	A2649	381346,865	7615440,671	A2712	383614,840	7619372,483
A2524	378795,136	7629399,791	A2587	379087,498	7622178,559	A2650	381399,570	7615439,189	A2713	383602,934	7619138,326
A2525	378732,959	7629403,098	A2588	379084,701	7622013,036	A2651	381437,009	7615417,077	A2714	383573,168	7618843,645
A2526	378689,303	7629316,447	A2589	379292,823	7621988,206	A2652	381526,606	7615438,118	A2715	383598,965	7618779,814
A2527	378642,339	7629051,863	A2590	379305,523	7621859,618	A2653	381551,741	7615481,774	A2716	383866,856	7618781,468
A2528	378668,136	7628971,165	A2591	379240,435	7621732,618	A2654	381610,280	7615505,256	A2717	383899,268	7618824,793
A2529	378725,683	7628928,832	A2592	379091,204	7621737,738	A2655	381665,843	7615498,641	A2718	384198,909	7619031,499
A2530	378963,147	7628839,535	A2593	379059,029	7621152,516	A2656	381699,247	7615475,821	A2719	384247,858	7619045,721
A2531	379004,819	7628769,420	A2594	379003,796	7620993,435	A2657	381825,586	7615502,279	A2720	384267,040	7619101,614
A2532	378972,408	7628641,758	A2595	379154,940	7620939,856	A2658	381927,781	7615496,657	A2721	384356,337	7619139,317
A2533	378860,621	7628377,174	A2596	379186,690	7620858,827	A2659	382129,348	7615670,951	A2722	384423,806	7619105,252
A2534	378730,313	7628170,799	A2597	379077,218	7620413,995	A2660	382337,556	7615670,290	A2723	384562,592	7619155,534
A2535	378750,157	7628094,070	A2598	379248,206	7620427,224	A2661	382561,461	7615605,797	A2724	384787,940	7619387,364
A2536	378621,173	7627798,397	A2599	379310,713	7620386,544	A2662	382676,157	7615880,249	A2725	384790,586	7619512,711
A2537	378600,667	7627683,303	A2600	379332,872	7620311,138	A2663	383232,376	7616008,982	A2726	384914,611	7619891,066
A2538	378549,073	7627541,751	A2601	379294,508	7620228,786	A2664	383248,819	7616390,715	A2727	384556,760	7619970,111
A2539	378519,969	7627271,214	A2602	379192,643	7620198,690	A2665	383168,682	7616397,895	A2728	384487,307	7619648,972
A2540	378582,808	7627125,693	A2603	379233,322	7620148,749	A2666	383113,120	7616470,325	A2729	384402,971	7619607,300
A2541	378646,674	7627032,394	A2604	379242,913	7620023,072	A2667	383129,987	7616572,190	A2730	384306,397	7619639,712
A2542	378760,079	7627018,536	A2605	379292,523	7619988,676	A2668	383236,482	7616622,792	A2731	384283,908	7619726,694
A2543	378852,683	7627119,078	A2606	379311,044	7619899,709	A2669	383232,183	7616675,047	A2732	384323,926	7619914,880
A2544	378862,605	7627211,021	A2607	379266,395	7619841,832	A2670	383282,123	7616738,878	A2733	384170,137	7619920,833
A2545	378831,517	7627264,599	A2608	379154,619	7619779,518	A2671	383336,693	7616749,792	A2734	384116,889	7619965,482
A2546	378850,038	7627351,251	A2609	379045,923	7619743,140	A2672	383344,631	7616847,358	A2735	384085,139	7620049,818
A2547	378946,611	7627408,136	A2610	379049,700	7619585,324	A2673	383377,373	7616896,306	A2736	384098,699	7620105,711
A2548	378991,590	7627467,006	A2611	379220,901	7619549,469	A2674	383412,431	7616912,181	A2737	384158,892	7620205,261
A2549	379066,335	7627474,944	A2612	379281,278	7619513,417	A2675	383375,059	7617164,859	A2738	384128,796	7620302,496
A2550	379134,465	7627439,886	A2613	379546,523	7619162,842	A2676	383383,658	7617325,263	A2739	384184,689	7620388,155
A2551	379160,262	7627356,542	A2614	379547,846	7619088,759	A2677	383330,410	7617661,946	A2740	384281,593	7620398,077
A2552	379106,684	7627252,032	A2615	379500,355	7618927,380	A2678	383442,198	7618073,705	A2741	384336,164	7620350,451
A2553	379117,929	7627188,531	A2616	379425,160	7618895,582	A2679	383351,748	7618155,726	A2742	384366,591	7620322,146
A2554	379065,673	7627103,203	A2617	379562,067	7618405,801	A2680	383712,026	7618553,117	A2743	384480,031	7620172,188
A2555	378974,188	7626487,330	A2618	379935,130	7617705,644	A2681	383500,407	7618570,793	A2744	384624,376	7620212,365
A2556	379115,283	7626484,077	A2619	380042,768	7617601,164	A2682	383455,758	7618607,504	A2745	384884,514	7620141,429
A2557	379176,137	7626434,467	A2620	380104,463	7617666,949	A2683	383392,258	7618703,085	A2746	385201,270	7620019,736
A2558	379281,309	7626113,660	A2621	380187,146	7617698,037	A2684	383353,232	7618824,794	A2747	385157,036	7620317,047
A2559	379262,127	7626027,670	A2622	380273,136	7617663,972	A2685	383397,550	7619362,230	A2748	385252,948	7620639,839
A2560	379186,721	7625987,321	A2623	380298,933	7617582,282	A2686	383340,004	7619689,323	A2749	385331,332	7620795,613
A2561	378853,345	7625862,305	A2624	380295,295	7617352,424	A2687	383373,408	7620086,199	A2750	385295,282	7621140,234
A2562	378900,309	7625686,357	A2625	380342,920	7617281,978	A2688	383406,150	7620319,364	A2751	385307,519	7621296,339
A2563	378891,710	7625504,455	A2626	380352,511	7617060,058	A2689	383374,070	7620485,390	A2752	385445,765	7621665,764
A2564	378931,397	7625228,627	A2627	380299,924	7617004,496	A2690	383333,721	7620524,417	A2753	385456,018	7621837,744
A2565	378994,236	7625145,944	A2628	380333,989	7616827,224	A2691	383326,775	7620595,193	A2754	385340,593	7621922,080
A2566	379047,153	7624951,475	A2629	380490,094	7616715,437	A2692	383330,413	7620719,878	A2755	385325,380	7621981,281
A2567	379078,241	7624681,599	A2630	380659,759	7616661,859	A2693	383443,797	7621284,582	A2756	385326,041	7622351,368
A2568	379068,455	7624620,815	A2631	380751,040	7616659,544	A2694	383439,899	7621366,491	A2757	385376,974	7622681,437
A2569	379029,562	7624512,865	A2632	380787,420	7616698,900	A2695	383324,772	7621423,210	A2758	385285,362	7623010,514
A2570	379139,893	7624320,777	A2633	380869,111	7616707,499	A2696	383236,817	7621400,190	A2759	385280,401	7623191,092
A2571	379260,878	7624065,606	A2634	380924,343	7616666,820	A2697	383172,325	7621427,641	A2760	385329,350	7623413,674
A2572	379073,522	7623807,496	A2635	381017,065	7616662,954	A2698	383113,455	7621493,456	A2761	385289,993	7623453,031
A2573	379126,098	7623533,655	A2636	381074,494	7616726,020	A2699	383121,723	7621590,030	A2762	385322,055	7623512,562
A2574	379162,562	7623212,873	A2637	381148,247	7616738,918	A2700	383283,188	7621697,108	A2763	385360,770	7624021,556
A2575	379219,214	7623146,231	A2638	381214,063	7616703,530	A2701	383374,732	7621719,345	A2764	385308,845	7624059,921
A2576	379160,470	7622889,094	A2639	381241,513	7616635,069	A2702	383440,878	7621688,918	A2765	385298,592	7624130,036
A2577	379206,304	7622857,364	A2640	381233,906	7616401,904	A2703	383621,788	7621551,995	A2766	385323,397	7624194,528
A2578	379229,687	7622641,463	A2641	381182,312	7616325,175	A2704	383651,553	7621452,445	A2767	385371,022	7624220,656
A2579	379281,281	7622597,807	A2642	381269,625	7616253,406	A2705	383664,452	7621263,598	A2768	385343,572	7624506,406
A2580	379303,439	7622533,645	A2643	381287,815	7616171,054	A2706	383600,951	7620958,996	A2769	385479,172	7624958,845
A2581	379278,965	7622470,476	A2644	381237,213	7616099,286	A2707	383623,771	7620918,647	A2770	385302,562	7625094,114
A2582	379201,905	7622404,330	A2645	381181,320	7616086,718	A2708	383617,157	7620856,139	A2771	385280,734	7625177,458
A2583	379303,109	7622293,204	A2646	381079,128	7615610,098	A2709	383550,349	7620707,310	A2772	385311,161	7625237,982

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A2773	385285,034	7625298,836	A2836	385011,183	7619463,101	A2899	385370,021	7615066,274	A2962	384481,020	7617044,703
A2774	385154,726	7625354,730	A2837	385017,798	7619404,231	A2900	385337,610	7614993,844	A2963	384268,692	7617018,245
A2775	385116,692	7625430,136	A2838	384993,654	7619296,083	A2901	385303,875	7614980,284	A2964	384198,577	7617038,089
A2776	385148,442	7625516,457	A2839	384719,479	7619006,032	A2902	385241,036	7614851,299	A2965	384165,835	7617088,360
A2777	385233,109	7625553,829	A2840	384704,596	7618951,462	A2903	385219,869	7614603,913	A2966	383917,456	7617219,991
A2778	385434,524	7625466,516	A2841	384662,924	7618916,405	A2904	385129,911	7614335,691	A2967	383621,537	7617101,264
A2779	385648,837	7625325,294	A2842	384597,770	7618900,530	A2905	385194,734	7614246,724	A2968	383631,705	7616838,659
A2780	385728,874	7625322,648	A2843	384550,806	7618922,027	A2906	385191,757	7614171,318	A2969	383613,845	7616768,875
A2781	385796,343	7625458,763	A2844	384480,204	7618895,367	A2907	385140,824	7614115,094	A2970	383500,405	7616579,367
A2782	385794,358	7625169,851	A2845	384470,439	7618790,397	A2908	385073,686	7614104,841	A2971	383514,626	7616531,742
A2783	385699,108	7625076,916	A2846	384533,939	7618753,355	A2909	385028,376	7614123,693	A2972	383483,868	7616422,931
A2784	385690,509	7624912,543	A2847	384500,067	7618678,610	A2910	384966,368	7613664,108	A2973	383512,311	7616379,275
A2785	385646,157	7624769,337	A2848	384499,037	7618527,775	A2911	384933,649	7613639,835	A2974	383511,649	7616309,491
A2786	385682,902	7624720,058	A2849	384664,246	7618411,710	A2912	385005,886	7613573,027	A2975	383459,394	7616245,991
A2787	385678,602	7624643,990	A2850	384672,514	7618319,767	A2913	384977,443	7613508,865	A2976	383449,406	7616034,621
A2788	385640,568	7624599,011	A2851	384626,874	7618259,905	A2914	384928,495	7613480,092	A2977	383473,549	7615986,996
A2789	385590,628	7624580,159	A2852	384389,277	7618189,518	A2915	384897,076	7613477,777	A2978	383499,677	7615875,540
A2790	385560,862	7624481,271	A2853	384165,174	7618373,015	A2916	384853,750	7613374,920	A2979	383473,549	7615807,079
A2791	385593,935	7624140,619	A2854	384157,237	7618460,659	A2917	384839,528	7613171,190	A2980	383401,780	7615772,021
A2792	385525,170	7623572,106	A2855	384231,982	7618650,498	A2918	384718,481	7612762,077	A2981	383333,650	7615788,227
A2793	385559,538	7623533,729	A2856	384081,831	7618679,602	A2919	384656,303	7612721,066	A2982	383287,138	7615674,494
A2794	385565,491	7623469,236	A2857	384043,797	7618656,121	A2920	384583,543	7612725,697	A2983	382773,062	7615509,422
A2795	385494,384	7623160,665	A2858	383777,228	7618151,096	A2921	384530,626	7612775,968	A2984	383479,501	7615049,706
A2796	385500,668	7623035,318	A2859	383780,866	7618098,840	A2922	384517,066	7612838,806	A2985	383689,515	7615037,138
A2797	385586,657	7622732,038	A2860	383753,415	7618049,892	A2923	384628,522	7613219,808	A2986	383849,919	7614941,226
A2798	385619,730	7622691,689	A2861	383649,235	7617943,452	A2924	384641,752	7613433,459	A2987	383980,888	7614975,953
A2799	385625,022	7622631,166	A2862	383549,685	7617642,433	A2925	384726,419	7613622,968	A2988	383994,448	7615058,305
A2800	385580,373	7622539,884	A2863	383599,955	7617335,184	A2926	384768,091	7613898,135	A2989	384044,058	7615112,544
A2801	385571,774	7622429,420	A2864	383909,519	7617447,963	A2927	384746,263	7613945,099	A2990	384120,787	7615118,167
A2802	385539,693	7622311,019	A2865	383968,058	7617439,033	A2928	384762,469	7614015,544	A2991	384183,626	7615079,471
A2803	385541,016	7622041,804	A2866	384257,116	7617286,236	A2929	384791,243	7614040,018	A2992	384205,454	7615011,341
A2804	385776,826	7621868,171	A2867	384322,932	7617306,741	A2930	384813,071	7614180,579	A2993	384185,941	7614897,570
A2805	385774,511	7621764,983	A2868	384401,645	7617270,030	A2931	384874,468	7614551,327	A2994	384126,324	7614790,082
A2806	385725,685	7621704,843	A2869	384514,334	7617432,980	A2932	384815,717	7614584,731	A2995	384276,892	7614744,441
A2807	385731,516	7621494,115	A2870	384704,925	7617559,749	A2933	384767,431	7614647,239	A2996	384261,678	7614544,350
A2808	385662,062	7621429,292	A2871	384782,978	7617544,205	A2934	384772,061	7614721,984	A2997	384297,066	7614427,602
A2809	385589,302	7621432,599	A2872	384830,603	7617573,640	A2935	384772,371	7614776,555	A2998	384248,779	7614595,760
A2810	385517,533	7621242,099	A2873	384833,249	7617629,864	A2936	384882,856	7614789,453	A2999	384169,073	7614149,127
A2811	385511,249	7621136,265	A2874	384881,866	7617682,450	A2937	385018,455	7614762,002	A3000	384084,737	7614173,270
A2812	385567,804	7621104,515	A2875	384994,645	7617713,208	A2938	385031,023	7614914,800	A3001	384039,757	7614249,669
A2813	385593,601	7621034,731	A2876	385273,781	7617702,624	A2939	385099,815	7615053,045	A3002	384076,138	7614420,326
A2814	385573,095	7620965,277	A2877	385414,342	7617562,725	A2940	385085,924	7615225,025	A3003	384044,719	7614524,175
A2815	385532,416	7620936,173	A2878	385462,297	7617404,305	A2941	385050,536	7615258,759	A3004	384058,279	7614709,053
A2816	385554,244	7620718,553	A2879	385406,404	7617325,922	A2942	385040,945	7615337,804	A3005	384016,938	7614763,293
A2817	385522,824	7620661,667	A2880	385175,223	7617282,266	A2943	385072,695	7615384,106	A3006	383839,666	7614717,653
A2818	385497,358	7620645,131	A2881	385250,299	7616982,955	A2944	385055,828	7615591,804	A3007	383786,749	7614727,575
A2819	385382,264	7620314,401	A2882	385317,106	7616996,845	A2945	385141,157	7616076,324	A3008	383625,684	7614825,140
A2820	385440,803	7620123,900	A2883	385394,497	7616940,952	A2946	385008,535	7616445,750	A3009	383482,808	7614832,747
A2821	385559,535	7620173,179	A2884	385402,104	7616850,663	A2947	384817,042	7616334,625	A3010	383446,097	7614740,474
A2822	385627,004	7620166,564	A2885	385356,794	7616792,454	A2948	384732,705	7616352,484	A3011	383328,357	7614652,169
A2823	385683,559	7620102,402	A2886	385213,588	7616716,386	A2949	384686,073	7616425,576	A3012	383294,292	7614593,960
A2824	385678,267	7619941,006	A2887	385185,806	7616586,740	A2950	384602,067	7616816,168	A3013	383201,026	7614579,077
A2825	385627,334	7619892,719	A2888	385242,692	7616427,990	A2951	384643,078	7616889,921	A3014	383133,557	7614629,679
A2826	385374,987	7619798,131	A2889	385295,608	7616395,247	A2952	384725,761	7616914,395	A3015	383115,698	7614705,416
A2827	385410,044	7619647,318	A2890	385317,437	7616320,171	A2953	384805,797	7616872,392	A3016	383161,008	7614803,313
A2828	385471,560	7619662,200	A2891	385298,254	7616274,861	A2954	384864,667	7616788,387	A3017	383285,362	7614919,068
A2829	385540,683	7619628,797	A2892	385346,210	7616142,900	A2955	384602,123	7616751,723	A3018	382557,095	7615391,352
A2830	385572,433	7619556,036	A2893	385416,986	7616054,595	A2956	385041,939	7616933,577	A3019	382459,529	7615397,966
A2831	385521,831	7619361,897	A2894	385407,395	7615960,998	A2957	384986,533	7617155,966	A3020	382325,584	7615445,592
A2832	385447,747	7619322,871	A2895	385331,658	7615905,436	A2958	384885,834	7617187,909	A3021	382237,609	7615381,430
A2833	385373,994	7619335,108	A2896	385271,795	7615573,283	A2959	384693,349	7617085,052	A3022	381957,150	7615279,896
A2834	385280,398	7619432,343	A2897	385305,198	7615173,761	A2960	384632,826	7617091,997	A3023	381836,103	7615286,180
A2835	385212,282	7619558,946	A2898	385353,485	7615140,688	A2961	384565,026	7617128,378	A3024	381338,023	7615174,725

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A3025	381282,791	7615184,977	A3088	382833,465	7610595,745	A3151	386750,197	7603069,032	A3214	387492,970	7600524,305
A3026	381200,241	7615236,241	A3089	382745,160	7610600,375	A3152	386805,495	7603080,410	A3215	387416,519	7600527,499
A3027	381143,090	7615145,224	A3090	382406,822	7609591,649	A3153	387267,194	7602898,640	A3216	387248,759	7600738,618
A3028	381563,994	7614829,746	A3091	382435,926	7609538,732	A3154	387309,263	7602859,481	A3217	387193,197	7600868,000
A3029	381605,005	7614822,867	A3092	382425,343	7609469,278	A3155	387539,980	7602778,254	A3218	386790,764	7600962,457
A3030	381647,073	7614787,148	A3093	382374,741	7609417,684	A3156	387764,877	7602819,528	A3219	386653,181	7601021,724
A3031	381743,911	7614865,200	A3094	382320,501	7609411,401	A3157	387996,388	7602755,499	A3220	386447,070	7601213,548
A3032	381802,914	7614869,434	A3095	382289,743	7609417,685	A3158	388038,457	7602716,605	A3221	386410,293	7601308,534
A3033	381859,535	7614843,769	A3096	381978,526	7609036,353	A3159	388054,332	7602658,396	A3222	386102,663	7601620,600
A3034	381893,137	7614783,973	A3097	381918,664	7609011,217	A3160	388037,928	7602597,277	A3223	386044,902	7601824,473
A3035	381885,199	7614708,037	A3098	381812,830	7609023,124	A3161	387985,275	7602555,209	A3224	385976,110	7601836,115
A3036	381783,334	7614619,931	A3099	381913,041	7608657,998	A3162	387925,215	7602552,563	A3225	385935,365	7601872,099
A3037	381849,480	7614535,793	A3100	381986,794	7608674,203	A3163	387752,441	7602601,247	A3226	386184,979	7602080,591
A3038	381864,078	7614475,991	A3101	382057,570	7608637,161	A3164	387523,322	7602556,150	A3227	385634,268	7602270,563
A3039	381776,190	7614083,089	A3102	382086,674	7608560,763	A3165	387357,417	7602616,064	A3228	385545,632	7602244,104
A3040	381602,902	7613584,845	A3103	382054,924	7608483,703	A3166	387358,211	7602442,761	A3229	384918,832	7601328,379
A3041	381611,883	7613566,092	A3104	381978,856	7608447,653	A3167	387319,581	7602392,225	A3230	384875,969	7601297,687
A3042	381608,178	7613513,175	A3105	382177,624	7607810,997	A3168	387260,844	7602368,678	A3231	384761,355	7601282,707
A3043	381577,751	7613463,963	A3106	382263,614	7607651,916	A3169	387196,550	7602383,759	A3232	385271,521	7600424,030
A3044	381537,270	7613443,061	A3107	382451,138	7607549,389	A3170	387151,835	7602432,442	A3233	385434,505	7599883,220
A3045	381506,578	7613439,886	A3108	382761,065	7607549,506	A3171	387139,546	7602485,957	A3234	386657,549	7599493,487
A3046	381453,132	7613360,775	A3109	382968,764	7607725,983	A3172	387146,014	7602717,664	A3235	386110,252	7599377,599
A3047	381379,577	7613069,732	A3110	383027,237	7607734,714	A3173	386824,280	7602844,665	A3236	386153,644	7599401,146
A3048	381485,675	7613017,345	A3111	383082,271	7607711,960	A3174	386796,499	7602796,511	A3237	386224,023	7599391,092
A3049	381515,309	7612962,576	A3112	383116,666	7607665,129	A3175	386649,125	7602668,717	A3238	386273,501	7599341,350
A3050	381513,192	7612898,282	A3113	383122,223	7607604,274	A3176	386384,541	7602544,098	A3239	386281,438	7599293,990
A3051	381471,388	7612845,365	A3114	383097,087	7607555,591	A3177	386027,881	7602137,961	A3240	386276,940	7599260,917
A3052	381402,860	7612824,992	A3115	382927,753	7607410,599	A3178	386089,000	7602032,921	A3241	386554,224	7599061,155
A3053	381321,633	7612859,388	A3116	383000,514	7607214,013	A3179	386159,115	7602021,809	A3242	386601,320	7599148,203
A3054	381150,446	7612217,242	A3117	382993,105	7606937,787	A3180	386222,812	7601979,989	A3243	386671,700	7599177,837
A3055	381163,411	7612109,027	A3118	383166,407	7606681,140	A3181	386296,963	7601739,497	A3244	386736,523	7599158,787
A3056	381151,769	7611961,654	A3119	383223,557	7606458,095	A3182	386469,207	7601551,907	A3245	386781,238	7599108,780
A3057	380991,618	7611902,842	A3120	383379,397	7606186,103	A3183	386603,603	7601589,213	A3246	386875,735	7599040,782
A3058	381104,672	7610676,833	A3121	383384,424	7606136,096	A3184	386568,955	7601600,590	A3247	386700,804	7598884,413
A3059	381132,982	7610627,356	A3122	383332,565	7605892,150	A3185	386734,585	7601548,203	A3248	386841,826	7598802,160
A3060	381127,955	7610561,739	A3123	383307,430	7605466,434	A3186	386832,746	7602012,548	A3249	387197,920	7597387,328
A3061	381089,326	7610510,939	A3124	383350,292	7605301,862	A3187	386876,667	7602057,527	A3250	387036,736	7597122,172
A3062	381032,440	7610492,683	A3125	383358,759	7605168,512	A3188	386935,405	7602069,962	A3251	387437,668	7596447,327
A3063	381025,621	7610314,475	A3126	383405,325	7605062,149	A3189	386997,582	7602049,589	A3252	387527,362	7596444,152
A3064	381176,109	7610277,840	A3127	383635,273	7604845,746	A3190	387035,682	7601993,762	A3253	387664,294	7596345,539
A3065	381212,886	7610297,949	A3128	383667,528	7604732,741	A3191	387035,682	7601940,845	A3254	387887,462	7596768,532
A3066	381273,741	7610295,038	A3129	383768,334	7604561,820	A3192	386975,621	7601660,121	A3255	387826,607	7596787,582
A3067	381425,634	7610203,245	A3130	383769,128	7604507,580	A3193	387274,072	7601629,958	A3256	387786,126	7596859,020
A3068	381454,664	7610074,386	A3131	383689,625	7604277,166	A3194	387324,608	7601587,889	A3257	387804,014	7596958,091
A3069	381422,966	7610012,197	A3132	383822,838	7604219,977	A3195	387341,806	7601527,300	A3258	388060,236	7597063,543
A3070	381372,695	7609980,976	A3133	383859,351	7604177,908	A3196	387321,962	7601461,947	A3259	388107,596	7597058,780
A3071	381310,253	7609979,918	A3134	383900,361	7603978,676	A3197	387273,014	7601427,022	A3260	388200,465	7597150,062
A3072	381164,408	7609820,505	A3135	383915,971	7603315,363	A3198	387225,918	7601420,408	A3261	388243,064	7597426,552
A3073	381300,463	7609566,902	A3136	383985,467	7603086,044	A3199	386932,229	7601450,571	A3262	388097,278	7597470,738
A3074	381547,849	7609353,259	A3137	383869,139	7602732,749	A3200	386908,681	7601348,441	A3263	388058,384	7597525,242
A3075	381676,437	7609400,090	A3138	383743,197	7602414,984	A3201	387282,627	7601270,697	A3264	388056,003	7597592,711
A3076	381744,435	7609382,892	A3139	384604,682	7601519,894	A3202	387458,575	7601301,389	A3265	388097,807	7597654,095
A3077	381855,797	7609239,366	A3140	384795,447	7601526,509	A3203	387423,398	7601277,312	A3266	388169,509	7597671,822
A3078	382196,610	7609636,893	A3141	385412,450	7602427,331	A3204	387582,400	7601171,478	A3267	388270,051	7597640,865
A3079	382367,003	7610175,321	A3142	385657,464	7602499,648	A3205	387627,909	7601190,263	A3268	388486,746	7598112,090
A3080	382578,472	7610772,686	A3143	385717,524	7602490,917	A3206	387705,168	7601164,863	A3269	388769,852	7598362,121
A3081	382616,837	7610805,098	A3144	385886,938	7602315,314	A3207	387748,295	7601084,959	A3270	388888,650	7598698,937
A3082	382665,454	7610817,996	A3145	386146,680	7602598,602	A3208	387717,603	7601004,790	A3271	388935,482	7598737,037
A3083	382867,200	7610809,066	A3146	386156,813	7602650,365	A3209	387530,791	7600882,422	A3272	389001,099	7598744,445
A3084	382921,439	7610767,725	A3147	386388,599	7602818,615	A3210	387515,725	7600764,812	A3273	389062,218	7598710,843
A3085	382937,976	7610711,501	A3148	386458,889	7602815,826	A3211	387576,050	7600673,795	A3274	389081,268	7598667,187
A3086	382928,054	7610650,977	A3149	386632,721	7602936,741	A3212	387584,252	7600612,147	A3275	389179,693	7598626,441
A3087	382881,421	7610608,644	A3150	386672,144	7603008,443	A3213	387551,444	7600554,732	A3276	389208,532	7598563,999

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A3277	389202,182	7598499,176	A3340	390244,807	7596580,216	A3403	391028,139	7597872,680	A3466	390650,049	7595009,406
A3278	389153,234	7598445,200	A3341	390371,971	7596977,328	A3404	390982,631	7597795,951	A3467	390431,767	7595069,599
A3279	389085,765	7598436,469	A3342	390461,435	7597074,988	A3405	390891,614	7597776,901	A3468	390388,441	7595125,823
A3280	389029,409	7598458,430	A3343	390460,437	7597195,782	A3406	390849,280	7597685,355	A3469	390390,095	7595184,032
A3281	388993,425	7598356,036	A3344	390631,792	7597572,642	A3407	390860,648	7597447,257	A3470	390291,868	7595214,459
A3282	389050,311	7598324,815	A3345	390636,555	7597708,109	A3408	390776,511	7597288,507	A3471	390216,025	7594872,855
A3283	389077,828	7598256,552	A3346	390586,284	7597749,913	A3409	390680,070	7597155,950	A3472	390412,347	7594838,988
A3284	389058,777	7598189,612	A3347	390578,876	7597829,288	A3410	390713,407	7597022,997	A3473	390443,568	7594729,979
A3285	389011,152	7598148,866	A3348	390625,442	7597900,197	A3411	390565,373	7596870,993	A3474	390392,238	7594648,487
A3286	388944,477	7598141,723	A3349	390715,930	7597911,838	A3412	390550,292	7596802,334	A3475	390155,171	7594620,442
A3287	388878,860	7598173,737	A3350	390827,585	7598148,905	A3413	390650,701	7596518,171	A3476	390108,194	7594408,699
A3288	388657,932	7597976,093	A3351	390874,398	7598422,221	A3414	390648,461	7596302,957	A3477	390121,093	7594348,507
A3289	388483,425	7597594,298	A3352	390730,465	7597575,137	A3415	390802,449	7596251,363	A3478	390077,106	7594260,202
A3290	388400,042	7597039,832	A3353	390699,773	7598553,983	A3416	390969,931	7596241,044	A3479	390134,123	7594150,135
A3291	388139,346	7596788,640	A3354	390720,940	7598627,009	A3417	391022,186	7596294,225	A3480	390124,202	7594076,713
A3292	388092,250	7596699,211	A3355	390788,673	7598671,988	A3418	391122,199	7596281,922	A3481	390074,592	7594033,453
A3293	388094,631	7596660,317	A3356	390910,382	7598637,063	A3419	391221,153	7596115,631	A3482	390010,695	7594021,944
A3294	388064,204	7596602,637	A3357	390950,598	7598863,546	A3420	391373,950	7596143,016	A3483	389947,989	7594056,869
A3295	388032,454	7596586,498	A3358	390992,932	7598954,563	A3421	391627,951	7596123,966	A3484	389865,470	7594214,934
A3296	387895,191	7596325,545	A3359	391013,569	7599101,275	A3422	391757,729	7596024,747	A3485	389763,296	7594216,158
A3297	387968,031	7596323,336	A3360	390845,823	7599091,750	A3423	391847,423	7595816,387	A3486	389789,649	7593853,093
A3298	388093,084	7596310,409	A3361	390777,031	7599134,083	A3424	391898,620	7595783,446	A3487	389853,016	7593608,982
A3299	388412,833	7596240,030	A3362	390761,686	7599225,100	A3425	391917,273	7595733,837	A3488	389964,935	7593619,697
A3300	388508,414	7596252,531	A3363	390837,886	7599348,926	A3426	392028,398	7595677,877	A3489	390031,610	7593575,644
A3301	388565,961	7596222,766	A3364	390765,919	7599598,693	A3427	392099,439	7595679,862	A3490	390049,470	7593502,222
A3302	388643,352	7596101,719	A3365	390792,113	7599782,843	A3428	392153,017	7595802,893	A3491	390019,704	7593389,906
A3303	388674,044	7595953,353	A3366	390847,146	7599825,706	A3429	392301,449	7595890,206	A3492	389922,470	7593340,693
A3304	388732,424	7595792,341	A3367	390860,904	7600000,331	A3430	392380,030	7595873,140	A3493	389965,068	7593168,582
A3305	388757,427	7595561,359	A3368	390838,679	7600064,360	A3431	392429,640	7595807,259	A3494	389935,963	7593107,727
A3306	388804,523	7595347,046	A3369	390835,504	7600210,940	A3432	392412,574	7595719,152	A3495	389793,617	7592999,248
A3307	388830,982	7595122,679	A3370	390921,759	7600348,523	A3433	392355,735	7595679,921	A3496	389769,805	7592912,464
A3308	388898,186	7594915,774	A3371	391000,076	7600374,453	A3434	392344,086	7595568,272	A3497	389656,563	7592874,894
A3309	388972,799	7594770,253	A3372	391078,392	7600336,353	A3435	392373,680	7595513,174	A3498	389596,238	7592511,885
A3310	389215,687	7594737,445	A3373	391103,792	7600251,157	A3436	392362,171	7595433,799	A3499	389548,083	7592425,101
A3311	389296,649	7594666,536	A3374	391246,668	7600315,186	A3437	392276,446	7595377,046	A3500	389633,279	7592384,884
A3312	389537,421	7594645,899	A3375	391204,863	7600526,853	A3438	392128,014	7595443,324	A3501	389654,975	7592291,751
A3313	389576,315	7594703,314	A3376	391034,471	7600621,045	A3439	392110,552	7595413,558	A3502	389606,821	7592213,963
A3314	389648,943	7594717,204	A3377	391016,480	7600718,412	A3440	392043,877	7595377,442	A3503	389534,854	7592205,496
A3315	389718,396	7594681,882	A3378	391072,042	7600783,499	A3441	391961,326	7595406,017	A3504	389529,653	7592153,638
A3316	389745,780	7594614,810	A3379	391147,713	7600802,549	A3442	391923,623	7595478,646	A3505	389612,642	7592133,530
A3317	389717,999	7594506,463	A3380	391100,088	7601087,242	A3443	391637,893	7595666,177	A3506	389660,267	7592107,088
A3318	389898,578	7594456,060	A3381	391145,068	7601208,950	A3444	391577,009	7595627,185	A3507	389651,800	7591993,829
A3319	389981,075	7594815,704	A3382	391213,859	7601230,117	A3445	391509,540	7595652,585	A3508	389582,479	7591740,358
A3320	389833,966	7594869,150	A3383	391290,589	7601218,475	A3446	391456,359	7595710,925	A3509	389508,396	7591686,383
A3321	389750,490	7595005,596	A3384	391338,743	7601138,571	A3447	391475,276	7595924,361	A3510	389413,675	7591717,604
A3322	389748,903	7595136,565	A3385	391319,693	7601063,429	A3448	391381,888	7595929,894	A3511	389382,983	7591789,571
A3323	389805,259	7595203,637	A3386	391392,189	7600676,607	A3449	391183,053	7595890,206	A3512	389306,254	7591773,696
A3324	389885,428	7595200,462	A3387	391444,047	7600648,032	A3450	391117,965	7595904,890	A3513	389299,375	7591656,749
A3325	389971,223	7595145,136	A3388	391490,085	7600537,965	A3451	391021,921	7596027,525	A3514	389332,712	7591596,424
A3326	390035,447	7595299,681	A3389	391486,910	7600467,586	A3452	390776,255	7596039,828	A3515	389312,075	7591514,933
A3327	390127,125	7595349,688	A3390	391446,164	7600417,844	A3453	390669,893	7596070,388	A3516	389198,833	7591424,445
A3328	390179,619	7595427,184	A3391	391462,568	7600336,353	A3454	390547,655	7596000,141	A3517	388987,695	7591176,794
A3329	390100,376	7595558,418	A3392	391463,627	7600243,219	A3455	390393,072	7595411,243	A3518	388889,799	7590908,506
A3330	390116,251	7595633,427	A3393	391375,255	7599949,531	A3456	390533,632	7595360,972	A3519	388800,369	7590878,873
A3331	390163,082	7595675,099	A3394	391409,122	7599889,206	A3457	390584,895	7595410,912	A3520	388723,640	7590916,973
A3332	390247,352	7595690,710	A3395	391402,243	7599829,939	A3458	390652,695	7595422,819	A3521	388693,478	7590985,236
A3333	390355,706	7596096,661	A3396	391312,020	7599689,180	A3459	390704,619	7595395,037	A3522	388796,665	7591279,982
A3334	390312,938	7596126,785	A3397	391202,350	7598911,039	A3460	390736,700	7595356,011	A3523	389082,416	7591626,058
A3335	390294,417	7596183,340	A3398	391209,494	7598822,933	A3461	390737,031	7595279,943	A3524	389095,116	7591837,196
A3336	390311,928	7596347,279	A3399	391200,366	7598759,433	A3462	390694,036	7595222,066	A3525	389282,441	7592157,342
A3337	390190,898	7596378,140	A3400	391140,040	7598716,438	A3463	390737,361	7595169,149	A3526	389214,179	7592314,505
A3338	390149,226	7596438,663	A3401	391048,247	7598172,718	A3464	390750,591	7595105,979	A3527	389242,754	7592407,109
A3339	390156,172	7596532,260	A3402	391089,523	7598093,343	A3465	390719,171	7595039,833	A3528	389316,837	7592425,630

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A3529	389343,825	7592513,472	A3592	387314,626	7591709,453	A3655	385523,386	7586709,343	A3718	385517,827	7583610,004
A3530	389286,145	7592555,276	A3593	387264,091	7591591,978	A3656	385499,574	7586771,520	A3719	385525,236	7583560,526
A3531	389282,970	7592646,822	A3594	387226,520	7591559,169	A3657	385500,897	7587174,746	A3720	385505,127	7583503,376
A3532	389340,650	7592712,439	A3595	387177,572	7591548,057	A3658	385370,986	7587147,230	A3721	385436,335	7583454,957
A3533	389414,204	7592715,085	A3596	387017,763	7591560,492	A3659	385296,903	7587169,984	A3722	385238,955	7583176,350
A3534	389459,712	7592998,719	A3597	387010,090	7591508,634	A3660	385206,150	7586746,120	A3723	385319,124	7583018,393
A3535	389486,171	7593063,277	A3598	386982,308	7591460,744	A3661	385231,815	7586703,787	A3724	385310,922	7582950,660
A3536	389735,144	7593222,028	A3599	386947,648	7591440,900	A3662	385230,227	7586650,605	A3725	385266,472	7582901,976
A3537	389580,098	7593820,153	A3600	386991,569	7591322,631	A3663	385206,679	7586602,716	A3726	385196,092	7582887,160
A3538	389558,501	7594125,582	A3601	387075,971	7591228,175	A3664	385175,458	7586582,607	A3727	385133,386	7582918,910
A3539	389534,378	7594305,512	A3602	387089,994	7591194,308	A3665	385142,385	7586406,659	A3728	385102,429	7582962,831
A3540	389499,651	7594336,270	A3603	387117,510	7591046,934	A3666	385152,704	7586373,850	A3729	384981,514	7582596,382
A3541	389495,087	7594438,465	A3604	387100,841	7591089,561	A3667	385119,101	7586177,264	A3730	385070,679	7582309,308
A3542	389209,337	7594459,632	A3605	387087,877	7590869,134	A3668	385164,874	7586155,039	A3731	385064,064	7582265,387
A3543	389124,141	7594535,832	A3606	386939,974	7590644,237	A3669	385192,920	7586099,741	A3732	384982,043	7582085,470
A3544	388829,923	7594577,107	A3607	386874,886	7590312,978	A3670	385190,539	7586038,887	A3733	385028,345	7582058,482
A3545	388701,865	7594835,870	A3608	386835,992	7590189,153	A3671	385154,026	7585989,145	A3734	385053,745	7582001,332
A3546	388624,077	7595069,762	A3609	386882,030	7590173,542	A3672	385089,997	7585962,687	A3735	385046,337	7581939,949
A3547	388597,090	7595306,829	A3610	386921,188	7590126,182	A3673	385086,822	7585875,109	A3736	385004,532	7581890,207
A3548	388550,523	7595523,259	A3611	386927,009	7590061,358	A3674	385121,747	7585749,167	A3737	384940,767	7581874,332
A3549	388518,641	7595759,003	A3612	386898,963	7590007,912	A3675	385332,885	7585768,746	A3738	384891,555	7581891,001
A3550	388472,431	7595883,503	A3613	386845,250	7589972,125	A3676	385326,270	7585823,515	A3739	384765,613	7581956,882
A3551	388443,591	7596024,659	A3614	386637,818	7589994,154	A3677	385370,985	7585980,149	A3740	384738,361	7582004,772
A3552	388332,109	7596035,136	A3615	386506,584	7589855,248	A3678	385405,910	7586024,070	A3741	384734,657	7582061,393
A3553	387941,385	7596116,694	A3616	386561,618	7589820,852	A3679	385619,430	7586088,099	A3742	384848,163	7582307,192
A3554	387816,127	7596084,603	A3617	386585,166	7589776,931	A3680	385615,990	7586067,726	A3743	384761,115	7582586,593
A3555	387955,195	7595938,531	A3618	386588,605	7589737,243	A3681	385654,355	7586012,428	A3744	384780,959	7582686,605
A3556	387975,303	7595895,668	A3619	386570,349	7589650,724	A3682	385658,588	7585945,488	A3745	384739,684	7582716,239
A3557	387986,415	7595812,324	A3620	386531,455	7589604,687	A3683	385619,430	7585888,603	A3746	384721,163	7582308,798
A3558	387975,038	7595770,785	A3621	386468,219	7589588,018	A3684	385565,719	7585863,996	A3747	384739,684	7582846,679
A3559	387918,417	7595694,849	A3622	386330,835	7589630,950	A3685	385562,279	7585665,823	A3748	384795,776	7582884,250
A3560	387889,842	7595531,865	A3623	386305,236	7589550,712	A3686	385546,669	7585584,595	A3749	384846,841	7582886,896
A3561	387941,385	7595616,771	A3624	386302,854	7589191,406	A3687	385542,164	7585535,912	A3750	384828,862	7583108,088
A3562	387714,422	7595274,425	A3625	386270,839	7589089,541	A3688	385123,149	7585492,193	A3751	385192,918	7583482,474
A3563	387697,224	7595211,983	A3626	386384,346	7589028,952	A3689	385086,821	7585016,269	A3752	384768,260	7583702,873
A3564	387628,961	7595082,072	A3627	386414,244	7588974,183	A3690	385057,507	7584860,855	A3753	384455,786	7583260,489
A3565	387560,699	7595024,922	A3628	386411,862	7588908,830	A3691	385413,847	7584758,299	A3754	384501,294	7583066,813
A3566	387535,828	7594927,555	A3629	386369,264	7588858,030	A3692	385465,705	7584921,018	A3755	384491,769	7582924,202
A3567	387626,844	7594739,700	A3630	386308,761	7588828,381	A3693	385523,914	7584965,998	A3756	384533,573	7582897,744
A3568	387631,342	7594706,892	A3631	386160,772	7588890,839	A3694	385594,558	7584962,029	A3757	384554,740	7582847,473
A3569	387598,534	7594355,260	A3632	385980,373	7588176,465	A3695	385667,319	7584908,847	A3758	384554,475	7582792,175
A3570	387578,954	7594314,249	A3633	386047,265	7588138,891	A3696	385690,073	7584846,670	A3759	384525,106	7582750,371
A3571	387495,081	7594252,072	A3634	386074,517	7588087,032	A3697	385673,668	7584779,995	A3760	384482,773	7582722,854
A3572	387657,716	7593881,067	A3635	386072,665	7588024,855	A3698	385634,245	7584747,451	A3761	384441,762	7582720,473
A3573	387663,615	7593835,916	A3636	386028,214	7587967,969	A3699	385520,209	7584388,675	A3762	384382,760	7582519,918
A3574	387646,417	7593465,763	A3637	385953,337	7587951,565	A3700	385525,501	7584290,514	A3763	384394,931	7582479,172
A3575	387685,839	7593195,093	A3638	385906,249	7587974,613	A3701	385501,424	7584239,185	A3764	384379,849	7582420,170
A3576	387674,727	7593156,199	A3639	385853,853	7587812,129	A3702	385449,036	7584206,112	A3765	384343,601	7582385,245
A3577	387559,897	7592959,349	A3640	385898,568	7587803,398	A3703	385383,948	7584206,906	A3766	384230,624	7581997,629
A3578	387582,122	7592767,790	A3641	385937,462	7587766,356	A3704	385326,533	7584248,181	A3767	384239,355	7581959,793
A3579	387620,222	7592651,372	A3642	385956,776	7587713,704	A3705	385310,658	7584303,744	A3768	384229,036	7581914,549
A3580	387607,257	7592460,343	A3643	385943,282	7587651,791	A3706	385306,425	7584425,717	A3769	384139,077	7581766,647
A3581	387662,026	7592450,818	A3644	385896,186	7587605,754	A3707	385343,830	7584538,627	A3770	384146,486	7581732,520
A3582	387706,212	7592404,780	A3645	385714,682	7587559,452	A3708	385019,087	7584642,676	A3771	384100,712	7581588,846
A3583	387718,647	7592344,984	A3646	385714,417	7587479,812	A3709	384982,045	7584337,611	A3772	384106,798	7581422,952
A3584	387706,131	7592287,095	A3647	385751,988	7587443,035	A3710	384828,850	7583910,043	A3773	384081,927	7581366,066
A3585	387531,314	7592191,964	A3648	385761,777	7587391,441	A3711	385201,120	7583725,363	A3774	384025,570	7581338,285
A3586	387380,264	7592066,436	A3649	385750,400	7587336,936	A3712	385196,887	7583817,702	A3775	383981,385	7581339,079
A3587	387394,002	7592021,133	A3650	385714,417	7587299,630	A3713	385230,489	7583878,028	A3776	383883,984	7581128,344
A3588	387394,531	7591969,804	A3651	385713,623	7586752,470	A3714	385306,425	7583903,957	A3777	384087,218	7581057,561
A3589	387439,246	7591887,253	A3652	385675,787	7586699,818	A3715	385389,597	7583874,662	A3778	384125,583	7581077,670
A3590	387436,600	7591827,193	A3653	385637,158	7586682,091	A3716	385454,327	7583671,387	A3779	384199,344	7581072,596
A3591	387409,083	7591786,447	A3654	385587,680	7586678,386	A3717	385490,840	7583651,014	A3780	384398,243	7581529,184

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A3781	384510,024	7581622,184	A3844	383492,166	7578590,226	A3907	382657,309	7576215,753	A3970	380499,918	7573895,257
A3782	384583,314	7581621,654	A3845	383628,956	7578532,547	A3908	382682,312	7576136,378	A3971	380456,762	7573685,751
A3783	384644,168	7581571,648	A3846	383662,822	7578475,132	A3909	382648,180	7576057,796	A3972	380731,003	7573596,454
A3784	384656,604	7581491,743	A3847	383666,262	7578365,859	A3910	382505,702	7575862,137	A3973	380771,882	7573543,273
A3785	384456,944	7581115,516	A3848	383630,014	7578312,942	A3911	382422,755	7575858,565	A3974	380768,310	7573465,485
A3786	384651,047	7581132,967	A3849	383566,778	7578287,277	A3912	382200,213	7575951,804	A3975	380725,050	7573422,622
A3787	384707,139	7581106,509	A3850	383498,780	7578305,004	A3913	382130,257	7575702,196	A3976	380744,497	7573109,487
A3788	384741,006	7581050,152	A3851	383462,268	7578348,396	A3914	382073,901	7575661,318	A3977	380914,757	7572961,056
A3789	384736,508	7580978,715	A3852	383455,653	7578374,061	A3915	382087,779	7575661,318	A3978	381481,496	7573548,035
A3790	384690,734	7580930,296	A3853	383287,377	7578444,176	A3916	381920,707	7575740,693	A3979	381497,371	7573745,679
A3791	384647,343	7580917,066	A3854	383185,512	7578245,738	A3917	381840,935	7575772,443	A3980	381563,373	7573796,479
A3792	384231,416	7580846,423	A3855	383097,141	7578068,467	A3918	381812,757	7575853,802	A3981	381645,923	7573793,701
A3793	384169,239	7580541,357	A3856	383111,693	7577827,191	A3919	381830,616	7575914,524	A3982	381698,113	7573733,641
A3794	384184,584	7580505,374	A3857	383106,666	7577983,800	A3920	381900,069	7575962,546	A3983	381814,357	7573776,611
A3795	384182,732	7580458,543	A3858	382980,724	7577721,068	A3921	381975,873	7575948,656	A3984	381827,494	7573889,613
A3796	384101,240	7580208,246	A3859	382982,576	7577677,676	A3922	382004,845	7576161,381	A3985	381743,753	7573949,144
A3797	384132,196	7580001,341	A3860	382951,884	7577621,849	A3923	382092,263	7576279,888	A3986	381704,860	7574041,616
A3798	384110,765	7579944,456	A3861	382891,294	7577593,009	A3924	382069,932	7576339,578	A3987	381749,310	7574124,563
A3799	384059,171	7579908,208	A3862	382828,058	7577603,592	A3925	382094,539	7576422,128	A3988	381851,307	7574142,423
A3800	383995,406	7579906,620	A3863	382763,500	7577656,509	A3926	382173,517	7576458,244	A3989	381928,301	7574078,526
A3801	383939,314	7579939,958	A3864	382746,567	7577723,714	A3927	382235,932	7576435,199	A3990	382070,382	7573997,166
A3802	383918,148	7579990,229	A3865	382778,567	7577981,882	A3928	382282,764	7576589,451	A3991	382128,723	7574050,348
A3803	383885,339	7580221,211	A3866	382675,079	7578010,150	A3929	382349,378	7576674,898	A3992	382194,604	7574047,569
A3804	384015,780	7580857,007	A3867	382536,414	7577828,957	A3930	382331,976	7576753,758	A3993	382255,326	7574015,422
A3805	383794,323	7580923,682	A3868	382374,488	7577727,345	A3931	382343,618	7576816,993	A3994	382272,866	7573946,101
A3806	383670,233	7580750,909	A3869	382338,419	7577426,663	A3932	382223,947	7576880,811	A3995	382458,130	7573947,954
A3807	383561,753	7580519,927	A3870	382407,078	7577387,769	A3933	381806,830	7576353,363	A3996	382548,221	7573885,644
A3808	383497,459	7579938,371	A3871	382425,731	7577306,410	A3934	381844,533	7576297,017	A3997	383057,809	7574013,438
A3809	383573,394	7579903,710	A3872	382394,400	7577155,578	A3935	381825,880	7576213,276	A3998	383138,375	7573975,338
A3810	383640,863	7579920,908	A3873	382488,661	7577117,014	A3936	381761,189	7576167,239	A3999	383164,966	7573876,119
A3811	383685,843	7579905,827	A3874	382515,544	7577187,519	A3937	381645,302	7576173,986	A4000	383112,181	7573807,856
A3812	383731,087	7579865,874	A3875	382576,663	7577217,681	A3938	381386,539	7575771,951	A4001	382566,080	7573669,744
A3813	383742,199	7579811,370	A3876	382594,126	7577278,007	A3939	381826,129	7575739,804	A4002	382272,814	7573960,459
A3814	383733,203	7579762,951	A3877	382561,979	7577335,554	A3940	381244,060	7575636,219	A4003	382388,677	7573736,816
A3815	383642,980	7579648,651	A3878	382583,807	7577412,944	A3941	381292,479	7575584,228	A4004	382331,207	7573736,154
A3816	383666,528	7579568,746	A3879	382698,901	7577526,054	A3942	381290,892	7575489,772	A4005	381720,415	7573516,285
A3817	383658,855	7579530,382	A3880	383242,621	7577351,825	A3943	381214,295	7575434,209	A4006	381675,171	7573442,466
A3818	383682,932	7579456,563	A3881	383299,559	7577371,429	A3944	381144,841	7575444,131	A4007	381572,115	7573335,887
A3819	383666,263	7579391,740	A3882	383369,410	7577352,379	A3945	380924,972	7575263,553	A4008	381652,689	7573170,012
A3820	383618,902	7579354,169	A3883	383417,035	7577278,957	A3946	380848,772	7575254,821	A4009	381634,830	7573077,143
A3821	383562,017	7579343,497	A3884	383652,382	7577132,907	A3947	380660,256	7575433,019	A4010	381557,968	7573034,942
A3822	383493,754	7579288,728	A3885	383662,304	7577249,985	A3948	380430,068	7575127,689	A4011	381328,838	7573077,804
A3823	383484,229	7579244,014	A3886	383692,466	7577309,119	A3949	380413,796	7574843,526	A4012	381045,252	7572789,473
A3824	383372,045	7579036,315	A3887	383773,826	7577332,535	A3950	380605,884	7574637,547	A4013	381062,318	7572736,689
A3825	383328,389	7579005,888	A3888	383850,026	7577296,816	A3951	380951,960	7574744,439	A4014	381350,846	7572695,017
A3826	383271,238	7578999,803	A3889	383941,704	7577053,531	A3952	381039,802	7574919,065	A4015	381405,218	7572644,217
A3827	383115,134	7579065,684	A3890	383941,704	7576997,175	A3953	380998,394	7574990,634	A4016	381444,906	7572521,979
A3828	383088,675	7578943,182	A3891	383865,107	7576861,047	A3954	381029,350	7575093,425	A4017	381404,821	7572446,572
A3829	383096,613	7578898,203	A3892	384044,892	7576766,590	A3955	381131,348	7575114,460	A4018	381270,894	7572394,120
A3830	383055,246	7578697,498	A3893	384100,058	7576605,459	A3956	381219,189	7575058,765	A4019	381269,836	7572287,757
A3831	383160,067	7578666,140	A3894	384056,402	7576532,433	A3957	381397,254	7575183,913	A4020	381187,286	7572223,728
A3832	383249,655	7578837,321	A3895	383987,345	7576507,827	A3958	381480,201	7575161,688	A4021	381088,861	7572250,186
A3833	383333,945	7578875,448	A3896	383906,779	7576536,799	A3959	381523,858	7575101,760	A4022	380971,301	7572494,727
A3834	383394,005	7578861,690	A3897	383870,475	7576618,943	A3960	381520,286	7575018,019	A4023	380736,747	7572420,908
A3835	383439,514	7578945,034	A3898	383793,273	7576653,481	A3961	381323,039	7574867,603	A4024	380579,981	7572212,548
A3836	383496,135	7578974,932	A3899	383693,260	7576663,006	A3962	381257,554	7574770,368	A4025	380527,990	7572084,754
A3837	383559,371	7578968,317	A3900	383659,129	7576736,428	A3963	381307,164	7574702,503	A4026	380516,481	7571962,913
A3838	383612,552	7578925,454	A3901	383650,001	7576868,587	A3964	381283,748	7574610,824	A4027	380563,709	7571844,247
A3839	383627,104	7578861,954	A3902	383605,551	7576916,212	A3965	381159,923	7574498,905	A4028	380677,216	7571718,438
A3840	383635,571	7578766,439	A3903	383287,600	7577109,996	A3966	380984,503	7574505,652	A4029	380748,653	7571579,531
A3841	383604,350	7578712,199	A3904	382812,011	7577269,275	A3967	380935,291	7574421,118	A4030	380728,413	7571260,443
A3842	383568,102	7578690,768	A3905	382731,842	7576986,303	A3968	380859,884	7574409,608	A4031	380799,850	7571140,190
A3843	383541,908	7578684,418	A3906	382423,522	7576338,890	A3969	380746,775	7574451,280	A4032	380780,800	7571060,418

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A4033	380710,156	7571012,396	A4096	378897,445	7566698,721	A4159	377188,166	7560356,522	A4222	376777,003	7562852,738
A4034	380538,706	7571052,480	A4097	378810,661	7566700,837	A4160	377244,126	7560306,119	A4223	376506,731	7562935,289
A4035	380496,240	7570976,280	A4098	378721,832	7566735,374	A4161	377260,001	7560230,712	A4224	376471,805	7563015,854
A4036	380549,025	7570617,901	A4099	378717,069	7566076,957	A4162	377188,960	7560145,384	A4225	376503,159	7563098,008
A4037	380722,460	7570611,551	A4100	378675,397	7566026,157	A4163	377213,169	7560077,915	A4226	376573,406	7563130,551
A4038	380743,494	7570742,520	A4101	378428,938	7565878,519	A4164	377196,104	7560014,415	A4227	376812,722	7563063,083
A4039	380810,963	7570798,480	A4102	378232,881	7565564,194	A4165	377129,032	7559967,981	A4228	376990,125	7563068,242
A4040	380908,594	7570782,208	A4103	378261,456	7565495,931	A4166	377053,228	7559981,474	A4229	376954,936	7563133,991
A4041	380948,679	7570706,404	A4104	378223,356	7565407,428	A4167	376865,506	7559762,796	A4230	376947,792	7563338,779
A4042	380938,577	7570516,633	A4105	378124,137	7565380,837	A4168	376776,606	7559752,874	A4231	376970,017	7563398,707
A4043	381074,488	7570267,460	A4106	378010,234	7565194,306	A4169	376659,131	7559854,871	A4232	377366,099	7563638,023
A4044	381072,901	7570188,878	A4107	377985,627	7564954,593	A4170	376585,709	7560012,034	A4233	377351,018	7563749,149
A4045	380993,923	7570124,584	A4108	377902,283	7564535,108	A4171	376452,226	7559955,294	A4234	377447,855	7563794,789
A4046	380908,198	7570144,031	A4109	377820,919	7564448,841	A4172	376408,834	7559896,556	A4235	377571,284	7564202,778
A4047	380797,866	7570297,225	A4110	377813,784	7564400,157	A4173	376300,355	7559897,085	A4236	377557,790	7564263,500
A4048	380743,891	7570328,975	A4111	378103,561	7564390,226	A4174	376022,741	7559739,636	A4237	377562,949	7564340,097
A4049	380716,507	7570401,207	A4112	378150,392	7564314,423	A4175	376004,088	7559608,270	A4238	377596,684	7564377,403
A4050	380548,231	7570403,985	A4113	378145,630	7564246,161	A4176	375909,632	7559557,073	A4239	377611,368	7564492,497
A4051	380519,573	7570249,127	A4114	378092,052	7564183,454	A4177	375777,075	7559618,589	A4240	377651,056	7564620,291
A4052	380486,236	7570171,737	A4115	377782,489	7564186,629	A4178	375429,412	7559595,570	A4241	377710,592	7564757,742
A4053	380560,055	7570026,083	A4116	377755,831	7564004,737	A4179	375351,227	7559507,464	A4242	377390,520	7564727,051
A4054	380741,030	7569994,730	A4117	377879,656	7563965,446	A4180	375268,677	7559503,495	A4243	377450,833	7564598,983
A4055	381035,512	7569718,901	A4118	377908,231	7563877,339	A4181	375203,590	7559551,517	A4244	377433,767	7564525,164
A4056	381039,878	7569631,589	A4119	377885,609	7563813,046	A4182	375193,668	7559642,401	A4245	377364,711	7564476,348
A4057	380979,156	7569562,135	A4120	377810,997	7563768,992	A4183	375315,905	7559798,770	A4246	377284,145	7564492,224
A4058	380888,271	7569569,676	A4121	377673,678	7563806,299	A4184	375798,903	7559834,092	A4247	377161,920	7564565,919
A4059	380638,636	7569798,276	A4122	377654,231	7563630,086	A4185	375829,066	7559936,486	A4248	377130,566	7564642,119
A4060	380503,302	7569818,517	A4123	377573,268	7563510,626	A4186	375925,110	7560034,515	A4249	377153,188	7564711,175
A4061	380500,920	7569721,679	A4124	377163,295	7563268,532	A4187	375717,544	7560273,434	A4250	377087,307	7564931,454
A4062	380162,385	7569381,821	A4125	377164,089	7563195,507	A4188	375741,753	7560434,169	A4251	377119,057	7565110,433
A4063	380246,920	7569323,084	A4126	377243,332	7563048,398	A4189	375849,703	7560480,206	A4252	377206,370	7565140,992
A4064	380306,848	7569332,212	A4127	377275,479	7562752,329	A4190	375938,207	7560418,293	A4253	377288,523	7565097,336
A4065	380381,461	7569277,443	A4128	377246,110	7562693,591	A4191	375931,779	7560338,918	A4254	377324,639	7565034,220
A4066	380388,208	7569197,671	A4129	376957,185	7562489,200	A4192	376175,926	7560072,462	A4255	377769,330	7564980,786
A4067	380263,192	7568985,739	A4130	376938,531	7562267,744	A4193	376503,952	7560206,900	A4256	377797,111	7565252,249
A4068	380174,291	7568974,230	A4131	376949,082	7562191,936	A4194	376607,140	7560406,793	A4257	377939,987	7565486,803
A4069	379909,575	7568128,615	A4132	377021,281	7562111,378	A4195	376531,734	7560554,563	A4258	378221,372	7565999,170
A4070	379786,941	7569008,361	A4133	377087,956	7562168,913	A4196	376550,387	7560944,560	A4259	378481,722	7566161,095
A4071	379417,052	7568832,545	A4134	377116,134	7562102,237	A4197	376496,876	7561071,948	A4260	378324,559	7566413,508
A4072	378987,633	7568749,201	A4135	377056,007	7561919,683	A4198	376260,867	7560976,698	A4261	378210,656	7566528,999
A4073	378936,436	7568638,076	A4136	376906,781	7561884,758	A4199	376146,567	7560981,989	A4262	378197,956	7566618,693
A4074	378952,708	7568572,989	A4137	376742,872	7561435,892	A4200	376108,267	7561168,001	A4263	378320,987	7566785,381
A4075	378904,853	7568379,457	A4138	376819,866	7561380,329	A4201	376057,864	7561233,088	A4264	378517,044	7566846,500
A4076	379068,366	7568379,986	A4139	376927,419	7561484,708	A4202	376059,055	7561296,985	A4265	378541,809	7567050,256
A4077	379239,287	7568577,894	A4140	377046,416	7561483,773	A4203	376115,411	7561373,185	A4266	378478,309	7567244,989
A4078	379365,758	7568549,319	A4141	377104,625	7561407,573	A4204	376486,887	7561364,057	A4267	378419,042	7567341,298
A4079	379389,571	7568431,844	A4142	377105,154	7561313,910	A4205	376577,771	7561605,755	A4268	378355,119	7567594,214
A4080	379106,995	7568059,310	A4143	376989,728	7561251,345	A4206	376491,584	7561634,982	A4269	378399,172	7567714,864
A4081	379023,916	7568039,202	A4144	377246,110	7560965,991	A4207	376393,952	7561795,717	A4270	378227,722	7567883,536
A4082	378883,687	7568129,160	A4145	377244,920	7560883,838	A4208	376151,064	7561709,992	A4271	378220,975	7567964,499
A4083	378810,097	7567892,161	A4146	377181,022	7560815,972	A4209	375961,755	7561700,864	A4272	378281,697	7568033,158
A4084	378992,660	7567876,286	A4147	377091,725	7560821,131	A4210	375904,605	7561754,839	A4273	378368,216	7568037,127
A4085	379052,985	7567846,653	A4148	376831,375	7561110,454	A4211	375897,064	7561835,405	A4274	378492,464	7567920,132
A4086	379082,618	7567776,274	A4149	376726,997	7561078,307	A4212	375942,705	7561905,652	A4275	378579,440	7567985,020
A4087	378967,789	7567503,752	A4150	376767,875	7560968,769	A4213	376116,139	7561922,320	A4276	378540,751	7568069,433
A4088	379135,535	7567353,469	A4151	376752,794	7560752,472	A4214	376234,012	7562010,030	A4277	378575,147	7568166,799
A4089	379132,889	7567272,506	A4152	376787,719	7560685,400	A4215	376749,222	7562077,640	A4278	378623,736	7568178,104
A4090	379078,385	7567209,535	A4153	376747,237	7560593,721	A4216	376725,409	7562253,059	A4279	378646,610	7568276,288
A4091	378996,364	7567201,598	A4154	376834,550	7560433,119	A4217	376747,237	7562570,560	A4280	378337,286	7568413,524
A4092	378891,095	7567282,922	A4155	376828,597	7560366,047	A4218	376773,431	7562627,710	A4281	378205,920	7568371,058
A4093	378857,757	7567098,242	A4156	376750,809	7560218,409	A4219	376854,461	7562706,415	A4282	378133,292	7568410,746
A4094	378912,988	7566979,801	A4157	376956,788	7560200,153	A4220	376901,916	7562732,485	A4283	378103,923	7568487,740
A4095	378953,008	7566782,858	A4158	377097,679	7560361,681	A4221	376887,806	7562852,998	A4284	378138,451	7568559,971

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
A4285	378290,058	7568698,481	A4348	380242,449	7573503,585	B59	372656,696	7656136,018	B122	371765,048	7652557,521
A4286	378367,051	7568720,309	A4349	380229,749	7573612,329	B60	372574,675	7656116,836	B123	371757,111	7652432,505
A4287	378430,948	7568679,034	A4350	380297,115	7573994,079	B61	372174,492	7656283,523	B124	371850,376	7652066,718
A4288	378544,455	7568819,925	A4351	380499,941	7574429,652	B62	372137,450	7656052,674	B125	371782,907	7651874,233
A4289	378625,814	7568836,594	A4352	380200,961	7574753,105	B63	372192,351	7655636,616	B126	371791,506	7651692,993
A4290	378753,476	7568746,026	B1	374102,646	7660729,855	B64	372284,955	7655655,798	B127	371876,173	7651494,555
A4291	378829,279	7568921,446	B2	373910,823	7660418,969	B65	372443,044	7655541,366	B128	371868,897	7651423,779
A4292	378898,733	7568948,036	B3	373910,162	7660353,485	B66	372529,034	7655839,684	B129	371641,355	7651192,930
A4293	378830,073	7569075,433	B4	373856,584	7660289,323	B67	372611,055	7655872,095	B130	371492,527	7651007,060
A4294	378832,454	7569157,190	B5	373773,240	7660289,323	B68	372697,045	7655844,976	B131	371633,418	7650961,419
A4295	378951,120	7569243,709	B6	373541,067	7660361,422	B69	372731,441	7655757,663	B132	371868,897	7650966,711
A4296	379223,377	7569357,215	B7	373414,067	7660135,203	B70	372638,175	7655446,115	B133	371927,106	7650907,841
A4297	379280,330	7569350,071	B8	373310,879	7660100,146	B71	372579,966	7655352,188	B134	371930,413	7650819,867
A4298	379575,406	7569142,505	B9	373156,098	7659935,442	B72	372628,253	7655298,610	B135	371861,621	7650749,752
A4299	379670,259	7569188,675	B10	373056,879	7659891,786	B73	372620,977	7655227,172	B136	371644,001	7650747,767
A4300	380291,767	7569811,770	B11	372536,310	7659807,119	B74	372548,878	7655041,964	B137	371472,683	7650712,049
A4301	380292,560	7569946,311	B12	372517,789	7659734,358	B75	372416,586	7654818,390	B138	371456,808	7650591,663
A4302	380318,357	7570037,989	B13	372436,430	7659678,134	B76	372253,205	7654646,411	B139	371522,292	7650458,710
A4303	380267,557	7570135,224	B14	372471,487	7659445,962	B77	372163,247	7654637,812	B140	371638,048	7650314,511
A4304	380262,795	7570186,024	B15	372535,649	7659435,379	B78	372006,495	7654695,112	B141	371763,064	7650041,990
A4305	380316,373	7570311,437	B16	372867,040	7659295,811	B79	371931,074	7654498,905	B142	371922,475	7650054,558
A4306	380350,190	7570503,998	B17	373119,056	7659107,956	B80	371964,809	7654435,405	B143	371976,054	7650093,584
A4307	380278,753	7571020,730	B18	373127,655	7659030,565	B81	371949,595	7654359,337	B144	372049,476	7650095,568
A4308	380325,981	7571102,486	B19	373087,967	7658960,451	B82	371881,465	7654306,420	B145	372155,971	7650043,974
A4309	380324,790	7571164,796	B20	372998,670	7658940,607	B83	371853,684	7654227,045	B146	372255,851	7649940,787
A4310	380281,531	7571376,728	B21	372736,071	7659121,185	B84	371886,757	7654048,451	B147	372364,331	7649922,266
A4311	380274,387	7571660,494	B22	372576,633	7659185,199	B85	372078,580	7653811,649	B148	372449,659	7650005,610
A4312	380295,421	7571883,141	B23	372435,223	7659168,252	B86	372071,965	7653711,768	B149	372807,508	7650104,829
A4313	380121,987	7572046,257	B24	372433,122	7658957,143	B87	371942,319	7653641,653	B150	372861,748	7650153,777
A4314	380131,115	7572128,013	B25	372302,153	7658596,648	B88	372054,767	7653269,252	B151	372970,889	7650149,146
A4315	380183,105	7572185,957	B26	372422,539	7658274,517	B89	372187,059	7653293,726	B152	373002,502	7650210,224
A4316	380262,481	7572192,307	B27	372620,977	7658503,382	B90	372261,804	7653240,147	B153	372958,769	7650301,141
A4317	380324,393	7572164,254	B28	372709,612	7658509,335	B91	372271,726	7653134,314	B154	372898,128	7650275,485
A4318	380378,765	7572305,020	B29	372783,034	7658443,851	B92	372583,935	7653140,267	B155	372811,477	7650299,298
A4319	380607,763	7572601,883	B30	372772,451	7658351,246	B93	372872,993	7653208,397	B156	372775,758	7650390,579
A4320	380828,425	7572672,527	B31	372469,503	7657999,350	B94	373214,968	7653252,715	B157	372814,123	7650473,923
A4321	380835,966	7572710,627	B32	372336,549	7657997,365	B95	373509,317	7653088,012	B158	373029,097	7650574,465
A4322	380600,307	7572951,201	B33	372308,106	7657745,349	B96	373756,703	7653017,897	B159	373097,889	7650551,314
A4323	380411,394	7572963,901	B34	372413,940	7657433,802	B97	373822,849	7653022,527	B160	373281,114	7650385,288
A4324	380238,356	7573033,222	B35	372521,758	7657466,213	B98	373890,979	7652961,011	B161	373350,567	7650442,835
A4325	380031,981	7572979,776	B36	372703,659	7657468,859	B99	373890,979	7652871,053	B162	373435,895	7650430,928
A4326	379744,113	7572976,601	B37	372943,769	7657528,390	B100	373984,907	7652648,141	B163	373490,796	7650362,137
A4327	379674,263	7573109,951	B38	372989,410	7657585,937	B101	373965,063	7652563,474	B164	373482,197	7650292,022
A4328	379523,980	7573123,181	B39	373091,936	7657585,276	B102	373883,042	7652523,787	B165	373652,192	7650240,428
A4329	379267,862	7573240,656	B40	373257,301	7657500,609	B103	373791,760	7652554,214	B166	373720,984	7650251,673
A4330	379186,371	7573341,727	B41	373277,145	7657411,974	B104	373681,297	7652818,136	B167	373791,099	7650206,032
A4331	379049,316	7573342,256	B42	373223,567	7657328,630	B105	373416,051	7652890,235	B168	373812,266	7650112,766
A4332	378790,553	7573548,631	B43	372888,868	7657296,218	B106	373175,280	7653033,772	B169	373707,755	7649998,995
A4333	378707,474	7573566,094	B44	372723,503	7657253,223	B107	372738,717	7652955,058	B170	373627,057	7649975,183
A4334	378668,315	7573669,811	B45	372546,893	7657251,239	B108	372784,357	7652772,495	B171	373521,885	7650028,099
A4335	378725,465	7573756,594	B46	372397,404	7657199,645	B109	372766,498	7652699,735	B172	373474,260	7649951,370
A4336	378855,641	7573774,057	B47	372295,965	7657064,068	B110	372910,035	7652617,714	B173	373388,932	7649937,479
A4337	379114,404	7573561,332	B48	372409,971	7656923,155	B111	372929,217	7652533,047	B174	373318,155	7649979,151
A4338	379289,558	7573557,098	B49	372539,617	7656927,785	B112	372881,592	7652453,672	B175	373217,709	7649977,747
A4339	379408,621	7573409,990	B50	372596,503	7656858,332	B113	372804,201	7652439,120	B176	373158,744	7649946,740
A4340	379589,596	7573331,144	B51	372593,196	7656771,681	B114	372678,524	7652501,297	B177	373019,176	7649917,636
A4341	379929,851	7573305,743	B52	372537,633	7656719,425	B115	372531,018	7652280,370	B178	372997,347	7649599,474
A4342	380135,697	7573257,060	B53	372403,357	7656704,873	B116	372443,044	7652273,755	B179	373078,045	7649562,432
A4343	380391,815	7573256,002	B54	372352,424	7656639,389	B117	372372,268	7652324,026	B180	373107,150	7649485,041
A4344	380528,994	7573181,322	B55	372265,112	7656639,389	B118	372364,992	7652415,969	B181	373050,264	7649346,134
A4345	380511,134	7573440,482	B56	372225,424	7656502,466	B119	372494,638	7652615,068	B182	372958,983	7649309,093
A4346	380405,565	7573475,010	B57	372683,816	7656298,075	B120	372016,403	7652759,266	B183	372713,581	7649385,161
A4347	380323,412	7573446,038	B58	372699,029	7656211,424	B121	371986,637	7652703,704	B184	372685,138	7649485,702

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
B185	372724,826	7649567,062	B248	370159,061	7643164,421	B311	371080,887	7640612,645	B374	369922,671	7638297,536
B186	372779,727	7649586,906	B249	370177,545	7643083,434	B312	371156,955	7640640,426	B375	369839,989	7638295,551
B187	372798,910	7649877,948	B250	370164,316	7643004,721	B313	371244,929	7640612,645	B376	369770,536	7638348,468
B188	372560,123	7649812,464	B251	370089,725	7642934,759	B314	371328,934	7640349,384	B377	369765,244	7638420,567
B189	372456,273	7649715,229	B252	370099,493	7642853,246	B315	371375,237	7640282,576	B378	369799,640	7638484,067
B190	372375,575	7649706,630	B253	370089,571	7642777,840	B316	371342,164	7640027,914	B379	369611,124	7638583,948
B191	372331,258	7649614,687	B254	370260,227	7642430,574	B317	371285,940	7639961,768	B380	369427,899	7638655,385
B192	372253,867	7649588,890	B255	370264,196	7642373,688	B318	371340,179	7639723,643	B381	369279,732	7638666,630
B193	372160,601	7649625,270	B256	370202,019	7642216,922	B319	371209,872	7639456,413	B382	369306,191	7638426,520
B194	372144,726	7649748,963	B257	370116,691	7642181,203	B320	371174,814	7639422,017	B383	369271,795	7638287,614
B195	372030,293	7649768,807	B258	370077,664	7641925,219	B321	371079,564	7639195,798	B384	369367,707	7638257,187
B196	372024,340	7649649,744	B259	370082,956	7641831,291	B322	370799,767	7638826,042	B385	369390,196	7638162,598
B197	371898,001	7649650,645	B260	370179,529	7641707,598	B323	370833,501	7638770,479	B386	369331,988	7637997,894
B198	371812,012	7649405,004	B261	370162,331	7641630,869	B324	370812,335	7638642,818	B387	369276,425	7637968,129
B199	371757,772	7648934,045	B262	370107,430	7641574,645	B325	370732,959	7638584,609	B388	369178,529	7637972,759
B200	371530,230	7648728,993	B263	370051,868	7641575,306	B326	370601,990	7638634,219	B389	369170,592	7637903,967
B201	371432,334	7648668,138	B264	369958,602	7641441,030	B327	370397,897	7638444,580	B390	369214,909	7637825,915
B202	371345,683	7648684,675	B265	369975,800	7641197,613	B328	370591,407	7638343,176	B391	369146,118	7637690,316
B203	371317,240	7648482,930	B266	369936,774	7641054,076	B329	370793,152	7638219,483	B392	368855,075	7637483,279
B204	371385,370	7648431,336	B267	369889,148	7640977,347	B330	371222,439	7637910,582	B393	368838,539	7637374,799
B205	371380,740	7648324,841	B268	369871,951	7640894,003	B331	371576,320	7637941,670	B394	368774,377	7637296,747
B206	371259,031	7648242,158	B269	369987,045	7640830,503	B332	371592,195	7638053,457	B395	368785,622	7636990,491
B207	371282,183	7648131,033	B270	370016,810	7640742,529	B333	371659,664	7638102,405	B396	368773,054	7636824,465
B208	371279,537	7647979,559	B271	369943,388	7640615,528	B334	371758,883	7638085,869	B397	368725,429	7636712,678
B209	371298,058	7647813,532	B272	369778,685	7640567,242	B335	371791,081	7638032,742	B398	368883,518	7636570,465
B210	371239,188	7647745,402	B273	369657,638	7640406,507	B336	371902,745	7638025,719	B399	368882,195	7636483,152
B211	371152,536	7647742,095	B274	369667,560	7640174,335	B337	371928,217	7638081,900	B400	368696,987	7636274,792
B212	371087,052	7647794,350	B275	369739,659	7639874,032	B338	371947,399	7638228,744	B401	368672,513	7636186,818
B213	371062,578	7647797,559	B276	369750,242	7639469,219	B339	372011,561	7638278,353	B402	368537,840	7636127,751
B214	371063,901	7648118,465	B277	369676,820	7639409,026	B340	372108,134	7638271,739	B403	368513,315	7635994,326
B215	370918,380	7648060,257	B278	369581,570	7639417,625	B341	372154,436	7638196,332	B404	368592,476	7635746,947
B216	370745,739	7648035,121	B279	369534,606	7639487,740	B342	372138,080	7637921,826	B405	368490,611	7635514,775
B217	370552,598	7647769,876	B280	369428,396	7639536,782	B343	372286,728	7637917,196	B406	368537,840	7635391,082
B218	370413,025	7647759,954	B281	369381,809	7639424,240	B344	372389,254	7637960,191	B407	368409,252	7635338,165
B219	370464,618	7647648,168	B282	369455,892	7639371,323	B345	372448,124	7638069,994	B408	368067,277	7635330,889
B220	370517,535	7647464,943	B283	369451,924	7639261,521	B346	372531,468	7638085,207	B409	367925,063	7635344,780
B221	370557,223	7647421,287	B284	369380,486	7639188,099	B347	372608,197	7638048,165	B410	367804,016	7635086,811
B222	370725,895	7647326,037	B285	369392,392	7638940,051	B348	372630,026	7637962,176	B411	367793,433	7634965,763
B223	370821,145	7647163,979	B286	369531,299	7638841,494	B349	372530,807	7637755,139	B412	367848,995	7634913,508
B224	370843,635	7647057,484	B287	369711,877	7638773,363	B350	372558,588	7637671,133	B413	367850,318	7634776,586
B225	370930,286	7646855,739	B288	370126,613	7638557,727	B351	372513,609	7637593,743	B414	367915,141	7634732,930
B226	370918,380	7646767,103	B289	370283,378	7638695,311	B352	372426,296	7637570,592	B415	367930,355	7634648,924
B227	370987,833	7646660,608	B290	370262,212	7638803,129	B353	372357,504	7637609,618	B416	367841,058	7634453,794
B228	370997,755	7646502,519	B291	370224,509	7638883,166	B354	372315,832	7637701,561	B417	367800,709	7634429,981
B229	370970,635	7646441,665	B292	370259,566	7638968,494	B355	372123,348	7637705,529	B418	367768,959	7634284,460
B230	370780,135	7646303,420	B293	370352,832	7638998,260	B356	372139,223	7637621,524	B419	367803,355	7634213,684
B231	370701,421	7646130,118	B294	370431,545	7638954,603	B357	372073,738	7637550,086	B420	367773,589	7634131,663
B232	370474,540	7645841,060	B295	370485,124	7638822,311	B358	371979,811	7637545,456	B421	367598,963	7634050,965
B233	370452,051	7645783,513	B296	370564,499	7638871,921	B359	371896,467	7637588,451	B422	367458,073	7633790,350
B234	370394,504	7645740,518	B297	370642,551	7638998,921	B360	371848,180	7637710,160	B423	367292,708	7633521,136
B235	370309,837	7645721,997	B298	370775,504	7639162,302	B361	371567,721	7637724,712	B424	367314,536	7633370,984
B236	370325,712	7645600,288	B299	370719,280	7639213,234	B362	371355,393	7637697,592	B425	367292,046	7633261,182
B237	370250,967	7645425,663	B300	370727,218	7639299,224	B363	371139,096	7637697,592	B426	367469,979	7633193,052
B238	370231,123	7645333,720	B301	370788,072	7639364,047	B364	370997,543	7637800,118	B427	367919,771	7633371,646
B239	370256,920	7645000,345	B302	370911,765	7639354,125	B365	370879,803	7637554,055	B428	368261,746	7633288,963
B240	370153,732	7644800,584	B303	371001,724	7639557,854	B366	370808,366	7637520,982	B429	368418,512	7633220,833
B241	370155,055	7644668,953	B304	371037,442	7639589,605	B367	370717,746	7637554,055	B430	368675,820	7633146,088
B242	370276,764	7644504,911	B305	371114,172	7639750,339	B368	370605,959	7637733,311	B431	368720,138	7633083,249
B243	370264,858	7644166,244	B306	371058,397	7639983,596	B369	370625,803	7637817,977	B432	368718,815	7632970,801
B244	370163,654	7643936,717	B307	371069,642	7640043,789	B370	370812,633	7637942,424	B433	368853,091	7632769,717
B245	370319,097	7643703,222	B308	371137,773	7640124,487	B371	370650,277	7638057,426	B434	369351,832	7632901,348
B246	370348,863	7643369,185	B309	371151,002	7640203,201	B372	370473,667	7638163,259	B435	369490,738	7632976,093
B247	370324,389	7643311,638	B310	371044,507	7640540,545	B373	370000,724	7638379,557	B436	369571,436	7633049,515

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
B437	369712,989	7633106,400	B500	367785,495	7630319,671	B563	374883,034	7633038,084	B626	374910,154	7639417,201
B438	369953,098	7633128,228	B501	367708,766	7630184,733	B564	374788,445	7633037,422	B627	375062,290	7640119,671
B439	370111,849	7632993,952	B502	367723,979	7630032,597	B565	374728,252	7633095,631	B628	375006,727	7640148,775
B440	370229,589	7632945,004	B503	367856,933	7629981,003	B566	374727,591	7633179,636	B629	374979,607	7640214,921
B441	370538,490	7632649,332	B504	367961,443	7629906,920	B567	374816,227	7633294,069	B630	375001,435	7640362,427
B442	370762,064	7632515,055	B505	368013,037	7629708,482	B568	374890,582	7633312,862	B631	374961,748	7640583,354
B443	370828,210	7632450,894	B506	368095,720	7629671,440	B569	374848,638	7633483,908	B632	374762,648	7640634,948
B444	370947,934	7632292,805	B507	368193,616	7629701,867	B570	374866,497	7633555,345	B633	374717,669	7640680,589
B445	371063,028	7632405,253	B508	368267,699	7629676,732	B571	374923,383	7633591,064	B634	374625,065	7640616,427
B446	371154,971	7632411,868	B509	368341,783	7629566,930	B572	374940,581	7633786,195	B635	374533,122	7640628,333
B447	371303,799	7632298,097	B510	368448,939	7629471,018	B573	374916,107	7633882,768	B636	374495,419	7640684,557
B448	371314,382	7632212,768	B511	368474,075	7629406,856	B574	374822,841	7633842,419	B637	374484,174	7640736,151
B449	371240,299	7632073,200	B512	368585,861	7629412,810	B575	374736,851	7633874,830	B638	374298,304	7640783,115
B450	371175,476	7632042,112	B513	368808,773	7629252,075	B576	374703,117	7633973,388	B639	374266,554	7640849,922
B451	370992,913	7632063,278	B514	368886,825	7629213,710	B577	374789,768	7634098,404	B640	374278,460	7640934,589
B452	370805,058	7632107,596	B515	369077,987	7629187,252	B578	374744,789	7634149,336	B641	374350,559	7640980,230
B453	370660,199	7632319,263	B516	369263,196	7629203,127	B579	374715,023	7634310,732	B642	374460,361	7640962,370
B454	370401,568	7632484,628	B517	369436,498	7629118,460	B580	374737,513	7634513,139	B643	374638,955	7641019,256
B455	370174,687	7632697,618	B518	369541,009	7629134,335	B581	374701,794	7634669,243	B644	374687,242	7641105,246
B456	370122,432	7632687,035	B519	369714,973	7629121,767	B582	374717,669	7634850,483	B645	374779,846	7641115,168
B457	370050,994	7632718,124	B520	369923,333	7629068,189	B583	374676,659	7634904,723	B646	375121,821	7641056,959
B458	370017,260	7632790,223	B521	370247,448	7629083,403	B584	374686,580	7634988,067	B647	375214,425	7641140,303
B459	369880,999	7632908,624	B522	370321,531	7629024,533	B585	374732,221	7635029,077	B648	375372,514	7641130,381
B460	369760,614	7632896,056	B523	370431,410	7628994,581	B586	374786,461	7635311,521	B649	375543,171	7641140,965
B461	369683,884	7632862,983	B524	370567,671	7628890,732	B587	374741,482	7635367,083	B650	375600,718	7641088,048
B462	369606,494	7632792,868	B525	370861,359	7628855,674	B588	374747,435	7635442,490	B651	375633,129	7640898,870
B463	369422,608	7632698,280	B526	370918,245	7628939,680	B589	374789,768	7635498,052	B652	375725,734	7640900,193
B464	368812,080	7632536,884	B527	371049,214	7629025,008	B590	374845,992	7635755,360	B653	375771,374	7640936,574
B465	368740,643	7632560,035	B528	371225,824	7629031,623	B591	374766,617	7635822,829	B654	375812,385	7641059,605
B466	368556,757	7632807,421	B529	371535,387	7629277,686	B592	374765,956	7635918,079	B655	375878,531	7641190,574
B467	368503,179	7632917,884	B530	371561,184	7629583,941	B593	374804,409	7636025,423	B656	375930,855	7641253,214
B468	368505,163	7632972,124	B531	371649,819	7629724,171	B594	374740,159	7636125,116	B657	375784,296	7641515,124
B469	368324,585	7632907,025	B532	371843,627	7629832,650	B595	374761,987	7636265,345	B658	375738,559	7641059,102
B470	368167,819	7633093,171	B533	371993,778	7630032,411	B596	374855,914	7636373,163	B659	375776,659	7641754,661
B471	367932,339	7633147,411	B534	372106,888	7630051,593	B597	374830,117	7636753,503	B660	375853,917	7641782,707
B472	367510,989	7632980,723	B535	372227,935	7630029,104	B598	374847,977	7636923,498	B661	375934,351	7641749,369
B473	367373,406	7632956,910	B536	372361,852	7630474,304	B599	374881,050	7637045,206	B662	375986,915	7641694,764
B474	367412,432	7632649,993	B537	372558,003	7630107,818	B600	374994,821	7637365,353	B663	376237,703	7641619,861
B475	367448,812	7632500,503	B538	372636,717	7630240,771	B601	374964,394	7637416,285	B664	376273,422	7641678,070
B476	367550,677	7632542,837	B539	372773,639	7630324,776	B602	374969,024	7637484,416	B665	376363,381	7641693,945
B477	367774,912	7632490,581	B540	372930,405	7630400,183	B603	375018,633	7637545,931	B666	376488,397	7641620,523
B478	367841,719	7632539,529	B541	373182,421	7630492,787	B604	375084,779	7638094,943	B667	376577,694	7641705,190
B479	367938,954	7632521,670	B542	373202,926	7630534,459	B605	374976,300	7638305,948	B668	376659,053	7641703,205
B480	367979,964	7632439,649	B543	373162,577	7630689,241	B606	374919,414	7638341,667	B669	376723,876	7641642,351
B481	367952,183	7632292,143	B544	373192,343	7630849,314	B607	374779,846	7638308,594	B670	376720,569	7641551,070
B482	367897,943	7632191,602	B545	373445,021	7631030,554	B608	374692,534	7638360,188	B671	376577,694	7641401,580
B483	368038,834	7632116,195	B546	373556,146	7631086,778	B609	374686,580	7638430,964	B672	376294,589	7641408,194
B484	368056,694	7632031,528	B547	373769,797	7631254,789	B610	374428,611	7638658,506	B673	376242,995	7641287,809
B485	368012,376	7631954,138	B548	373771,120	7631318,950	B611	374423,981	7638746,481	B674	376047,203	7641053,652
B486	367927,709	7631937,601	B549	373819,407	7631374,513	B612	374463,669	7638796,752	B675	376092,844	7640992,136
B487	367731,917	7632035,497	B550	373988,741	7631437,351	B613	374476,236	7639017,018	B676	376078,953	7640907,469
B488	367555,969	7631934,294	B551	374119,710	7631588,164	B614	374543,705	7639067,950	B677	375771,374	7640661,406
B489	367556,630	7631817,877	B552	374449,116	7631803,139	B615	374625,726	7639062,658	B678	375488,270	7640620,396
B490	367632,698	7631693,522	B553	374652,846	7632278,067	B616	374686,580	7638999,158	B679	375455,197	7640556,234
B491	367661,141	7631391,235	B554	374576,778	7632320,400	B617	374674,013	7638728,621	B680	375387,066	7640529,776
B492	367688,922	7631295,985	B555	374561,565	7632399,114	B618	374847,977	7638579,131	B681	375320,920	7640550,281
B493	367710,089	7631002,297	B556	374597,283	7632480,473	B619	374929,336	7638679,012	B682	375228,316	7640445,109
B494	367708,766	7630845,531	B557	374726,268	7632501,640	B620	374935,951	7638767,647	B683	375269,988	7640397,484
B495	367642,620	7630695,380	B558	374728,914	7632559,848	B621	374847,315	7638801,382	B684	375278,587	7640198,385
B496	367661,141	7630633,203	B559	374773,232	7632621,364	B622	374824,826	7638904,569	B685	375268,665	7639984,733
B497	367637,990	7630578,302	B560	374840,701	7632633,270	B623	374884,357	7638978,653	B686	375192,061	7639684,248
B498	367678,339	7630522,077	B561	374996,144	7632924,974	B624	374857,899	7639079,856	B687	375331,504	7639685,092
B499	367761,021	7630484,374	B562	374978,327	7633061,244	B625	374865,175	7639299,461	B688	375424,108	7639669,878

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
B689	375460,488	7639599,102	B752	375217,733	7633611,569	B815	372447,407	7629639,416	B878	377240,265	7623773,839
B690	375465,780	7639448,289	B753	375133,727	7633511,027	B816	372520,829	7629569,963	B879	377046,458	7623796,328
B691	375417,493	7639378,175	B754	375200,535	7633005,672	B817	372651,798	7629363,587	B880	376906,228	7623869,750
B692	375120,498	7639362,961	B755	375381,775	7632890,578	B818	372636,585	7629276,936	B881	376795,764	7623982,860
B693	375116,373	7639140,952	B756	375443,952	7632913,729	B819	372557,210	7629228,649	B882	376180,607	7624085,386
B694	375179,368	7639141,372	B757	375520,681	7632879,333	B820	372471,220	7629254,446	B883	375871,044	7624146,240
B695	375385,082	7639043,476	B758	375658,265	7632694,786	B821	372346,204	7629442,962	B884	375458,954	7624335,418
B696	375402,941	7638960,132	B759	375708,536	7632465,260	B822	372194,068	7629587,822	B885	375331,954	7624421,408
B697	375361,931	7638878,773	B760	375766,744	7632429,541	B823	372121,308	7629589,806	B886	375025,698	7624444,559
B698	375163,052	7638840,860	B761	375787,249	7632359,426	B824	371985,708	7629669,843	B887	374741,932	7624666,809
B699	375144,231	7638645,827	B762	375772,565	7632311,051	B825	371791,239	7629548,134	B888	374654,620	7624799,101
B700	375309,675	7638608,236	B763	376416,165	7631769,316	B826	371768,088	7629507,785	B889	374544,156	7624859,294
B701	375334,811	7638680,996	B764	376419,472	7631685,311	B827	371754,198	7629279,582	B890	374153,895	7625208,545
B702	375458,504	7638688,272	B765	376371,847	7631621,810	B828	371728,401	7629162,503	B891	374088,410	7625375,894
B703	375529,280	7638640,647	B766	376280,566	7631607,258	B829	371590,817	7629040,133	B892	373815,889	7625709,270
B704	375543,171	7638557,303	B767	375976,294	7631863,243	B830	371389,072	7628882,706	B893	373807,951	7625764,171
B705	375334,811	7638100,896	B768	375881,044	7631630,409	B831	371320,941	7628740,492	B894	373309,211	7626021,479
B706	375296,446	7638065,839	B769	375788,440	7631607,258	B832	371368,567	7628698,820	B895	373206,023	7625870,004
B707	375271,972	7637850,203	B770	375703,112	7631656,206	B833	371381,796	7628582,403	B896	373125,986	7625843,546
B708	375299,754	7637793,979	B771	375594,632	7631943,941	B834	371451,249	7628538,747	B897	373048,662	7625768,161
B709	375295,123	7637727,833	B772	375281,762	7631731,613	B835	371468,447	7628475,247	B898	373109,450	7625701,993
B710	375250,806	7637683,515	B773	375190,480	7631751,457	B836	371471,093	7628327,080	B899	373127,309	7625436,748
B711	375203,180	7637314,420	B774	375144,840	7631822,233	B837	371555,098	7628083,663	B900	373063,148	7625377,878
B712	375270,649	7637289,285	B775	375166,668	7631912,853	B838	371667,546	7627967,246	B901	372977,158	7625372,587
B713	375304,384	7637221,816	B776	375289,038	7632000,165	B839	371903,687	7627866,043	B902	372918,288	7625427,488
B714	375289,170	7637139,795	B777	375261,918	7632096,077	B840	372049,209	7627877,949	B903	372898,444	7625596,160
B715	375237,576	7637104,076	B778	375307,559	7632169,499	B841	372223,834	7627852,152	B904	372715,881	7625546,550
B716	375120,498	7637076,956	B779	375384,950	7632190,004	B842	372268,152	7627811,141	B905	372608,725	7625475,774
B717	375055,675	7636880,503	B780	375450,434	7632158,916	B843	372390,522	7627618,657	B906	372524,058	7625505,540
B718	375043,769	7636729,690	B781	375484,830	7632247,551	B844	372391,845	7627541,927	B907	372483,047	7625569,702
B719	375070,227	7636384,408	B782	375529,148	7632293,853	B845	372540,012	7627233,687	B908	372500,907	7625664,290
B720	375106,607	7636340,752	B783	375443,819	7632565,052	B846	372600,204	7627228,395	B909	372626,584	7625743,004
B721	375113,883	7636273,944	B784	375378,996	7632544,547	B847	372742,418	7627104,702	B910	372640,636	7625767,478
B722	375082,795	7636217,720	B785	375300,283	7632578,943	B848	372813,856	7627076,921	B911	372770,782	7625989,728
B723	375091,394	7636099,981	B786	375278,455	7632640,458	B849	373006,341	7626816,968	B912	372661,642	7626024,786
B724	375139,680	7636051,694	B787	375282,423	7632701,974	B850	373000,387	7626749,499	B913	372614,678	7626103,500
B725	375143,649	7635980,918	B788	375166,668	7632775,396	B851	372944,407	7626540,819	B914	372600,787	7626185,520
B726	375090,071	7635704,428	B789	375017,839	7632510,812	B852	373052,643	7626501,451	B915	372683,470	7626336,333
B727	375120,498	7635648,865	B790	374884,886	7632153,624	B853	373126,726	7626413,477	B916	372668,256	7626464,656
B728	375101,316	7635562,214	B791	374761,538	7631878,227	B854	373436,289	7626195,195	B917	372606,079	7626494,422
B729	375015,326	7635515,250	B792	374830,646	7631838,769	B855	374007,791	7625900,184	B918	372584,251	7626573,797
B730	375032,524	7635418,016	B793	374878,933	7631765,347	B856	374032,926	7625840,653	B919	372592,188	7626712,042
B731	375025,909	7635308,875	B794	374854,459	7631661,498	B857	374027,634	7625786,413	B920	372630,553	7626787,449
B732	374997,466	7635270,510	B795	374978,813	7631536,482	B858	374278,328	7625477,512	B921	372345,464	7627137,361
B733	374968,362	7635144,171	B796	374984,766	7631457,107	B859	374335,875	7625339,928	B922	372177,453	7627495,872
B734	375049,722	7635141,526	B797	374927,881	7631390,300	B860	374675,203	7625027,719	B923	372177,453	7627556,726
B735	375100,654	7635083,317	B798	374833,292	7631383,685	B861	374805,511	7624958,266	B924	372113,953	7627653,299
B736	375108,592	7635009,234	B799	374579,292	7631632,394	B862	374911,344	7624804,146	B925	372037,224	7627665,206
B737	375058,321	7634936,473	B800	374252,531	7631418,742	B863	375107,798	7624649,364	B926	371863,921	7627651,977
B738	374939,258	7634929,858	B801	374122,885	7631267,930	B864	375408,101	7624627,536	B927	371537,160	7627792,206
B739	374923,383	7634740,019	B802	374024,989	7631211,044	B865	375576,111	7624515,088	B928	371361,873	7627979,399
B740	374945,211	7634674,535	B803	373827,212	7631013,268	B866	375947,852	7624348,400	B929	371256,701	7628300,207
B741	374933,966	7634613,019	B804	373648,618	7630891,559	B867	376902,338	7624179,728	B930	371255,378	7628408,686
B742	374973,654	7634466,175	B805	373544,107	7630838,642	B868	377035,291	7624044,790	B931	370897,740	7628513,700
B743	375070,889	7634437,732	B806	373381,388	7630714,949	B869	377119,958	7623999,149	B932	370668,213	7628663,851
B744	375156,878	7634459,561	B807	373409,170	7630621,022	B870	377202,641	7623992,535	B933	370484,327	7628687,002
B745	375228,316	7634418,550	B808	373417,107	7630476,824	B871	377278,047	7624026,931	B934	370338,145	7628796,143
B746	375274,618	7634300,810	B809	373336,409	7630334,610	B872	377502,943	7624063,311	B935	370208,746	7628839,471
B747	375233,608	7634220,112	B810	373262,987	7630249,943	B873	377662,355	7624272,994	B936	370173,027	7628869,898
B748	375029,878	7634140,076	B811	373162,445	7630257,881	B874	377721,887	7624296,806	B937	369887,277	7628853,361
B749	375123,805	7633936,346	B812	372989,804	7630192,396	B875	377782,662	7624076,787	B938	369680,901	7628912,893
B750	375154,232	7633795,455	B813	372790,043	7630082,594	B876	377619,282	7623863,797	B939	369548,609	7628920,169
B751	375205,165	7633712,773	B814	372718,606	7629962,870	B877	377332,208	7623818,156	B940	369399,781	7628897,679

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
B941	369223,171	7628986,976	B1004	367551,663	7634308,419	B1067	368540,148	7638497,272	B1130	370015,908	7645357,314
B942	369067,728	7628973,747	B1005	367576,798	7634403,008	B1068	368339,064	7638447,663	B1131	370050,304	7645510,773
B943	368887,811	7628995,575	B1006	367603,521	7634713,062	B1069	368264,981	7638489,996	B1132	370105,867	7645636,450
B944	368805,129	7629016,742	B1007	367536,714	7634851,968	B1070	368247,121	7638547,543	B1133	370080,731	7645787,925
B945	368680,113	7629078,258	B1008	367561,849	7634945,895	B1071	368089,694	7638598,476	B1134	370111,159	7645858,039
B946	368522,685	7629197,320	B1009	367367,380	7635121,182	B1072	368058,605	7638678,512	B1135	370302,320	7645973,795
B947	368385,763	7629188,721	B1010	367127,931	7635283,240	B1073	368083,079	7638755,903	B1136	370409,477	7646108,733
B948	368321,602	7629220,471	B1011	367049,218	7635218,417	B1074	368167,746	7638796,252	B1137	370424,690	7646166,280
B949	368266,039	7629350,118	B1012	366962,567	7635227,016	B1075	368297,392	7638757,226	B1138	370515,972	7646241,025
B950	368141,685	7629460,581	B1013	366902,374	7635300,438	B1076	368352,293	7638949,049	B1139	370513,988	7646356,780
B951	368081,492	7629447,352	B1014	366919,572	7635385,105	B1077	368409,840	7638993,367	B1140	370612,545	7646488,410
B952	367860,564	7629542,602	B1015	367004,238	7635460,511	B1078	368494,507	7638990,060	B1141	370709,908	7646527,484
B953	367824,845	7629586,920	B1016	366899,066	7635474,282	B1079	368539,486	7638939,789	B1142	370748,734	7646634,757
B954	367798,259	7629682,761	B1017	366780,665	7635500,199	B1080	368782,242	7638914,653	B1143	370686,629	7646725,874
B955	367685,745	7629723,316	B1018	366707,905	7635507,475	B1081	369173,165	7638952,357	B1144	370700,519	7646846,922
B956	367644,267	7629647,113	B1019	366668,878	7635538,563	B1082	369170,519	7639049,591	B1145	370646,279	7646973,260
B957	367559,600	7629618,670	B1020	366508,805	7635553,115	B1083	369123,555	7639109,122	B1146	370575,503	7646996,411
B958	367473,610	7629667,618	B1021	366451,920	7635478,370	B1084	369124,217	7639181,222	B1147	370538,462	7647071,818
B959	367463,027	7629750,962	B1022	366363,284	7635467,126	B1085	369171,180	7639256,628	B1148	370556,161	7647137,353
B960	367519,251	7629864,072	B1023	366289,862	7635525,334	B1086	369163,243	7639579,420	B1149	370364,498	7647201,464
B961	367472,949	7629979,166	B1024	366234,961	7635707,897	B1087	369123,555	7639859,879	B1150	370284,461	7647139,948
B962	367469,642	7630083,015	B1025	366264,065	7635781,980	B1088	369507,202	7639928,010	B1151	370197,810	7647144,578
B963	367498,084	7630129,317	B1026	366348,732	7635817,699	B1089	369451,639	7640162,166	B1152	370136,294	7647224,615
B964	367493,454	7630224,567	B1027	366484,993	7635779,335	B1090	369438,410	7640475,037	B1153	370187,226	7647418,423
B965	367543,725	7630344,953	B1028	366515,420	7635899,720	B1091	369610,390	7640707,209	B1154	370295,044	7647464,725
B966	367443,845	7630481,875	B1029	366251,497	7635931,470	B1092	369688,442	7641059,767	B1155	370225,988	7647647,420
B967	367404,157	7630602,922	B1030	366095,393	7636024,736	B1093	369739,374	7641146,418	B1156	370117,509	7647570,691
B968	367400,188	7630702,803	B1031	366061,658	7636098,158	B1094	369761,202	7641231,746	B1157	369956,774	7647548,863
B969	367497,423	7630895,949	B1032	366094,731	7636178,195	B1095	369743,343	7641495,007	B1158	369608,185	7647474,118
B970	367482,871	7631190,960	B1033	366184,690	7636214,575	B1096	369786,999	7641696,091	B1159	369527,487	7647515,128
B971	367365,131	7631171,777	B1034	366325,581	7636137,184	B1097	369697,702	7641820,446	B1160	369507,643	7647603,102
B972	367292,370	7631220,725	B1035	366592,811	7636102,788	B1098	369674,551	7641908,420	B1161	369553,945	7647679,170
B973	367278,480	7631312,668	B1036	366793,233	7635977,111	B1099	369670,461	7642175,609	B1162	369936,269	7647763,176
B974	367341,318	7631391,382	B1037	367161,666	7635611,985	B1100	369904,739	7642232,535	B1163	370039,456	7647775,082
B975	367445,168	7631417,179	B1038	367299,250	7635421,485	B1101	369929,213	7642332,415	B1164	370108,248	7647830,644
B976	367424,001	7631624,877	B1039	367620,719	7635203,203	B1102	370040,338	7642386,655	B1165	370235,910	7647992,041
B977	367342,641	7631753,862	B1040	367729,860	7635457,865	B1103	369940,739	7642669,760	B1166	370317,931	7647995,348
B978	367342,641	7631896,737	B1041	367858,183	7635568,329	B1104	369839,916	7642688,281	B1167	370436,332	7647972,858
B979	367306,261	7631953,623	B1042	368096,308	7635545,178	B1105	369740,036	7642802,052	B1168	370555,395	7648138,223
B980	367318,829	7632065,409	B1043	368272,918	7635549,147	B1106	369749,958	7642910,531	B1169	370579,207	7648277,130
B981	367266,573	7632120,311	B1044	368363,538	7635758,829	B1107	369679,181	7642967,417	B1170	370568,624	7648332,031
B982	367279,141	7632249,957	B1045	368295,408	7635957,929	B1108	369677,197	7643051,422	B1171	370601,036	7648410,083
B983	367263,928	7632360,420	B1046	368266,304	7636086,252	B1109	369730,114	7643114,261	B1172	370687,687	7648533,115
B984	367199,105	7632616,405	B1047	368352,293	7636264,184	B1110	369806,182	7643126,828	B1173	370790,213	7648525,839
B985	367166,693	7632886,281	B1048	368467,387	7636349,513	B1111	369864,156	7643227,370	B1174	370958,343	7648445,802
B986	367005,958	7633200,474	B1049	368620,846	7636513,555	B1112	370080,687	7643382,813	B1175	370898,031	7648283,083
B987	366919,307	7633231,563	B1050	368526,257	7636595,576	B1113	370075,568	7643488,077	B1176	371018,417	7648363,119
B988	366817,442	7633108,531	B1051	368506,413	7636748,373	B1114	369949,718	7643472,772	B1177	371017,755	7648461,677
B989	366693,088	7632888,927	B1052	368565,283	7636889,264	B1115	369853,807	7643513,782	B1178	371070,672	7648566,849
B990	366606,437	7632879,666	B1053	368560,653	7637251,082	B1116	369832,640	7643596,465	B1179	371113,667	7648593,307
B991	366542,275	7632913,401	B1054	368518,320	7637315,905	B1117	369871,005	7643673,194	B1180	371135,459	7648826,803
B992	366513,832	7632998,729	B1055	368544,778	7637410,494	B1118	369838,593	7643849,804	B1181	371182,495	7648882,365
B993	366642,155	7633234,870	B1056	368634,737	7637461,426	B1119	369863,729	7643913,965	B1182	371306,640	7648907,202
B994	366668,588	7633395,526	B1057	368652,596	7637602,979	B1120	369951,703	7643990,033	B1183	371338,563	7649047,069
B995	366607,098	7633630,423	B1058	368952,237	7637819,276	B1121	370051,583	7644226,836	B1184	371323,350	7649144,303
B996	366671,260	7634006,794	B1059	368966,128	7638031,605	B1122	370062,166	7644431,888	B1185	371139,464	7649217,725
B997	366699,702	7634048,465	B1060	369019,706	7638143,391	B1123	369939,841	7644602,589	B1186	370949,625	7649260,720
B998	367061,521	7634273,362	B1061	369090,482	7638447,001	B1124	369940,502	7644755,386	B1187	370683,057	7649518,028
B999	367131,636	7634264,763	B1062	369057,409	7638708,278	B1125	369841,283	7644797,058	B1188	370321,900	7649773,351
B1000	367189,183	7634217,138	B1063	368768,351	7638703,648	B1126	369790,351	7644920,090	B1189	370042,102	7649627,169
B1001	367195,797	7634160,914	B1064	368612,088	7638714,918	B1127	369807,549	7644999,465	B1190	369811,914	7649421,455
B1002	367368,591	7634075,534	B1065	368628,122	7638624,273	B1128	369945,132	7645109,929	B1191	369731,878	7649420,793
B1003	367426,647	7634183,403	B1066	368606,294	7638538,283	B1129	370033,106	7645103,975	B1192	369620,091	7649507,445

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
B1193	369612,153	7649596,742	B1256	371503,399	7653124,306	B1319	369386,122	7652568,184	B1382	371126,078	7657788,344
B1194	369663,086	7649662,888	B1257	371441,222	7652950,342	B1320	369531,643	7652494,100	B1383	371117,479	7657701,031
B1195	369775,534	7649674,794	B1258	371371,107	7652923,884	B1321	369738,680	7652698,491	B1384	371169,734	7657601,812
B1196	369969,342	7649854,711	B1259	371291,732	7652941,743	B1322	369927,196	7652823,507	B1385	371226,620	7657564,109
B1197	370306,686	7650004,862	B1260	371245,430	7653024,426	B1323	369977,123	7653086,689	B1386	371359,573	7657538,312
B1198	370381,431	7649995,602	B1261	371341,341	7653307,530	B1324	369984,399	7653207,074	B1387	371417,782	7657556,833
B1199	370830,562	7649674,132	B1262	371409,472	7653348,541	B1325	370229,800	7653434,617	B1388	371495,173	7657528,390
B1200	371056,120	7649453,205	B1263	371795,764	7653308,192	B1326	370228,477	7653635,700	B1389	371724,699	7657402,052
B1201	371298,876	7649396,981	B1264	371782,535	7653415,348	B1327	370294,623	7653806,357	B1390	371852,361	7657272,406
B1202	371336,579	7649468,419	B1265	371725,649	7653455,036	B1328	370366,061	7653871,841	B1391	372150,018	7657224,780
B1203	371416,615	7649479,663	B1266	371708,451	7653529,119	B1329	370398,472	7653945,263	B1392	372208,888	7657306,801
B1204	371486,730	7649444,606	B1267	371734,248	7653589,974	B1330	370497,030	7653973,706	B1393	372180,445	7657457,614
B1205	371548,907	7649581,528	B1268	371711,097	7653695,807	B1331	370567,145	7654033,238	B1394	372117,606	7657636,870
B1206	371580,657	7649731,679	B1269	371728,579	7653811,820	B1332	370750,369	7654293,853	B1395	371970,101	7657615,042
B1207	371583,303	7649832,221	B1270	371630,603	7653871,688	B1333	370813,208	7654427,468	B1396	371894,694	7657654,729
B1208	371558,829	7649978,404	B1271	371558,961	7653802,302	B1334	370945,500	7654488,322	B1397	371865,590	7657734,766
B1209	371447,043	7650211,238	B1272	371470,326	7653801,641	B1335	371007,015	7654557,114	B1398	371899,324	7657814,802
B1210	371326,789	7650358,082	B1273	371408,149	7653863,818	B1336	371128,062	7654826,989	B1399	372041,538	7657873,011
B1211	371207,726	7650602,160	B1274	371411,456	7653953,776	B1337	371198,839	7654888,505	B1400	372128,851	7658153,470
B1212	371223,601	7650683,520	B1275	371546,394	7654086,068	B1338	371315,256	7654905,041	B1401	372121,575	7658218,293
B1213	371255,352	7650709,317	B1276	371657,519	7654099,959	B1339	371422,412	7654984,417	B1402	372161,924	7658360,507
B1214	371268,205	7650835,127	B1277	371634,368	7654252,756	B1340	371610,055	7655180,413	B1403	372120,913	7658464,356
B1215	371144,888	7650846,239	B1278	371713,082	7654475,668	B1341	371729,329	7655442,808	B1404	372075,273	7658503,382
B1216	371137,612	7650783,400	B1279	371719,035	7654546,444	B1342	371795,475	7655481,834	B1405	372062,705	7658551,669
B1217	371066,174	7650724,530	B1280	371776,582	7654705,856	B1343	371923,798	7655614,788	B1406	3721870,882	7658603,924
B1218	370977,538	7650746,359	B1281	371739,540	7654757,450	B1344	371946,949	7655817,194	B1407	371709,485	7658599,294
B1219	370785,054	7650914,369	B1282	371739,595	7654832,360	B1345	371923,137	7656068,549	B1408	371636,725	7658652,872
B1220	370689,804	7650752,973	B1283	371586,798	7654840,959	B1346	371950,257	7656237,221	B1409	371635,402	7658744,153
B1221	370525,100	7650528,077	B1284	371385,053	7654681,547	B1347	371570,579	7656416,477	B1410	371695,595	7658812,945
B1222	370534,360	7650444,072	B1285	371302,370	7654659,058	B1348	371364,204	7656221,346	B1411	371915,861	7658814,929
B1223	370473,506	7650373,957	B1286	371181,323	7654422,255	B1349	371258,370	7656253,758	B1412	372130,174	7658756,721
B1224	370384,209	7650376,603	B1287	371095,333	7654301,208	B1350	371220,667	7656326,518	B1413	372221,455	7659010,060
B1225	370281,021	7650441,426	B1288	370932,614	7654108,723	B1351	371202,479	7656404,570	B1414	372222,778	7659247,524
B1226	370265,146	7650532,707	B1289	370886,312	7654101,447	B1352	371373,464	7656524,295	B1415	372243,283	7659409,582
B1227	370420,589	7650750,989	B1290	370802,307	7653948,650	B1353	371327,823	7656586,472	B1416	372193,674	7659453,899
B1228	370393,470	7650820,442	B1291	370641,572	7653805,113	B1354	371352,297	7656677,092	B1417	372190,367	7659530,629
B1229	370416,621	7650887,911	B1292	370633,635	7653729,707	B1355	371417,120	7656713,472	B1418	372119,333	7659751,494
B1230	370482,105	7650929,583	B1293	370576,088	7653674,806	B1356	371494,511	7656704,212	B1419	372201,611	7659955,947
B1231	370540,975	7650921,645	B1294	370478,192	7653675,467	B1357	371601,668	7656639,389	B1420	372271,065	7659986,374
B1232	370615,720	7651053,276	B1295	370442,473	7653586,832	B1358	371950,918	7656472,701	B1421	372955,014	7660090,224
B1233	370587,939	7651116,115	B1296	370443,796	7653412,206	B1359	372050,137	7656669,154	B1422	372977,504	7660202,672
B1234	370611,090	7651192,844	B1297	370419,322	7653314,310	B1360	372033,601	7656728,686	B1423	373042,327	7660249,635
B1235	370688,481	7651233,193	B1298	370199,717	7653113,227	B1361	372031,616	7656879,498	B1424	373109,796	7660252,943
B1236	370769,840	7651208,719	B1299	370122,326	7652689,231	B1362	372059,398	7656921,832	B1425	373221,582	7660362,745
B1237	371004,658	7651010,942	B1300	369867,003	7652523,205	B1363	372036,247	7657019,066	B1426	373328,739	7660433,521
B1238	371099,247	7651106,854	B1301	369614,987	7652266,558	B1364	371745,866	7657071,983	B1427	373457,723	7660619,391
B1239	371335,388	7651155,141	B1302	369403,320	7651949,058	B1365	371666,491	7657069,999	B1428	373549,005	7660631,959
B1240	371491,493	7651348,948	B1303	369470,788	7651835,948	B1366	371601,006	7657125,561	B1429	373725,614	7660529,433
B1241	371641,644	7651501,084	B1304	369460,867	7651762,526	B1367	371599,022	7657210,890	B1430	373924,052	7660850,241
B1242	371575,498	7651661,157	B1305	369308,069	7651588,562	B1368	371493,188	7657282,989	B1431	374002,105	7660867,439
B1243	371569,545	7651917,804	B1306	369063,991	7651451,640	B1369	371378,756	7657300,187	B1432	374085,449	7660825,105
B1244	371626,430	7652079,200	B1307	368965,433	7651472,145	B1370	371319,886	7657327,968	C1	384734,738	7686627,501
B1245	371543,748	7652400,669	B1308	368925,746	7651554,828	B1371	371143,937	7657363,026	C2	384718,863	7686485,155
B1246	371435,930	7652307,403	B1309	368953,527	7651642,140	B1372	371005,031	7657454,968	C3	384918,227	7686582,786
B1247	371369,123	7652179,742	B1310	369129,475	7651734,083	B1373	370923,671	7657606,443	C4	384992,972	7686552,888
B1248	371291,732	7652146,669	B1311	369064,652	7651839,917	B1374	370848,265	7657708,307	C5	385032,130	7686477,217
B1249	371207,726	7652183,710	B1312	369077,881	7651915,985	B1375	370610,801	7657738,735	C6	385022,076	7686402,604
B1250	371179,284	7652272,346	B1313	369265,736	7652130,959	B1376	370563,176	7657809,511	C7	384761,461	7686264,624
B1251	371271,227	7652451,602	B1314	369260,444	7652210,334	B1377	370580,374	7657903,438	C8	384793,211	7686172,681
B1252	371470,326	7652618,289	B1315	369361,648	7652325,428	B1378	370657,103	7657946,433	C9	384818,347	7685691,138
B1253	371817,592	7652849,139	B1316	369257,798	7652400,173	B1379	370872,078	7657928,574	C10	384792,550	7685484,763
B1254	371842,728	7652937,113	B1317	369246,554	7652481,533	B1380	370940,869	7657951,063	C11	384743,602	7685400,096
B1255	371826,853	7653090,572	B1318	369291,533	7652554,955	B1381	371026,198	7657912,037	C12	384754,185	7685219,518

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C13	384701,268	7685040,923	C76	387521,732	7679809,439	C139	387959,347	7672492,226	C202	390028,374	7663539,250
C14	384756,831	7684782,293	C77	387650,717	7679629,522	C140	387903,785	7672404,913	C203	389963,551	7663774,730
C15	384786,596	7684433,042	C78	387512,472	7679330,542	C141	387883,676	7671940,304	C204	389981,410	7663840,214
C16	384746,247	7684217,406	C79	387541,576	7679094,401	C142	388004,327	7671728,636	C205	390064,754	7663884,532
C17	384818,347	7684147,953	C80	387552,821	7678854,953	C143	388154,081	7671567,770	C206	390159,343	7663851,459
C18	384981,066	7684101,651	C81	387546,868	7678486,520	C144	388094,285	7671155,548	C207	390251,947	7663624,578
C19	385442,103	7684142,661	C82	387586,555	7678223,920	C145	388207,527	7670910,014	C208	390238,718	7663466,489
C20	385543,968	7684026,244	C83	387547,529	7678028,128	C146	388305,423	7670567,113	C209	390169,926	7663365,286
C21	385489,728	7683655,827	C84	387463,524	7677912,373	C147	388276,848	7670234,796	C210	390188,599	7663108,629
C22	385591,593	7683545,363	C85	387417,222	7677770,159	C148	388474,757	7670171,825	C211	390121,130	7662976,999
C23	385562,489	7683343,618	C86	387441,034	7677654,404	C149	388534,023	7670062,816	C212	390037,918	7662767,713
C24	385744,390	7683222,571	C87	387448,972	7677226,439	C150	388521,323	7669979,737	C213	390072,843	7662461,325
C25	385851,547	7683057,206	C88	387486,675	7677084,887	C151	388399,615	7669885,016	C214	390075,489	7662318,449
C26	385852,208	7682979,154	C89	387481,383	7676695,287	C152	388261,502	7669651,124	C215	390103,006	7662211,558
C27	385667,661	7682692,080	C90	387511,810	7676449,224	C153	388226,577	7669464,857	C216	390089,247	7662143,295
C28	385576,379	7682624,611	C91	387609,706	7676244,833	C154	388049,835	7669128,306	C217	390079,987	7661721,284
C29	385539,338	7682561,773	C92	387542,899	7675676,639	C155	388070,472	7668934,102	C218	390004,580	7661403,122
C30	385556,536	7682410,298	C93	387644,096	7675534,940	C156	388031,314	7668737,781	C219	390024,635	7661356,839
C31	385471,869	7682203,923	C94	387696,483	7675411,115	C157	387982,631	7668572,151	C220	390015,825	7661151,767
C32	385392,494	7682135,131	C95	388071,663	7675572,511	C158	388062,535	7668371,067	C221	389932,481	7660793,256
C33	385408,369	7681995,563	C96	388036,209	7675841,328	C159	388051,422	7668285,871	C222	389960,924	7660721,818
C34	385314,441	7681812,339	C97	388094,417	7676008,545	C160	387876,268	7668149,346	C223	389949,018	7660656,995
C35	385464,593	7681654,912	C98	388181,201	7676132,899	C161	387881,030	7667991,125	C224	389900,731	7660613,339
C36	385447,395	7681563,630	C99	388212,951	7676336,100	C162	387846,635	7667815,441	C225	389865,012	7660462,526
C37	385573,072	7681361,223	C100	388081,188	7676354,621	C163	387966,226	7667591,603	C226	389861,705	7660297,823
C38	385709,333	7681357,916	C101	388079,601	7676511,254	C164	388017,556	7667430,736	C227	389898,747	7660250,197
C39	385872,713	7681273,911	C102	388170,088	7676556,763	C165	387983,689	7667317,494	C228	389902,716	7660174,791
C40	385986,484	7681281,187	C103	388106,059	7676653,601	C166	387991,626	7666434,843	C229	389865,674	7660120,551
C41	386250,407	7681209,749	C104	388143,630	7676753,084	C167	388033,960	7666319,484	C230	389896,763	7659869,858
C42	386735,257	7681329,473	C105	388242,584	7676819,230	C168	388025,493	7666163,909	C231	389868,981	7659745,504
C43	386911,205	7681450,520	C106	388336,776	7676778,484	C169	387806,418	7665645,324	C232	389775,194	7659521,923
C44	387024,314	7681498,807	C107	388407,685	7676567,346	C170	387730,218	7665529,966	C233	389774,392	7659430,649
C45	387067,712	7681368,913	C108	388449,489	7676347,212	C171	387711,168	7665368,570	C234	389748,596	7659309,602
C46	387119,498	7681889,671	C109	388561,143	7676338,746	C172	387873,622	7665079,644	C235	389659,299	7659136,961
C47	387178,235	7681926,713	C110	388709,310	7676454,633	C173	387914,368	7664893,906	C236	389727,450	7659083,274
C48	387368,206	7681945,234	C111	388785,510	7676455,163	C174	388240,468	7664421,139	C237	389724,722	7658874,583
C49	387535,423	7681846,809	C112	388944,790	7676345,096	C175	387711,111	7664040,535	C238	390100,492	7658865,762
C50	387741,799	7681663,188	C113	389099,836	7676201,691	C176	387672,141	7663451,174	C239	390265,196	7658748,684
C51	387863,507	7681626,675	C114	389095,603	7676121,258	C177	387651,504	7663357,512	C240	390255,274	7658647,481
C52	388072,529	7681678,004	C115	389043,215	7676061,462	C178	387755,044	7663094,251	C241	390160,685	7658511,881
C53	388340,288	7681843,105	C116	388961,723	7676048,762	C179	387736,448	7663065,808	C242	390077,341	7658511,220
C54	388529,200	7682082,818	C117	388810,381	7676173,645	C180	387876,532	7662995,958	C243	390001,935	7658554,215
C55	389017,093	7682357,456	C118	388620,939	7676112,791	C181	387854,528	7662919,096	C244	389995,981	7658647,481
C56	389014,976	7682494,510	C119	388408,743	7676123,904	C182	387974,781	7662749,498	C245	389875,596	7658659,387
C57	389108,110	7682555,894	C120	388443,668	7676000,608	C183	388364,249	7662771,723	C246	389604,662	7658644,438
C58	389208,652	7682515,677	C121	388428,322	7675915,941	C184	388503,199	7662631,849	C247	389591,433	7658369,932
C59	389282,206	7682253,739	C122	388261,105	7675782,590	C185	388649,666	7662556,090	C248	389490,891	7658213,166
C60	389230,348	7682178,597	C123	388302,380	7675488,902	C186	388714,866	7662600,099	C249	389475,677	7658082,197
C61	389121,339	7682168,014	C124	388266,926	7675415,877	C187	388820,700	7662559,882	C250	389405,563	7658029,280
C62	388680,013	7681907,663	C125	387793,091	7675213,881	C188	388900,604	7662461,722	C251	389375,797	7657906,910
C63	388486,338	7681679,063	C126	387957,231	7674838,555	C189	389077,875	7662521,914	C252	389503,459	7657631,743
C64	388164,075	7681482,212	C127	388055,656	7674766,588	C190	389398,816	7662565,835	C253	389523,964	7657488,206
C65	387864,037	7681407,071	C128	388083,702	7674694,622	C191	388943,266	7662703,419	C254	389429,375	7657192,534
C66	387620,090	7681474,275	C129	388028,139	7674544,338	C192	389548,041	7662740,461	C255	389393,656	7656881,648
C67	387394,665	7681687,529	C130	387932,889	7674400,404	C193	389695,903	7662657,851	C256	389183,016	7656556,965
C68	387282,084	7681712,400	C131	387954,056	7674310,446	C194	389808,413	7662779,246	C257	389183,974	7656469,559
C69	387240,612	7681484,916	C132	388087,406	7674176,566	C195	389802,968	7662924,743	C258	389139,656	7656192,288
C70	387300,805	7681433,984	C133	388107,514	7674109,891	C196	389719,624	7662957,816	C259	389144,947	7656345,866
C71	387428,466	7680978,900	C134	388038,193	7673840,016	C197	389693,827	7663050,421	C260	389265,995	7656242,678
C72	387454,263	7680766,571	C135	388114,393	7673532,569	C198	389744,098	7663132,442	C261	389287,161	7656075,990
C73	387521,732	7680488,097	C136	388005,385	7673309,260	C199	389966,348	7663160,223	C262	389258,719	7655968,172
C74	387593,831	7680326,701	C137	388009,089	7673078,543	C200	389950,983	7663366,609	C263	389135,294	7655823,259
C75	387599,784	7679975,465	C138	387997,447	7672702,305	C201	389974,795	7663474,427	C264	389084,755	7655569,312

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
 La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C265	388988,843	7655159,207	C328	385404,084	7650573,506	C391	384597,580	7644801,261	C454	383999,009	7637643,571
C266	388975,173	7655043,452	C329	385491,926	7650559,747	C392	384561,861	7644695,692	C455	384091,613	7637531,123
C267	389066,234	7655032,868	C330	385540,610	7650488,839	C393	384442,005	7644678,229	C456	384167,020	7637297,628
C268	389119,151	7654951,509	C331	385530,026	7650402,584	C394	384359,454	7644767,923	C457	384254,994	7637126,971
C269	389085,416	7654849,644	C332	385298,251	7650251,243	C395	384111,804	7644593,298	C458	384261,608	7636800,871
C270	388916,964	7654799,373	C333	385428,955	7650121,067	C396	384017,591	7644454,978	C459	384377,364	7636795,580
C271	388932,178	7654555,956	C334	385417,843	7650032,696	C397	383883,997	7644329,772	C460	384426,312	7636712,897
C272	388850,157	7654421,018	C335	385489,280	7649878,179	C398	383902,254	7644171,022	C461	384393,239	7636553,485
C273	388920,933	7654219,934	C336	385457,001	7649791,396	C399	384072,910	7643605,871	C462	384298,650	7636512,475
C274	388881,907	7654138,575	C337	385296,836	7649736,940	C400	384229,279	7643656,671	C463	384288,067	7636312,714
C275	388789,891	7654107,402	C338	385270,734	7649627,883	C401	384314,211	7643619,365	C464	384244,410	7636236,646
C276	388606,078	7654236,471	C339	385341,113	7649392,403	C402	384339,611	7643536,021	C465	384273,515	7635885,543
C277	388593,511	7654233,549	C340	385267,030	7649099,774	C403	384309,448	7643465,377	C466	384254,465	7635656,943
C278	388234,338	7654327,752	C341	385381,592	7648939,333	C404	384108,629	7643385,208	C467	384302,090	7635538,674
C279	388081,541	7654295,341	C342	385391,914	7648859,002	C405	384073,704	7643264,558	C468	384231,049	7635461,706
C280	387772,110	7654297,259	C343	385345,876	7648656,331	C406	384230,073	7643235,983	C469	384216,364	7635237,842
C281	387491,916	7654233,759	C344	385274,438	7648580,660	C407	384271,348	7643146,289	C470	384137,783	7634984,635
C282	387260,934	7654086,121	C345	385283,434	7648435,139	C408	384308,654	7642812,119	C471	384211,602	7634910,817
C283	386975,183	7654014,683	C346	385375,509	7648106,526	C409	384239,598	7642746,238	C472	384207,633	7634821,123
C284	386674,352	7653768,620	C347	385399,851	7647810,721	C410	384271,348	7642643,844	C473	384140,164	7634729,841
C285	386668,628	7653670,929	C348	386209,292	7648066,809	C411	384272,142	7642558,119	C474	384137,783	7634569,097
C286	386521,158	7653515,414	C349	386303,140	7648017,626	C412	384192,767	7642511,287	C475	384430,677	7634219,459
C287	386425,114	7653483,664	C350	386311,607	7647919,730	C413	384111,010	7642427,944	C476	384686,265	7634227,396
C288	386348,708	7653530,344	C351	386837,071	7647815,483	C414	384025,397	7642166,600	C477	384769,609	7634536,960
C289	386097,294	7653484,457	C352	387265,167	7647813,367	C415	384009,125	7641993,562	C478	384892,641	7634569,503
C290	385682,956	7653434,451	C353	387329,726	7647749,867	C416	384007,822	7641841,361	C479	384968,047	7634476,634
C291	385391,649	7653324,913	C354	387331,313	7647666,787	C417	384106,248	7641864,380	C480	384935,503	7634323,440
C292	385364,600	7653174,926	C355	387281,572	7647601,700	C418	384176,098	7641820,724	C481	385021,944	7634141,210
C293	385241,166	7652904,976	C356	386795,987	7647600,623	C419	384092,767	7641744,523	C482	385012,948	7634058,660
C294	385358,642	7652822,426	C357	386205,774	7647720,762	C420	384174,510	7641669,117	C483	384948,389	7634008,918
C295	385421,812	7652551,005	C358	386041,202	7647663,612	C421	384043,674	7641629,341	C484	384518,638	7634007,027
C296	385421,018	7652483,537	C359	386093,590	7647351,403	C422	384065,502	7641520,200	C485	384476,569	7633867,326
C297	385354,438	7652431,149	C360	386047,023	7647270,970	C423	384102,014	7641467,813	C486	384400,369	7633710,957
C298	385382,918	7652297,005	C361	385958,123	7647258,799	C424	384103,602	7641386,850	C487	384394,813	7633497,835
C299	385178,924	7651915,210	C362	385890,390	7647299,016	C425	384074,233	7641337,241	C488	384503,954	7633524,823
C300	385375,774	7651850,917	C363	385811,014	7647711,237	C426	384060,739	7641128,087	C489	384583,329	7633464,101
C301	385241,166	7651880,285	C364	385518,914	7647596,937	C427	384068,280	7641064,984	C490	384595,632	7633250,978
C302	385498,012	7651962,042	C365	385421,547	7647514,916	C428	384139,718	7640787,171	C491	384560,707	7633175,175
C303	385603,581	7651998,554	C366	385473,061	7647222,921	C429	384140,908	7640524,836	C492	384476,173	7633151,363
C304	385691,687	7651927,910	C367	385473,458	7647086,793	C430	384125,827	7640352,592	C493	384385,685	7633041,825
C305	385684,543	7651781,066	C368	385573,074	7646926,058	C431	384054,571	7640298,009	C494	384425,373	7632931,890
C306	385659,937	7651716,773	C369	385635,384	7646707,380	C432	383957,337	7639774,794	C495	384426,166	7632812,827
C307	385523,412	7651664,385	C370	385615,493	7646639,848	C433	384006,946	7639739,075	C496	384389,257	7632652,093
C308	385618,662	7651419,909	C371	385834,357	7646670,743	C434	384036,051	7639668,960	C497	384211,287	7632437,741
C309	385825,037	7651341,328	C372	385903,414	7646617,562	C435	384001,655	7639586,939	C498	384187,955	7632301,155
C310	385851,231	7651260,365	C373	385915,320	7646546,918	C436	384043,327	7639473,830	C499	384064,659	7632018,580
C311	385825,037	7651187,340	C374	385888,729	7646481,037	C437	384150,483	7639430,835	C500	384101,171	7631954,550
C312	385757,568	7651146,065	C375	385828,801	7646451,668	C438	384192,155	7639388,502	C501	384107,521	7631834,959
C313	385555,162	7651209,565	C376	385759,348	7646307,602	C439	384190,171	7639305,158	C502	384083,850	7631776,563
C314	385452,768	7651223,059	C377	385787,129	7646248,070	C440	384119,394	7639233,059	C503	383959,883	7631682,558
C315	385392,443	7651288,147	C378	385761,220	7646149,845	C441	383963,290	7639264,147	C504	383915,433	7631244,937
C316	385401,174	7651377,047	C379	385537,382	7646097,457	C442	383903,097	7639181,465	C505	383959,354	7631105,236
C317	385299,574	7651644,541	C380	385458,007	7645793,450	C443	383894,498	7639009,485	C506	383917,021	7631072,010
C318	385156,752	7651632,620	C381	385359,581	7645689,469	C444	383921,618	7638965,167	C507	383944,538	7630553,844
C319	385177,336	7651542,147	C382	385399,269	7645532,306	C445	383924,264	7638899,021	C508	384316,543	7630163,318
C320	385116,746	7651477,324	C383	385364,344	7645262,430	C446	383882,036	7638839,555	C509	384348,275	7630107,172
C321	385113,042	7651341,857	C384	385308,781	7645063,199	C447	383872,670	7638759,453	C510	384327,373	7629812,955
C322	385170,192	7651089,444	C385	385265,125	7645003,667	C448	384000,332	7638372,499	C511	384396,976	7629560,596
C323	385160,667	7650830,681	C386	385187,337	7644974,299	C449	384073,092	7638358,609	C512	384531,914	7629502,916
C324	385174,955	7650680,927	C387	385098,437	7645031,449	C450	384216,629	7638160,832	C513	384575,835	7629432,537
C325	385139,501	7650574,564	C388	385084,943	7645150,511	C451	384206,707	7638074,181	C514	384550,964	7629338,874
C326	385075,471	7650504,714	C389	384940,889	7645295,687	C452	384124,025	7638009,358	C515	384466,826	7629301,833
C327	385132,621	7650412,639	C390	384542,811	7644894,130	C453	384088,967	7637740,144	C516	384385,334	7629329,349

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C517	384337,886	7629214,331	C580	389952,735	7628259,991	C643	391634,473	7633281,549	C706	390655,183	7637404,747
C518	384375,280	7629180,653	C581	390296,141	7628488,083	C644	391555,063	7633234,804	C707	390664,757	7637770,258
C519	384405,972	7629062,649	C582	390432,152	7628555,244	C645	391467,768	7633259,021	C708	390641,103	7638041,717
C520	384325,286	7628890,528	C583	390639,263	7628595,190	C646	391421,586	7633330,546	C709	390653,493	7638359,357
C521	384407,215	7628798,367	C584	390930,999	7628566,648	C647	391583,785	7633974,837	C710	390700,238	7638486,075
C522	384468,069	7628833,821	C585	391110,517	7628488,928	C648	391513,386	7633999,055	C711	390699,112	7638646,585
C523	384553,794	7628816,887	C586	391181,056	7628556,089	C649	391464,389	7634060,443	C712	390726,145	7638701,214
C524	384696,140	7628839,642	C587	391481,801	7628734,339	C650	391480,721	7634146,611	C713	390917,630	7638821,174
C525	384828,961	7628901,025	C588	391545,160	7628745,743	C651	391541,546	7634202,367	C714	391066,876	7639089,816
C526	384919,449	7628997,863	C589	391946,856	7628611,845	C652	391653,433	7634192,605	C715	391112,494	7639262,716
C527	384990,653	7629205,323	C590	392072,730	7628636,766	C653	391840,291	7634617,288	C716	391109,678	7639380,423
C528	385072,674	7629239,057	C591	392311,804	7628657,463	C654	391901,538	7634835,243	C717	391177,825	7639484,051
C529	385151,388	7629209,953	C592	392315,606	7628728,003	C655	391929,416	7635037,992	C718	391481,385	7639625,412
C530	385188,429	7629137,854	C593	392353,199	7628789,672	C656	392021,920	7635238,207	C719	391554,600	7639691,868
C531	385106,113	7628881,446	C594	392413,601	7628812,482	C657	392234,806	7635467,989	C720	391724,121	7639800,564
C532	384953,316	7628721,373	C595	392411,489	7629097,597	C658	392288,028	7635532,616	C721	391719,052	7639874,342
C533	384886,508	7628690,946	C596	392313,916	7629363,706	C659	392638,615	7635848,144	C722	391758,475	7639931,225
C534	384866,664	7628603,633	C597	392302,089	7629446,072	C660	392524,146	7635955,009	C723	391998,592	7640050,062
C535	384815,763	7628579,009	C598	392367,138	7629519,569	C661	392357,301	7636051,738	C724	392148,767	7640067,517
C536	384743,796	7628574,776	C599	392440,635	7629518,302	C662	392345,896	7636147,621	C725	392192,696	7640141,295
C537	384685,588	7628620,284	C600	392470,202	7629849,036	C663	392394,471	7636214,359	C726	392522,807	7640156,501
C538	384321,520	7628566,309	C601	392528,492	7629977,444	C664	392472,614	7636234,634	C727	392365,596	7640102,998
C539	384301,941	7628432,429	C602	392553,836	7630186,106	C665	392710,422	7636099,890	C728	392379,113	7639880,538
C540	384235,795	7628389,567	C603	392588,050	7630238,061	C666	392805,789	7636230,645	C729	392466,407	7639874,906
C541	384177,587	7628391,154	C604	392723,638	7630305,644	C667	392985,259	7636411,617	C730	392522,647	7639794,440
C542	383941,968	7628225,913	C605	392893,441	7630326,763	C668	393091,139	7636560,300	C731	392501,325	7639622,596
C543	383857,983	7628195,865	C606	392927,232	7630397,725	C669	392878,628	7637052,905	C732	392870,028	7639509,957
C544	383500,445	7627757,610	C607	393098,724	7630505,013	C670	392813,298	7637553,019	C733	393271,771	7639352,264
C545	383578,070	7627686,311	C608	393244,027	7630905,865	C671	392912,420	7637878,168	C734	393376,900	7638852,900
C546	383728,337	7627754,010	C609	393256,699	7631005,550	C672	393151,213	7638840,100	C735	393124,591	7637819,631
C547	383795,144	7627754,671	C610	393491,128	7631577,471	C673	393091,890	7639066,127	C736	393048,336	7637551,425
C548	383855,998	7627794,359	C611	393529,143	7631805,986	C674	393073,868	7639196,037	C737	393087,795	7637125,028
C549	383971,754	7627778,484	C612	393516,049	7631868,923	C675	392985,551	7639295,158	C738	393372,915	7636631,040
C550	384290,577	7627798,989	C613	393613,200	7632190,787	C676	392381,999	7639430,688	C739	393427,793	7636653,054
C551	384449,989	7627852,567	C614	393691,765	7632333,134	C677	392031,306	7639514,639	C740	393469,469	7636594,482
C552	384524,072	7627898,208	C615	393691,342	7632517,297	C678	391845,770	7639615,274	C741	393477,127	7636314,314
C553	384592,203	7627892,917	C616	393725,134	7632724,693	C679	391701,030	7639525,164	C742	393372,726	7636316,828
C554	384694,068	7627837,354	C617	393913,522	7633218,049	C680	391609,793	7639445,754	C743	393712,205	7636288,669
C555	384951,375	7627984,859	C618	393920,702	7633375,202	C681	391329,886	7639315,656	C744	393743,181	7636205,880
C556	385164,365	7628037,776	C619	394069,306	7633909,650	C682	391332,139	7639248,636	C745	393948,745	7636005,947
C557	385391,246	7628043,729	C620	394048,265	7634006,235	C683	391275,820	7639016,601	C746	394082,785	7636106,758
C558	385478,559	7628314,928	C621	394151,257	7634500,761	C684	391082,645	7638666,296	C747	394177,401	7636112,953
C559	385600,267	7628342,709	C622	394330,424	7634845,532	C685	390931,710	7638570,554	C748	394229,215	7636072,966
C560	385727,929	7628224,969	C623	394215,111	7635150,500	C686	390915,941	7638444,399	C749	394256,811	7635991,304
C561	385811,934	7628119,136	C624	394249,325	7635455,891	C687	390872,575	7638327,255	C750	394219,641	7635929,353
C562	386022,279	7628160,808	C625	394201,688	7635463,916	C688	390859,058	7638072,129	C751	394241,042	7635817,841
C563	386160,524	7628234,891	C626	393605,643	7636032,740	C689	390881,586	7637800,107	C752	394205,561	7635759,269
C564	386313,321	7628346,678	C627	393431,617	7636022,602	C690	390875,954	7637428,401	C753	394291,729	7635678,169
C565	386745,915	7628281,193	C628	393131,999	7635843,508	C691	390906,366	7637408,689	C754	394360,439	7635683,238
C566	387110,380	7628111,860	C629	392894,715	7635768,221	C692	390923,262	7637332,658	C755	394434,217	7635643,814
C567	387341,891	7628350,647	C630	392456,732	7635391,828	C693	390891,160	7637257,754	C756	394472,514	7635533,992
C568	387445,910	7628384,517	C631	392405,482	7635327,624	C694	390636,034	7637164,264	C757	394467,445	7635402,205
C569	387546,780	7628334,332	C632	392207,802	7635119,243	C695	390302,062	7636966,021	C758	394438,662	7635181,404
C570	388053,653	7628237,181	C633	392145,287	7634988,019	C696	389953,446	7636943,493	C759	394567,069	7634835,229
C571	388164,742	7628101,593	C634	392119,381	7634805,545	C697	389783,362	7637043,178	C760	394369,577	7634440,995
C572	388497,589	7628150,168	C635	392051,234	7634559,430	C698	389712,963	7637179,470	C761	394271,206	7634014,471
C573	388571,085	7628126,514	C636	391825,958	7634041,294	C699	389745,628	7637259,443	C762	394311,443	7633870,153
C574	388976,161	7627804,650	C637	391748,237	7633742,239	C700	389813,774	7637299,430	C763	394146,547	7633337,680
C575	389362,339	7627946,202	C638	391823,705	7633729,286	C701	389897,690	7637276,902	C764	394139,470	7633251,253
C576	389528,230	7627895,465	C639	391886,219	7633676,346	C702	389943,872	7637204,814	C765	394164,176	7633202,351
C577	389734,461	7627934,266	C640	391889,035	7633585,109	C703	389999,064	7637169,896	C766	394140,235	7633128,708
C578	389808,699	7627991,771	C641	391833,279	7633518,652	C704	390229,410	7637178,907	C767	394106,622	7633105,332
C579	389880,506	7628178,891	C642	391691,355	7633509,641	C705	390525,085	7637354,060	C768	394046,742	7632952,640

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C769	394055,792	7632914,017	C832	397746,078	7630883,477	C895	395882,211	7642189,458	C958	400386,392	7639943,630
C770	394028,126	7632844,300	C833	398104,379	7631031,180	C896	395833,263	7642260,565	C959	400704,885	7640620,204
C771	393998,342	7632829,222	C834	398225,435	7631608,925	C897	395524,692	7642472,232	C960	400759,786	7640828,895
C772	393937,796	7632674,825	C835	398674,698	7632548,727	C898	395264,738	7642213,270	C961	400696,286	7640850,789
C773	393911,514	7632523,890	C836	399019,186	7633145,099	C899	395105,988	7641577,277	C962	400653,953	7640904,698
C774	393914,114	7632429,252	C837	399263,903	7633700,151	C900	395068,616	7641513,115	C963	400654,945	7640971,836
C775	393942,665	7632370,157	C838	399286,942	7634300,626	C901	395042,819	7641390,745	C964	400705,216	7641140,178
C776	393925,793	7632234,134	C839	399476,252	7634881,652	C902	394695,552	7640750,452	C965	400751,187	7641188,464
C777	393860,257	7632187,557	C840	399616,746	7635188,437	C903	394621,138	7640642,304	C966	400828,909	7641195,079
C778	393819,151	7632114,637	C841	399609,999	7635270,590	C904	394429,646	7640460,733	C967	400840,484	7641659,424
C779	393743,308	7631874,342	C842	399716,607	7636195,191	C905	394352,255	7640456,434	C968	400803,823	7641700,095
C780	393753,070	7631832,291	C843	399828,351	7636511,103	C906	394299,669	7640494,468	C969	400819,749	7641820,692
C781	393708,765	7631586,189	C844	399814,390	7636776,734	C907	394273,210	7640553,999	C970	400863,966	7641855,216
C782	393646,433	7631348,194	C845	399713,187	7636983,109	C908	394288,424	7640622,460	C971	400837,839	7642017,935
C783	393661,894	7631287,871	C846	399671,515	7637264,891	C909	394458,419	7640784,187	C972	400794,424	7642046,976
C784	393624,687	7631207,028	C847	399744,540	7637727,648	C910	394841,404	7641470,121	C973	400768,501	7642131,837
C785	393579,808	7631189,275	C848	399516,336	7638472,187	C911	394868,855	7641598,113	C974	400821,544	7642811,624
C786	393472,976	7630957,466	C849	399153,076	7638556,305	C912	394907,550	7641662,936	C975	400785,163	7642941,600
C787	393461,712	7630877,118	C850	399070,343	7638674,669	C913	395069,608	7642310,174	C976	400785,163	7643104,981
C788	393358,084	7630547,463	C851	398904,956	7638564,985	C914	395177,756	7642459,995	C977	400935,209	7643510,842
C789	393261,280	7630322,001	C852	398831,329	7638571,274	C915	395447,301	7642684,561	C978	400936,829	7643684,570
C790	393101,269	7630249,347	C853	398774,443	7638622,537	C916	395584,588	7642691,511	C979	400828,019	7644199,847
C791	393046,452	7630127,697	C854	398767,498	7638700,920	C917	396206,988	7642294,299	C980	400894,496	7644343,053
C792	392800,108	7630091,202	C855	398903,759	7638916,225	C918	396515,559	7642951,790	C981	401024,804	7644548,767
C793	392757,359	7629883,287	C856	398615,362	7639360,395	C919	396580,382	7642979,241	C982	401076,728	7644745,882
C794	392688,262	7629802,798	C857	398545,578	7639388,838	C920	396644,212	7642969,980	C983	401126,007	7645126,552
C795	392627,437	7629174,589	C858	398306,622	7639366,905	C921	396689,522	7642925,001	C984	401148,496	7645165,908
C796	392632,506	7628750,506	C859	398112,322	7639511,869	C922	396706,390	7642857,863	C985	401233,825	7645238,338
C797	392932,687	7628829,353	C860	398008,142	7639350,916	C923	396687,115	7642135,218	C986	401259,291	7645367,984
C798	393161,343	7628744,311	C861	397831,296	7639417,273	C924	396362,431	7642000,280	C987	401234,023	7645452,682
C799	393196,261	7628610,834	C862	397664,514	7639461,268	C925	396372,353	7641624,902	C988	401351,195	7645741,109
C800	393386,518	7628607,592	C863	397574,158	7639399,858	C926	396606,840	7641289,873	C989	401326,098	7645921,295
C801	393488,713	7628739,222	C864	397265,990	7639355,120	C927	396721,273	7640947,567	C990	401454,422	7646151,814
C802	393683,062	7628866,788	C865	397211,083	7639394,460	C928	396820,161	7640895,643	C991	401444,500	7646190,840
C803	394129,337	7628802,722	C866	397079,122	7639285,981	C929	397027,559	7640577,731	C992	401460,044	7646250,372
C804	394284,780	7628743,191	C867	397091,690	7639157,988	C930	396985,526	7640437,251	C993	401492,125	7646278,814
C805	394359,194	7628665,470	C868	397157,174	7638906,964	C931	397076,807	7640137,279	C994	401474,927	7646333,476
C806	394597,650	7628965,772	C869	397147,253	7638802,785	C932	397119,802	7639927,266	C995	401426,310	7646524,216
C807	394774,591	7629159,249	C870	397120,133	7638709,188	C933	397192,232	7639936,526	C996	401352,557	7646563,903
C808	394726,304	7629219,773	C871	397066,224	7638661,894	C934	397251,763	7639902,130	C997	401331,390	7646647,578
C809	394736,226	7629293,526	C872	396980,565	7638664,209	C935	397280,206	7639842,268	C998	401353,549	7646695,203
C810	394774,922	7629344,127	C873	396926,656	7638720,433	C936	397268,961	7639771,492	C999	401004,966	7647205,455
C811	394841,398	7629361,325	C874	396919,710	7638781,618	C937	397292,774	7639724,198	C1000	400996,030	7647595,119
C812	395069,933	7629291,541	C875	396941,869	7638890,759	C938	397286,490	7639624,648	C1001	400893,835	7647880,870
C813	395129,503	7629236,045	C876	396863,654	7639178,744	C939	397403,568	7639592,898	C1002	400805,530	7647956,607
C814	395215,784	7629364,302	C877	396862,776	7639402,428	C940	397633,412	7639689,960	C1003	400573,027	7648024,737
C815	395186,349	7629416,888	C878	396758,976	7639473,174	C941	397809,676	7639645,312	C1004	400235,529	7647984,364
C816	395197,264	7629482,372	C879	396745,416	7639556,187	C942	397957,843	7639718,073	C1005	399946,053	7648286,685
C817	395234,636	7629528,344	C880	396781,135	7639618,695	C943	398150,990	7639726,672	C1006	399801,108	7648079,576
C818	395296,152	7629545,872	C881	396908,683	7639724,859	C944	398320,323	7639653,580	C1007	399653,272	7647969,774
C819	395364,613	7629527,021	C882	396837,359	7639819,117	C945	398383,493	7639588,757	C1008	399515,358	7647967,790
C820	395463,170	7629376,539	C883	396820,161	7639890,555	C946	398579,285	7639604,632	C1009	399344,040	7648020,706
C821	395613,662	7629498,383	C884	396827,437	7640045,998	C947	398792,605	7639535,510	C1010	399155,193	7648397,408
C822	396102,140	7629624,586	C885	396857,864	7640122,066	C948	398844,530	7639505,744	C1011	399055,974	7648831,987
C823	396274,063	7629824,615	C886	396760,090	7640435,127	C949	398869,335	7639455,473	C1012	399139,649	7649210,342
C824	396501,870	7630167,515	C887	396792,710	7640546,392	C950	398870,658	7639412,147	C1013	399213,732	7649374,053
C825	396714,595	7630270,703	C888	396671,002	7640733,585	C951	398858,751	7639379,405	C1014	399319,896	7649377,433
C826	397034,477	7630266,734	C889	396541,863	7640797,886	C952	399279,440	7638751,019	C1015	399424,738	7649624,746
C827	397059,934	7630394,525	C890	396409,725	7641197,599	C953	399632,269	7638674,493	C1016	399451,527	7650032,205
C828	397122,442	7630536,739	C891	396219,225	7641455,899	C954	399706,743	7638576,724	C1017	399560,337	7650736,329
C829	397228,275	7630718,640	C892	396154,732	7641579,592	C955	399929,780	7637855,485	C1018	399560,998	7650840,178
C830	397377,717	7630827,818	C893	396148,779	7641955,963	C956	400053,617	7637845,404	C1019	399651,618	7651345,864
C831	397694,604	7630764,612	C894	396063,782	7642061,135	C957	400310,986	7638424,919	C1020	399547,108	7651688,831

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C1021	399513,884	7652235,629	C1084	399752,359	7656364,453	C1147	397426,085	7671586,598	C1210	398013,196	7673429,954
C1022	399584,150	7652420,405	C1085	399835,068	7656682,748	C1148	397278,572	7671589,164	C1211	398091,513	7673408,258
C1023	399643,157	7652494,842	C1086	399732,998	7657083,262	C1149	397020,290	7671694,494	C1212	398120,617	7673379,947
C1024	399658,894	7652789,831	C1087	399646,456	7657745,279	C1150	396887,127	7671780,803	C1213	398310,588	7673316,183
C1025	399638,389	7653115,269	C1088	399796,756	7657968,996	C1151	396711,443	7672031,893	C1214	398367,474	7673441,595
C1026	399649,788	7653637,016	C1089	399579,533	7658565,103	C1152	396696,945	7672082,815	C1215	398435,207	7673498,746
C1027	399930,754	7654245,703	C1090	399545,274	7658688,224	C1153	396788,605	7672289,878	C1216	398465,899	7673690,833
C1028	399874,530	7654762,634	C1091	399435,817	7660028,196	C1154	396787,908	7672401,781	C1217	398436,795	7673946,686
C1029	399815,991	7654970,663	C1092	399424,751	7660799,514	C1155	396756,952	7672507,350	C1218	398436,530	7674077,390
C1030	399858,325	7655405,573	C1093	399454,384	7660993,983	C1156	396751,925	7672619,533	C1219	398450,818	7674245,401
C1031	399855,348	7655484,617	C1094	399617,103	7661549,345	C1157	396764,625	7672661,867	C1220	398367,474	7674479,293
C1032	399755,137	7655609,302	C1095	399578,739	7661854,145	C1158	396920,994	7672816,648	C1221	398375,147	7674656,565
C1033	399720,410	7655741,264	C1096	399532,804	7661868,774	C1159	396904,854	7673017,467	C1222	398296,830	7674881,196
C1034	399528,256	7655765,738	C1097	399463,645	7662021,627	C1160	396964,915	7673234,955	C1223	398041,458	7675245,791
C1035	399335,771	7655748,870	C1098	399449,622	7662295,471	C1161	396978,144	7673410,375	C1224	398099,023	7675622,085
C1036	399285,501	7655706,206	C1099	399475,816	7662514,282	C1162	396847,969	7673676,281	C1225	398082,782	7675801,683
C1037	399123,112	7655342,073	C1100	399570,801	7662972,806	C1163	396844,265	7673719,408	C1226	398066,377	7675840,842
C1038	399065,234	7655302,385	C1101	399478,462	7663371,269	C1164	396867,019	7673813,071	C1227	398071,783	7675898,595
C1039	398581,377	7655325,536	C1102	399493,807	7663898,585	C1165	396786,056	7674348,060	C1228	398185,176	7676038,751
C1040	398452,723	7655359,932	C1103	399582,443	7664356,579	C1166	396748,221	7674511,837	C1229	398054,207	7676326,618
C1041	398407,413	7655342,693	C1104	399513,122	7664469,557	C1167	396724,673	7674751,550	C1230	397973,773	7676630,096
C1042	398434,202	7655556,055	C1105	399333,470	7664514,536	C1168	396778,648	7674882,255	C1231	397988,325	7676692,802
C1043	398413,035	7655659,904	C1106	399313,097	7664474,319	C1169	397006,190	7675284,157	C1232	398044,417	7676737,517
C1044	398036,797	7656013,741	C1107	399254,359	7664443,892	C1170	397076,040	7675311,410	C1233	398115,590	7676739,104
C1045	398002,401	7656169,845	C1108	399076,559	7664461,090	C1171	397149,330	7675289,978	C1234	398178,561	7676694,389
C1046	397934,601	7656236,983	C1109	398930,508	7664577,771	C1172	397189,282	7675225,420	C1235	398263,007	7676382,240
C1047	397796,687	7656238,637	C1110	398703,231	7664868,020	C1173	397184,255	7675167,476	C1236	398381,805	7676122,418
C1048	397738,479	7656278,325	C1111	398619,127	7664902,436	C1174	397044,555	7674914,798	C1237	398461,105	7676119,628
C1049	397717,973	7656348,439	C1112	398479,922	7665111,173	C1175	397053,286	7674875,905	C1238	398532,906	7676002,331
C1050	397743,770	7656416,239	C1113	398452,670	7665209,598	C1176	397041,909	7674825,104	C1239	398705,126	7676073,470
C1051	397798,010	7656448,981	C1114	398587,495	7665978,895	C1177	396941,102	7674720,594	C1240	398777,622	7676059,977
C1052	397852,520	7656451,296	C1115	398482,568	7666457,904	C1178	397087,744	7673812,507	C1241	398824,454	7676005,737
C1053	397851,919	7656303,643	C1116	398482,303	7666720,372	C1179	397063,605	7673719,938	C1242	398829,481	7676094,649
C1054	397904,836	7656753,253	C1117	398495,003	7666924,366	C1180	397195,103	7673452,179	C1243	398800,906	7675885,087
C1055	397859,526	7657015,191	C1118	398594,487	7667487,665	C1181	397173,936	7673187,859	C1244	398641,626	7675802,272
C1056	397790,734	7657057,193	C1119	398516,435	7667751,984	C1182	397119,961	7672991,274	C1245	398463,032	7675761,526
C1057	397761,630	7657147,152	C1120	398502,412	7667883,218	C1183	397137,159	7672781,194	C1246	398505,869	7675756,499
C1058	397717,643	7657176,256	C1121	398534,426	7668298,614	C1184	397084,771	7672662,131	C1247	398318,431	7675568,683
C1059	397698,130	7657240,087	C1122	398581,787	7668677,234	C1185	396967,032	7672561,060	C1248	398264,859	7675299,827
C1060	397716,651	7657310,863	C1123	398560,885	7668966,689	C1186	396999,046	7672435,383	C1249	398443,982	7675051,118
C1061	397782,796	7657351,543	C1124	398492,887	7668960,339	C1187	397004,602	7672325,845	C1250	398493,988	7674963,806
C1062	397910,809	7657363,759	C1125	398396,215	7669013,199	C1188	396998,517	7672214,985	C1251	398587,386	7674700,280
C1063	398060,279	7657289,366	C1126	398360,330	7669214,074	C1189	396932,900	7672086,926	C1252	398588,659	7674507,991
C1064	398104,266	7657236,780	C1127	398065,055	7669337,371	C1190	397037,940	7671937,965	C1253	398671,718	7674269,875
C1065	398114,518	7657179,894	C1128	398028,807	7669400,341	C1191	397335,597	7671803,557	C1254	398648,770	7674059,987
C1066	398100,959	7657122,678	C1129	398040,184	7669478,394	C1192	397736,368	7671925,438	C1255	398650,622	7673953,360
C1067	398272,607	7656996,670	C1130	398087,015	7669516,494	C1193	397897,838	7671884,519	C1256	398681,314	7673691,157
C1068	398292,782	7656933,831	C1131	398035,421	7669668,100	C1194	398031,188	7671968,922	C1257	398651,151	7673499,069
C1069	398275,253	7656868,016	C1132	398051,296	7669825,528	C1195	398009,492	7672107,828	C1258	398697,718	7673489,809
C1070	398215,060	7656823,037	C1133	398032,511	7669866,009	C1196	397978,800	7672128,995	C1259	398748,906	7673448,059
C1071	398138,628	7656828,037	C1134	398042,036	7669924,482	C1197	397956,046	7672181,912	C1260	398769,949	7673272,321
C1072	398068,547	7656451,627	C1135	398063,202	7669950,411	C1198	397960,279	7672231,124	C1261	399027,389	7673199,825
C1073	398078,469	7656396,065	C1136	398065,848	7670167,106	C1199	397975,096	7672258,376	C1262	399075,014	7673155,640
C1074	398197,532	7656275,348	C1137	397999,702	7670475,081	C1200	397941,229	7672475,600	C1263	399084,804	7673086,054
C1075	398231,597	7656124,535	C1138	397997,321	7670633,831	C1201	397939,113	7672629,323	C1264	399054,641	7673022,554
C1076	398610,613	7655767,016	C1139	397872,437	7670873,544	C1202	398190,732	7673131,503	C1265	398986,147	7672989,521
C1077	398652,037	7655552,053	C1140	397849,154	7670984,405	C1203	398092,307	7673165,370	C1266	399005,958	7672818,295
C1078	398963,261	7655536,432	C1141	397922,444	7671209,831	C1204	398060,557	7673137,059	C1267	398985,850	7672764,849
C1079	399112,304	7655841,952	C1142	398088,602	7671431,023	C1205	397994,675	7673128,064	C1268	398945,633	7672734,951
C1080	399239,116	7655947,030	C1143	398108,446	7671554,848	C1206	397917,131	7673166,027	C1269	398896,156	7672722,251
C1081	399333,099	7655967,101	C1144	398076,696	7671731,590	C1207	397886,725	7673324,385	C1270	398834,772	7672739,978
C1082	399543,126	7655978,531	C1145	397913,562	7671657,880	C1208	397899,954	7673380,477	C1271	398795,878	7672791,837
C1083	399727,435	7655954,243	C1146	397754,698	7671700,369	C1209	397952,871	7673426,514	C1272	398743,173	7673049,695

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C1273	398521,770	7673122,302	C1336	398765,980	7667714,472	C1399	400484,453	7659386,695	C1462	402908,916	7661889,652
C1274	398403,236	7673079,175	C1337	398810,166	7667493,545	C1400	400790,555	7659468,140	C1463	402917,515	7661756,037
C1275	398151,881	7672577,524	C1338	398780,268	7667263,886	C1401	400895,087	7659562,908	C1464	402927,437	7661538,748
C1276	398171,196	7672382,526	C1339	398705,391	7666885,267	C1402	400929,483	7659639,108	C1465	403006,812	7661391,573
C1277	398216,440	7672158,952	C1340	398694,543	7666696,618	C1403	400950,120	7659768,490	C1466	403014,750	7661338,656
C1278	398331,005	7672135,140	C1341	398696,924	7666485,480	C1404	401532,541	7660659,169	C1467	402976,716	7661252,336
C1279	398356,669	7672179,061	C1342	398808,049	7666020,342	C1405	401619,782	7660747,715	C1468	402970,432	7661166,346
C1280	398413,819	7672207,371	C1343	398796,143	7665893,606	C1406	401716,884	7660805,129	C1469	403041,208	7661069,111
C1281	398485,522	7672186,523	C1344	398728,674	7665483,237	C1407	401763,186	7660814,390	C1470	403097,101	7660897,793
C1282	398536,322	7672139,108	C1345	398671,789	7665217,330	C1408	401906,062	7660779,200	C1471	403362,016	7660805,189
C1283	398538,968	7672069,787	C1346	398764,658	7665073,396	C1409	402243,935	7660786,079	C1472	403399,719	7660773,770
C1284	398462,238	7671932,733	C1347	398841,916	7665035,561	C1410	402315,902	7660763,590	C1473	403473,472	7660641,147
C1285	398399,003	7671864,470	C1348	399027,125	7665111,987	C1411	402467,723	7660825,033	C1474	403619,324	7660610,720
C1286	398321,215	7671853,887	C1349	399106,210	7664715,750	C1412	402522,293	7660826,356	C1475	403720,196	7660537,629
C1287	398301,636	7671686,405	C1350	399316,580	7664764,627	C1413	402633,418	7660752,603	C1476	403789,890	7660512,493
C1288	398320,950	7671576,339	C1351	399374,788	7664752,456	C1414	402873,528	7660894,486	C1477	403856,788	7660431,134
C1289	398345,028	7671544,059	C1352	399405,744	7664719,383	C1415	402846,077	7660975,515	C1478	403977,835	7660358,704
C1290	398348,732	7671486,909	C1353	399554,176	7664678,637	C1416	402763,395	7661086,971	C1479	404036,043	7660207,229
C1291	398288,671	7671344,828	C1354	399578,518	7664749,810	C1417	402753,473	7661124,674	C1480	404071,762	7660176,472
C1292	398113,517	7671109,348	C1355	399560,261	7664792,673	C1418	402767,364	7661303,930	C1481	404354,205	7660096,104
C1293	398091,292	7671041,879	C1356	399576,665	7664864,111	C1419	402786,546	7661349,570	C1482	404354,747	7660006,807
C1294	398124,365	7671001,133	C1357	399642,507	7665043,387	C1420	402720,400	7661472,933	C1483	405034,847	7660420,881
C1295	398127,010	7670940,279	C1358	399648,897	7665203,307	C1421	402699,564	7661647,889	C1484	405067,920	7660641,147
C1296	398104,785	7670889,479	C1359	399678,530	7665266,543	C1422	402703,864	7661768,936	C1485	405183,014	7660921,606
C1297	398211,148	7670682,045	C1360	399765,314	7665311,786	C1423	402693,611	7661917,103	C1486	405367,892	7661109,460
C1298	398212,736	7670501,863	C1361	399822,728	7665389,309	C1424	402733,629	7662059,647	C1487	405554,755	7661183,213
C1299	398262,477	7670300,780	C1362	399888,874	7665403,597	C1425	402693,611	7662247,171	C1488	405839,844	7661192,143
C1300	398272,796	7670218,230	C1363	399968,779	7665385,341	C1426	402697,580	7662292,481	C1489	406117,988	7661031,408
C1301	398325,739	7670207,667	C1364	400006,879	7665323,693	C1427	402765,049	7662401,622	C1490	406339,907	7660997,012
C1302	398460,915	7670029,846	C1365	400027,252	7665150,655	C1428	402851,369	7662825,618	C1491	406749,020	7661163,369
C1303	398463,297	7669965,023	C1366	400054,239	7665117,053	C1429	402945,296	7663030,009	C1492	406966,971	7661556,276
C1304	398426,784	7669908,137	C1367	400059,796	7665060,961	C1430	403136,128	7663216,209	C1493	407032,456	7661762,983
C1305	398325,739	7670207,667	C1368	400051,064	7664951,688	C1431	403156,633	7663361,731	C1494	407192,198	7662103,304
C1306	398257,979	7669750,974	C1369	400018,520	7664830,773	C1432	403171,846	7663397,119	C1495	407152,511	7662149,275
C1307	398252,688	7669690,385	C1370	399824,845	7664670,700	C1433	403240,638	7663474,840	C1496	407154,826	7662220,382
C1308	398300,842	7669550,949	C1371	399866,385	7664498,191	C1434	403272,719	7663551,239	C1497	407211,380	7662350,028
C1309	398473,086	7669409,397	C1372	399847,864	7664233,314	C1435	403283,525	7663713,301	C1498	407057,260	7662555,742
C1310	398535,263	7669391,405	C1373	399798,387	7664365,634	C1436	403254,860	7663906,112	C1499	406997,068	7662581,539
C1311	398606,172	7669453,847	C1374	399755,789	7664074,328	C1437	403209,880	7663934,885	C1500	406962,010	7662655,292
C1312	398798,524	7669549,891	C1375	399705,253	7663864,513	C1438	403145,719	7664100,581	C1501	406986,153	7662734,336
C1313	398782,649	7669614,978	C1376	399692,553	7663389,849	C1439	403157,294	7664164,412	C1502	407069,895	7662783,702
C1314	398806,462	7669677,156	C1377	399788,333	7662973,394	C1440	403202,604	7664207,407	C1503	407190,214	7662732,682
C1315	398867,052	7669716,843	C1378	399683,028	7662459,837	C1441	403260,151	7664220,305	C1504	407375,422	7662495,880
C1316	399009,927	7669708,376	C1379	399663,184	7662278,597	C1442	403407,657	7664203,107	C1505	407526,897	7662818,011
C1317	399069,194	7669742,508	C1380	399675,091	7662077,513	C1443	403459,251	7664157,797	C1506	407498,454	7662985,360
C1318	399126,873	7669743,037	C1381	399722,980	7662065,872	C1444	403472,810	7664099,920	C1507	407255,037	7663039,600
C1319	399172,910	7669715,256	C1382	399766,107	7662017,717	C1445	403454,951	7664028,482	C1508	407209,396	7663072,342
C1320	399352,034	7669458,874	C1383	399833,312	7661631,425	C1446	403696,715	7663917,357	C1509	407134,320	7663304,184
C1321	399352,563	7669383,203	C1384	399828,020	7661512,891	C1447	403727,803	7663848,896	C1510	406816,820	7663460,288
C1322	399311,023	7669330,286	C1385	399660,539	7660937,421	C1448	403715,566	7663791,349	C1511	406772,833	7663430,853
C1323	399349,388	7669218,103	C1386	399637,784	7660782,640	C1449	403673,894	7663740,747	C1512	406702,718	7663439,452
C1324	399329,280	7669149,575	C1387	399647,309	7660561,448	C1450	403501,915	7663692,460	C1513	406626,319	7663501,299
C1325	399267,896	7669108,300	C1388	399652,601	7660063,501	C1451	403482,732	7663496,668	C1514	406001,571	7663220,509
C1326	399196,458	7669113,063	C1389	399763,033	7658807,997	C1452	403418,902	7663352,139	C1515	405982,719	7663178,506
C1327	399146,981	7669153,809	C1390	399915,333	7658808,050	C1453	403361,024	7663285,332	C1516	405923,849	7663144,772
C1328	399089,831	7669315,205	C1391	399961,635	7658787,942	C1454	403341,062	7663123,835	C1517	405759,807	7663131,873
C1329	398998,495	7669405,594	C1392	399993,120	7658748,519	C1455	403194,005	7662956,256	C1518	405505,807	7663186,444
C1330	398702,030	7669240,535	C1393	400026,193	7658635,542	C1456	403115,953	7662893,086	C1519	405473,395	7663157,340
C1331	398766,245	7669093,484	C1394	400177,537	7658635,793	C1457	403055,760	7662756,826	C1520	405408,572	7663139,811
C1332	398795,349	7668663,535	C1395	400212,460	7658796,409	C1458	403004,828	7662472,729	C1521	405310,345	7663133,527
C1333	398745,608	7668265,865	C1396	400284,091	7658914,832	C1459	402962,825	7662312,656	C1522	405244,530	7663186,444
C1334	398738,728	7668057,373	C1397	400332,846	7659114,968	C1460	402914,539	7662234,603	C1523	405234,939	7663272,103
C1335	398716,239	7667875,604	C1398	400337,559	7659238,934	C1461	402953,234	7662051,379	C1524	405272,973	7663324,027

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C1525	405394,351	7663418,285	C1588	404273,177	7659715,765	C1651	399874,829	7652438,532	C1714	403650,862	7649429,157
C1526	405446,606	7663434,160	C1589	404147,098	7659645,529	C1652	399772,605	7652313,701	C1715	403549,990	7649315,056
C1527	405671,172	7663376,613	C1590	403939,453	7659580,582	C1653	399734,240	7652206,213	C1716	403455,070	7649270,076
C1528	405696,638	7663440,775	C1591	403534,988	7659656,895	C1654	399761,360	7651714,749	C1717	403394,878	7649276,030
C1529	405749,885	7663476,494	C1592	403487,032	7659724,364	C1655	399871,493	7651355,907	C1718	403364,120	7649299,842
C1530	405820,662	7663476,494	C1593	403492,985	7659799,109	C1656	399773,928	7650811,857	C1719	403284,414	7649284,629
C1531	405891,719	7663420,289	C1594	403542,264	7659852,356	C1657	399773,267	7650690,809	C1720	402803,202	7648983,334
C1532	406631,611	7663736,447	C1595	403609,071	7659862,609	C1658	399662,141	7649988,670	C1721	402493,308	7648612,916
C1533	406565,134	7663873,039	C1596	403733,756	7659837,474	C1659	399636,675	7649555,414	C1722	402350,763	7648162,793
C1534	406338,254	7664093,305	C1597	403773,113	7659858,310	C1660	399563,253	7649449,580	C1723	402252,206	7647974,277
C1535	406158,006	7664086,360	C1598	403932,856	7659850,041	C1661	399477,594	7649387,403	C1724	402363,662	7647919,707
C1536	405502,830	7664377,402	C1599	404053,866	7659904,014	C1662	399340,672	7649133,733	C1725	402398,058	7647847,277
C1537	405272,973	7664379,717	C1600	403854,803	7660081,883	C1663	399275,187	7648826,816	C1726	402369,615	7647766,248
C1538	405077,512	7664159,782	C1601	403804,202	7660214,506	C1664	399360,847	7648467,313	C1727	402313,060	7647736,151
C1539	404996,483	7664145,230	C1602	403713,251	7660267,753	C1665	399495,123	7648196,445	C1728	402149,018	7647712,339
C1540	404921,407	7664199,800	C1603	403526,389	7660413,274	C1666	399580,782	7648181,231	C1729	402071,828	7647561,054
C1541	404842,032	7664328,123	C1604	403372,599	7660445,686	C1667	399849,004	7648512,292	C1730	401817,497	7647374,191
C1542	404847,654	7664473,644	C1605	403331,589	7660474,128	C1668	399892,329	7648531,474	C1731	401778,140	7647021,303
C1543	404709,079	7664564,264	C1606	403265,443	7660556,149	C1669	399932,017	7648532,467	C1732	401824,111	7646981,284
C1544	404565,542	7664709,124	C1607	403234,354	7660622,957	C1670	400059,017	7648507,331	C1733	401834,364	7646909,185
C1545	404563,557	7664782,546	C1608	403006,481	7660702,993	C1671	400206,853	7648371,070	C1734	401794,015	7646804,675
C1546	404596,630	7664838,109	C1609	402651,939	7660514,147	C1672	400315,994	7648210,336	C1735	401653,124	7646739,852
C1547	404728,261	7664970,400	C1610	402580,171	7660523,407	C1673	400575,606	7648240,373	C1736	401706,372	7646460,054
C1548	404794,738	7664974,700	C1611	402476,983	7660599,144	C1674	400707,237	7648222,183	C1737	401703,726	7646162,067
C1549	404846,331	7664952,872	C1612	402326,832	7660538,621	C1675	400918,242	7648141,815	C1738	401547,621	7645877,308
C1550	404974,324	7664845,385	C1613	402200,824	7660571,363	C1676	401034,990	7648041,274	C1739	401575,469	7645670,602
C1551	405185,660	7664617,512	C1614	401882,992	7660566,071	C1677	401078,316	7648054,172	C1740	401706,107	7645620,993
C1552	405247,837	7664593,038	C1615	401774,513	7660591,207	C1678	401128,917	7648041,935	C1741	401837,737	7645615,370
C1553	405553,432	7664590,392	C1616	401701,422	7660521,423	C1679	400918,242	7647929,156	C1742	402156,561	7645846,550
C1554	406200,339	7664301,665	C1617	401419,640	7660062,701	C1680	401736,137	7647625,215	C1743	402290,507	7645900,790
C1555	406402,085	7664308,610	C1618	401151,418	7659682,361	C1681	401769,210	7647657,296	C1744	402363,598	7645884,584
C1556	406450,702	7664285,128	C1619	401134,881	7659571,897	C1682	401904,479	7647707,236	C1745	402407,916	7645823,069
C1557	406744,721	7664395,078	C1620	401071,712	7659438,283	C1683	401932,978	7647938,558	C1746	402408,008	7645730,219
C1558	406838,979	7663798,294	C1621	400905,831	7659269,206	C1684	402155,302	7648252,421	C1747	402147,631	7645564,769
C1559	406858,492	7663679,562	C1622	400595,792	7659196,519	C1685	402305,454	7648724,041	C1748	402193,603	7645464,557
C1560	407294,394	7663463,926	C1623	400547,174	7659146,910	C1686	402665,949	7649151,014	C1749	402173,428	7645390,474
C1561	407326,805	7663424,569	C1624	400544,529	7659089,363	C1687	401332,330	7649489,350	C1750	402104,636	7645340,534
C1562	407383,691	7663229,439	C1625	400527,000	7658993,451	C1688	403457,055	7649533,999	C1751	401747,448	7645404,695
C1563	407639,014	7663171,892	C1626	400477,721	7658816,841	C1689	403536,099	7649618,666	C1752	401548,349	7645307,461
C1564	407688,954	7663130,881	C1627	400413,560	7658717,622	C1690	403988,207	7649759,226	C1753	401468,643	7645218,825
C1565	407748,816	7662788,907	C1628	400403,638	7658672,312	C1691	404133,067	7649738,059	C1754	401795,073	7644974,416
C1566	407228,578	7661674,678	C1629	400423,481	7658576,731	C1692	404323,236	7649897,140	C1755	401819,878	7644895,371
C1567	407160,779	7661461,357	C1630	400401,323	7658517,531	C1693	404380,452	7649915,000	C1756	401779,198	7644826,249
C1568	406898,179	7660993,044	C1631	400288,874	7658429,887	C1694	404552,101	7649855,468	C1757	401710,406	7644794,499
C1569	406365,704	7660776,746	C1632	400103,666	7658307,187	C1695	404739,956	7649884,903	C1758	401667,081	7644730,241
C1570	406040,928	7660827,348	C1633	399929,702	7658227,481	C1696	404909,951	7650026,125	C1759	401698,831	7644617,228
C1571	405784,281	7660977,830	C1634	400021,314	7657973,480	C1697	405018,761	7650178,922	C1760	401663,112	7644546,782
C1572	405596,757	7660971,546	C1635	400020,653	7657921,225	C1698	405085,899	7650202,404	C1761	401588,367	7644507,095
C1573	405489,250	7660927,228	C1636	399869,840	7657687,068	C1699	405157,006	7650176,276	C1762	401270,205	7644637,402
C1574	405363,593	7660798,905	C1637	399941,939	7657163,523	C1700	405194,048	7650115,422	C1763	401219,934	7644455,831
C1575	405273,304	7660576,324	C1638	400053,726	7656679,996	C1701	405188,095	7650048,614	C1764	401051,262	7644172,727
C1576	405261,397	7660493,972	C1639	399963,767	7656330,084	C1702	405063,740	7649875,312	C1765	401151,473	7643702,429
C1577	405275,949	7660457,261	C1640	399931,025	7655781,403	C1703	404911,935	7649737,067	C1766	401152,465	7643606,848
C1578	405268,673	7660353,412	C1641	399950,538	7655707,319	C1704	404922,188	7649686,465	C1767	401240,778	7643609,958
C1579	405215,426	7660285,943	C1642	400064,309	7655562,460	C1705	404890,769	7649621,973	C1768	401492,463	7643750,187
C1580	404654,839	7659887,083	C1643	400072,246	7655395,772	C1706	404826,276	7649590,884	C1769	401539,096	7643758,125
C1581	404680,636	7659839,789	C1644	400033,220	7654985,998	C1707	404750,539	7649605,767	C1770	401548,357	7643912,906
C1582	404675,013	7659782,903	C1645	400086,468	7654795,497	C1708	404708,536	7649663,314	C1771	401519,252	7644054,790
C1583	404647,563	7659718,411	C1646	400148,314	7654219,035	C1709	404527,627	7649636,194	C1772	401551,664	7644122,589
C1584	404598,615	7659681,038	C1647	400083,160	7654027,873	C1710	404399,966	7649682,496	C1773	401621,779	7644152,686
C1585	404524,862	7659679,715	C1648	399863,225	7653568,490	C1711	404219,718	7649533,337	C1774	401693,878	7644134,165
C1586	404470,622	7659719,403	C1649	399852,311	7653112,082	C1712	404174,408	7649515,809	C1775	401731,250	7644081,579
C1587	404330,393	7659689,637	C1650	399873,478	7652775,069	C1713	404004,082	7649541,275	C1776	401763,662	7643921,175

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C1777	401747,787	7643682,057	C1840	402935,750	7639583,280	C1903	400602,191	7639880,628	C1966	396320,360	7623374,177
C1778	401802,357	7643640,054	C1841	403082,508	7639386,085	C1904	400526,585	7638378,453	C1967	396294,606	7623302,415
C1779	401826,500	7643576,224	C1842	403093,361	7639323,231	C1905	400275,723	7637801,636	C1968	396481,756	7623162,180
C1780	401810,625	7643414,166	C1843	403067,233	7639199,869	C1906	400017,754	7636999,285	C1969	396512,514	7623061,638
C1781	401757,047	7643361,249	C1844	403037,137	7639158,197	C1907	400044,874	7636451,927	C1970	396691,769	7623006,406
C1782	401681,641	7643354,635	C1845	402990,834	7639138,353	C1908	399928,126	7636126,159	C1971	396875,655	7622929,015
C1783	401618,141	7643394,322	C1846	402880,155	7639129,661	C1909	399824,608	7635261,300	C1972	396908,728	7622892,966
C1784	401567,539	7643546,789	C1847	402859,278	7638905,372	C1910	399830,230	7635199,454	C1973	396984,135	7622644,587
C1785	401297,994	7643397,629	C1848	402816,871	7638859,217	C1911	399887,447	7635165,388	C1974	397058,879	7622637,311
C1786	401123,169	7643391,062	C1849	402749,732	7638836,066	C1912	399912,582	7635100,565	C1975	397109,150	7622606,223
C1787	401076,867	7643238,927	C1850	402570,477	7638922,717	C1913	399896,046	7635029,789	C1976	397176,289	7622468,308
C1788	400998,153	7643060,663	C1851	402517,560	7638815,892	C1914	399828,246	7634981,172	C1977	397188,856	7622313,858
C1789	400998,484	7642967,397	C1852	402425,860	7638689,988	C1915	399763,423	7634992,086	C1978	397233,174	7622209,016
C1790	401037,841	7642829,483	C1853	402369,724	7638670,040	C1916	399671,480	7634790,010	C1979	397322,471	7621941,456
C1791	401013,143	7642320,081	C1854	402237,763	7638642,920	C1917	399499,500	7634256,543	C1980	397314,203	7621762,200
C1792	401184,023	7642394,243	C1855	402148,135	7638657,141	C1918	399474,006	7633638,548	C1981	397201,755	7621424,525
C1793	401265,052	7642360,839	C1856	402044,368	7638581,030	C1919	399204,395	7633037,678	C1982	397211,015	7621150,019
C1794	401297,464	7642289,070	C1857	401844,525	7638562,883	C1920	398870,642	7632446,041	C1983	397151,484	7620915,863
C1795	401274,974	7642202,088	C1858	401361,972	7638644,402	C1921	398428,321	7631536,226	C1984	397170,335	7620715,440
C1796	401041,899	7642098,633	C1859	401311,371	7638689,050	C1922	398307,274	7630952,157	C1985	397114,773	7620280,531
C1797	401081,256	7641847,940	C1860	401299,795	7638757,181	C1923	398476,071	7631002,002	C1986	397160,083	7620146,585
C1798	401072,657	7641790,393	C1861	401326,584	7638821,673	C1924	398630,059	7630998,034	C1987	397301,080	7620128,059
C1799	401130,865	7641698,780	C1862	401399,014	7638856,399	C1925	398577,607	7630787,001	C1988	397383,987	7620284,830
C1800	401146,410	7641644,541	C1863	401858,398	7638778,678	C1926	398502,201	7630788,324	C1989	397447,487	7620316,249
C1801	401134,919	7641479,310	C1864	401942,403	7638787,938	C1927	398172,469	7630642,362	C1990	397517,602	7620302,028
C1802	401347,824	7641518,533	C1865	402036,090	7638880,914	C1928	397939,503	7630447,893	C1991	397563,904	7620253,080
C1803	401506,574	7641503,981	C1866	402087,924	7638899,725	C1929	397764,390	7630028,004	C1992	397672,714	7620222,322
C1804	401680,538	7641381,611	C1867	402145,471	7638900,056	C1930	397800,993	7629525,554	C1993	397812,613	7620225,299
C1805	401719,895	7641387,894	C1868	402206,656	7638863,477	C1931	397856,556	7629175,509	C1994	397977,316	7620148,569
C1806	401767,851	7641373,342	C1869	402315,400	7638956,346	C1932	397809,724	7629055,256	C1995	398016,342	7620093,999
C1807	401940,492	7641258,579	C1870	402354,030	7638969,575	C1933	397831,553	7628856,421	C1996	398014,689	7620027,522
C1808	401965,958	7641204,009	C1871	402434,992	7639143,936	C1934	397780,752	7628696,480	C1997	398084,473	7619895,561
C1809	401957,950	7641142,824	C1872	402451,438	7639294,046	C1935	397761,846	7628500,820	C1998	398084,142	7620128,139
C1810	401925,609	7641104,790	C1873	402336,608	7639371,546	C1936	397693,881	7628064,919	C1999	398193,613	7619813,540
C1811	402044,341	7640839,214	C1874	401960,858	7639301,893	C1937	397616,490	7627876,403	C2000	398341,780	7619739,457
C1812	402139,591	7640774,060	C1875	401894,183	7639326,499	C1938	397379,944	7627430,053	C2001	398388,744	7619902,176
C1813	402201,768	7640783,982	C1876	401860,581	7639389,734	C1939	397345,503	7627207,336	C2002	398446,953	7619943,186
C1814	402269,568	7640744,956	C1877	401865,872	7639452,441	C1940	397401,516	7627121,677	C2003	398514,421	7619943,517
C1815	402292,388	7640678,810	C1878	401911,116	7639510,649	C1941	397327,101	7627105,141	C2004	398576,599	7619900,522
C1816	402299,303	7640568,546	C1879	402316,723	7639584,204	C1942	397271,869	7626899,096	C2005	398590,820	7619829,746
C1817	402465,029	7640561,070	C1880	402276,242	7639714,379	C1943	397156,775	7626765,812	C2006	398524,674	7619603,857
C1818	402610,881	7640527,005	C1881	402277,829	7639903,556	C1944	397137,593	7626611,692	C2007	398578,252	7619531,758
C1819	402655,199	7640473,096	C1882	402156,121	7640116,282	C1945	396979,835	7626276,332	C2008	398826,961	7619522,167
C1820	402658,176	7640401,658	C1883	402105,019	7640274,979	C1946	396900,460	7625962,138	C2009	398861,688	7619552,264
C1821	402620,142	7640346,095	C1884	401946,570	7640235,609	C1947	396902,444	7625857,958	C2010	398931,802	7619558,217
C1822	402557,303	7640321,291	C1885	401801,314	7640129,246	C1948	396851,181	7625734,927	C2011	398990,672	7619522,498
C1823	402438,571	7640347,418	C1886	401735,697	7640123,425	C1949	396751,962	7625615,533	C2012	399112,463	7619510,683
C1824	402325,761	7640330,818	C1887	401669,816	7640163,642	C1950	396512,514	7625504,739	C2013	399111,719	7619604,519
C1825	402394,529	7640190,405	C1888	401650,237	7640235,344	C1951	396363,889	7625374,427	C2014	399153,391	7619696,131
C1826	402424,625	7640083,579	C1889	401674,314	7640300,697	C1952	396293,728	7625161,162	C2015	399099,813	7619792,704
C1827	402506,315	7640135,834	C1890	401539,947	7640541,162	C1953	396322,344	7625132,006	C2016	399116,350	7619869,433
C1828	402571,138	7640131,535	C1891	401567,554	7640609,863	C1954	396333,920	7625065,861	C2017	399170,259	7619911,767
C1829	402624,177	7640094,162	C1892	401603,273	7640644,920	C1955	396255,206	7624869,076	C2018	399233,428	7619918,712
C1830	402644,891	7640031,324	C1893	401789,805	7640779,858	C1956	396330,282	7624768,865	C2019	399293,290	7619885,308
C1831	402626,370	7639962,863	C1894	401672,065	7640925,048	C1957	396342,188	7624710,987	C2020	399377,296	7619737,142
C1832	402495,401	7639872,573	C1895	401600,627	7640928,686	C1958	396207,581	7624362,067	C2021	399382,587	7619677,941
C1833	402490,440	7639744,581	C1896	401537,788	7640986,895	C1959	396178,146	7624199,679	C2022	399324,709	7619584,909
C1834	402551,956	7639551,435	C1897	401538,781	7641068,916	C1960	396221,141	7624000,249	C2023	399327,355	7619262,544
C1835	402610,495	7639473,713	C1898	401608,302	7641161,654	C1961	396213,203	7623939,725	C2024	399310,488	7619211,612
C1836	402758,001	7639467,429	C1899	401428,317	7641297,119	C1962	396253,222	7623819,340	C2025	399276,092	7619181,515
C1837	402767,261	7639529,607	C1900	401212,350	7641271,984	C1963	396232,716	7623651,660	C2026	399287,006	7618986,385
C1838	402804,303	7639576,240	C1901	401050,917	7641084,406	C1964	396313,745	7623519,699	C2027	399218,545	7618811,759
C1839	402861,850	7639594,099	C1902	400902,126	7640532,141	C1965	396324,990	7623478,027	C2028	399256,579	7618656,316

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C2029	399219,537	7618585,540	C2092	398150,291	7615043,488	C2155	396381,195	7617218,433	C2218	394500,975	7610709,145
C2030	399150,415	7618558,090	C2093	398206,515	7614984,287	C2156	396405,008	7617176,100	C2219	394478,816	7610642,338
C2031	399071,040	7618580,249	C2094	398220,075	7614921,448	C2157	396395,416	7617107,969	C2220	394363,722	7610510,377
C2032	399040,613	7618637,796	C2095	398141,361	7614703,828	C2158	396342,500	7617052,407	C2221	394303,860	7610491,525
C2033	399009,855	7618765,457	C2096	398072,900	7614581,458	C2159	396268,747	7617019,995	C2222	394200,672	7610501,778
C2034	398971,493	7618802,894	C2097	397992,533	7614544,747	C2160	396290,906	7616979,977	C2223	394159,662	7610461,759
C2035	398962,233	7618870,363	C2098	397909,520	7614583,442	C2161	396285,614	7616918,461	C2224	394082,602	7610457,129
C2036	398991,006	7618930,225	C2099	397885,046	7614647,273	C2162	396252,872	7616872,821	C2225	394020,094	7610502,770
C2037	399047,230	7618960,321	C2100	397890,007	7614698,206	C2163	396157,291	7616814,281	C2226	393998,596	7610590,744
C2038	399071,373	7619023,160	C2101	397987,241	7614905,904	C2164	396123,887	7616604,929	C2227	393824,632	7610578,176
C2039	399062,113	7619179,264	C2102	397924,072	7614973,373	C2165	396088,168	7616553,335	C2228	393779,984	7610590,083
C2040	398821,672	7619308,580	C2103	397915,142	7615039,850	C2166	395967,121	7616512,986	C2229	393710,531	7610569,577
C2041	398497,557	7619322,139	C2104	397988,233	7615210,837	C2167	395986,634	7616439,895	C2230	393633,140	7610601,327
C2042	398449,932	7619345,952	C2105	397992,533	7615263,092	C2168	395977,705	7616380,364	C2231	393603,374	7610682,687
C2043	398329,546	7619326,108	C2106	397876,116	7615276,652	C2169	395928,757	7616273,869	C2232	393640,563	7610780,984
C2044	398349,060	7619278,483	C2107	397826,176	7615326,262	C2170	395871,210	7616216,983	C2233	393784,791	7610817,891
C2045	398336,823	7619221,598	C2108	397813,939	7615402,330	C2171	395880,470	7616158,113	C2234	393862,050	7610924,683
C2046	398293,497	7619174,965	C2109	397856,603	7615465,830	C2172	395800,433	7616019,868	C2235	393965,193	7610923,458
C2047	398239,588	7618940,147	C2110	397920,103	7615486,335	C2173	395693,938	7615949,092	C2236	394015,794	7610884,432
C2048	398331,531	7618657,373	C2111	397998,486	7615478,067	C2174	395744,871	7615918,003	C2237	394056,805	7610808,695
C2049	398449,932	7618681,516	C2112	398004,770	7615844,515	C2175	395764,053	7615851,527	C2238	394091,862	7610800,758
C2050	398514,424	7618651,089	C2113	397979,847	7615881,324	C2176	395747,186	7615787,696	C2239	394261,857	7610719,067
C2051	398545,844	7618590,896	C2114	397986,343	7615964,730	C2177	395688,647	7615741,724	C2240	394291,623	7610752,140
C2052	398513,432	7618296,877	C2115	398024,614	7615998,305	C2178	395752,808	7615465,234	C2241	394405,803	7611115,536
C2053	398428,104	7618243,960	C2116	398106,304	7616311,506	C2179	395739,248	7615405,372	C2242	394514,204	7611199,618
C2054	398330,268	7618247,319	C2117	398233,635	7616540,371	C2180	395805,725	7615246,622	C2243	394612,100	7611237,321
C2055	398262,408	7617709,832	C2118	398167,820	7616714,666	C2181	395808,371	7615194,036	C2244	394819,799	7611507,527
C2056	398343,768	7617630,126	C2119	398179,395	7616969,327	C2182	395787,866	7615154,018	C2245	394849,233	7611752,267
C2057	398485,651	7617769,032	C2120	398066,947	7617240,195	C2183	395816,970	7615056,783	C2246	394874,369	7611792,616
C2058	398575,609	7617811,366	C2121	398069,924	7617297,081	C2184	395820,939	7614893,402	C2247	394936,546	7611843,879
C2059	398847,469	7618135,481	C2122	398194,939	7617475,344	C2185	395799,441	7614757,473	C2248	394970,611	7611952,359
C2060	398927,506	7618145,733	C2123	398055,371	7617613,920	C2186	395838,446	7614715,607	C2249	394993,432	7612109,125
C2061	398985,714	7618107,700	C2124	398040,819	7617666,837	C2187	395864,069	7614651,776	C2250	395042,710	7612100,659
C2062	399014,157	7618046,515	C2125	398125,155	7618337,557	C2188	395819,926	7614600,843	C2251	395064,539	7612348,573
C2063	398997,951	7617982,022	C2126	398080,176	7618375,260	C2189	395771,308	7614565,124	C2252	395050,648	7612502,693
C2064	398708,232	7617637,732	C2127	398029,905	7618631,906	C2190	395740,881	7614372,970	C2253	395186,578	7612855,251
C2065	398414,213	7617412,505	C2128	398049,418	7618694,084	C2191	395641,662	7614203,967	C2254	395241,479	7613074,856
C2066	398295,812	7617245,487	C2129	398085,799	7618723,518	C2192	395673,081	7614159,980	C2255	395251,732	7613246,835
C2067	398347,737	7617120,471	C2130	398017,999	7618931,878	C2193	395672,751	7614097,142	C2256	395371,910	7613755,165
C2068	398393,708	7617130,393	C2131	398117,713	7619406,953	C2194	395641,331	7614042,571	C2257	395319,531	7613857,693
C2069	398458,862	7617102,942	C2132	397995,509	7619436,241	C2195	395568,571	7614009,498	C2258	395315,893	7613908,626
C2070	398490,943	7617042,749	C2133	397921,757	7619490,812	C2196	395570,555	7613967,165	C2259	395354,919	7614002,553
C2071	398486,643	7616977,926	C2134	397759,699	7619555,304	C2197	395540,790	7613893,081	C2260	395347,313	7614102,433
C2072	398447,286	7616929,640	C2135	397677,678	7619562,580	C2198	395601,644	7613775,011	C2261	395356,242	7614142,121
C2073	398397,015	7616910,788	C2136	397534,803	7619642,617	C2199	395603,297	7613724,409	C2262	395536,490	7614450,692
C2074	398387,755	7616778,166	C2137	397516,282	7619712,731	C2200	395463,068	7613204,833	C2263	395607,597	7614914,044
C2075	398485,599	7616820,099	C2138	397386,944	7619734,361	C2201	395453,146	7613033,845	C2264	395601,313	7615036,084
C2076	398823,358	7616871,737	C2139	397372,392	7619655,251	C2202	395387,331	7612776,868	C2265	395545,750	7615027,815
C2077	398899,063	7616817,853	C2140	397341,634	7619616,886	C2203	395267,607	7612467,305	C2266	395475,636	7615076,102
C2078	398914,938	7616756,668	C2141	397284,087	7619589,766	C2204	395279,513	7612338,321	C2267	395441,901	7615255,358
C2079	398900,386	7616690,522	C2142	397401,827	7619180,653	C2205	395248,424	7612143,190	C2268	395458,438	7615325,142
C2080	398838,540	7616648,189	C2143	397378,345	7619107,562	C2206	395198,815	7612041,656	C2269	395515,323	7615391,949
C2081	398467,309	7616578,709	C2144	397313,522	7619072,835	C2207	395177,648	7611896,135	C2270	395461,414	7615427,999
C2082	398376,002	7616223,605	C2145	397241,423	7619078,127	C2208	395119,109	7611717,871	C2271	395422,149	7615639,356
C2083	398294,489	7616188,474	C2146	397192,806	7619130,052	C2209	395053,625	7611662,639	C2272	395454,469	7615790,809
C2084	398218,421	7615894,125	C2147	397103,840	7619399,266	C2210	395023,859	7611420,215	C2273	395441,240	7615837,111
C2085	398213,130	7615557,111	C2148	397014,543	7619409,518	C2211	394739,510	7611051,342	C2274	395402,875	7615873,822
C2086	398281,260	7615570,010	C2149	396983,454	7619326,174	C2212	394620,699	7611011,432	C2275	395394,276	7615943,606
C2087	398356,005	7615518,416	C2150	396906,725	7619215,380	C2213	394567,782	7610915,190	C2276	395421,727	7615998,508
C2088	398373,687	7615417,067	C2151	396836,941	7618982,546	C2214	394622,353	7610894,354	C2277	395477,289	7616065,976
C2089	398248,518	7615286,574	C2152	396601,792	7618048,234	C2215	394659,064	7610828,870	C2278	395597,344	7616170,818
C2090	398207,838	7615276,652	C2153	396633,542	7617947,362	C2216	394642,197	7610744,203	C2279	395736,582	7616465,829
C2091	398198,247	7615151,967	C2154	396489,344	7617459,535	C2217	394574,397	7610699,885	C2280	395681,680	7616498,240

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C2281	395662,498	7616571,662	C2344	392686,260	7618039,111	C2407	393985,724	7620380,757	C2470	396406,667	7625693,601
C2282	395728,313	7616768,447	C2345	392610,523	7618011,991	C2408	394145,467	7620581,179	C2471	396620,649	7625792,159
C2283	395786,853	7616813,095	C2346	392532,802	7618040,434	C2409	394316,785	7620670,146	C2472	396687,787	7625901,630
C2284	395849,691	7616809,788	C2347	392499,067	7618112,533	C2410	394586,660	7620618,221	C2473	396687,126	7625997,542
C2285	395874,165	7616927,197	C2348	392510,643	7618166,772	C2411	394830,408	7620644,680	C2474	396781,384	7626362,668
C2286	395859,282	7616980,444	C2349	392577,120	7618306,671	C2412	394926,651	7620639,388	C2475	396931,204	7626680,168
C2287	395878,465	7617041,960	C2350	392655,528	7618386,916	C2413	395378,428	7620755,474	C2476	396947,741	7626828,335
C2288	395965,777	7617114,059	C2351	392862,209	7618490,888	C2414	395544,267	7620778,976	C2477	396963,285	7626869,346
C2289	396001,165	7617122,658	C2352	393029,558	7618816,656	C2415	395572,897	7620806,785	C2478	397080,033	7627006,929
C2290	396107,330	7617225,846	C2353	392951,836	7618863,951	C2416	395637,518	7620819,055	C2479	397146,179	7627253,323
C2291	396163,885	7617242,713	C2354	392919,094	7619036,592	C2417	395680,905	7620796,389	C2480	397198,765	7627291,026
C2292	396206,218	7617364,752	C2355	392938,607	7619085,870	C2418	395840,457	7620813,352	C2481	397149,486	7627455,730
C2293	396286,585	7617533,755	C2356	392980,610	7619123,243	C2419	395837,481	7620970,448	C2482	397158,085	7627508,646
C2294	396410,609	7617945,514	C2357	392985,902	7619215,186	C2420	395888,082	7621031,633	C2483	397475,585	7628096,353
C2295	396380,843	7618045,394	C2358	393095,704	7619541,285	C2421	396025,980	7621055,971	C2484	397422,669	7628531,594
C2296	396636,828	7619064,042	C2359	393076,522	7619778,749	C2422	396198,307	7621247,931	C2485	397431,598	7628578,227
C2297	396715,542	7619320,689	C2360	393066,269	7620798,720	C2423	396325,969	7621286,295	C2486	397589,026	7628797,501
C2298	396794,917	7619432,145	C2361	393131,423	7621202,211	C2424	396404,021	7621250,577	C2487	397614,161	7628882,829
C2299	396866,355	7619628,929	C2362	393124,477	7621239,583	C2425	396434,779	7621172,855	C2488	397592,333	7629076,306
C2300	396958,298	7619755,268	C2363	393074,206	7621277,286	C2426	396402,036	7621087,196	C2489	397627,423	7629208,792
C2301	397013,860	7619784,703	C2364	393057,670	7621347,732	C2427	396316,377	7621058,753	C2490	397585,719	7629521,468
C2302	397176,249	7619776,434	C2365	393181,363	7621659,610	C2428	396256,515	7620985,662	C2491	397532,953	7630070,678
C2303	397193,713	7619898,393	C2366	393322,585	7621885,829	C2429	396266,107	7620919,847	C2492	397719,333	7630477,277
C2304	396985,748	7619977,187	C2367	393291,827	7621933,785	C2430	396305,133	7620885,451	C2493	397680,969	7630540,116
C2305	396942,092	7619948,083	C2368	393301,418	7622006,876	C2431	396322,661	7620820,628	C2494	397426,637	7630596,671
C2306	396866,024	7619955,028	C2369	393355,988	7622063,431	C2432	396307,778	7620780,279	C2495	397387,611	7630569,882
C2307	396769,224	7620046,789	C2370	393424,119	7622064,754	C2433	396457,268	7620573,242	C2496	397269,541	7630339,694
C2308	396720,172	7620151,813	C2371	393515,069	7622363,734	C2434	396894,807	7620331,475	C2497	397228,153	7630118,303
C2309	396615,000	7620241,110	C2372	393483,981	7622446,086	C2435	396855,017	7620724,716	C2498	397167,828	7630048,453
C2310	396316,020	7620406,805	C2373	393288,519	7622627,656	C2436	396935,173	7620941,013	C2499	396763,855	7630050,636
C2311	396227,103	7620515,568	C2374	393185,662	7622652,130	C2437	396996,358	7621182,777	C2500	396646,115	7629994,081
C2312	396116,590	7620417,058	C2375	393096,696	7622752,341	C2438	396988,090	7621464,228	C2501	396595,844	7629886,263
C2313	396027,293	7620408,128	C2376	392836,412	7622854,206	C2439	397102,853	7621808,849	C2502	396534,659	7629825,740
C2314	395968,754	7620467,660	C2377	392743,477	7622762,594	C2440	397105,830	7621916,005	C2503	396426,464	7629652,371
C2315	395923,775	7620612,519	C2378	392662,448	7622755,318	C2441	396977,176	7622266,248	C2504	396208,976	7629415,039
C2316	395710,123	7620568,863	C2379	392591,672	7622811,873	C2442	396955,347	7622432,605	C2505	395677,077	7629273,090
C2317	395627,110	7620575,808	C2380	392588,695	7622886,287	C2443	396933,074	7622442,527	C2506	395363,876	7629224,050
C2318	395405,852	7620542,405	C2381	392608,208	7622980,214	C2444	396810,157	7622481,884	C2507	395181,643	7628970,803
C2319	395020,141	7620442,662	C2382	392772,581	7623159,470	C2445	396725,490	7622760,358	C2508	395128,396	7628866,623
C2320	394983,888	7620415,119	C2383	392849,972	7623171,045	C2446	396476,120	7622834,772	C2509	395064,565	7628833,219
C2321	394921,712	7620406,154	C2384	392913,803	7623135,657	C2447	396348,458	7622909,848	C2510	395222,985	7628577,234
C2322	394866,653	7620427,377	C2385	392935,631	7623085,056	C2448	396322,661	7622952,512	C2511	395246,797	7628481,323
C2323	394576,051	7620402,175	C2386	392944,230	7623043,053	C2449	396298,187	7623032,549	C2512	395249,774	7628268,333
C2324	394349,501	7620445,501	C2387	393225,019	7622930,274	C2450	396103,718	7623154,257	C2513	395194,211	7628208,801
C2325	394281,040	7620408,128	C2388	393303,072	7622854,292	C2451	396080,567	7623207,174	C2514	395119,797	7628200,864
C2326	394160,985	7620252,685	C2389	393397,660	7622820,141	C2452	396067,999	7623304,409	C2515	395044,314	7628240,788
C2327	393997,273	7619927,247	C2390	393565,741	7622662,475	C2453	396108,679	7623444,308	C2516	394951,026	7628557,577
C2328	393954,940	7619893,513	C2391	393637,598	7622702,587	C2454	396023,020	7623585,198	C2517	394959,393	7628599,393
C2329	393324,924	7619701,410	C2392	393706,562	7622904,808	C2455	396013,429	7623624,555	C2518	394816,848	7628825,943
C2330	393355,988	7619463,564	C2393	393782,961	7622939,204	C2456	396035,588	7623799,511	C2519	394736,812	7628795,516
C2331	393331,845	7619396,095	C2394	393860,021	7622919,360	C2457	395996,231	7623915,598	C2520	394471,460	7628452,402
C2332	393261,400	7619361,368	C2395	393902,685	7622850,237	C2458	396004,499	7623995,965	C2521	394273,886	7628441,239
C2333	393196,907	7619163,261	C2396	393894,086	7622787,068	C2459	395959,520	7624202,010	C2522	394162,334	7628362,682
C2334	393193,600	7619102,407	C2397	393620,268	7621973,552	C2460	396004,168	7624437,820	C2523	393722,463	7628635,774
C2335	393252,801	7619079,917	C2398	393442,164	7621659,064	C2461	396110,994	7624705,711	C2524	393633,828	7628576,904
C2336	393285,543	7619005,834	C2399	393447,003	7621612,232	C2462	396033,273	7624811,545	C2525	393492,009	7628391,352
C2337	393264,376	7618930,427	C2400	393419,998	7621558,321	C2463	396024,674	7624874,383	C2526	393102,676	7628393,679
C2338	393227,996	7618904,300	C2401	393379,410	7621539,111	C2464	396087,843	7625028,173	C2527	393052,405	7628423,445
C2339	393256,183	7618812,234	C2402	393311,697	7621389,483	C2465	396048,156	7625065,876	C2528	392925,915	7628596,982
C2340	393197,915	7618579,813	C2403	393350,062	7621205,267	C2466	396041,210	7625140,952	C2529	392571,105	7628486,033
C2341	393134,730	7618541,489	C2404	393279,947	7620769,695	C2467	396133,153	7625356,587	C2530	392581,805	7628424,082
C2342	393017,837	7618325,707	C2405	393290,530	7619915,751	C2468	396162,257	7625485,903	C2531	392509,717	7628323,270
C2343	392752,929	7618172,447	C2406	393835,573	7620083,100	C2469	396187,724	7625522,283	C2532	392527,176	7628213,448

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C2533	392427,408	7627616,263	C2596	389288,260	7621024,306	C2659	389773,016	7616992,566	C2722	386937,970	7627893,553
C2534	392403,273	7627264,470	C2597	389347,959	7620971,366	C2660	389850,174	7616967,786	C2723	386678,605	7628072,304
C2535	392341,886	7627198,014	C2598	389359,786	7620876,750	C2661	389892,976	7616886,686	C2724	386365,867	7628119,929
C2536	392245,017	7627204,209	C2599	389294,304	7620818,328	C2662	389818,635	7616672,674	C2725	386254,114	7627992,816
C2537	392187,008	7627270,102	C2600	389429,470	7620501,251	C2663	389973,513	7616570,736	C2726	386078,821	7627850,047
C2538	392194,329	7627439,060	C2601	389705,433	7620649,933	C2664	390048,417	7616706,465	C2727	386107,966	7627769,370
C2539	392143,079	7627494,816	C2602	389923,389	7620879,715	C2665	390144,160	7617197,005	C2728	386115,146	7627593,231
C2540	392150,400	7627582,673	C2603	390304,669	7621449,665	C2666	390091,783	7617637,421	C2729	386026,866	7627477,495
C2541	392201,088	7627629,418	C2604	390572,185	7621723,377	C2667	389992,098	7617912,822	C2730	385908,596	7627132,822
C2542	392287,256	7628113,200	C2605	390563,174	7621791,523	C2668	389804,555	7618015,886	C2731	385943,655	7627012,440
C2543	392219,673	7628162,198	C2606	390640,895	7621859,106	C2669	389691,354	7618244,542	C2732	385905,217	7626930,918
C2544	392203,661	7628351,919	C2607	390873,286	7621850,049	C2670	389502,121	7618419,131	C2733	385820,738	7626905,997
C2545	392090,139	7628390,290	C2608	390920,801	7621224,432	C2671	389481,846	7618516,563	C2734	385740,906	7626938,099
C2546	391912,927	7628391,364	C2609	390910,664	7621677,195	C2672	389549,993	7618593,157	C2735	385680,503	7627133,245
C2547	391548,463	7628511,088	C2610	390831,817	7621627,071	C2673	389638,977	7618593,720	C2736	385864,882	7627693,623
C2548	391325,888	7628386,911	C2611	390890,952	7621432,770	C2674	389669,952	7618773,942	C2737	385363,708	7627826,815
C2549	391250,145	7628287,515	C2612	390838,575	7621224,389	C2675	389603,683	7618965,802	C2738	385188,443	7627823,199
C2550	391190,613	7628227,322	C2613	390772,682	7621177,081	C2676	389403,187	7619118,240	C2739	385027,708	7627780,204
C2551	390979,608	7628259,733	C2614	390691,582	7621187,781	C2677	389274,780	7619655,149	C2740	384816,702	7627653,865
C2552	390882,656	7628350,304	C2615	390514,663	7621323,335	C2678	389336,355	7620163,523	C2741	384676,473	7627602,933
C2553	390688,355	7628361,568	C2616	390113,313	7620733,491	C2679	389094,558	7620721,459	C2742	384565,348	7627663,125
C2554	390507,570	7628346,361	C2617	389854,679	7620484,355	C2680	388898,567	7620825,837	C2743	384357,536	7627590,715
C2555	390089,682	7628087,293	C2618	389669,389	7620363,269	C2681	388803,951	7620800,305	C2744	383852,383	7627539,587
C2556	389992,710	7627852,274	C2619	389791,039	7620215,713	C2682	388706,331	7620813,822	C2745	383642,118	7627462,710
C2557	389808,824	7627713,368	C2620	389799,486	7620128,981	C2683	388636,496	7620876,900	C2746	383477,018	7627106,051
C2558	389528,743	7627671,095	C2621	389729,087	7620063,651	C2684	388640,250	7620970,014	C2747	383447,730	7626878,963
C2559	389360,349	7627712,208	C2622	389545,084	7620070,951	C2685	388700,324	7621034,593	C2748	383393,409	7626782,201
C2560	389021,307	7627587,179	C2623	389494,800	7619670,543	C2686	388782,175	7621031,590	C2749	383396,584	7626620,275
C2561	388892,900	7627589,432	C2624	389597,301	7619247,023	C2687	388792,687	7621690,148	C2750	383276,924	7626276,395
C2562	388742,527	7627575,915	C2625	389787,096	7619110,730	C2688	388755,141	7621852,348	C2751	383568,394	7626030,163
C2563	388783,077	7627440,749	C2626	389819,198	7619011,045	C2689	388649,525	7622012,319	C2752	383758,471	7625987,924
C2564	388729,011	7627200,829	C2627	389887,908	7619031,884	C2690	388625,232	7622193,266	C2753	383826,054	7625925,410
C2565	388731,477	7627053,482	C2628	389976,329	7618985,139	C2691	388792,687	7622358,469	C2754	383477,606	7625727,837
C2566	388404,802	7626513,602	C2629	389993,224	7618901,223	C2692	388537,374	7622616,786	C2755	383740,730	7625767,857
C2567	388414,750	7626425,878	C2630	389967,881	7618847,157	C2693	388491,568	7623351,188	C2756	383466,903	7625823,299
C2568	388584,834	7625921,821	C2631	390069,255	7618768,310	C2694	388417,226	7623590,733	C2757	382997,508	7626203,322
C2569	388664,244	7625489,853	C2632	390083,898	7618672,567	C2695	388455,523	7623811,504	C2758	382947,052	7626193,630
C2570	388726,195	7625398,053	C2633	390031,507	7618618,707	C2696	388460,780	7623952,677	C2759	382875,245	7626246,429
C2571	388794,341	7625351,308	C2634	390203,858	7618372,386	C2697	388686,807	7624181,708	C2760	382858,421	7626348,018
C2572	388893,463	7625241,486	C2635	390216,812	7618285,655	C2698	388726,606	7624545,906	C2761	382713,958	7626390,881
C2573	388967,804	7625100,124	C2636	390178,514	7618232,715	C2699	388774,665	7624628,507	C2762	382575,845	7626384,531
C2574	388998,216	7624575,230	C2637	390203,295	7617973,083	C2700	388755,141	7625030,251	C2763	382445,670	7626325,000
C2575	388941,897	7624477,234	C2638	390305,233	7617695,993	C2701	388658,272	7625173,677	C2764	382288,608	7626345,922
C2576	388896,842	7624081,874	C2639	390365,494	7617188,557	C2702	388576,422	7625233,750	C2765	382019,778	7626272,332
C2577	388678,324	7623861,666	C2640	390259,614	7616638,319	C2703	388458,527	7625396,701	C2766	381869,593	7626164,199
C2578	388675,508	7623805,910	C2641	390121,632	7616388,262	C2704	388377,427	7625847,254	C2767	381789,244	7626133,411
C2579	388641,153	7623609,356	C2642	390127,264	7616259,291	C2705	388202,463	7626361,636	C2768	381715,654	7626141,671
C2580	388707,610	7623398,722	C2643	390103,610	7616047,531	C2706	388160,930	7626546,181	C2769	381514,070	7626291,397
C2581	388729,574	7623070,382	C2644	390074,887	7615907,296	C2707	388171,562	7626613,422	C2770	381063,749	7626194,031
C2582	389053,972	7622941,974	C2645	390059,118	7615666,813	C2708	388507,337	7627114,811	C2771	381046,582	7625974,967
C2583	389107,476	7622869,885	C2646	389976,892	7615620,068	C2709	388490,696	7627231,585	C2772	381088,634	7625872,090
C2584	389086,074	7622781,464	C2647	389905,930	7615631,332	C2710	388550,247	7627448,398	C2773	381099,272	7625697,376
C2585	389004,412	7622728,524	C2648	389846,231	7615680,330	C2711	388513,146	7627572,393	C2774	381048,209	7625334,930
C2586	388743,654	7622825,956	C2649	389856,369	7615929,261	C2712	388545,248	7627690,100	C2775	381027,184	7625102,645
C2587	388753,228	7622664,884	C2650	389907,056	7616254,222	C2713	388528,916	7627759,936	C2776	380948,125	7624927,865
C2588	388833,201	7622404,126	C2651	389903,677	7616352,781	C2714	388534,548	7627862,437	C2777	381025,516	7624868,333
C2589	388841,649	7622239,111	C2652	389671,642	7616505,406	C2715	388398,255	7627915,940	C2778	381016,917	7624755,885
C2590	388870,372	7622098,876	C2653	389501,558	7616398,962	C2716	388121,728	7627870,322	C2779	380936,219	7624701,645
C2591	388950,345	7621956,952	C2654	389415,390	7616419,801	C2717	388055,271	7627889,470	C2780	380872,058	7624684,447
C2592	388986,389	7621858,956	C2655	389371,461	7616482,315	C2718	387936,626	7628034,961	C2781	380848,113	7624587,874
C2593	389011,733	7621735,054	C2656	389374,277	7616574,678	C2719	387748,644	7628132,628	C2782	380602,165	7624401,501
C2594	389002,159	7621127,933	C2657	389604,962	7616731,236	C2720	387231,321	7627903,764	C2783	380414,857	7624286,910
C2595	389117,613	7621123,428	C2658	389691,917	7616958,775	C2721	387085,138	7627887,228	C2784	380340,112	7624166,524

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C2785	380157,549	7624080,535	C2848	383658,258	7630609,406	C2911	383998,877	7635276,736	C2974	383737,153	7642392,225
C2786	380046,424	7624071,274	C2849	383656,670	7630691,427	C2912	384054,439	7635879,987	C2975	383755,409	7642475,569
C2787	379802,105	7624150,648	C2850	383706,941	7630775,565	C2913	383981,149	7636237,969	C2976	383943,529	7642580,344
C2788	379314,518	7624419,996	C2851	383743,983	7631088,303	C2914	384039,358	7636314,037	C2977	384020,523	7642754,175
C2789	379434,375	7624423,171	C2852	383693,712	7631207,895	C2915	384034,634	7636597,279	C2978	384012,585	7642813,707
C2790	379507,334	7624356,033	C2853	383715,937	7631387,812	C2916	384001,693	7636627,838	C2979	383858,597	7642958,170
C2791	379588,032	7624344,457	C2854	383673,075	7631445,491	C2917	383967,959	7636737,376	C2980	383717,309	7643039,926
C2792	379739,837	7624401,673	C2855	383688,420	7631522,750	C2918	383980,488	7636843,205	C2981	383711,753	7643125,651
C2793	379831,780	7624415,233	C2856	383737,215	7631581,445	C2919	384014,222	7636874,955	C2982	383744,297	7643455,852
C2794	379978,161	7624328,582	C2857	383759,329	7631798,975	C2920	383997,024	7637007,908	C2983	383766,522	7643541,577
C2795	380114,422	7624309,400	C2858	383883,154	7631900,575	C2921	384038,035	7637068,101	C2984	383854,628	7643571,740
C2796	380236,659	7624436,400	C2859	383813,304	7631989,476	C2922	383911,999	7637308,083	C2985	383723,659	7643970,997
C2797	380580,923	7624473,008	C2860	383693,183	7631983,655	C2923	383858,118	7637338,638	C2986	383683,178	7644159,909
C2798	380780,016	7625105,538	C2861	383313,770	7632093,192	C2924	383786,680	7637517,894	C2987	383660,953	7644406,766
C2799	380720,583	7625145,485	C2862	383146,664	7632164,588	C2925	383758,238	7637671,352	C2988	383740,328	7644551,229
C2800	380607,474	7625322,095	C2863	382853,505	7632344,505	C2926	383850,842	7637876,405	C2989	383837,960	7644586,154
C2801	380631,286	7625394,194	C2864	382629,667	7632297,938	C2927	383843,566	7638098,655	C2990	383964,960	7644751,254
C2802	380700,739	7625451,079	C2865	382558,229	7632339,742	C2928	383807,847	7638269,973	C2991	384158,635	7644906,036
C2803	380794,005	7625418,668	C2866	382533,887	7632423,880	C2929	383654,388	7638742,917	C2992	384352,311	7645008,430
C2804	380852,214	7625545,006	C2867	382582,571	7632509,076	C2930	383678,201	7638949,954	C2993	384727,755	7645412,450
C2805	380876,423	7625698,730	C2868	382870,438	7632567,285	C2931	383711,274	7639645,809	C2994	385253,219	7645895,844
C2806	380862,665	7625813,030	C2869	383026,013	7632506,430	C2932	383848,857	7640364,816	C2995	385289,663	7646034,976
C2807	380829,747	7625920,457	C2870	383380,556	7632301,113	C2933	383928,894	7640557,962	C2996	385277,825	7646116,507
C2808	380820,244	7626303,779	C2871	383635,916	7632245,764	C2934	383928,976	7640752,246	C2997	385318,306	7646172,070
C2809	380843,086	7626442,210	C2872	383691,549	7632270,695	C2935	383867,461	7640998,706	C2998	385302,431	7646443,533
C2810	380958,444	7626493,010	C2873	383759,415	7632257,201	C2936	383797,611	7641031,646	C2999	385281,794	7646514,970
C2811	381065,760	7626464,711	C2874	383802,721	7632209,609	C2937	383775,782	7641102,687	C3000	385284,175	7646694,358
C2812	381117,081	7626438,734	C2875	383904,850	7632188,972	C2938	383807,136	7641268,978	C3001	385372,281	7646842,790
C2813	381544,762	7626521,850	C2876	383977,346	7632388,997	C2939	383860,714	7641312,237	C3002	385302,431	7647023,765
C2814	381796,518	7626382,087	C2877	383974,171	7632485,306	C2940	383867,858	7641431,300	C3003	385192,100	7647624,635
C2815	381916,342	7626474,114	C2878	384182,134	7632741,952	C2941	383840,325	7641579,778	C3004	385165,906	7648051,674
C2816	382261,860	7626569,153	C2879	384146,214	7633505,056	C2942	383554,326	7641805,378	C3005	385065,893	7648385,049
C2817	382412,332	7626574,250	C2880	383947,777	7633513,523	C2943	383546,935	7641737,247	C3006	385055,575	7648698,581
C2818	382504,408	7626602,019	C2881	383381,118	7633402,081	C2944	383264,606	7641681,685	C3007	385130,981	7648819,231
C2819	382734,096	7626604,211	C2882	383283,540	7633387,158	C2945	383296,886	7641594,240	C3008	385009,537	7649040,688
C2820	382979,434	7626539,710	C2883	383203,854	7633456,915	C2946	383236,197	7641516,518	C3009	385090,500	7649455,026
C2821	382991,756	7626729,240	C2884	383222,773	7633408,867	C2947	383214,837	7641503,289	C3010	384984,431	7649640,764
C2822	383025,125	7626787,953	C2885	383303,207	7633658,609	C2948	383079,927	7641540,529	C3011	385017,475	7649923,340
C2823	383082,571	7626809,495	C2886	383429,678	7633632,680	C2949	382957,061	7641429,867	C3012	384963,499	7649981,284
C2824	383128,019	7627010,983	C2887	383812,345	7633706,695	C2950	382873,717	7641439,127	C3013	384979,374	7650170,197
C2825	383200,792	7627038,318	C2888	383828,220	7633818,614	C2951	382819,477	7641492,706	C3014	384894,443	7650174,959
C2826	383315,093	7627343,118	C2889	383755,195	7633873,383	C2952	382809,555	7641565,466	C3015	384834,912	7650250,365
C2827	383218,784	7627420,377	C2890	383755,195	7633978,952	C2953	382882,316	7641666,670	C3016	384824,593	7650517,066
C2828	383185,976	7627521,977	C2891	383985,383	7634213,109	C2954	382673,956	7641920,670	C3017	384842,849	7650588,504
C2829	383188,911	7627749,237	C2892	384140,958	7634275,022	C2955	382525,789	7641875,691	C3018	384950,006	7650698,835
C2830	383679,552	7628390,561	C2893	383978,239	7634535,372	C2956	382456,336	7641906,779	C3019	384946,407	7650870,651
C2831	383547,204	7628471,192	C2894	383977,051	7634537,815	C2957	382427,232	7641973,587	C3020	384955,086	7651054,784
C2832	383531,153	7628570,032	C2895	383660,025	7634485,855	C2958	382435,831	7642054,946	C3021	384897,936	7651326,247
C2833	383582,263	7628639,727	C2896	383249,920	7634387,959	C2959	382561,508	7642113,155	C3022	384878,885	7651401,653
C2834	383770,177	7628680,854	C2897	383017,747	7634357,532	C2960	382535,711	7642382,369	C3023	384899,523	7651470,710
C2835	383825,210	7628739,063	C2898	382949,617	7634394,573	C2961	382509,914	7642459,760	C3024	384908,254	7651708,041
C2836	384037,936	7628749,646	C2899	382886,778	7634555,308	C2962	382552,247	7642551,703	C3025	384898,729	7651781,860
C2837	384074,977	7628897,813	C2900	382846,429	7634765,652	C2963	382772,514	7642561,625	C3026	384924,923	7651854,092
C2838	384137,419	7629044,922	C2901	382910,591	7634843,704	C2964	382838,659	7642487,541	C3027	384832,848	7651941,404
C2839	384114,136	7629279,872	C2902	382989,305	7634841,720	C2965	382822,123	7642391,629	C3028	384793,160	7651858,060
C2840	384138,478	7629574,089	C2903	383056,112	7634796,079	C2966	382755,977	7642346,650	C3029	384635,204	7651714,391
C2841	384047,461	7629612,190	C2904	383104,399	7634583,751	C2967	382772,514	7642166,072	C3030	384487,037	7651667,560
C2842	384029,469	7629705,323	C2905	383385,519	7634647,251	C2968	382830,722	7642119,108	C3031	384215,838	7651615,305
C2843	384120,221	7629899,263	C2906	383645,473	7634698,845	C2969	382845,274	7642053,624	C3032	383875,848	7651672,852
C2844	384124,984	7630026,263	C2907	383688,468	7634778,220	C2970	382932,289	7641949,311	C3033	383757,447	7651619,273
C2845	383919,402	7630238,724	C2908	383792,978	7634808,647	C2971	383006,902	7642005,668	C3034	383662,197	7651678,143
C2846	383736,575	7630466,531	C2909	383813,483	7634905,882	C2972	383200,577	7642058,849	C3035	383662,858	7651788,607
C2847	383719,641	7630561,781	C2910	383906,176	7634959,195	C2973	383402,984	7642199,343	C3036	383750,171	7651863,352

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C3037	383705,853	7652000,936	C3100	388930,635	7656315,439	C3163	384198,665	7655626,737	C3226	384948,760	7660232,481
C3038	383742,895	7652070,389	C3101	388883,671	7656385,553	C3164	384168,899	7655569,852	C3227	384923,625	7660309,872
C3039	383845,421	7652129,920	C3102	388875,733	7656557,533	C3165	384112,014	7655545,378	C3228	384957,359	7660389,908
C3040	383968,452	7652075,681	C3103	389002,734	7656739,434	C3166	384075,634	7655548,685	C3229	385045,333	7660420,997
C3041	383949,932	7651962,571	C3104	389068,880	7656771,184	C3167	383914,899	7655456,081	C3230	385152,490	7660369,403
C3042	383974,406	7651879,227	C3105	389181,328	7656951,101	C3168	383835,524	7655477,909	C3231	385302,641	7660360,804
C3043	384221,791	7651833,586	C3106	389192,573	7657033,784	C3169	383793,190	7655544,055	C3232	385606,251	7660235,788
C3044	384530,429	7651913,623	C3107	389154,869	7657091,992	C3170	383805,758	7655636,659	C3233	385772,939	7660437,533
C3045	384622,504	7652000,142	C3108	389183,312	7657269,263	C3171	383964,508	7655730,586	C3234	386001,143	7660624,065
C3046	384659,810	7652185,880	C3109	389242,844	7657330,779	C3172	383981,706	7655794,087	C3235	386385,451	7660602,898
C3047	384736,010	7652242,236	C3110	389300,391	7657549,722	C3173	384037,930	7655833,113	C3236	386689,061	7660807,951
C3048	384970,167	7652273,986	C3111	389267,063	7657625,016	C3174	384101,430	7655834,436	C3237	386985,659	7660809,935
C3049	384963,944	7652377,229	C3112	389165,453	7657698,551	C3175	384206,603	7655932,332	C3238	387117,951	7660779,508
C3050	384896,348	7652412,893	C3113	389136,761	7657919,394	C3176	384329,634	7656014,353	C3239	387180,790	7660745,112
C3051	384881,332	7652497,649	C3114	389159,665	7658040,919	C3177	384496,892	7655959,729	C3240	387213,201	7660679,628
C3052	384791,179	7652570,533	C3115	388865,263	7658064,878	C3178	384588,265	7656082,483	C3241	387208,571	7660483,836
C3053	384694,735	7652580,374	C3116	388787,872	7658109,195	C3179	384665,656	7656101,665	C3242	387172,191	7660424,966
C3054	384646,316	7652694,674	C3117	388680,716	7658090,013	C3180	384743,708	7656057,348	C3243	387094,139	7660403,799
C3055	384742,640	7652829,235	C3118	388325,512	7657944,492	C3181	384805,224	7655895,951	C3244	387025,347	7660438,195
C3056	384646,316	7652893,906	C3119	388273,257	7657855,856	C3182	385074,438	7656197,577	C3245	386902,977	7660597,607
C3057	384617,741	7652992,331	C3120	388169,407	7657791,695	C3183	385253,032	7656198,238	C3246	386755,471	7660594,961
C3058	384689,179	7653071,706	C3121	388030,501	7657757,299	C3184	385288,751	7656319,947	C3247	386561,002	7660463,992
C3059	384601,072	7653251,094	C3122	387643,547	7657725,549	C3185	385354,897	7656369,556	C3248	386523,299	7660410,414
C3060	384591,944	7653373,663	C3123	387580,708	7657693,799	C3186	385549,366	7656350,374	C3249	386463,768	7660381,971
C3061	384515,876	7653523,814	C3124	387446,432	7657707,689	C3187	385619,480	7656396,676	C3250	386072,183	7660406,445
C3062	384544,319	7653600,543	C3125	387302,895	7657449,059	C3188	385643,293	7656566,010	C3251	385955,766	7660307,226
C3063	384605,835	7653638,247	C3126	387279,083	7657362,407	C3189	385839,211	7656678,651	C3252	385965,688	7659982,449
C3064	384695,793	7653628,986	C3127	387212,937	7657318,751	C3190	385809,319	7656849,115	C3253	386011,991	7659928,871
C3065	384792,367	7653454,361	C3128	387140,838	7657328,012	C3191	385847,684	7656923,860	C3254	386003,392	7659853,464
C3066	384892,247	7653419,965	C3129	387044,265	7657168,600	C3192	385931,689	7656941,719	C3255	386357,273	7659629,891
C3067	384917,250	7653247,324	C3130	386917,926	7657145,449	C3193	386171,138	7656852,422	C3256	386400,929	7659715,219
C3068	385128,653	7653245,207	C3131	386753,884	7656856,391	C3194	386198,258	7656790,245	C3257	386480,965	7659744,324
C3069	385190,168	7653411,895	C3132	386437,045	7656733,598	C3195	386349,070	7656748,573	C3258	386076,216	7659698,021
C3070	385061,845	7653461,505	C3133	386374,206	7656518,385	C3196	386473,425	7656876,235	C3259	387039,899	7659721,173
C3071	385053,246	7653573,291	C3134	386120,867	7656587,177	C3197	386514,435	7657310,814	C3260	387101,415	7659659,657
C3072	385129,976	7653652,005	C3135	385839,085	7656431,072	C3198	386581,243	7657359,762	C3261	387107,368	7659569,698
C3073	385319,153	7653602,396	C3136	385823,871	7656505,395	C3199	386585,634	7657343,225	C3262	386806,404	7659166,208
C3074	385369,424	7653547,494	C3137	385800,059	7656256,447	C3200	386847,811	7657371,006	C3263	386832,201	7658977,030
C3075	385628,055	7653644,068	C3138	385606,913	7656131,431	C3201	386917,264	7657369,022	C3264	386721,075	7658535,837
C3076	385883,378	7653689,047	C3139	385460,730	7656143,337	C3202	386966,650	7657489,685	C3265	386781,930	7658461,092
C3077	386080,493	7653697,646	C3140	385440,886	7656072,561	C3203	386908,004	7657503,298	C3266	386930,097	7658487,550
C3078	386356,983	7653753,208	C3141	385446,839	7655904,550	C3204	386856,410	7657564,153	C3267	387199,311	7658428,680
C3079	386524,994	7653927,834	C3142	385408,475	7655847,003	C3205	386861,702	7657668,002	C3268	387250,243	7658367,165
C3080	386873,583	7654214,246	C3143	385341,667	7655819,884	C3206	387021,775	7657761,268	C3269	387238,337	7657998,732
C3081	387177,855	7654294,944	C3144	385266,922	7655848,988	C3207	387056,873	7657873,993	C3270	387297,207	7657898,190
C3082	387415,319	7654440,465	C3145	385169,688	7655985,248	C3208	387024,421	7657944,492	C3271	387358,722	7657918,695
C3083	387773,168	7654516,533	C3146	384948,099	7655735,217	C3209	387031,697	7658248,102	C3272	387994,385	7657967,643
C3084	388025,184	7654510,580	C3147	385007,630	7655639,305	C3210	386920,572	7658271,253	C3273	388121,385	7658011,961
C3085	388217,669	7654544,976	C3148	385028,135	7655580,435	C3211	386747,269	7658235,534	C3274	388182,901	7658119,117
C3086	388683,337	7654578,710	C3149	385184,901	7655333,711	C3212	386680,462	7658258,024	C3275	388645,261	7658304,326
C3087	388707,149	7654716,955	C3150	385167,042	7655257,643	C3213	386505,836	7658438,602	C3276	388731,913	7658320,201
C3088	388668,123	7654774,502	C3151	385113,464	7655210,679	C3214	386491,284	7658499,457	C3277	388849,652	7658322,847
C3089	388680,691	7654919,362	C3152	385016,891	7655210,679	C3215	386614,977	7658998,859	C3278	388938,950	7658272,576
C3090	388641,665	7655033,794	C3153	384824,406	7655505,690	C3216	386592,488	7659156,286	C3279	389250,141	7658260,509
C3091	388631,082	7655109,862	C3154	384806,546	7655558,607	C3217	386437,045	7659412,271	C3280	389275,409	7658434,911
C3092	388651,921	7655165,793	C3155	384754,291	7655641,289	C3218	386278,294	7659424,839	C3281	389022,857	7658423,426
C3093	388773,295	7655267,951	C3156	384626,009	7655671,862	C3219	386058,028	7659549,193	C3282	388906,573	7658434,539
C3094	388826,874	7655518,644	C3157	384616,708	7655563,899	C3220	385985,268	7659553,162	C3283	388852,201	7658503,992
C3095	388857,301	7655558,332	C3158	384558,499	7655508,336	C3221	385836,439	7659631,214	C3284	388858,948	7658587,733
C3096	388889,712	7655734,942	C3159	384483,754	7655503,044	C3222	385482,558	7660004,277	C3285	388928,004	7658645,677
C3097	388888,389	7655830,192	C3160	384420,254	7655546,701	C3223	385447,501	7660074,392	C3286	389031,309	7658639,411
C3098	389063,588	7656094,511	C3161	384407,025	7655598,295	C3224	385245,094	7660153,106	C3287	389262,026	7658674,336
C3099	388943,202	7656134,199	C3162	384303,837	7655589,034	C3225	385101,557	7660159,059	C3288	389373,151	7658677,511

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
 La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C3289	389408,076	7658937,332	C3352	387160,789	7662788,392	C3415	387775,197	7666410,501	C3478	386335,561	7672664,875
C3290	389196,938	7658986,016	C3353	387047,018	7662801,092	C3416	387770,434	7667354,007	C3479	386403,030	7672493,822
C3291	389114,917	7658981,782	C3354	386980,343	7662955,609	C3417	387793,189	7667432,324	C3480	386377,233	7672364,837
C3292	389015,434	7658951,091	C3355	386850,168	7663000,059	C3418	387773,609	7667496,353	C3481	386274,442	7672250,140
C3293	388897,429	7658957,441	C3356	386792,488	7662936,559	C3419	387621,738	7667784,220	C3482	386318,098	7672182,274
C3294	388853,508	7659054,808	C3357	386780,847	7662796,859	C3420	387664,072	7667993,771	C3483	386298,254	7672028,287
C3295	388885,788	7659143,708	C3358	386717,876	7662751,879	C3421	387653,488	7668172,629	C3484	386200,623	7671936,211
C3296	389072,055	7659191,862	C3359	386632,680	7662754,525	C3422	387709,580	7668289,575	C3485	386181,573	7671823,895
C3297	389218,105	7659199,799	C3360	386573,413	7662804,267	C3423	387825,997	7668379,005	C3486	386287,142	7671627,045
C3298	389367,330	7659183,924	C3361	386580,292	7663010,113	C3424	387756,147	7668570,034	C3487	386398,664	7671236,916
C3299	389468,930	7659233,666	C3362	386631,092	7663078,905	C3425	387851,926	7668929,868	C3488	386475,658	7671054,353
C3300	389537,722	7659378,129	C3363	386262,527	7663329,334	C3426	387826,526	7669174,873	C3489	386466,530	7670911,875
C3301	389511,799	7659445,724	C3364	386142,406	7663349,442	C3427	388021,260	7669533,649	C3490	386412,158	7670862,265
C3302	389536,156	7659575,929	C3365	385796,330	7663220,325	C3428	388060,947	7669734,732	C3491	386039,491	7670732,884
C3303	389351,455	7659616,254	C3366	385330,133	7663414,000	C3429	388231,339	7670021,541	C3492	385837,482	7670755,506
C3304	389304,359	7659687,163	C3367	385251,816	7663364,788	C3430	388088,464	7670075,517	C3493	385728,341	7670688,831
C3305	389643,027	7660081,393	C3368	385154,979	7663397,596	C3431	388053,010	7670140,075	C3494	385579,512	7670662,240
C3306	389395,376	7659970,268	C3369	385120,583	7663479,617	C3432	388089,523	7670539,067	C3495	385448,543	7670664,224
C3307	389487,451	7659976,618	C3370	385148,629	7663543,647	C3433	388012,264	7670816,880	C3496	385398,537	7670719,390
C3308	389576,351	7660046,997	C3371	384978,237	7663632,547	C3434	387926,539	7670993,623	C3497	385390,996	7670790,828
C3309	389643,027	7660081,393	C3372	384557,548	7663591,272	C3435	387875,739	7671133,852	C3498	385433,065	7670864,647
C3310	389650,964	7660488,852	C3373	384548,023	7663365,317	C3436	387887,380	7671254,502	C3499	385655,713	7670890,841
C3311	389626,093	7660550,236	C3374	384482,407	7663314,517	C3437	387928,656	7671493,686	C3500	385781,522	7670971,803
C3312	389637,206	7660619,027	C3375	384408,323	7663313,988	C3438	387822,293	7671614,336	C3501	386018,854	7670948,388
C3313	389693,827	7660662,419	C3376	384340,590	7663364,259	C3439	387866,717	7671893,208	C3502	386253,408	7671034,906
C3314	389734,366	7660920,568	C3377	384335,827	7663594,976	C3440	387690,530	7672478,996	C3503	386199,036	7671154,366
C3315	389766,852	7661043,420	C3378	384236,344	7663768,543	C3441	387753,501	7672565,251	C3504	386085,132	7671553,623
C3316	389638,793	7661097,395	C3379	384261,215	7663895,543	C3442	387782,605	7672706,538	C3505	385962,894	7671785,399
C3317	389618,685	7661178,358	C3380	384333,710	7663944,226	C3443	387794,776	7673072,193	C3506	385987,104	7671959,230
C3318	389642,497	7661255,484	C3381	384431,077	7663927,293	C3444	387788,426	7673341,540	C3507	386034,729	7672133,062
C3319	389543,940	7661282,604	C3382	384487,698	7663799,235	C3445	387885,793	7673563,790	C3508	385988,691	7672198,943
C3320	389395,773	7661187,353	C3383	385050,204	7663856,914	C3446	387820,705	7673847,953	C3509	385995,041	7672272,762
C3321	389304,425	7661205,874	C3384	385122,170	7663943,168	C3447	387877,855	7674081,316	C3510	386179,589	7672317,200
C3322	389264,804	7661277,973	C3385	385228,533	7663932,585	C3448	387759,322	7674206,729	C3511	386094,657	7672614,075
C3323	389278,033	7661365,948	C3386	385372,996	7663721,447	C3449	387705,876	7674446,971	C3512	386064,892	7672734,329
C3324	389502,268	7661510,807	C3387	385712,192	7663743,143	C3450	387841,343	7674656,522	C3513	386066,082	7672847,041
C3325	389787,163	7661555,245	C3388	385876,234	7663617,201	C3451	387781,018	7674709,967	C3514	385988,691	7673012,142
C3326	389808,069	7661645,781	C3389	386085,256	7663592,330	C3452	387675,184	7674943,330	C3515	385939,082	7673260,586
C3327	389678,216	7661726,443	C3390	386180,506	7663718,801	C3453	387572,526	7674981,960	C3516	385987,898	7673369,330
C3328	389667,633	7661812,433	C3391	386292,689	7663739,968	C3454	387515,905	7675081,972	C3517	386052,191	7673464,977
C3329	389777,435	7662017,485	C3392	386505,415	7663617,201	C3455	387417,215	7675036,067	C3518	386071,638	7673560,624
C3330	389735,102	7662127,949	C3393	386540,340	7663529,888	C3456	387109,239	7675115,971	C3519	386058,541	7673688,815
C3331	389653,081	7662073,048	C3394	386491,656	7663432,521	C3457	387059,498	7675163,067	C3520	386097,471	7673807,340
C3332	389562,461	7662089,584	C3395	386818,418	7663211,726	C3458	386907,097	7675131,317	C3521	386050,211	7674123,208
C3333	389524,758	7662139,194	C3396	386896,734	7663224,426	C3459	386751,522	7675176,826	C3522	385930,461	7674150,273
C3334	389498,201	7662356,363	C3397	387398,984	7663034,697	C3460	386548,322	7675181,588	C3523	385800,493	7673983,523
C3335	389337,432	7662340,410	C3398	387485,234	7663122,808	C3461	386461,009	7674922,296	C3524	385511,038	7673905,735
C3336	389287,558	7662283,128	C3399	387462,591	7663236,068	C3462	386468,946	7674859,854	C3525	385470,821	7673764,447
C3337	389206,860	7662276,513	C3400	387352,656	7663220,590	C3463	386561,551	7674739,733	C3526	385418,963	7673650,676
C3338	389146,006	7662315,539	C3401	387297,888	7663265,437	C3464	386556,259	7674662,475	C3527	385104,637	7673470,230
C3339	388921,771	7662246,086	C3402	387280,028	7663338,462	C3465	386449,367	7674442,341	C3528	385041,137	7673462,293
C3340	388809,323	7662251,377	C3403	387314,159	7663420,218	C3466	386346,179	7674244,961	C3529	384901,966	7673308,305
C3341	388618,161	7662318,185	C3404	387454,257	7663452,365	C3467	386280,563	7674222,736	C3530	384802,483	7673323,122
C3342	388444,197	7662417,404	C3405	387483,625	7663563,490	C3468	386263,629	7674161,882	C3531	384704,057	7673403,026
C3343	388254,182	7662404,481	C3406	387982,498	7664132,213	C3469	386299,084	7673966,619	C3532	384625,741	7673231,576
C3344	388045,690	7662353,151	C3407	388018,614	7664365,179	C3470	386314,429	7673763,419	C3533	384500,857	7673127,859
C3345	387858,232	7662491,000	C3408	387711,168	7664813,473	C3471	386274,045	7673666,590	C3534	384310,357	7672881,796
C3346	387776,211	7662482,533	C3409	387674,655	7664991,273	C3472	386288,729	7673550,702	C3535	383951,052	7672678,595
C3347	387690,486	7662564,025	C3410	387492,092	7665327,295	C3473	386248,645	7673377,664	C3536	383657,893	7672552,653
C3348	387741,286	7662704,783	C3411	387525,959	7665610,399	C3474	386158,157	7673237,170	C3537	383630,376	7672398,666
C3349	387677,257	7662790,509	C3412	387607,980	7665734,224	C3475	386189,907	7673081,992	C3538	383610,797	7672161,069
C3350	387403,677	7662722,246	C3413	387813,297	7666207,300	C3476	386280,792	7672883,554	C3539	383530,892	7672034,598
C3351	387218,468	7662852,421	C3414	387818,059	7666282,442	C3477	386277,220	7672749,013	C3540	383367,380	7671865,794

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
C3541	383252,021	7671809,702	C3604	387423,565	7675475,805	C3667	384472,271	7686533,309	D56	420695,160	7671028,034
C3542	382892,187	7671476,326	C3605	387320,648	7675626,368	C3668	384334,158	7686547,067	D57	420829,437	7671014,474
C3543	382524,415	7671431,876	C3606	387388,779	7676202,500	C3669	384218,270	7686698,938	D58	420974,958	7670933,776
C3544	382460,915	7671500,668	C3607	387298,820	7676399,615	C3670	384221,445	7686787,309	D59	421010,346	7670874,906
C3545	382461,445	7671595,389	C3608	387263,763	7676689,334	C3671	384281,770	7686923,305	D60	420990,752	7670647,152
C3546	382540,820	7671655,714	C3609	387271,039	7677045,199	C3672	384371,729	7686953,468	D61	421018,614	7670606,022
C3547	382797,466	7671679,527	C3610	387233,336	7677207,918	C3673	384629,434	7686819,059	D62	421219,201	7670520,558
C3548	383123,433	7671981,681	C3611	387225,398	7677623,315	C3674	384713,571	7686726,984	D63	421341,406	7670160,199
C3549	383238,263	7672042,007	C3612	387196,955	7677790,003	D1	422267,781	7679423,941	D64	421424,089	7670007,732
C3550	383387,488	7672207,636	C3613	387273,023	7678020,191	D2	422390,812	7679438,493	D65	421579,201	7669894,953
C3551	383417,121	7672427,241	C3614	387341,815	7678108,826	D3	422440,091	7679483,142	D66	421682,720	7669779,198
C3552	383456,809	7672659,545	C3615	387367,612	7678219,290	D4	422513,182	7679487,110	D67	421831,217	7669680,640
C3553	383494,880	7672714,050	C3616	387330,570	7678469,983	D5	422576,021	7679444,446	D68	422065,374	7669496,093
C3554	383812,939	7672850,046	C3617	387329,247	7679042,146	D6	422593,550	7679374,332	D69	422114,322	7669527,182
C3555	384177,535	7673059,067	C3618	387280,961	7679302,761	D7	422557,831	7679256,923	D70	422176,830	7669516,929
C3556	384338,402	7673272,321	C3619	387329,909	7679461,511	D8	422576,682	7679214,920	D71	422223,794	7669485,510
C3557	384454,290	7673369,159	C3620	387400,685	7679605,710	D9	422569,406	7679159,357	D72	422248,929	7669421,017
C3558	384550,070	7673594,585	C3621	387273,023	7679796,871	D10	422530,049	7679105,779	D73	422233,385	7669367,439
C3559	384834,233	7673650,147	C3622	387379,518	7680012,507	D11	422461,258	7679088,581	D74	422330,619	7669290,710
C3560	384882,916	7673862,873	C3623	387378,857	7680270,476	D12	422345,171	7679090,235	D75	422409,333	7669160,072
C3561	384632,620	7673839,589	C3624	387313,372	7680436,503	D13	422529,182	7678613,984	D76	422520,128	7669126,999
C3562	384472,811	7673885,627	C3625	387239,289	7680751,358	D14	422268,773	7678383,465	D77	422602,541	7669049,597
C3563	384369,094	7673965,002	C3626	387219,445	7680917,384	D15	422264,473	7678305,413	D78	422634,159	7668886,221
C3564	384236,273	7673977,173	C3627	387126,841	7681255,390	D16	422330,289	7677906,883	D79	422732,621	7668818,532
C3565	384020,373	7673872,398	C3628	387003,148	7681251,421	D17	422315,406	7677857,935	D80	422776,443	7668700,357
C3566	383824,581	7673850,702	C3629	386815,955	7681124,421	D18	422076,950	7677618,818	D81	422766,521	7668664,308
C3567	383713,455	7673787,731	C3630	386243,131	7680988,822	D19	421962,186	7677455,106	D82	422893,261	7668084,949
C3568	383449,401	7673761,802	C3631	385966,640	7681065,551	D20	421907,285	7677431,955	D83	423019,165	7668077,444
C3569	383379,021	7673828,477	C3632	385827,073	7681056,952	D21	421557,704	7677429,971	D84	423096,590	7668174,827
C3570	383389,076	7673991,460	C3633	385659,723	7681143,603	D22	421400,607	7677088,327	D85	423267,908	7668231,382
C3571	383225,034	7674048,611	C3634	385495,681	7681148,895	D23	421144,872	7676932,623	D86	423454,439	7668943,444
C3572	383186,404	7674123,223	C3635	385386,540	7681241,499	D24	420948,169	7676694,428	D87	423508,679	7669106,493
C3573	383216,038	7674203,657	C3636	385078,300	7681248,177	D25	420961,757	7674803,645	D88	423544,398	7669144,527
C3574	383284,829	7674245,461	C3637	385121,957	7681930,740	D26	420691,853	7674681,275	D89	423779,547	7669259,621
C3575	383483,797	7674188,840	C3638	385187,441	7682036,574	D27	420757,668	7674614,799	D90	423887,695	7669280,127
C3576	383682,764	7674035,911	C3639	385170,905	7682240,965	D28	420772,551	7674566,512	D91	424029,909	7669352,226
C3577	383834,635	7674070,306	C3640	385285,999	7682327,616	D29	420766,267	7674412,061	D92	424089,771	7669363,801
C3578	383964,281	7674081,419	C3641	385334,947	7682436,095	D30	420736,502	7674360,137	D93	424231,985	7669658,812
C3579	384158,485	7674179,315	C3642	385319,071	7682621,966	D31	420481,509	7674240,412	D94	424267,373	7669988,550
C3580	384259,556	7674192,544	C3643	385424,905	7682785,346	D32	420512,267	7674070,087	D95	424233,970	7670059,987
C3581	384443,707	7674170,848	C3644	385500,973	7682836,278	D33	420522,850	7673936,141	D96	424233,970	7670174,420
C3582	384632,620	7674059,194	C3645	385618,051	7683015,534	D34	420505,652	7673878,594	D97	424357,993	7670337,470
C3583	384932,658	7674084,594	C3646	385589,608	7683067,128	D35	420440,498	7673834,938	D98	424490,285	7670416,845
C3584	385085,058	7674020,035	C3647	385370,665	7683215,956	D36	420383,282	7673654,029	D99	424541,218	7670510,441
C3585	385233,754	7673909,969	C3648	385330,978	7683278,795	D37	420396,181	7673615,995	D100	424648,374	7670557,736
C3586	385300,429	7674144,390	C3649	385364,712	7683469,957	D38	420382,951	7673549,518	D101	424699,968	7670754,520
C3587	385368,163	7674183,019	C3650	385265,493	7683594,973	D39	420328,050	7673480,726	D102	424748,254	7670880,528
C3588	385688,838	7674187,252	C3651	385311,134	7683911,812	D40	420626,369	7672962,142	D103	424804,809	7670953,619
C3589	385894,685	7674460,832	C3652	384947,993	7683886,015	D41	420684,577	7672943,952	D104	424835,567	7671045,893
C3590	386060,314	7674498,403	C3653	384700,607	7683960,098	D42	420725,257	7672870,530	D105	424822,007	7671157,349
C3591	386230,177	7674498,932	C3654	384558,393	7684096,359	D43	420715,004	7672824,227	D106	424829,945	7671368,685
C3592	386319,192	7674674,116	C3655	384525,320	7684215,422	D44	420774,866	7672730,300	D107	424779,197	7671451,865
C3593	386243,521	7674837,629	C3656	384565,007	7684457,516	D45	420774,536	7672668,784	D108	424872,609	7672011,624
C3594	386241,933	7674955,634	C3657	384545,825	7684728,715	D46	420714,343	7672530,209	D109	425004,901	7672685,982
C3595	386396,450	7675405,955	C3658	384473,726	7685027,694	D47	420811,908	7672307,297	D110	425006,885	7672800,746
C3596	386480,059	7675446,701	C3659	384535,242	7685236,054	D48	420816,650	7672195,230	D111	424983,073	7672962,472
C3597	386646,218	7675391,139	C3660	384526,643	7685458,966	D49	420526,819	7671780,775	D112	425037,312	7673223,418
C3598	386771,101	7675390,609	C3661	384582,867	7685548,263	D50	420348,225	7671682,548	D113	425100,812	7673461,874
C3599	386922,972	7675350,393	C3662	384602,049	7685693,123	D51	420288,032	7671512,884	D114	425124,294	7673497,924
C3600	387117,706	7675396,430	C3663	384569,638	7686155,483	D52	420340,287	7671277,404	D115	425303,881	7673652,044
C3601	387221,423	7675306,472	C3664	384424,117	7686271,900	D53	420486,470	7671151,727	D116	425527,454	7673755,893
C3602	387388,375	7675264,535	C3665	384408,242	7686351,937	D54	420512,082	7671057,157	D117	425530,761	7673850,482
C3603	387388,111	7675410,189	C3666	384470,154	7686440,175	D55	420581,720	7670985,039	D118	425563,834	7673983,105

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D119	425772,855	7674150,454	D182	428789,773	7675506,777	D245	425270,808	7671041,263	D308	421745,889	7660859,414
D120	425843,962	7674149,462	D183	428962,083	7675455,845	D246	425264,524	7670974,455	D309	421734,644	7660679,497
D121	425898,202	7674108,451	D184	429113,888	7675348,027	D247	425223,182	7670922,862	D310	421717,777	7660566,388
D122	425992,129	7673926,219	D185	429127,779	7675266,998	D248	425158,690	7670904,010	D311	421659,238	7660388,455
D123	426057,614	7673840,891	D186	429090,406	7675200,190	D249	425025,406	7670938,406	D312	421585,816	7660217,137
D124	426124,752	7673720,836	D187	428901,229	7675094,688	D250	424995,640	7670849,109	D313	421510,079	7660082,530
D125	426143,604	7673501,893	D188	428962,745	7674970,664	D251	424934,786	7670770,395	D314	421493,873	7659962,144
D126	426167,416	7673391,098	D189	428953,153	7674719,971	D252	424841,688	7670435,736	D315	421505,779	7659877,478
D127	426261,013	7673309,408	D190	428993,172	7674637,950	D253	424797,864	7670389,064	D316	421594,746	7659638,360
D128	426516,998	7673237,640	D191	428996,479	7674536,085	D254	424693,023	7670343,754	D317	421544,475	7659355,586
D129	426557,677	7673198,944	D192	429028,560	7674420,330	D255	424655,319	7670268,678	D318	421494,534	7659247,768
D130	426647,967	7672997,199	D193	428997,802	7674280,100	D256	424498,223	7670170,121	D319	421431,696	7659120,106
D131	427075,269	7672851,678	D194	428948,193	7674154,753	D257	424439,275	7670103,975	D320	421407,222	7659002,366
D132	427160,267	7672866,561	D195	428537,095	7673713,560	D258	424483,009	7670029,230	D321	421371,172	7658961,025
D133	427373,919	7672844,402	D196	428268,436	7673185,758	D259	424476,394	7669899,914	D322	421051,356	7658837,663
D134	427715,232	7672739,561	D197	428308,561	7673168,848	D260	424438,691	7669592,997	D323	420944,531	7658831,048
D135	427824,703	7672890,043	D198	428336,012	7673123,538	D261	424349,725	7669400,181	D324	420672,671	7658621,035
D136	427938,144	7673015,058	D199	428410,426	7672902,941	D262	424311,360	7669289,056	D325	420601,895	7658375,303
D137	428244,069	7673641,461	D200	428472,934	7672656,547	D263	424198,345	7669164,437	D326	420499,368	7658247,972
D138	428368,092	7673848,498	D201	428624,077	7672580,479	D264	424096,055	7669147,504	D327	420379,975	7658154,044
D139	428583,067	7674093,899	D202	428655,827	7672516,649	D265	424397,149	7669074,413	D328	419799,875	7657896,406
D140	428768,275	7674280,100	D203	428643,590	7672457,117	D266	423842,055	7669052,915	D329	419630,872	7657762,130
D141	428794,403	7674347,900	D204	428610,187	7672411,477	D267	423691,242	7668976,186	D330	418913,519	7657550,132
D142	428766,953	7674388,249	D205	428547,679	7672390,971	D268	423451,463	7668093,799	D331	418472,987	7657541,863
D143	428745,678	7674597,873	D206	428495,093	7672405,854	D269	423410,452	7668053,119	D332	418438,260	7657521,689
D144	428713,354	7674697,285	D207	428312,861	7672496,143	D270	423228,551	7667992,265	D333	418366,822	7657396,673
D145	428739,159	7674756,571	D208	428282,764	7672536,823	D271	422899,144	7667536,188	D334	418371,122	7657349,048
D146	428746,117	7674926,015	D209	428173,992	7672928,293	D272	422850,527	7667522,628	D335	418345,656	7657296,462
D147	428669,697	7675017,081	D210	427832,641	7672377,815	D273	422812,823	7667454,167	D336	418261,981	7657173,761
D148	428681,135	7675082,663	D211	427777,740	7672514,995	D274	422786,365	7667052,992	D337	418245,114	7657089,425
D149	428577,114	7675474,035	D212	427646,440	7672534,839	D275	422915,350	7667044,393	D338	418206,418	7657036,508
D150	428572,814	7675597,397	D213	427323,978	7672635,381	D276	422958,014	7667083,419	D339	418142,918	7657025,263
D151	428466,697	7676393,791	D214	427166,882	7672651,256	D277	422927,798	7667085,403	D340	418080,410	7656915,792
D152	428461,358	7675881,494	D215	427066,340	7672633,066	D278	423085,014	7667051,669	D341	417910,396	7656734,418
D153	428488,478	7676043,221	D216	426886,499	7672684,849	D279	423110,150	7666990,815	D342	417625,326	7656635,333
D154	428569,176	7676164,929	D217	426848,477	7672674,708	D280	423100,558	7666936,575	D343	417596,553	7656580,101
D155	428824,830	7676393,133	D218	426787,066	7672696,559	D281	423056,571	7666855,546	D344	417538,344	7656549,674
D156	428871,794	7676520,464	D219	426766,435	7672723,690	D282	422997,371	7666827,434	D345	417464,591	7656558,934
D157	428974,320	7676651,102	D220	426507,406	7672822,904	D283	422786,034	7666833,387	D346	417420,935	7656606,229
D158	428956,791	7676858,470	D221	426476,649	7672856,639	D284	422741,863	7666387,970	D347	417410,682	7656653,854
D159	428996,148	7676970,587	D222	426387,021	7673053,423	D285	422754,835	7666338,604	D348	417214,513	7656717,562
D160	429028,560	7677002,337	D223	426152,533	7673118,577	D286	422737,781	7666285,851	D349	417078,299	7656572,494
D161	429203,185	7677110,817	D224	425973,608	7673278,650	D287	422704,204	7666255,911	D350	416939,392	7656509,325
D162	429247,834	7677119,085	D225	425931,275	7673476,427	D288	422648,781	7666146,131	D351	416969,489	7656457,400
D163	429594,108	7677088,327	D226	425914,408	7673658,989	D289	422651,427	7666071,055	D352	416965,189	7656392,247
D164	429648,017	7677068,483	D227	425836,069	7673767,244	D290	422243,637	7665204,874	D353	416924,510	7656339,661
D165	429686,712	7677016,889	D228	425703,402	7673596,151	D291	422224,455	7664761,696	D354	416874,569	7656323,124
D166	429689,358	7676954,051	D229	425639,580	7673567,385	D292	422149,049	7664604,599	D355	416824,629	7656325,439
D167	429657,608	7676897,827	D230	425620,527	7673537,552	D293	422213,541	7664241,127	D356	416817,684	7656183,887
D168	429609,983	7676875,337	D231	425574,626	7673517,858	D294	422201,635	7663979,189	D357	416786,926	7656133,947
D169	429512,748	7676862,769	D232	425537,345	7673521,304	D295	422140,119	7663542,625	D358	416750,215	7656114,434
D170	429269,662	7676900,803	D233	425411,368	7673464,520	D296	422068,681	7663374,284	D359	416819,338	7655875,647
D171	429175,735	7676839,949	D234	425294,951	7673361,663	D297	422014,772	7663336,581	D360	416868,286	7655893,175
D172	429195,820	7676606,521	D235	425200,362	7672950,897	D298	421948,296	7663336,912	D361	416935,754	7655873,331
D173	429171,766	7676520,133	D236	425221,198	7672805,707	D299	421839,155	7663272,419	D362	416990,325	7655802,555
D174	429141,669	7676478,461	D237	425217,891	7672656,547	D300	421803,436	7663161,294	D363	417218,859	7655846,542
D175	429097,352	7676458,948	D238	425079,315	7671949,116	D301	421824,272	7663071,666	D364	417290,628	7655820,745
D176	428949,487	7676150,382	D239	425011,846	7671482,787	D302	421858,006	7662840,817	D365	417336,930	7655769,482
D177	428891,307	7676124,911	D240	425036,982	7671444,753	D303	421772,678	7662085,430	D366	417500,641	7655789,988
D178	428846,989	7676126,565	D241	425045,581	7671405,727	D304	421701,241	7661915,435	D367	417749,019	7655754,599
D179	428690,223	7675958,554	D242	425035,989	7671158,672	D305	421698,710	7661579,605	D368	417785,069	7655791,972
D180	428679,971	7675890,093	D243	425104,450	7671160,656	D306	421743,574	7661356,171	D369	417837,655	7655801,894
D181	428786,135	7675641,053	D244	425234,758	7671099,471	D307	421786,569	7661048,592	D370	417894,209	7655789,657

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D371	417935,551	7655744,016	D434	422024,593	7650391,334	D497	419529,038	7637630,189	D560	421485,900	7631006,068
D372	418538,471	7655704,329	D435	422104,762	7649997,633	D498	419518,984	7637754,279	D561	421435,629	7630976,434
D373	418718,374	7655648,771	D436	422117,197	7649904,235	D499	419311,367	7637896,778	D562	421379,521	7630972,432
D374	419157,267	7655719,542	D437	422111,376	7649786,759	D500	419253,341	7637810,106	D563	421008,591	7631228,583
D375	419327,262	7655772,128	D438	421880,924	7648473,365	D501	419246,727	7637612,991	D564	420246,854	7631619,109
D376	419708,924	7656023,483	D439	421794,934	7648335,517	D502	419198,308	7637366,135	D565	420013,756	7631778,917
D377	419772,456	7656154,203	D440	421699,458	7648238,613	D503	419199,631	7637305,016	D566	419724,830	7631858,557
D378	419780,690	7656227,352	D441	421654,175	7648238,415	D504	419318,165	7637073,240	D567	419237,129	7631881,057
D379	419853,181	7656256,654	D442	421475,052	7648122,792	D505	419463,686	7636896,763	D568	419204,321	7631795,332
D380	420214,314	7656560,338	D443	421323,975	7647932,820	D506	419478,502	7636858,398	D569	419041,337	7631702,199
D381	420651,504	7656704,456	D444	421289,176	7647173,459	D507	419465,009	7636629,004	D570	419009,585	7631552,271
D382	420841,012	7656645,255	D445	421336,109	7646910,311	D508	419384,310	7636422,099	D571	418601,069	7631207,427
D383	420912,781	7656657,492	D446	421490,398	7645568,234	D509	419335,098	7636239,272	D572	418598,823	7630405,804
D384	420974,958	7656623,427	D447	421488,546	7645448,113	D510	419329,277	7636108,303	D573	418582,463	7630254,656
D385	421246,156	7656458,393	D448	421252,273	7644241,611	D511	419363,673	7635971,513	D574	418560,238	7630126,862
D386	421294,774	7656468,645	D449	421012,560	7642820,266	D512	419356,000	7635921,242	D575	418407,441	7629939,933
D387	421350,667	7656442,848	D450	420910,695	7642300,094	D513	419330,071	7635887,905	D576	418383,628	7629803,011
D388	421387,047	7656394,562	D451	420739,774	7641682,027	D514	419321,340	7635813,821	D577	418451,891	7629623,226
D389	421389,693	7656342,306	D452	420531,546	7641211,067	D515	419389,338	7635707,723	D578	418551,507	7629524,404
D390	421466,144	7656243,996	D453	419999,997	7640063,038	D516	419433,342	7635683,564	D579	418772,302	7628436,832
D391	421482,959	7656097,897	D454	419753,140	7639615,362	D517	419513,427	7635521,456	D580	418891,365	7628385,635
D392	421600,699	7655908,720	D455	419766,134	7639567,513	D518	419550,205	7635279,362	D581	419007,649	7628405,479
D393	421749,858	7655840,920	D456	419726,890	7639494,629	D519	419579,309	7634893,334	D582	419075,912	7628371,745
D394	421858,668	7655746,662	D457	419679,057	7639480,424	D520	419543,590	7634700,717	D583	419102,503	7628299,116
D395	421988,314	7655478,771	D458	419587,511	7639312,413	D521	419530,361	7634511,010	D584	419081,468	7628228,076
D396	423222,793	7655355,422	D459	419586,717	7639162,394	D522	419485,911	7634421,581	D585	419013,999	7628193,151
D397	423613,613	7655479,802	D460	419529,302	7639037,246	D523	419522,632	7634387,792	D586	418867,552	7628171,322
D398	423797,075	7655513,167	D461	419322,907	7638848,174	D524	419626,669	7634154,087	D587	418779,049	7628205,851
D399	423940,281	7655766,506	D462	419507,899	7638639,074	D525	419697,763	7634057,245	D588	418340,104	7627227,949
D400	424129,587	7655960,578	D463	419525,983	7638574,372	D526	419727,677	7633993,391	D589	418257,554	7627016,414
D401	424138,791	7655988,610	D464	419534,330	7638287,680	D527	419704,722	7633826,003	D590	418267,476	7626175,831
D402	424176,418	7656023,943	D465	419529,302	7638255,401	D528	419851,626	7633316,857	D591	418234,139	7626105,584
D403	424212,618	7656033,872	D466	419475,327	7638146,922	D529	420189,893	7633143,900	D592	418390,508	7626109,471
D404	424299,454	7656094,259	D467	419430,749	7638086,948	D530	420352,952	7633080,934	D593	418879,062	7625908,734
D405	424311,493	7656144,086	D468	419700,753	7637884,454	D531	420430,211	7633102,101	D594	418922,321	7625845,233
D406	424420,395	7656202,528	D469	419724,830	7637843,973	D532	421186,920	7633241,008	D595	418904,462	7625761,889
D407	424510,129	7656199,100	D470	419735,149	7637725,175	D533	421409,435	7633320,383	D596	418839,771	7625717,043
D408	424558,746	7656181,902	D471	419825,372	7637677,021	D534	421377,950	7633750,861	D597	418778,652	7625722,202
D409	424594,465	7656136,592	D472	419949,726	7637703,744	D535	421412,875	7633806,688	D598	418339,708	7625890,874
D410	424606,041	7656073,423	D473	420286,806	7637702,214	D536	421469,496	7633832,617	D599	418138,888	7625900,796
D411	424573,629	7656014,553	D474	420534,192	7637602,408	D537	421534,319	7633824,150	D600	418009,507	7625615,442
D412	424310,368	7655840,589	D475	420564,090	7637579,125	D538	421580,357	7633779,965	D601	417951,166	7625574,167
D413	424110,277	7655632,560	D476	420746,653	7637298,137	D539	421592,527	7633734,721	D602	417875,363	7625582,899
D414	423948,880	7655348,794	D477	421205,706	7636727,694	D540	421630,892	7633218,783	D603	417824,166	7625635,683
D415	423913,162	7655302,682	D478	421216,818	7636684,302	D541	421604,963	7633160,574	D604	417817,419	7625699,977
D416	423324,857	7655153,157	D479	421210,468	7636643,027	D542	421553,104	7633131,999	D605	418057,926	7626221,075
D417	423282,049	7655126,709	D480	420980,016	7636116,240	D543	421237,505	7633028,065	D606	418046,813	7627050,942
D418	423218,693	7655127,993	D481	420991,128	7636083,432	D544	420340,419	7632858,560	D607	418138,888	7627289,464
D419	423190,097	7655144,528	D482	420985,307	7636036,336	D545	420107,683	7632935,413	D608	418578,230	7628272,526
D420	421882,276	7655267,820	D483	420955,674	7635988,182	D546	419689,091	7633140,648	D609	418575,055	7628348,329
D421	421832,871	7655309,106	D484	420900,905	7635963,576	D547	419612,646	7633095,486	D610	418359,022	7629420,820
D422	421682,058	7655617,016	D485	420836,876	7635971,248	D548	419529,832	7632952,082	D611	418271,313	7629510,117
D423	421628,480	7655662,326	D486	420788,986	7636013,317	D549	419402,831	7632580,871	D612	418170,506	7629783,167
D424	421449,278	7655741,404	D487	420750,622	7636068,351	D550	419243,816	7632338,247	D613	418209,003	7630022,880
D425	421275,591	7656028,444	D488	420751,944	7636131,586	D551	419170,461	7632286,564	D614	418336,797	7630182,821
D426	421259,055	7656160,405	D489	420985,572	7636661,548	D552	419196,258	7632097,386	D615	418341,560	7630228,065
D427	421176,313	7656214,166	D490	420565,677	7637182,513	D553	419163,459	7632069,430	D616	418372,119	7630269,340
D428	421009,668	7656228,145	D491	420410,631	7637423,549	D554	420107,154	7631972,857	D617	418388,360	7630424,101
D429	421329,002	7651245,675	D492	420244,208	7637491,018	D555	420365,123	7631797,703	D618	418381,941	7631067,409
D430	421342,231	7650960,189	D493	419967,982	7637491,018	D556	421129,770	7631405,854	D619	418385,910	7631315,060
D431	421767,153	7650753,549	D494	419820,609	7637458,474	D557	421489,869	7631155,558	D620	418307,644	7631329,227
D432	421884,893	7650656,447	D495	419780,657	7637460,591	D558	421515,004	7631107,139	D621	418083,758	7631793,785
D433	421976,968	7650520,450	D496	419556,290	7637579,654	D559	421513,152	7631052,899	D622	418002,389	7631795,057

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D623	417944,710	7631829,717	D686	413079,806	7629517,519	D749	411790,224	7629052,380	D812	405091,927	7629997,747
D624	417924,072	7631887,132	D687	413062,079	7629461,163	D750	411616,116	7629054,230	D813	405121,560	7629920,224
D625	417926,718	7631925,497	D688	413023,450	7629427,296	D751	411575,647	7629083,337	D814	405153,310	7629648,497
D626	417280,075	7631973,915	D689	412938,783	7629378,612	D752	411379,326	7628953,955	D815	405189,558	7629626,801
D627	417074,632	7631908,786	D690	412902,535	7629383,375	D753	411128,765	7628912,945	D816	405213,371	7629567,534
D628	416498,369	7631996,892	D691	412648,535	7629082,808	D754	411067,117	7628937,551	D817	405205,169	7629516,469
D629	416318,471	7631970,846	D692	412827,393	7628995,230	D755	411031,663	7628997,876	D818	405123,148	7629380,738
D630	416083,362	7632028,155	D693	413026,889	7629132,549	D756	411039,071	7629067,462	D819	405144,314	7629350,575
D631	416003,987	7632017,043	D694	413092,242	7629128,316	D757	411085,373	7629119,320	D820	405175,535	7629254,796
D632	415800,787	7631938,461	D695	413143,306	7629097,624	D758	411303,655	7629158,479	D821	405168,391	7629179,918
D633	415544,818	7631945,860	D696	413168,177	7629041,268	D759	411597,872	7629354,271	D822	405185,060	7629009,526
D634	415398,619	7632020,218	D697	413161,033	7628981,737	D760	411574,059	7629429,412	D823	405174,212	7628970,103
D635	415245,690	7632182,143	D698	413131,059	7628937,559	D761	411619,039	7629705,373	D824	405103,304	7628871,943
D636	415121,071	7632377,141	D699	412911,002	7628795,470	D762	411773,291	7630059,651	D825	405060,970	7628761,876
D637	414887,972	7632449,902	D700	412841,945	7628693,340	D763	411908,493	7630253,591	D826	404966,779	7628427,442
D638	414736,366	7632426,089	D701	412781,885	7628666,088	D764	411917,754	7630371,860	D827	404943,495	7628269,750
D639	414719,697	7632385,079	D702	412707,272	7628684,873	D765	411947,387	7630540,929	D828	404954,079	7628162,858
D640	414674,189	7632349,625	D703	412663,087	7628746,257	D766	411934,423	7630768,736	D829	404942,437	7628087,716
D641	414614,657	7632343,275	D704	412665,732	7628797,851	D767	411937,598	7631220,116	D830	405045,889	7627860,439
D642	414577,086	7632360,208	D705	412677,110	7628831,188	D768	411960,087	7631389,714	D831	405054,620	7627606,174
D643	414312,502	7632238,764	D706	412444,276	7628946,282	D769	411938,656	7631432,312	D832	405044,566	7627487,905
D644	414151,106	7632203,310	D707	412332,092	7628912,416	D770	411841,289	7631517,773	D833	405066,262	7627348,998
D645	414109,037	7632210,718	D708	412280,234	7628833,040	D771	411829,912	7631564,340	D834	405066,262	7627189,454
D646	413947,112	7632314,699	D709	412187,629	7628561,577	D772	411834,675	7631715,682	D835	405108,860	7627166,964
D647	413901,604	7632365,235	D710	412223,499	7628409,257	D773	411860,441	7631955,016	D836	405203,317	7627036,260
D648	413887,316	7632400,954	D711	412273,506	7628368,304	D774	411723,845	7631981,421	D837	405205,433	7626988,900
D649	413876,204	7632535,098	D712	412276,182	7628283,772	D775	411643,916	7631943,049	D838	405193,262	7626948,154
D650	413695,489	7632704,973	D713	412225,994	7628217,883	D776	411517,710	7631948,077	D839	405096,160	7626842,055
D651	413509,052	7632488,528	D714	412146,661	7628073,763	D777	411315,700	7631918,179	D840	405084,783	7626743,630
D652	413053,877	7632398,308	D715	412075,975	7627753,009	D778	411234,097	7631962,360	D841	405052,239	7626644,676
D653	412869,462	7632215,481	D716	411965,114	7627375,448	D779	410871,241	7632075,263	D842	405017,050	7626610,809
D654	412821,043	7632102,503	D717	411945,800	7627253,210	D780	410804,151	7632158,692	D843	404922,064	7626562,390
D655	412575,845	7632129,296	D718	411922,252	7627132,560	D781	410869,057	7632221,927	D844	404940,992	7626574,541
D656	412426,284	7631800,613	D719	411838,114	7626869,034	D782	410660,061	7632264,916	D845	404621,873	7626506,108
D657	412079,415	7631895,334	D720	411852,402	7626799,184	D783	410654,769	7632327,093	D846	404488,146	7626330,086
D658	412044,490	7631622,284	D721	411832,293	7626737,272	D784	410730,837	7632454,093	D847	404442,109	7626308,390
D659	412113,017	7631561,958	D722	411778,583	7626701,553	D785	410731,045	7632649,885	D848	404351,634	7625989,831
D660	412171,754	7631439,721	D723	411718,522	7626697,849	D786	409941,716	7632367,442	D849	404437,611	7625864,154
D661	412177,311	7631406,118	D724	411662,695	7626728,805	D787	409753,861	7632369,426	D850	404361,940	7625765,993
D662	412150,323	7631196,304	D725	411639,412	7626778,282	D788	409604,371	7632049,941	D851	404356,648	7625699,582
D663	412147,677	7630769,530	D726	411617,964	7626880,526	D789	409533,884	7631818,702	D852	404335,746	7625661,482
D664	412160,113	7630643,323	D727	411709,802	7627202,661	D790	409382,185	7631605,585	D853	404273,833	7625601,686
D665	412159,848	7630518,704	D728	411692,587	7627235,712	D791	409262,156	7631582,164	D854	404239,438	7625480,507
D666	412127,569	7630330,321	D729	411709,912	7627314,426	D792	408617,895	7631614,972	D855	404137,639	7625364,268
D667	412117,515	7630193,531	D730	411743,658	7627334,437	D793	408415,224	7631640,372	D856	404138,631	7625299,532
D668	412104,550	7630160,458	D731	411759,797	7627434,186	D794	408331,350	7631668,418	D857	404124,608	7625260,109
D669	411957,706	7629949,320	D732	411870,658	7627811,218	D795	408121,800	7631561,526	D858	404011,895	7625134,431
D670	411822,504	7629636,317	D733	411895,264	7627983,991	D796	407822,291	7631541,153	D859	403961,679	7625035,030
D671	411791,812	7629443,171	D734	411873,833	7628020,503	D797	407641,200	7631484,910	D860	403752,976	7624837,112
D672	411896,058	7629246,850	D735	411872,775	7628062,043	D798	407199,852	7631586,072	D861	403723,764	7624741,789
D673	412194,244	7629187,318	D736	411883,358	7628106,758	D799	407168,400	7631541,738	D862	403763,980	7624727,766
D674	412218,850	7629215,100	D737	411949,769	7628166,818	D800	406957,896	7631510,726	D863	403801,816	7624676,701
D675	412269,650	7629233,620	D738	412008,242	7628288,791	D801	406921,648	7631469,451	D864	403806,314	7624615,318
D676	412323,361	7629224,360	D739	412003,744	7628318,954	D802	406828,866	7631269,561	D865	403780,914	7624568,486
D677	412348,232	7629207,691	D740	412014,592	7628369,754	D803	406174,923	7631120,805	D866	403748,899	7624544,938
D678	412425,226	7629282,304	D741	411933,100	7628637,778	D804	405950,360	7631342,186	D867	403782,501	7624401,005
D679	412451,684	7629344,481	D742	411925,691	7628751,549	D805	405826,169	7631074,258	D868	403853,145	7624420,584
D680	412637,687	7629435,498	D743	411869,070	7628792,559	D806	405747,929	7630957,563	D869	404002,900	7624568,486
D681	412643,521	7629493,581	D744	411850,814	7628859,763	D807	405656,020	7630868,757	D870	404070,898	7624575,366
D682	412781,462	7629636,945	D745	411872,775	7628926,174	D808	405571,088	7630663,176	D871	404134,927	7624541,499
D683	412860,995	7629650,869	D746	411929,925	7628961,628	D809	405511,028	7630577,450	D872	404164,296	7624465,828
D684	413023,714	7629619,384	D747	412000,833	7628964,274	D810	405416,444	7630311,233	D873	404138,631	7624403,386
D685	413068,429	7629572,288	D748	411998,717	7629009,782	D811	405162,980	7630132,364	D874	403962,683	7624229,554

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D875	403828,803	7624193,571	D938	403521,886	7624821,429	D1001	400067,479	7631259,283	D1064	405231,427	7630451,933
D876	403829,597	7624118,429	D939	403576,655	7624982,031	D1002	399837,148	7631380,420	D1065	405323,272	7630685,041
D877	403765,832	7623975,289	D940	403640,155	7625036,006	D1003	399600,081	7631428,476	D1066	405396,792	7630798,273
D878	403645,711	7623862,047	D941	403634,334	7625091,569	D1004	399391,997	7630956,070	D1067	405384,885	7630833,463
D879	403645,447	7623717,320	D942	403727,997	7625325,725	D1005	399298,980	7630899,965	D1068	405387,950	7630884,990
D880	403602,554	7623623,780	D943	403778,797	7625382,082	D1006	399351,780	7630780,915	D1069	405520,881	7631090,903
D881	403771,389	7623427,336	D944	403848,912	7625392,665	D1007	399334,053	7630521,359	D1070	405559,511	7631114,715
D882	403949,189	7623313,830	D945	403893,556	7625372,754	D1008	399276,373	7630372,927	D1071	405594,965	7631123,182
D883	404096,298	7623120,948	D946	404070,857	7625088,113	D1009	399199,909	7630334,033	D1072	405674,869	7631260,765
D884	404329,131	7622764,289	D947	404149,744	7625778,958	D1010	399113,125	7630366,048	D1073	405642,325	7631292,251
D885	404454,544	7622709,785	D948	404153,940	7625854,786	D1011	399083,227	7630436,427	D1074	405629,890	7631355,222
D886	404579,163	7622705,287	D949	404233,088	7625947,497	D1012	399091,959	7630486,169	D1075	405653,967	7631416,341
D887	404797,974	7622702,741	D950	404226,738	7626411,313	D1013	399132,969	7630745,197	D1076	405714,292	7631453,912
D888	404891,901	7622735,979	D951	404264,573	7626473,226	D1014	399119,512	7630767,064	D1077	405765,886	7631448,885
D889	405032,660	7622769,052	D952	404352,679	7626503,653	D1015	398972,593	7630784,813	D1078	405792,609	7631490,424
D890	405172,889	7622755,029	D953	404501,905	7626699,709	D1016	398896,744	7630703,947	D1079	405743,661	7631631,447
D891	405250,148	7622952,937	D954	404793,476	7626796,018	D1017	398741,649	7630698,365	D1080	405688,468	7631628,111
D892	405357,569	7623065,385	D955	404876,291	7626791,785	D1018	398797,276	7630913,367	D1081	405644,274	7631602,428
D893	405421,598	7623074,646	D956	404889,256	7627041,023	D1019	398876,387	7631004,384	D1082	405546,067	7631631,489
D894	405624,983	7623016,036	D957	404855,663	7627087,236	D1020	398921,366	7631021,317	D1083	405523,263	7631676,956
D895	405827,205	7622812,179	D958	404830,518	7627495,048	D1021	398972,695	7631018,671	D1084	405403,935	7631703,414
D896	405837,259	7622734,126	D959	404833,957	7627813,343	D1022	398983,808	7631129,532	D1085	405364,777	7631730,137
D897	405780,903	7622661,366	D960	404721,774	7628059,670	D1023	399012,118	7631176,628	D1086	405222,960	7631973,025
D898	405665,809	7622645,491	D961	404740,295	7628170,002	D1024	399067,152	7631204,674	D1087	405209,013	7632038,043
D899	405597,017	7622693,645	D962	404729,182	7628282,979	D1025	399132,769	7631197,265	D1088	405297,837	7632188,661
D900	405584,053	7622755,558	D963	404759,345	7628478,242	D1026	399195,475	7631140,644	D1089	405336,202	7632221,469
D901	405527,432	7622812,972	D964	404823,237	7628770,105	D1027	399332,529	7631385,120	D1090	405493,894	7632271,740
D902	405418,423	7622799,214	D965	404917,037	7628979,364	D1028	399314,273	7631467,141	D1091	405729,156	7632553,091
D903	405321,850	7622552,886	D966	404967,308	7629047,891	D1029	399323,534	7631513,178	D1092	405708,105	7632653,028
D904	405251,471	7622516,903	D967	404948,181	7629245,516	D1030	399406,084	7631634,093	D1093	405769,521	7632738,223
D905	405047,212	7622553,680	D968	404886,345	7629288,662	D1031	399452,651	7631659,493	D1094	405998,455	7632863,614
D906	404908,570	7622521,401	D969	404868,618	7629361,952	D1032	399567,259	7631679,678	D1095	406405,121	7632991,673
D907	404814,643	7622526,428	D970	404915,308	7629487,865	D1033	399918,097	7631606,389	D1096	406406,708	7633029,244
D908	404791,322	7622468,137	D971	404899,310	7629515,940	D1034	400010,129	7631547,310	D1097	406465,446	7633135,871
D909	404578,105	7622367,413	D972	404913,597	7629592,140	D1035	400051,139	7631547,574	D1098	406437,400	7633182,967
D910	404468,832	7622372,176	D973	404942,966	7629617,276	D1036	400102,468	7631521,645	D1099	406437,135	7633242,499
D911	404468,303	7622255,019	D974	404911,745	7629875,245	D1037	400131,044	7631470,580	D1100	406544,556	7633240,299
D912	404496,613	7622223,744	D975	404878,518	7629955,665	D1038	400226,558	7631409,462	D1101	406385,649	7633546,893
D913	404494,232	7622145,163	D976	404180,783	7630079,587	D1039	400322,073	7631245,420	D1102	406336,304	7633556,547
D914	404465,921	7622116,852	D977	403795,730	7630245,662	D1040	400331,926	7631168,387	D1103	406295,995	7633595,823
D915	404464,069	7621932,966	D978	403325,088	7630464,468	D1041	400553,055	7630956,229	D1104	406283,567	7633636,114
D916	404402,686	7621874,493	D979	403170,519	7630557,871	D1042	400623,434	7630995,123	D1105	406215,679	7633703,668
D917	404318,548	7621871,848	D980	402598,682	7630717,918	D1043	400909,449	7631075,557	D1106	406175,991	7633695,202
D918	404262,192	7621923,177	D981	402414,848	7630869,522	D1044	401117,940	7631204,017	D1107	406118,576	7633715,045
D919	404250,815	7621974,771	D982	402375,611	7631046,231	D1045	401178,002	7631205,467	D1108	406078,889	7633764,523
D920	404256,371	7622419,007	D983	402304,928	7631152,821	D1046	401262,404	7631273,201	D1109	406075,714	7633833,579
D921	404176,467	7622410,540	D984	401976,639	7631280,620	D1047	401368,767	7631323,472	D1110	406099,262	7633874,325
D922	404111,379	7622454,990	D985	401827,943	7631309,724	D1048	401563,236	7631519,528	D1111	405989,459	7634363,540
D923	404089,683	7622534,895	D986	401751,026	7631352,681	D1049	401683,092	7631569,006	D1112	405570,623	7634313,269
D924	404146,127	7622631,894	D987	401698,021	7631342,688	D1050	401811,151	7631561,333	D1113	405414,254	7634220,136
D925	403800,493	7623156,667	D988	401488,740	7631138,127	D1051	401908,518	7631512,120	D1114	405344,404	7634223,840
D926	403623,751	7623270,438	D989	401370,819	7631088,626	D1052	402041,604	7631486,455	D1115	405265,293	7634295,542
D927	403524,797	7623386,855	D990	401239,605	7630981,741	D1053	402438,652	7631339,789	D1116	405108,660	7634336,024
D928	403481,405	7623390,559	D991	401181,113	7630989,408	D1054	402587,531	7631117,722	D1117	404993,830	7634403,493
D929	403428,775	7623423,859	D992	400995,973	7630873,114	D1055	402607,813	7630991,154	D1118	404679,505	7634486,572
D930	403384,567	7623546,663	D993	400773,124	7630813,195	D1056	402703,620	7630923,991	D1119	404589,546	7634565,153
D931	403373,984	7623710,176	D994	400753,810	7630777,211	D1057	403009,045	7630835,590	D1120	404468,896	7634568,773
D932	403316,569	7623883,743	D995	400709,889	7630753,134	D1058	403255,108	7630755,685	D1121	404348,510	7635136,125
D933	403345,938	7624045,139	D996	400553,440	7630726,678	D1059	403640,219	7630553,004	D1122	404352,744	7635252,542
D934	403395,824	7624237,148	D997	400392,840	7630782,673	D1060	403781,242	7630503,262	D1123	404397,723	7635310,221
D935	403573,199	7624361,930	D998	400255,334	7630943,635	D1061	404202,319	7630306,951	D1124	404471,806	7635325,832
D936	403514,478	7624617,964	D999	400131,621	7631042,138	D1062	404930,595	7630170,415	D1125	404539,275	7635291,701
D937	403506,540	7624737,820	D1000	400115,104	7631178,585	D1063	404998,971	7630294,733	D1126	404564,411	7635235,344

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D1127	404562,559	7635171,844	D1190	406821,380	7640683,776	D1253	406961,345	7636302,797	D1316	411283,885	7632184,980
D1128	404760,732	7634698,768	D1191	407070,089	7640455,441	D1254	406824,026	7636154,101	D1317	411353,150	7632139,834
D1129	405082,466	7634599,549	D1192	407360,866	7640394,057	D1255	406669,244	7636089,807	D1318	411513,224	7632161,993
D1130	405192,797	7634533,668	D1193	407708,794	7640351,194	D1256	406472,658	7635834,483	D1319	411598,221	7632157,694
D1131	405375,360	7634486,572	D1194	407804,044	7640360,455	D1257	406344,909	7635555,612	D1320	411685,203	7632198,704
D1132	405405,258	7634461,436	D1195	407834,736	7641377,780	D1258	406301,583	7635333,362	D1321	411913,244	7632179,453
D1133	405505,075	7634520,295	D1196	407823,624	7641423,024	D1259	406204,018	7635079,692	D1322	411928,764	7632408,477
D1134	405942,168	7634572,154	D1197	407849,553	7641491,551	D1260	406130,926	7634704,644	D1323	411963,425	7632598,977
D1135	405912,799	7634704,446	D1198	407926,811	7641530,445	D1261	406309,851	7633910,893	D1324	411824,254	7633009,876
D1136	406000,376	7635148,417	D1199	407996,661	7641519,861	D1262	406579,396	7633668,137	D1325	411927,177	7633434,798
D1137	406104,358	7635433,639	D1200	408078,153	7641635,220	D1263	406750,714	7633605,298	D1326	411928,235	7633554,125
D1138	406064,935	7635449,514	D1201	408146,945	7641652,418	D1264	406792,681	7633538,957	D1327	411890,929	7633663,133
D1139	406027,364	7635401,637	D1202	408209,122	7641629,928	D1265	406610,815	7633387,347	D1328	411875,318	7633870,567
D1140	406028,951	7635574,927	D1203	408247,222	7641575,159	D1266	406671,670	7633216,360	D1329	412035,921	7634521,179
D1141	406069,433	7635626,785	D1204	408247,487	7641510,601	D1267	406707,719	7633148,560	D1330	411924,531	7634656,910
D1142	406126,318	7635643,983	D1205	408141,389	7641353,967	D1268	406706,066	7633095,313	D1331	411849,918	7634635,215
D1143	406149,072	7635641,337	D1206	408104,083	7641328,038	D1269	406610,815	7632870,747	D1332	411440,078	7634682,046
D1144	406292,741	7635951,429	D1207	408046,139	7641311,898	D1270	406510,935	7632799,640	D1333	411401,713	7634705,065
D1145	406535,365	7636263,638	D1208	408033,439	7640870,573	D1271	406080,655	7632664,372	D1334	411309,638	7634826,509
D1146	406700,465	7636334,811	D1209	408070,745	7640835,118	D1272	405974,165	7632599,564	D1335	411289,530	7634986,053
D1147	406848,103	7636492,503	D1210	408080,005	7640773,999	D1273	405954,647	7632377,298	D1336	411320,750	7635043,997
D1148	407024,580	7636540,922	D1211	408061,749	7640720,818	D1274	405909,337	7632319,090	D1337	411380,811	7635075,482
D1149	407135,441	7636509,966	D1212	408027,353	7640692,508	D1275	405812,432	7632301,869	D1338	411454,101	7635063,311
D1150	407289,958	7636608,656	D1213	408017,299	7640341,405	D1276	405608,373	7632081,957	D1339	411500,667	7635008,013
D1151	407693,448	7636722,162	D1214	408065,982	7640317,857	D1277	405465,498	7632038,631	D1340	411530,830	7635458,775
D1152	407827,328	7636735,656	D1215	408097,997	7640253,298	D1278	405514,115	7631897,409	D1341	411751,758	7634860,905
D1153	407986,607	7636820,852	D1216	408084,239	7640183,713	D1279	405611,681	7631875,250	D1342	411755,197	7635021,772
D1154	408131,003	7637027,108	D1217	408039,524	7640141,909	D1280	405751,359	7631904,700	D1343	411793,297	7635215,712
D1155	407693,448	7637062,576	D1218	407979,993	7640128,415	D1281	405928,189	7631758,172	D1344	411735,353	7635458,335
D1156	408158,298	7637098,264	D1219	407896,120	7640156,461	D1282	405995,580	7631559,756	D1345	411768,426	7635666,298
D1157	408191,763	7637113,896	D1220	407701,386	7640137,411	D1283	406146,393	7631480,380	D1346	411779,274	7635983,534
D1158	408261,178	7637213,045	D1221	407312,977	7640186,359	D1284	406247,013	7631356,997	D1347	411756,221	7636249,386
D1159	408135,061	7637509,337	D1222	407120,360	7640227,105	D1285	406680,930	7631456,546	D1348	411668,678	7636547,614
D1160	407719,907	7637837,648	D1223	407106,072	7639857,746	D1286	406746,084	7631595,453	D1349	411582,688	7636748,710
D1161	407666,725	7637770,973	D1224	407154,491	7639326,726	D1287	406846,956	7631703,602	D1350	411598,563	7637046,896
D1162	407599,786	7637746,896	D1225	407237,306	7639147,867	D1288	407029,850	7631745,274	D1351	411857,856	7637463,616
D1163	407517,500	7637781,291	D1226	407665,667	7638658,916	D1289	407168,757	7631843,500	D1352	411897,808	7637749,016
D1164	407495,275	7637848,760	D1227	407704,032	7638650,979	D1290	407182,647	7631889,472	D1353	412143,077	7637539,287
D1165	407493,688	7637994,017	D1228	407783,671	7638589,595	D1291	407243,754	7631932,863	D1354	412294,154	7637701,741
D1166	407537,344	7638053,548	D1229	407806,428	7638516,914	D1292	407383,322	7631920,957	D1355	412596,309	7637784,292
D1167	407620,688	7638075,773	D1230	407802,520	7638335,157	D1293	407529,583	7631735,352	D1356	412699,232	7637749,367
D1168	407536,286	7638282,942	D1231	407763,828	7638289,557	D1294	407633,432	7631710,878	D1357	412968,050	7638170,849
D1169	407242,597	7638318,397	D1232	407841,086	7638099,586	D1295	407734,305	7631737,998	D1358	413351,961	7638368,493
D1170	407183,331	7638367,874	D1233	407883,155	7638084,240	D1296	407793,836	7631850,115	D1359	413635,859	7638750,552
D1171	407178,304	7638450,953	D1234	407920,197	7638042,700	D1297	408017,860	7632011,441	D1360	413516,003	7638882,844
D1172	407333,875	7638714,489	D1235	407930,516	7637991,900	D1298	408108,691	7631994,644	D1361	413512,828	7638936,819
D1173	407051,039	7639038,329	D1236	407921,520	7637955,917	D1299	408158,631	7631947,680	D1362	413550,928	7639131,553
D1174	406944,676	7639276,455	D1237	408122,339	7637846,379	D1300	408182,774	7631834,240	D1363	413408,582	7639459,637
D1175	406892,288	7639867,535	D1238	408259,393	7637742,133	D1301	408298,530	7631888,480	D1364	413400,909	7639600,131
D1176	406911,603	7640311,507	D1239	408301,727	7637740,546	D1302	408345,824	7631889,803	D1365	413453,032	7639760,733
D1177	406608,390	7640590,114	D1240	408347,500	7637712,764	D1303	408466,871	7631849,123	D1366	413341,907	7639957,054
D1178	406597,807	7640646,735	D1241	408382,175	7637663,106	D1304	409256,323	7631797,529	D1367	413297,456	7640117,921
D1179	406774,019	7641588,653	D1242	408490,375	7637176,188	D1305	409338,675	7631912,954	D1368	413282,640	7640393,353
D1180	406754,440	7641623,049	D1243	408439,237	7636991,796	D1306	409393,245	7632110,730	D1369	413300,631	7640434,893
D1181	406753,647	7641675,701	D1244	408385,071	7636963,198	D1307	409559,594	7632500,501	D1370	413615,751	7640871,985
D1182	406775,607	7641724,385	D1245	408345,648	7636956,848	D1308	409681,311	7632589,296	D1371	413631,902	7641122,017
D1183	406794,657	7641736,291	D1246	408127,895	7636653,106	D1309	409856,929	7632581,359	D1372	413533,465	7641178,638
D1184	406810,003	7641856,412	D1247	407888,447	7636527,428	D1310	410243,010	7632909,898	D1373	413405,671	7641370,991
D1185	406847,309	7641906,154	D1248	407728,373	7636511,289	D1311	410832,251	7632659,742	D1374	413417,048	7641449,572
D1186	406911,603	7641927,321	D1249	407374,625	7636410,747	D1312	410992,324	7632493,384	D1375	413475,521	7641503,018
D1187	406983,305	7641902,714	D1250	407195,766	7636295,124	D1313	411004,892	7632429,884	D1376	413553,574	7641501,960
D1188	407022,464	7641835,775	D1251	407151,051	7636285,070	D1314	410980,749	7632374,652	D1377	413599,611	7641464,918
D1189	406983,834	7641542,351	D1252	407027,226	7636318,936	D1315	410994,970	7632262,535	D1378	413665,493	7641363,582

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D1379	413757,039	7641358,290	D1442	414083,866	7632626,162	D1505	419252,181	7639074,204	D1568	417064,078	7655544,255
D1380	413798,314	7641334,213	D1443	414094,383	7632472,506	D1506	419355,104	7639167,073	D1569	417006,531	7655486,047
D1381	413873,720	7641246,372	D1444	414162,619	7632428,640	D1507	419374,419	7639212,582	D1570	416911,280	7655489,023
D1382	413884,833	7641193,719	D1445	414656,041	7632633,914	D1508	419375,212	7639367,892	D1571	416866,632	7655541,940
D1383	413840,383	7640984,698	D1446	414895,543	7632666,446	D1509	419912,847	7640386,805	D1572	416858,364	7655572,367
D1384	413821,068	7640793,933	D1447	415027,835	7632635,490	D1510	419488,983	7640359,288	D1573	416650,004	7655549,216
D1385	413498,276	7640341,759	D1448	415261,199	7632559,643	D1511	419403,787	7640401,621	D1574	416580,551	7655588,573
D1386	413510,182	7640145,438	D1449	415364,891	7632444,568	D1512	419371,508	7640458,242	D1575	416559,384	7655671,917
D1387	413540,874	7640037,223	D1450	415418,890	7632308,199	D1513	419376,800	7640524,124	D1576	416591,795	7655734,425
D1388	413677,134	7639796,981	D1451	415558,462	7632177,996	D1514	419420,985	7640577,305	D1577	416630,160	7655759,230
D1389	413672,636	7639748,298	D1452	415758,592	7632176,280	D1515	419495,863	7640593,974	D1578	416516,048	7656119,717
D1390	413614,693	7639568,116	D1453	415953,614	7632224,591	D1516	419531,581	7640575,718	D1579	416652,980	7656554,304
D1391	413618,132	7639515,464	D1454	416082,108	7632250,788	D1517	420015,454	7640611,031	D1580	416947,358	7656557,161
D1392	413682,955	7639387,934	D1455	416322,834	7632201,327	D1518	420540,969	7641764,228	D1581	416691,676	7656721,984
D1393	413771,591	7639149,809	D1456	416507,100	7632219,936	D1519	420708,186	7642373,036	D1582	416771,382	7656738,190
D1394	413734,284	7638958,779	D1457	417045,430	7632130,100	D1520	420825,926	7642998,777	D1583	416841,496	7656700,487
D1395	413864,724	7638814,317	D1458	417254,290	7632194,766	D1521	420753,959	7643019,414	D1584	416943,361	7656746,128
D1396	413877,424	7638759,283	D1459	418285,921	7632117,434	D1522	420716,653	7643076,564	D1585	416990,986	7656815,581
D1397	413864,460	7638714,833	D1460	418742,857	7632148,920	D1523	420713,213	7643140,329	D1586	416988,671	7656863,537
D1398	413764,447	7638552,643	D1461	418868,685	7632189,910	D1524	420750,784	7643195,892	D1587	417031,666	7656928,029
D1399	413488,221	7638197,307	D1462	418937,198	7632429,802	D1525	420813,755	7643221,556	D1588	417104,427	7656942,581
D1400	413115,687	7638007,071	D1463	419045,691	7632500,796	D1526	420862,438	7643210,179	D1589	417221,836	7656939,604
D1401	412820,941	7637542,727	D1464	419186,688	7632699,615	D1527	421032,955	7644231,892	D1590	417546,943	7656833,440
D1402	412774,110	7637515,210	D1465	419276,374	7632984,413	D1528	421025,225	7644269,283	D1591	417617,719	7656859,568
D1403	412723,309	7637514,416	D1466	419339,874	7633121,864	D1529	421031,973	7644303,027	D1592	417630,287	7657002,112
D1404	412588,372	7637562,570	D1467	418909,052	7633928,713	D1530	421051,307	7644336,363	D1593	417678,243	7657059,659
D1405	412408,719	7637512,564	D1468	418914,873	7634001,738	D1531	421276,464	7645480,183	D1594	417927,613	7657145,649
D1406	412253,144	7637346,141	D1469	418993,719	7634069,471	D1532	421111,017	7646876,307	D1595	417966,309	7657145,318
D1407	411999,673	7637289,520	D1470	419073,888	7634065,767	D1533	421059,681	7647155,894	D1596	418083,718	7657335,819
D1408	411807,056	7636977,840	D1471	419121,249	7634016,554	D1534	421114,737	7647995,714	D1597	418073,796	7657385,428
D1409	411801,764	7636870,948	D1472	419349,108	7633633,701	D1535	421194,112	7648136,935	D1598	418149,202	7657525,658
D1410	411833,514	7636839,727	D1473	419351,238	7633543,624	D1536	421343,271	7648293,371	D1599	418190,213	7657560,054
D1411	411844,626	7636790,250	D1474	419492,460	7633277,056	D1537	421031,973	7648475,934	D1600	418218,986	7657568,653
D1412	411835,366	7636718,283	D1475	419610,427	7633341,929	D1538	421677,639	7648551,671	D1601	418286,543	7657688,117
D1413	411871,879	7636643,141	D1476	419491,365	7633803,363	D1539	421899,890	7649819,358	D1602	418508,755	7657809,316
D1414	411981,093	7636253,817	D1477	419494,570	7633932,736	D1540	421902,205	7649901,710	D1603	418720,703	7657863,333
D1415	411992,529	7636596,126	D1478	419335,525	7633270,883	D1541	421817,207	7650337,612	D1604	418766,908	7657937,315
D1416	411980,623	7635636,400	D1479	419259,325	7634341,262	D1542	421782,481	7650427,570	D1605	419093,436	7657998,601
D1417	411953,106	7635465,214	D1480	419247,154	7634409,524	D1543	421720,634	7650515,875	D1606	419367,280	7657908,312
D1418	412011,579	7635218,093	D1481	419321,237	7634570,656	D1544	421643,905	7650576,399	D1607	419472,452	7657938,078
D1419	411966,070	7634942,661	D1482	419332,085	7634729,671	D1545	421137,888	7650822,131	D1608	419474,437	7657999,924
D1420	412252,350	7634592,352	D1483	419364,629	7634913,292	D1546	421114,737	7650879,678	D1609	419530,330	7658056,810
D1421	412258,700	7634538,906	D1484	419312,195	7635428,490	D1547	421114,737	7650926,642	D1610	419647,408	7658099,143
D1422	412161,069	7634108,428	D1485	419100,651	7635764,880	D1548	421128,628	7650957,730	D1611	419699,002	7658085,583
D1423	412090,425	7633845,961	D1486	419132,589	7636016,871	D1549	420772,762	7656390,629	D1612	419769,778	7658127,917
D1424	412102,067	7633703,086	D1487	419097,224	7636076,224	D1550	420556,254	7656370,088	D1613	419752,982	7658268,954
D1425	412142,283	7633585,875	D1488	419108,030	7636284,873	D1551	420550,962	7656199,100	D1614	419894,794	7658431,857
D1426	412138,315	7633401,460	D1489	419170,551	7636511,951	D1552	420511,275	7656143,868	D1615	420112,745	7658470,222
D1427	412046,239	7633023,370	D1490	419255,356	7636680,448	D1553	420451,412	7656124,355	D1616	420153,756	7658530,415
D1428	412127,202	7632810,644	D1491	419262,500	7636806,919	D1554	420281,087	7656113,441	D1617	420233,462	7658552,243
D1429	412181,177	7632606,650	D1492	419133,221	7636956,562	D1555	420206,106	7656050,853	D1618	420410,071	7658479,152
D1430	412139,108	7632371,170	D1493	418982,144	7637252,896	D1556	420065,451	7656148,168	D1619	420468,941	7658688,173
D1431	412125,085	7632103,147	D1494	418986,274	7637393,237	D1557	419978,469	7656079,045	D1620	420446,782	7658746,712
D1432	412452,525	7632022,002	D1495	419034,958	7637642,739	D1558	419913,646	7655901,444	D1621	420485,478	7658826,749
D1433	412639,701	7632218,506	D1496	419043,424	7637876,433	D1559	419416,890	7655575,013	D1622	420688,784	7658974,053
D1434	412691,824	7632338,627	D1497	419177,304	7638102,917	D1560	419198,939	7655508,536	D1623	420767,259	7658966,317
D1435	412929,789	7632584,733	D1498	419319,385	7638312,467	D1561	418735,255	7655418,909	D1624	420873,093	7659041,723
D1436	413061,977	7632624,906	D1499	419286,577	7638566,997	D1562	418489,192	7655494,646	D1625	421008,362	7659050,653
D1437	413395,617	7632686,819	D1500	419155,079	7638637,905	D1563	417586,961	7655550,870	D1626	421216,060	7659130,028
D1438	413565,483	7632892,592	D1501	418993,418	7638818,352	D1564	417488,073	7655573,690	D1627	421224,770	7659198,383
D1439	413733,963	7632935,628	D1502	418989,185	7638880,264	D1565	417313,448	7655552,524	D1628	421344,383	7659445,544
D1440	413845,145	7632878,642	D1503	419012,997	7638936,091	D1566	417130,224	7655613,047	D1629	421264,677	7659477,956
D1441	413949,656	7632770,957	D1504	419217,520	7639066,267	D1567	417070,692	7655600,810	D1630	421234,581	7659559,646

ANEXO 2 – RESOLUCIÓN AETN N° 229/2020
TRÁMITE 2020-35945-57-0-0-0-DDO
CIAE 0037-0005-0004-0005
La Paz, 14 de agosto de 2020

ANEXO N° 2
SERVICIOS ELÉCTRICOS DE TARIJA (SETAR)
SISTEMA AISLADO VERTICALMENTE INTEGRADO ENTRE RÍOS
COORDENADAS EN PROYECCIÓN UTM, ZONA 20 - DATUM WGS-84

Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE	Vértice	ESTE	NORTE
D1631	421287,828	7659709,798	D1668	422433,807	7666194,087	D1705	420586,350	7670757,827	D1742	420377,329	7671943,494
D1632	421295,435	7659831,506	D1669	422527,073	7666380,949	D1706	420435,155	7670807,566	D1743	420562,536	7672248,531
D1633	421277,576	7659971,736	D1670	422559,154	7666709,694	D1707	420275,295	7670835,765	D1744	420492,092	7672514,334
D1634	421305,026	7660157,936	D1671	422531,042	7666743,098	D1708	420247,150	7670826,635	D1745	420493,746	7672561,297
D1635	421403,253	7660333,885	D1672	422523,435	7666815,528	D1709	420195,203	7670833,232	D1746	420548,316	7672686,313
D1636	421510,409	7660623,604	D1673	422604,133	7667520,975	D1710	420167,907	7670854,707	D1747	420461,996	7672741,545
D1637	421535,545	7660902,409	D1674	422688,800	7667669,803	D1711	419942,750	7670894,419	D1748	420443,475	7672804,053
D1638	421569,941	7661063,805	D1675	422732,125	7667717,097	D1712	419744,974	7670826,619	D1749	420448,767	7672841,095
D1639	421526,946	7661356,171	D1676	422715,589	7667870,887	D1713	419347,436	7670534,916	D1750	420337,972	7673015,058
D1640	421477,667	7661599,588	D1677	422669,617	7667899,329	D1714	419052,756	7670439,335	D1751	420106,792	7673439,385
D1641	421487,589	7661961,075	D1678	422648,451	7667969,444	D1715	418830,836	7670283,230	D1752	420106,131	7673493,955
D1642	421565,972	7662150,584	D1679	422662,341	7668017,400	D1716	418648,840	7670048,512	D1753	420291,670	7674088,938
D1643	421642,040	7662846,770	D1680	422680,862	7668041,213	D1717	418639,378	7669997,501	D1754	420250,659	7674314,165
D1644	421582,509	7663168,239	D1681	422589,250	7668470,500	D1718	418595,734	7669949,880	D1755	420280,756	7674382,957
D1645	421620,873	7663295,901	D1682	422538,979	7668480,422	D1719	418539,877	7669932,084	D1756	420511,149	7674490,867
D1646	421595,407	7663482,763	D1683	422492,016	7668536,646	D1720	418328,127	7669754,393	D1757	420443,806	7674801,661
D1647	421604,337	7663531,381	D1684	422487,716	7668636,526	D1721	418187,567	7669693,208	D1758	420746,093	7676791,993
D1648	421655,931	7663594,881	D1685	422428,185	7668649,094	D1722	417992,105	7669682,294	D1759	420981,903	7677086,012
D1649	421654,608	7663755,615	D1686	422383,867	7668712,594	D1723	417851,215	7669589,028	D1760	421234,581	7677238,478
D1650	421678,751	7663810,517	D1687	422388,828	7668854,477	D1724	417854,522	7669509,322	D1761	421400,276	7677600,297
D1651	421983,684	7663981,173	D1688	422351,786	7668889,865	D1725	417802,928	7669445,822	D1762	421451,539	7677639,984
D1652	421997,244	7664237,820	D1689	422341,864	7668957,003	D1726	417720,576	7669433,916	D1763	421842,450	7677657,196
D1653	421939,366	7664538,453	D1690	422272,080	7668978,501	D1727	417648,146	7669486,171	D1764	421925,475	7677775,584
D1654	421932,421	7664650,240	D1691	422159,301	7669153,788	D1728	417624,608	7669655,545	D1765	422106,385	7677951,863
D1655	422013,449	7664816,266	D1692	422006,504	7669271,197	D1729	417658,730	7669720,989	D1766	422048,838	7678302,767
D1656	422022,379	7665142,696	D1693	421972,439	7669272,189	D1730	417928,936	7669894,953	D1767	422045,200	7678634,158
D1657	422037,923	7665274,658	D1694	421913,569	7669303,939	D1731	418141,595	7669905,867	D1768	422131,189	7679111,732
D1658	422087,202	7665376,853	D1695	421902,477	7669345,519	D1732	418217,994	7669940,594	D1769	422082,572	7679286,357
D1659	422055,452	7665420,179	D1696	421535,587	7669610,373	D1733	418445,867	7670133,740	D1770	422044,538	7679311,824
D1660	422062,397	7665499,885	D1697	421427,396	7669741,825	D1734	418688,292	7670446,280	D1771	422019,733	7679378,962
D1661	422117,299	7665552,801	D1698	421257,401	7669866,511	D1735	418963,790	7670636,780	D1772	422046,853	7679455,691
D1662	422171,869	7665558,093	D1699	421138,338	7670087,107	D1736	419254,832	7670732,030	D1773	422118,622	7679491,410
D1663	422218,502	7665655,658	D1700	421045,403	7670361,944	D1737	419649,723	7671020,427	D1774	422220,156	7679475,535
D1664	422200,312	7665709,237	D1701	420856,876	7670418,971	D1738	419926,214	7671113,031			
D1665	422227,101	7665779,021	D1702	420759,983	7670613,629	D1739	420165,000	7671074,667			
D1666	422295,893	7665819,700	D1703	420788,757	7670792,554	D1740	420066,112	7671527,105			
D1667	422436,122	7666117,688	D1704	420724,265	7670811,736	D1741	420173,930	7671830,715			