10494

ANEXO 4

REPORTE DE FLUJOS

DEMANDA BAJA

CASO DE REFERENCIA

PESIN

2022

TOMO III

10495

2025 LLUVIOSA

| Node | Numero | V nominal | V pu | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 |
|---|---|---

| Node/PC | Whole C_Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 |

| TX | %Rate1 | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 |
|---|---|---

LTX105	LTX106	LTX107	LTX108	LTX109	LTX110	LTX111	LTX112	LTX113	LTX114	LTX115	LTX116	LTX117	LTX118	LTX119	LTX120	LTX121	LTX122	LTX123	LTX124	LTX125	LTX126	LTX127	LTX128	LTX129	LTX130	LTX131	LTX132
T1-PAN230	T2-PAN230	T3-PAN230	T5-PAN230	T-PANII230	T2-PANII230	T3-PANII230	T1-CHO230	T2-CHO230	T3-CHO230	T1-LSA230	T2-LSA230	T3-LSA230	T1-MDN230	T2-MDN230	T3-MDN230	T1-PRO230	T2-PRO230	T1-CHA230	T2-CHA230	T1-SBA230	T2-SBA230	T1-CAL230	T2-CAL230	T1-PAN3 230	T2-PAN3 230	T1-LHU230	T2-LHU230
T1-PAN115	T2-PAN115	T3-PAN115	T5-PAN115	T-PANII115	T2-PANII115	T3-PANII115	T1-CHO115	T2-CHO115	T3-CHO115	T1-LSA115	T2-LSA115	T3-LSA115	T1-MDN115	T2-MDN115	T3-MDN115	T1-PRO115	T2-PRO115	T1-CHA115	T2-CHA115	T1-SBA115	T2-SBA115	T1-CAL115	T2-CAL115	T1-PAN3 115	T2-PAN3 115	T1-LHU115	T2-LHU115
T1-PAN13T1	T2-PAN13T2	T3-PAN13T3	T5-PAN13T3	T-PANII1T	T2-PANII1T2	T3-PANII1T3	T1-CHO134	T2-CHO134	T3-CHO134	T1-LSA134	T2-LSA134	T3-LSA134	T1-MDN134	T2-MDN134	T3-MDN134	T1-PRO134	T2-PRO134	T1-CHA134	T2-CHA134	T1-SBA134	T2-SBA134	T1-CAL342	T2-CAL342	T1-PAN3 13A	T2-PAN3 13B	T1-LHU134	T2-LHU134
T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71	T2-SBA230	10.71
T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0	T2-SBA115	0
T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06	T2-SBA134	16.06
T1-LSA230	22.39	T1-LSA230	22.39	T1-LSA230	22.39	T1-LSA230	22.39	T1-LSA230	22.39	T1-LSA230	22.39	T1-LSA230	22.39	T1-LSA230	22.39	T1-LSA230	28.63	T1-LSA230	22.37	T1-LSA230	22.38	T1-LSA230	22.39	T1-LSA230	22.4	T1-CHO230	24.83	T1-LSA230	22.39
T1-LSA115	18.08	T1-LSA115	18.08	T1-LSA115	18.08	T1-LSA115	18.08	T1-LSA115	18.08	T1-LSA115	18.08	T1-LSA115	18.08	T1-LSA115	18.08	T1-LSA115	19.18	T1-LSA115	18.07	T1-LSA115	18.07	T1-LSA115	18.08	T1-LSA115	18.08	T1-CHO115	5.78	T1-LSA115	18.08
T1-LSA34	27.5	T1-LSA34	27.5	T1-LSA34	27.5	T1-LSA34	27.5	T1-LSA34	27.5	T1-LSA34	27.5	T1-LSA34	27.5	T1-LSA34	27.5	T1-LSA34	52.08	T1-LSA34	27.52	T1-LSA34	27.5	T1-LSA34	27.5	T1-LSA34	27.5	T1-CHO134	24.03	T1-LSA34	27.5
T1-CHO230	24.84	T1-CHO230	24.83	T1-CHO230	24.84	T1-CHO230	24.84	T1-CHO230	24.83	T1-CHO230	24.83	T1-PANII230	44.33	T1-CHO230	46.03	T1-CHO230	33.93	T1-PANII230	44.33	T1-CHO230	24.83	T1-CHO230	24.83	T1-CHO230	24.83	T1-CHO230	24.83	T1-PANII230	44.33
T1-CHO115	5.78	T1-CHO115	5.78	T1-CHO115	5.78	T1-CHO115	5.78	T1-CHO115	5.78	T1-CHO115	5.78	T1-PANII115	45.44	T1-CHO115	9.03	T1-CHO115	8.98	T1-PANII115	45.44	T1-CHO115	5.78	T1-CHO115	5.78	T1-CHO115	5.78	T1-CHO115	5.78	T1-PANII115	45.44
T1-CHO134	24.03	T1-CHO134	24.03	T1-CHO134	24.03	T1-CHO134	24.03	T1-CHO134	24.03	T1-CHO134	24.03	T1-PANII1T	0	T1-CHO134	41.94	T1-CHO134	34.15	T1-PANII1T	0	T1-CHO134	24.03	T1-CHO134	24.03	T1-CHO134	24.03	T1-CHO134	24.03	T1-PANII1T	0
T1-PANII230	46.54	T1-PANII230	45.29	T1-PANII230	46.5	T1-PANII230	46.53	T1-PAN230	44.41	T1-PANII230	60.35	T1-PANII230	61.04	T1-PAN230	43.21	T1-PANII230	44.33	T1-PANII230	44.33	T1-PAN230	43.2	T1-PANII230	44.33	T1-PANII230	44.33	T1-PANII230	44.33	T1-PAN230	43.2
T1-PANII115	47.7	T1-PANII115	46.42	T1-PANII115	47.67	T1-PANII115	47.7	T1-PAN115	44.96	T1-PANII115	61.86	T1-PANII115	62.57	T1-PAN115	43.75	T1-PANII115	45.44	T1-PANII115	45.44	T1-PAN115	43.74	T1-PANII115	45.44	T1-PANII115	45.44	T1-PANII115	45.44	T1-PAN115	43.74
T1-PANII1T	0	T1-PANII1T	0	T1-PANII1T	0	T1-PANII1T	0	T1-PAN13T1	0	T1-PANII1T	0	T1-PAN13T1	0	T1-PANII1T	0	T1-PANII1T	0	T1-PANII1T	0	T1-PANII1T	0	T1-PANII1T	0	T1-PANII1T	0	T1-PAN13T1	0	T1-PANII1T	0
T1-LHU230	0	T1-PAN230	48.81	T1-PAN230	55.89	T1-PAN230	56.08	T1-LHU230	0	T1-PAN230	44.39	T1-PAN230	44.44	T1-LHU230	0	T1-PAN230	43.21	T1-PAN230	43.21	T1-PAN230	43.2	T1-PAN230	43.2	T1-PAN230	43.2	T1-PAN230	43.2	T1-LHU230	0
T1-LHU115	0	T1-PAN115	49.42	T1-PAN115	56.59	T1-PAN115	56.78	T1-LHU115	0	T1-PAN115	44.95	T1-PAN115	45	T1-LHU115	0	T1-PAN115	43.75	T1-PAN115	43.75	T1-PAN115	43.74	T1-PAN115	43.74	T1-PAN115	43.74	T1-PAN115	43.74	T1-LHU115	0
T1-LHU134	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-LHU134	0	T1-PAN13T1	0	T1-LHU134	0	T1-PAN13T1	0	T1-LHU134	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-LHU134	0
T1-CAL230	18.23	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-CAL230	18.23	T1-LHU230	0	T1-CAL230	18.23	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-CAL230	18.23	T1-LHU230	0
T1-CAL115	18.23	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-CAL115	18.23	T1-LHU115	0	T1-CAL115	18.23	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-CAL115	18.23	T1-LHU115	0
T1-CAL342	0	T1-LHU134	0	T1-LHU134	0	T1-CAL342	0	T1-LHU134	0	T1-LHU134	0	T1-CAL342	0	T1-LHU134	0	T1-LHU134	0	T1-LHU134	0	T1-LHU134	0	T1-LHU134	0	T1-LHU134	0	T1-CAL342	0	T1-LHU134	0
T1-PAN3 230	0	T1-CAL230	18.23	T1-CAL230	18.23	T1-CAL230	18.23	T1-PAN3 230	0	T1-CAL230	18.23	T1-CAL230	18.23	T1-PAN3 230	0	T1-CAL230	18.23	T1-CAL230	18.23	T1-PAN3 230	0	T1-CAL230	18.23	T1-CAL230	18.23	T1-CAL230	18.42	T1-CAL230	18.23
T1-PAN3 115	0	T1-CAL115	18.23	T1-CAL115	18.23	T1-CAL115	18.23	T1-PAN3 115	0	T1-CAL115	18.23	T1-CAL115	18.23	T1-PAN3 115	0	T1-CAL115	18.23	T1-CAL115	18.23	T1-PAN3 115	0	T1-CAL115	18.23	T1-CAL115	18.23	T1-CAL115	18.42	T1-CAL115	18.23
T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0
T1-SBA230	10.71	T1-PAN3 230	0	T1-PAN3 230	0	T1-PAN3 230	0	T1-SBA230	10.71	T1-PAN3 230	0	T1-PAN3 230	0	T1-SBA230	10.71	T1-PAN3 230	0	T1-PAN3 230	0	T1-SBA230	10.71	T1-PAN3 230	0	T1-PAN3 230	0	T1-PAN3 230	0	T1-SBA230	10.71
T1-SBA115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-SBA115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-PAN3 115	0	T1-SBA115	0	T1-PAN3 115	0
T1-SBA134	16.06	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-SBA134	16.06	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-SBA134	16.06	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-PAN3 13A	0	T1-SBA134	32.53	T1-SBA134	16.06
T1-CHA230	7.2	T1-SBA230	10.71	T1-SBA230	10.71	T1-CHA230	7.19	T1-SBA230	10.71	T1-SBA230	10.71	T1-CHA230	7.19	T1-SBA230	10.71	T1-SBA230	7.2	T1-SBA230	10.71	T1-SBA230	10.71	T1-SBA230	10.71	T1-SBA230	10.71	T1-CHA230	7.2	T1-SBA230	10.71
T1-CHA115	27.48	T1-SBA115	0	T1-SBA115	0	T1-SBA115	0	T1-CHA115	27.46	T1-SBA115	0	T1-SBA115	0	T1-CHA115	27.47	T1-SBA115	0	T1-SBA115	0	T1-SBA115	0	T1-SBA115	0	T1-SBA115	0	T1-CHA115	27.48	T1-CHA115	27.46
T1-CHA134	20.19	T1-SBA134	16.06	T1-SBA134	16.06	T1-SBA134	16.06	T1-CHA134	20.19	T1-SBA134	16.06	T1-CHA134	20.19	T1-SBA134	16.06	T1-CHA134	20.19	T1-SBA134	16.06	T1-SBA134	16.06	T1-SBA134	16.06	T1-SBA134	16.06	T1-CHA134	20.19	T1-SBA134	16.06
T1-PRO230	16.64	T1-CHA230	7.2	T1-CHA230	7.2	T1-CHA230	7.2	T1-PRO230	16.64	T1-CHA230	7.19	T1-CHA230	7.19	T1-PRO230	16.64	T1-CHA230	7.2	T1-CHA230	7.2	T1-CHA230	7.2	T1-CHA230	7.14	T1-CHA230	7.16	T1-CHA230	7.16	T1-CHA230	7.17
T1-PRO115	0.74	T1-CHA115	27.47	T1-CHA115	27.48	T1-CHA115	27.48	T1-PRO115	0.74	T1-CHA115	27.46	T1-CHA115	27.46	T1-PRO115	0.74	T1-CHA115	27.47	T1-CHA115	27.47	T1-CHA115	27.47	T1-CHA115	27.47	T1-CHA115	27.36	T1-CHA115	27.4	T1-CHA115	27.4
T1-PRO134	16.06	T1-CHA134	20.19	T1-CHA134	20.19	T1-CHA134	20.19	T1-PRO134	16.06	T1-CHA134	20.19	T1-CHA134	20.19	T1-PRO134	16.06	T1-CHA134	20.19	T1-CHA134	20.19	T1-CHA134	20.19	T1-CHA134	20.19	T1-CHA134	20.19	T1-CHA134	20.19	T1-CHA134	20.19
T1-MDN230	17.97	T1-PRO230	16.64	T1-PRO230	16.64	T1-PRO230	16.64	T1-MDN230	17.97	T1-PRO230	16.64	T1-PRO230	16.64	T1-MDN230	17.97	T1-PRO230	16.64	T1-PRO230	16.64	T1-MDN230	17.96	T1-PRO230	16.64	T1-PRO230	16.64	T1-PRO230	16.75	T1-PRO230	16.71
T1-MDN115	13.86	T1-PRO115	0.74	T1-PRO115	0.74	T1-PRO115	0.74	T1-MDN115	13.86	T1-PRO115	0.74	T1-PRO115	0.74	T1-MDN115	13.86	T1-PRO115	0.74	T1-PRO115	0.74	T1-MDN115	13.86	T1-PRO115	0.74	T1-PRO115	0.74	T1-PRO115	0.75	T1-PRO115	0.75
T1-MDN134	14.11	T1-PRO134	16.06	T1-PRO134	16.06	T1-PRO134	16.06	T1-MDN134	14.11	T1-PRO134	16.06	T1-PRO134	16.06	T1-MDN134	14.11	T1-PRO134	16.06	T1-PRO134	16.06	T1-MDN134	14.11	T1-PRO134	16.06	T1-PRO134	16.06	T1-PRO134	16.06	T1-MDN134	14.11
T1-LSA230	21.68	T1-MDN230	17.97	T1-MDN230	17.97	T1-MDN230	17.97	T1-LSA230	21.68	T1-MDN230	17.97	T1-MDN230	17.97	T1-LSA230	21.68	T1-MDN230	17.97	T1-MDN230	17.97	T1-LSA230	29.93	T1-MDN230	17.96	T1-MDN230	17.96	T1-LSA230	21.66	T1-MDN230	20.76
T1-LSA115	17.76	T1-MDN115	13.86	T1-MDN115	13.86	T1-MDN115	13.86	T1-LSA115	17.76	T1-MDN115	13.86	T1-MDN115	13.86	T1-LSA115	17.75	T1-MDN115	13.86	T1-MDN115	13.86	T1-LSA115	38.7	T1-MDN115	13.86	T1-MDN115	13.86	T1-LSA115	17.75	T1-MDN115	18.16
T1-LSA34	26.28	T1-MDN34	14.11	T1-MDN34	14.11	T1-MDN34	14.11	T1-LSA34	26.28	T1-MDN34	14.11	T1-MDN34	14.11	T1-LSA34	26.28	T1-MDN34	14.11	T1-MDN34	14.11	T1-LSA34	51.96	T1-MDN34	14.11	T1-MDN34	14.11	T1-LSA34	26.28	T1-MDN34	17.92
T2-CHO230	41.98	T2-LSA230	21.68	T2-LSA230	21.68	T2-LSA230	21.68	T2-CHO230	41.97	T2-LSA230	21.68	T2-LSA230	21.68	T2-CHO230	57.95	T2-LSA230	21.68	T2-LSA230	21.68	T2-CHO230	41.97	T2-CHO230	41.97	T2-LSA230	21.68	T2-CHO230	41.97	T2-LSA230	21.68
T2-CHO115	8.31	T2-LSA115	17.76	T2-LSA115	17.76	T2-LSA115	17.76	T2-CHO115	8.31	T2-LSA115	17.76	T2-LSA115	17.76	T2-CHO115	11.17	T2-LSA115	17.76	T2-LSA115	17.76	T2-CHO115	8.31	T2-CHO115	8.31	T2-LSA115	17.76	T2-CHO115	8.31	T2-LSA115	17.76
T2-CHO134	35.03	T2-LSA134	26.28	T2-LSA134	26.28	T2-LSA134	26.28	T2-CHO134	35.02	T2-LSA134	26.28	T2-LSA134	26.28	T2-CHO134	49.36	T2-LSA134	26.28	T2-LSA134	26.28	T2-CHO134	35.02	T2-CHO134	35.02	T2-LSA134	26.28	T2-CHO134	35.02	T2-LSA134	26.28
T2-PANII230	46.13	T2-CHO230	41.98	T2-CHO230	41.98	T2-CHO230	41.98	T2-PANII230	60.01	T2-CHO230	41.97	T2-CHO230	41.97	T2-PANII230	43.94	T2-PANII230	43.94	T2-CHO230	57.95	T2-PANII230	43.94	T2-PANII230	43.94	T2-CHO230	41.97	T2-CHO230	41.97	T2-PANII230	43.94
T2-PANII115	47.28	T2-CHO115	8.31	T2-CHO115	8.31	T2-CHO115	8.31	T2-PANII115	61.51	T2-CHO115	8.31	T2-CHO115	8.31	T2-PANII115	45.04	T2-PANII115	45.04	T2-CHO115	11.17	T2-PANII115	45.04	T2-PANII115	45.04	T2-CHO115	8.31	T2-PANII115	45.04	T2-CHO115	8.31
T2-PANIIT2	0	T2-CHO34	35.02	T2-CHO34	35.03	T2-CHO34	35.03	T2-PANIIT2	0	T2-CHO34	35.02	T2-CHO34	35.02	T2-PANIIT2	0	T2-CHO34	49.36	T2-PANIIT2	0	T2-PANIIT2	0	T2-CHO34	35.02	T2-CHO34	35.02	T2-PANIIT2	0	T2-CHO34	35.02
T2-PAN230	56.13	T2-PANII230	44.89	T2-PANII230	46.09	T2-PANII230	46.12	T2-PAN230	44.43	T2-PAN230	44.42	T2-PANII230	60.5	T2-PAN230	43.23	T2-PAN230	43.23	T2-PANII230	43.94	T2-PAN230	43.23	T2-PAN230	43.23	T2-PANII230	43.94	T2-PAN230	43.23	T2-PANII230	43.94
T2-PAN115	56.83	T2-PANII115	46.01	T2-PANII115	47.24	T2-PANII115	47.27	T2-PAN115	44.99	T2-PAN115	44.97	T2-PANII115	62.01	T2-PAN115	43.77	T2-PAN115	43.77	T2-PANII115	45.04	T2-PAN115	43.77	T2-PAN115	43.77	T2-PANII115	45.04	T2-PAN115	43.77	T2-PANII115	45.04
T2-PANI1T2	0	T2-PANII1T	0	T2-PANII1T	0	T2-PANII1T	0	T2-PANI1T2	0	T2-PANII1T	0	T2-PANII1T	0	T2-PANI1T2	0	T2-PANII1T	0	T2-PANII1T	0	T2-PANI1T2	0	T2-PANII1T	0	T2-PANII1T	0	T2-PANI1T2	0	T2-PANII1T	0
T2-LHU230	0	T2-LHU230	0	T2-PAN230	55.92	T2-PAN230	56.12	T2-LHU230	0	T2-LHU230	0	T2-PAN230	44.47	T2-LHU230	0	T2-LHU230	0	T2-PAN230	43.23	T2-LHU230	0	T2-LHU230	0	T2-PAN230	43.23	T2-LHU230	0	T2-LHU230	0
T2-LHU115	0	T2-LHU115	0	T2-PAN115	56.62	T2-PAN115	56.82	T2-LHU115	0	T2-LHU115	0	T2-PAN115	45.03	T2-LHU115	0	T2-LHU115	0	T2-PAN115	43.77	T2-LHU115	0	T2-LHU115	0	T2-PAN115	43.77	T2-LHU115	0	T2-LHU115	0
T2-LHU134	0	T2-LHU134	0	T2-PAN13T2	0	T2-PAN13T2	0	T2-LHU134	0	T2-LHU134	0	T2-PAN13T2	0	T2-LHU134	0	T2-LHU134	0	T2-PAN13T2	0	T2-LHU134	0	T2-LHU134	0	T2-PAN13T2	0	T2-LHU134	0	T2-LHU134	0
T2-CAL230	18.23	T2-CAL230	18.23	T2-LHU230	0	T2-LHU230	0	T2-CAL230	18.23	T2-CAL230	18.23	T2-LHU230	0	T2-CAL230	18.23	T2-CAL230	18.23	T2-LHU230	0	T2-CAL230	18.23	T2-LHU230	0	T2-CAL230	18.42	T2-LHU230	0	T2-CAL230	18.23
T2-CAL115	18.23	T2-CAL115	18.23	T2-LHU115	0	T2-LHU115	0	T2-CAL115	18.23	T2-CAL115	18.23	T2-LHU115	0	T2-CAL115	18.23	T2-CAL115	18.23	T2-LHU115	0	T2-CAL115	18.42	T2-LHU115	0	T2-CAL115	18.23	T2-LHU115	0	T2-CAL115	18.23
T2-CAL342	0	T2-LHU134	0	T2-LHU134	0	T2-LHU134	0	T2-CAL342	0	T2-LHU134	0	T2-LHU134	0	T2-CAL342	0	T2-LHU134	0	T2-LHU134	0	T2-CAL342	0	T2-LHU134	0	T2-LHU134	0	T2-CAL342	0	T2-LHU134	0
T2-PAN3 230	0	T2-PAN3 230	0	T2-CAL230	18.23	T2-CAL230	18.23	T2-PAN3 230	0	T2-PAN3 230	0	T2-CAL230	18.23	T2-PAN3 230	0	T2-PAN3 230	0	T2-CAL230	18.23	T2-PAN3 230	0	T2-PAN3 230	0	T2-CAL230	18.25	T2-PAN3 230	0	T2-PAN3 230	0
T2-PAN3 115	0	T2-PAN3 115	0	T2-CAL115	18.23	T2-CAL115	18.23	T2-PAN3 115	0	T2-PAN3 115	0	T2-CAL115	18.23	T2-PAN3 115	0	T2-PAN3 115	0	T2-CAL115	18.23	T2-PAN3 115	0	T2-PAN3 115	0	T2-CAL115	18.25	T2-PAN3 115	0	T2-PAN3 115	0
T2-PAN3 13B	0	T2-PAN3 13B	0	T2-CAL342	0	T2-CAL342	0	T2-PAN3 13B	0	T2-PAN3 13B	0	T2-CAL342	0	T2-PAN3 13B	0	T2-PAN3 13B	0	T2-CAL342	0	T2-CAL342	0	T2-PAN3 13B	0	T2-CAL342	0	T2-PAN3 13B	0	T2-PAN3 13B	0
T2-CHA230	6.93	T2-CHA230	6.92	T2-PAN3 230	0	T2-PAN3 230	0	T2-CHA230	6.92	T2-CHA230	6.92	T2-PAN3 230	0	T2-CHA230	6.92	T2-CHA230	6.93	T2-PAN3 230	0	T2-CHA230	6.93	T2-CHA230	6.93	T2-PAN3 230	0	T2-CHA230	6.9	T2-PAN3 230	0
T2-CHA115	23.42	T2-CHA115	23.42	T2-PAN3 115	0	T2-PAN3 115	0	T2-CHA115	23.42	T2-CHA115	23.42	T2-PAN3 115	0	T2-CHA115	23.42	T2-CHA115	23.42	T2-PAN3 115	0	T2-CHA115	23.42	T2-CHA115	23.42	T2-PAN3 115	0	T2-CHA115	23.42	T2-PAN3 115	0
T2-CHA134	16.57	T2-CHA134	16.57	T2-PAN3 13B	0	T2-PAN3 13B	0	T2-CHA134	16.57	T2-CHA134	16.57	T2-PAN3 13B	0	T2-CHA134	16.57	T2-CHA134	16.57	T2-PAN3 13B	0	T2-CHA134	16.57	T2-CHA134	16.57	T2-PAN3 13B	0	T2-CHA134	16.57	T2-PAN3 13B	0
T2-PRO230	13.68	T2-PRO230	13.68	T2-CHA230	6.93	T2-CHA230	6.93	T2-PRO230	13.68	T2-PRO230	13.68	T2-CHA230	6.92	T2-PRO230	13.68	T2-PRO230	13.68	T2-CHA230	6.92	T2-PRO230	13.68	T2-PRO230	13.68	T2-CHA230	6.91	T2-CHA230	6.91	T2-PRO230	13.68
T2-PRO115	3.01	T2-PRO115	3.01	T2-CHA115	23.42	T2-CHA115	23.42	T2-PRO115	3.01	T2-PRO115	3.01	T2-CHA115	23.42	T2-PRO115	3.01	T2-PRO115	3.01	T2-CHA115	23.42	T2-PRO115	3.01	T2-PRO115	3.01	T2-CHA115	23.42	T2-PRO115	3.01	T2-CHA115	23.42
T2-PRO134	16.66	T2-PRO134	16.66	T2-CHA134	16.57	T2-CHA134	16.57	T2-PRO134	16.66	T2-PRO134	16.66	T2-CHA134	16.57	T2-PRO134	16.66	T2-PRO134	16.66	T2-CHA134	16.57	T2-PRO134	16.66	T2-PRO134	16.66	T2-CHA134	16.57	T2-PRO134	16.76	T2-CHA134	16.57
T2-MDN230	15.52	T2-MDN230	15.52	T2-PRO230	13.68	T2-PRO230	13.68	T2-MDN230	15.52	T2-PRO230	13.68	T2-MDN230	15.52	T2-MDN230	15.52	T2-PRO230	13.68	T2-MDN230	15.52	T2-MDN230	15.52	T2-PRO230	13.68	T2-MDN230	15.52	T2-MDN230	20.22	T2-PRO230	13.74
T2-MDN115	12.85	T2-MDN115	12.85	T2-PRO115	3.01	T2-PRO115	3.01	T2-MDN115	12.85	T2-PRO115	3.01	T2-MDN115	12.85	T2-MDN115	12.85	T2-PRO115	3.01	T2-MDN115	12.85	T2-MDN115	12.85	T2-PRO115	3.01	T2-MDN115	12.85	T2-MDN115	22.36	T2-PRO115	3.01
T2-MDN134	17.69	T2-MDN134	17.69	T2-PRO134	16.66	T2-PRO134	16.66	T2-MDN134	17.69	T2-PRO134	16.66	T2-MDN134	17.69	T2-MDN134	17.69	T2-PRO134	16.66	T2-MDN134	17.69	T2-MDN134	17.69	T2-PRO134	16.66	T2-MDN134	17.69	T2-MDN134	27.54	T2-PRO134	16.72
T2-PAN230	24.84	T3-CHO230	24.83	T2-MDN230	15.52	T3-CHO230	24.83	T3-MDN230	15.52	T3-CHO230	46.03	T2-MDN230	15.52	T3-CHO230	24.83	T2-MDN230	15.52	T3-CHO230	24.83	T2-MDN230	15.52	T3-CHO230	24.83	T2-MDN230	17.81	T3-CHO230	24.83	T3-CHO230	24.83

T3-CHO115	5.78	T3-CHO115	5.78	T2-MDN115	12.85	T2-MDN115	12.85	T3-CHO115	5.78	T3-CHO115	5.78	T2-MDN115	12.85	T3-CHO115	8.98	T3-CHO115	9.03	T2-MDN115	12.85	T3-CHO115	5.78	T3-CHO115	5.78	T2-MDN115	12.85	T3-CHO115	5.78	T3-CHO115	5.78	T2-MDN115	16.85	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78	T3-CHO115	5.78
T3-CHO34	24.03	T3-CHO34	24.03	T2-MDN34	17.69	T2-MDN34	17.69	T3-CHO34	24.03	T3-CHO34	24.03	T2-MDN34	17.69	T3-CHO34	34.15	T3-CHO34	41.94	T2-MDN34	17.69	T3-CHO34	24.03	T3-CHO34	24.03	T2-MDN34	17.69	T3-CHO34	24.03	T3-CHO34	24.03

REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

No. Cont	Cont
C1	6000-6515-1
C2	6001-6003-1D
C3	6001-6003-2D
C4	6001-6005-3A
C5	6001-6005-4A
C6	6001-6840-7A
C7	6001-6840-8A
C8	6002-6018-1
C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
C13	6003-6171-1C
C14	6003-6470-2C
C15	6003-6801-54
C16	6003-6801-55
C17	6003-6840-2A
C18	6003-6840-3A
C19	6005-6008-50
C20	6005-6240-3B
C21	6005-6240-4B
C22	6005-6830-9A
C23	6005-6840-7B
C24	6005-6840-8B
C25	6008-6182-51
C26	6008-6182-52
C27	6008-6240-3C
C28	6008-6240-4C
C29	6008-6460-2D
C30	6008-6460-3D
C31	6008-6520-4A
C32	6008-6520-5A
C33	6008-6830-9B
C34	6008-6885-5A
C35	6008-6885-6A
C36	6011-6014-39
C37	6011-6182-5D
C38	6011-6182-6D
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C41	6011-6800-8A
C42	6012-6087-15
C43	6012-6087-16
C44	6014-6380-9B
C45	6014-6515-1
C46	6014-6515-2
C47	6018-6173-1A
C48	6018-6173-2A
C49	6024-6060-3B
C50	6059-6173-2B
C51	6059-6290-1C
C52	6060-6170-4B
C53	6096-6179-18
C54	6096-6426-7C
C55	6096-6800-8B
C56	6096-6837-0A
C57	6100-6861-1A
C58	6100-6861-2A
C59	6167-6801-1
C60	6167-6801-2
C61	6171-6861-1B
C62	6173-6290-1B
C63	6179-6182-16
C64	6179-6182-17
C65	6179-6401-29
C66	6182-6440-5A
C67	6182-6520-4B
C68	6182-6520-5B
C69	6182-6550-6C
C70	6182-6969-5C
C71	6260-6263-0C
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C73	6260-6837-0B
C74	6263-6837-0B
C75	6340-6401-29
C76	6340-6837-0A
C77	6405-6801-1
C78	6405-6801-2
C79	6405-6808-1
C80	6426-6800-7B
C81	6440-6500-5B
C82	6460-6713-2C
C83	6460-6713-3C
C84	6470-6861-2B
C85	6550-6885-6B
C86	6713-6840-2B
C87	6713-6840-3B
C88	6801-6808-1
C89	6801-6840-1
C90	6801-6840-2
C91	6837-6840-1
C92	6837-6840-2
C93	6885-6969-5B
C94	6087-6300-T1
C95	6167-6173-T1
C96	6167-6173-T2
C97	6340-6341-T1
C98	6370-6380-T2
C99	6370-6380-T3
C100	6380-6381-T1
C101	6515-6516-T1
C102	6515-6516-T2
C103	6811-6812-T4
C104	6816-6817-T4
C105	6001-6002-6082-T1
C106	6001-6002-6083-T2
C107	6001-6002-6084-T3
C108	6001-6002-6084-T5
C109	6003-6004-6085-T1
C110	6003-6004-6086-T2
C111	6003-6004-6109-T3
C112	6005-6006-6007-T1
C113	6005-6006-6007-T2
C114	6005-6006-6007-T3
C115	6008-6009-6010-T1
C116	6008-6009-6010-T2
C117	6008-6009-6010-T3
C118	6011-6012-6013-T1
C119	6011-6012-6013-T2
C120	6011-6012-6013-T3
C121	6014-6015-6016-T1
C122	6014-6015-6016-T2
C123	6260-6261-6262-T1
C124	6260-6261-6262-T2
C125	6520-6521-6522-T1
C126	6520-6521-6522-T2
C127	6800-6087-6809-T1
C128	6800-6087-6809-T2
C129	6840-6841-6842-T1
C130	6840-6841-6843-T2
C131	6885-6886-6887-T1
C132	6885-6886-6887-T2
C133	6360-6179-22
C134	6460-6461-T1
C135	6460-6462-T2
C136	6460-6472-T3
C137	6751-6752-T1
C138	6811-6812-T4
C139	6816-6817-T4
C140	6840-6821-2
C141	6090-E1
C142	6094-L1
C143	6097-F1
C144	6101-B1
C145	6476-E1
C146	6264-G1
C147	6406-G1
C148	6408-V1
C149	6804-G1
C150	6807-V1
C151	6756-G1

10502

2026 LLUVIOSA

| Node A | Num Node A | Node B | Num Node B | ID | Kahala4 Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 |

| Node | Numero | Y nominal | V pu | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 |
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| Node/PC | Mode C_Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 | C154 | C155 | C156 | C157 | C158 | C159 | C160 | C161 | C162 | C163 | C164 | C165 | C166 | C167 | C168 | C169 | C170 | C171 | C172 | C173 | C174 | C175 | C176 | C177 | C178 | C179 | C180 | C181 | C182 | C183 | C184 | C185 | C186 | C187 | C188 | C189 | C190 | C191 | C192 | C193 | C194 | C195 | C196 | C197 | C198 | C199 | C200 | C201 | C202 | C203 | C204 | C205 | C206 | C207 | C208 | C209 | C210 | C211 | C212 | C213 | C214 | C215 | C216 | C217 | C218 | C219 | C220 | C221 | C222 | C223 | C224 | C225 | C226 | C227 | C228 | C229 | C230 | C231 | C232 | C233 | C234 | C235 | C236 | C237 | C238 | C239 | C240 | C241 | C242 | C243 | C244 | C245 | C246 | C247 | C248 | C249 | C250 | C251 | C252 | C253 | C254 | C255 | C256 | C257 | C258 | C259 | C260 | C261 | C262 | C263 | C264 | C265 | C266 | C267 | C268 | C269 | C270 | C271 | C272 | C273 | C274 | C275 | C276 | C277 | C278 | C279 | C280 | C281 | C282 | C283 | C284 | C285 | C286 | C287 | C288 | C289 | C290 | C291 | C292 | C293 | C294 | C295 | C296 | C297 | C298 | C299 | C300 | C301 | C302 | C303 | C304 | C305 | C306 | C307 | C308 | C309 | C310 | C311 | C312 | C313 | C314 | C315 | C316 | C317 | C318 | C319 | C320 | C321 | C322 | C323 | C324 | C325 | C326 | C327 | C328 | C329 | C330 | C331 | C332 | C333 | C334 | C335 | C336 | C337 | C338 | C339 | C340 | C341 | C342 | C343 | C344 | C345 | C346 | C347 | C348 | C349 | C350 | C351 | C352 | C353 | C354 | C355 | C356 | C357 | C358 | C359 | C360 | C361 | C362 | C363 | C364 | C365 | C366 | C367 | C368 | C369 | C370 | C371 | C372 | C373 | C374 | C375 | C376 | C377 | C378 | C379 | C380 | C381 | C382 | C383 | C384 | C385 | C386 | C387 | C388 | C389 | C390 | C391 | C392 | C393 | C394 | C395 | C396 | C397 | C398 | C399 | C400 | C401 | C402 | C403 | C404 | C405 | C406 | C407 | C408 | C409 | C410 | C411 | C412 | C413 | C414 | C415 | C416 | C417 | C418 | C419 | C420 | C421 | C422 | C423 | C424 | C425 | C426 | C427 | C428 | C429 | C430 | C431 | C432 | C433 | C434 | C435 | C436 | C437 | C438 | C439 | C440 | C441 | C442 | C443 | C444 | C445 | C446 | C447 | C448 | C449 | C450 | C451 | C452 | C453 | C454 | C455 | C456 | C457 | C458 | C459 | C460 | C461 | C462 | C463 | C464 | C465 | C466 | C467 | C468 | C469 | C470 | C471 | C472 | C473 | C474 | C475 | C476 | C477 | C478 | C479 | C480 | C481 | C482 | C483 | C484 | C485 | C486 | C487 | C488 | C489 | C490 | C491 | C492 | C493 | C494 | C495 | C496 | C497 | C498 | C499 | C500 | C501 | C502 | C503 | C504 | C505 | C506 | C507 | C508 | C509 | C510 | C511 | C512 | C513 | C514 | C515 | C516 | C517 | C518 | C519 | C520 | C521 | C522 | C523 | C524 | C525 | C526 | C527 | C528 | C529 | C530 | C531 | C532 | C533 | C534 |
|---|---|---

| LTX106 | C106 | LTX107 | C107 | LTX108 | C108 | LTX109 | C109 | LTX110 | C110 | LTX111 | C111 | LTX112 | C112 | LTX113 | C113 | LTX114 | C114 | LTX115 | C115 | LTX116 | C116 | LTX117 | C117 | LTX118 | C118 | LTX119 | C119 | LTX120 | C120 | LTX121 | C121 | LTX122 | C122 | LTX123 | C123 | LTX124 | C124 | LTX125 | C125 | LTX126 | C126 | LTX127 | C127 | LTX128 | C128 | LTX129 | C129 | LTX130 | C130 | LTX131 | C131 | LTX132 | C132 | LTX133 | C133 | LTX134 | C134 | LTX135 | C135 | LTX136 | C136 | LTX137 | C137 | LTX138 | C138 |
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REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

No. Cont	Cont
C1	6000-6515-1
C2	6001-6003-1D
C3	6001-6003-2D
C4	6001-6005-3A
C5	6001-6005-4A
C6	6001-6840-7A
C7	6001-6840-8A
C8	6002-6018-1
C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
C13	6003-6171-1C
C14	6003-6470-2C
C15	6003-6801-55
C16	6003-6840-2A
C17	6003-6840-3A
C18	6003-6882-4A
C19	6005-6008-50
C20	6005-6240-3B
C21	6005-6240-4B
C22	6005-6830-9A
C23	6005-6840-7B
C24	6005-6840-8B
C25	6008-6182-51
C26	6008-6182-52
C27	6008-6240-3C
C28	6008-6240-4C
C29	6008-6460-2D
C30	6008-6460-3D
C31	6008-6520-4A
C32	6008-6520-5A
C33	6008-6830-9B
C34	6008-6885-5A
C35	6008-6885-6A
C36	6011-6014-39
C37	6011-6182-5D
C38	6011-6182-6D
C39	6011-6380-9A
C40	6011-6800-7A
C41	6011-6800-8A
C42	6012-6087-15
C43	6012-6087-16
C44	6014-6380-9B
C45	6014-6515-1
C46	6014-6515-2
C47	6018-6173-1A
C48	6018-6173-2A
C49	6024-6060-3B
C50	6059-6173-2B
C51	6059-6290-1C
C52	6060-6170-4B
C53	6096-6179-18
C54	6096-6426-7C
C55	6096-6800-8B
C56	6096-6837-0A
C57	6100-6861-1A
C58	6100-6861-2A
C59	6167-6801-1
C60	6167-6801-2
C61	6171-6861-1B
C62	6173-6290-1B
C63	6179-6182-16
C64	6179-6182-17
C65	6179-6401-29
C66	6182-6440-5A
C67	6182-6520-4B
C68	6182-6520-5B
C69	6182-6550-6C
C70	6182-6969-5C
C71	6260-6263-0C
C72	6260-6400-21
C73	6260-6837-0B
C74	6263-6837-0B
C75	6340-6401-29
C76	6340-6837-0A
C77	6405-6801-1
C78	6405-6801-2
C79	6405-6808-1
C80	6426-6800-7B
C81	6440-6500-5B
C82	6460-6713-2C
C83	6460-6713-3C
C84	6470-6861-2B
C85	6550-6885-6B
C86	6713-6840-2B
C87	6713-6840-3B
C88	6801-6808-1
C89	6801-6840-1
C90	6801-6840-2
C91	6801-6882-4B
C92	6837-6840-1
C93	6837-6840-2
C94	6885-6969-5B
C95	6087-6300-T1
C96	6167-6173-T1
C97	6167-6173-T2
C98	6340-6341-T1
C99	6370-6380-T2
C100	6370-6380-T3
C101	6380-6381-T1
C102	6515-6516-T1
C103	6515-6516-T2
C104	6811-6812-T4
C105	6816-6817-T4
C106	6001-6002-6082-T1
C107	6001-6002-6083-T2
C108	6001-6002-6084-T3
C109	6001-6002-6084-T5
C110	6003-6004-6085-T1
C111	6003-6004-6086-T2
C112	6003-6004-6109-T3
C113	6005-6006-6007-T1
C114	6005-6006-6007-T2
C115	6005-6006-6007-T3
C116	6008-6009-6010-T1
C117	6008-6009-6010-T2
C118	6008-6009-6010-T3
C119	6011-6012-6013-T1
C120	6011-6012-6013-T2
C121	6011-6012-6013-T3
C122	6014-6015-6016-T1
C123	6014-6015-6016-T2
C124	6260-6261-6262-T1
C125	6260-6261-6262-T2
C126	6520-6521-6522-T1
C127	6520-6521-6522-T2
C128	6800-6087-6809-T1
C129	6800-6087-6809-T2
C130	6840-6841-6842-T1
C131	6840-6841-6843-T2
C132	6885-6886-6887-T1
C133	6885-6886-6887-T2
C134	6360-6179-22
C135	6460-6461-T1
C136	6460-6462-T2
C137	6460-6472-T3
C138	6751-6752-T1
C139	6811-6812-T4
C140	6816-6817-T4
C141	6840-6821-2
C142	6090-E1
C143	6094-L1
C144	6097-F1
C145	6101-B1
C146	6476-E1
C147	6264-G1
C148	6406-G1
C149	6408-V1
C150	6804-G1
C151	6807-V1
C152	6756-G1

10509

2027 LLUVIOSA

| Node/PC | MAIN C_Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 |

| TX | %RateA | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 |
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| LTX106 | C106 | LTX107 | C107 | LTX108 | C108 | LTX109 | C109 | LTX110 | C110 | LTX111 | C111 | LTX112 | C112 | LTX113 | C113 | LTX114 | C114 | LTX115 | C115 | LTX116 | C116 | LTX117 | C117 | LTX118 | C118 | LTX119 | C119 | LTX120 | C120 | LTX121 | C121 | LTX122 | C122 | LTX123 | C123 | LTX124 | C124 | LTX125 | C125 | LTX126 | C126 | LTX127 | C127 | LTX128 | C128 | LTX129 | C129 | LTX130 | C130 | LTX131 | C131 | LTX132 | C132 | LTX133 | C133 | LTX134 | C134 | LTX135 | C135 | LTX136 | C136 | LTX137 | C137 | LTX138 | C138 |
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REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

No. Cont	Cont
C1	6000-6515-1
C2	6001-6003-1D
C3	6001-6003-2D
C4	6001-6005-3A
C5	6001-6005-4A
C6	6001-6840-7A
C7	6001-6840-8A
C8	6002-6018-1
C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
C13	6003-6171-1C
C14	6003-6470-2C
C15	6003-6801-55
C16	6003-6840-2A
C17	6003-6840-3A
C18	6003-6882-4A
C19	6005-6008-50
C20	6005-6240-3B
C21	6005-6240-4B
C22	6005-6830-9A
C23	6005-6840-7B
C24	6005-6840-8B
C25	6008-6182-51
C26	6008-6182-52
C27	6008-6240-3C
C28	6008-6240-4C
C29	6008-6460-2D
C30	6008-6460-3D
C31	6008-6520-4A
C32	6008-6520-5A
C33	6008-6830-9B
C34	6008-6885-5A
C35	6008-6885-6A
C36	6011-6014-39
C37	6011-6182-5D
C38	6011-6182-6D
C39	6011-6380-9A
C40	6011-6800-7A
C41	6011-6800-8A
C42	6012-6087-15
C43	6012-6087-16
C44	6014-6380-9B
C45	6014-6515-1
C46	6014-6515-2
C47	6018-6173-1A
C48	6018-6173-2A
C49	6024-6060-3B
C50	6059-6173-2B
C51	6059-6290-1C
C52	6060-6170-4B
C53	6096-6179-18
C54	6096-6426-7C
C55	6096-6800-8B
C56	6096-6837-0A
C57	6100-6861-1A
C58	6100-6861-2A
C59	6167-6801-1
C60	6167-6801-2
C61	6171-6861-1B
C62	6173-6290-1B
C63	6179-6182-16
C64	6179-6182-17
C65	6179-6401-29
C66	6182-6440-5A
C67	6182-6520-4B
C68	6182-6520-5B
C69	6182-6550-6C
C70	6182-6969-5C
C71	6260-6263-0C
C72	6260-6400-21
C73	6260-6837-0B
C74	6263-6837-0B
C75	6340-6401-29
C76	6340-6837-0A
C77	6405-6801-1
C78	6405-6801-2
C79	6405-6808-1
C80	6426-6800-7B
C81	6440-6500-5B
C82	6460-6713-2C
C83	6460-6713-3C
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C85	6550-6885-6B
C86	6713-6840-2B
C87	6713-6840-3B
C88	6801-6808-1
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C92	6837-6840-1
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C94	6885-6969-5B
C95	6087-6300-T1
C96	6167-6173-T1
C97	6167-6173-T2
C98	6340-6341-T1
C99	6370-6380-T2
C100	6370-6380-T3
C101	6380-6381-T1
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C103	6515-6516-T2
C104	6811-6812-T4
C105	6816-6817-T4
C106	6001-6002-6082-T1
C107	6001-6002-6083-T2
C108	6001-6002-6084-T3
C109	6001-6002-6084-T5
C110	6003-6004-6085-T1
C111	6003-6004-6086-T2
C112	6003-6004-6109-T3
C113	6005-6006-6007-T1
C114	6005-6006-6007-T2
C115	6005-6006-6007-T3
C116	6008-6009-6010-T1
C117	6008-6009-6010-T2
C118	6008-6009-6010-T3
C119	6011-6012-6013-T1
C120	6011-6012-6013-T2
C121	6011-6012-6013-T3
C122	6014-6015-6016-T1
C123	6014-6015-6016-T2
C124	6260-6261-6262-T1
C125	6260-6261-6262-T2
C126	6520-6521-6522-T1
C127	6520-6521-6522-T2
C128	6800-6087-6809-T1
C129	6800-6087-6809-T2
C130	6840-6841-6842-T1
C131	6840-6841-6843-T2
C132	6885-6886-6887-T1
C133	6885-6886-6887-T2
C134	6360-6179-22
C135	6460-6461-T1
C136	6460-6462-T2
C137	6460-6472-T3
C138	6751-6752-T1
C139	6811-6812-T4
C140	6816-6817-T4
C141	6840-6821-2
C142	6090-E1
C143	6094-L1
C144	6097-F1
C145	6101-B1
C146	6476-E1
C147	6264-G1
C148	6406-G1
C149	6408-V1
C150	6804-G1
C151	6807-V1
C152	6756-G1

REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

2028 LLUVIOSA

| Node A | Num Node A | Node B | Num Node B | ID | Tahuta A Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 | C154 | C155 | C156 | C157 | C158 | C159 | C160 | C161 | C162 | C163 | C164 | C165 | C166 | C167 | C168 | C169 | C170 | C171 | C172 | C173 | C174 | C175 | C176 | C177 | C178 | C179 | C180 | C181 | C182 | C183 | C184 | C185 | C186 | C187 | C188 | C189 | C190 | C191 | C192 | C193 | C194 | C195 | C196 | C197 | C198 | C199 | C200 | C201 | C202 | C203 | C204 | C205 | C206 | C207 | C208 | C209 | C210 | C211 | C212 | C213 | C214 | C215 | C216 | C217 | C218 | C219 | C220 | C221 | C222 | C223 | C224 | C225 | C226 | C227 | C228 | C229 | C230 | C231 | C232 | C233 | C234 | C235 | C236 | C237 | C238 | C239 | C240 |
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| Node | Numero | Y nominal | V pu | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 | C154 | C155 | C156 | C157 | C158 | C159 | C160 | C161 | C162 | C163 | C164 | C165 | C166 | C167 | C168 | C169 | C170 | C171 | C172 | C173 | C174 | C175 | C176 | C177 | C178 | C179 | C180 | C181 | C182 | C183 | C184 | C185 | C186 | C187 | C188 | C189 | C190 | C191 | C192 | C193 | C194 | C195 | C196 | C197 | C198 | C199 | C200 | C201 | C202 | C203 | C204 | C205 | C206 | C207 | C208 | C209 | C210 | C211 | C212 | C213 | C214 | C215 | C216 | C217 | C218 | C219 | C220 | C221 | C222 | C223 | C224 | C225 | C226 | C227 | C228 | C229 | C230 | C231 | C232 | C233 | C234 | C235 | C236 | C237 | C238 | C239 | C240 | C241 | C242 | C243 | C244 | C245 | C246 | C247 | C248 | C249 | C250 | C251 | C252 | C253 | C254 | C255 | C256 | C257 | C258 | C259 | C260 | C261 | C262 | C263 | C264 | C265 | C266 | C267 | C268 | C269 | C270 | C271 | C272 | C273 | C274 | C275 | C276 | C277 | C278 | C279 | C280 | C281 | C282 | C283 | C284 | C285 | C286 | C287 | C288 | C289 | C290 | C291 | C292 | C293 | C294 | C295 | C296 | C297 | C298 | C299 | C300 | C301 | C302 | C303 | C304 | C305 | C306 | C307 | C308 | C309 | C310 | C311 | C312 | C313 | C314 | C315 | C316 | C317 | C318 | C319 | C320 | C321 | C322 | C323 | C324 | C325 | C326 | C327 | C328 | C329 | C330 |
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| Node/DC | MMN-C_Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 |

| LTX106 | C106 | LTX107 | C107 | LTX108 | C108 | LTX109 | C109 | LTX110 | C110 | LTX111 | C111 | LTX112 | C112 | LTX113 | C113 | LTX114 | C114 | LTX115 | C115 | LTX116 | C116 | LTX117 | C117 | LTX118 | C118 | LTX119 | C119 | LTX120 | C120 | LTX121 | C121 | LTX122 | C122 | LTX123 | C123 | LTX124 | C124 | LTX125 | C125 | LTX126 | C126 | LTX127 | C127 | LTX128 | C128 | LTX129 | C129 | LTX130 | C130 | LTX131 | C131 | LTX132 | C132 | LTX133 | C133 | LTX134 | C134 | LTX135 | C135 | LTX136 | C136 | LTX137 | C137 | LTX138 | C138 |
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REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

No. Cont	Cont
C1	6000-6515-1
C2	6001-6003-1D
C3	6001-6003-2D
C4	6001-6005-3A
C5	6001-6005-4A
C6	6001-6840-7A
C7	6001-6840-8A
C8	6002-6018-1
C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
C13	6003-6171-1C
C14	6003-6470-2C
C15	6003-6801-55
C16	6003-6840-2A
C17	6003-6840-3A
C18	6003-6882-4A
C19	6005-6008-50
C20	6005-6240-3B
C21	6005-6240-4B
C22	6005-6830-9A
C23	6005-6840-7B
C24	6005-6840-8B
C25	6008-6182-51
C26	6008-6182-52
C27	6008-6240-3C
C28	6008-6240-4C
C29	6008-6460-2D
C30	6008-6460-3D
C31	6008-6520-4A
C32	6008-6520-5A
C33	6008-6830-9B
C34	6008-6885-5A
C35	6008-6885-6A
C36	6011-6014-39
C37	6011-6182-5D
C38	6011-6182-6D
C39	6011-6380-9A
C40	6011-6800-7A
C41	6011-6800-8A
C42	6012-6087-15
C43	6012-6087-16
C44	6014-6380-9B
C45	6014-6515-1
C46	6014-6515-2
C47	6018-6173-1A
C48	6018-6173-2A
C49	6024-6060-3B
C50	6059-6173-2B
C51	6059-6290-1C
C52	6060-6170-4B
C53	6096-6179-18
C54	6096-6426-7C
C55	6096-6800-8B
C56	6096-6837-0A
C57	6100-6861-1A
C58	6100-6861-2A
C59	6167-6801-1
C60	6167-6801-2
C61	6171-6861-1B
C62	6173-6290-1B
C63	6179-6182-16
C64	6179-6182-17
C65	6179-6401-29
C66	6182-6440-5A
C67	6182-6520-4B
C68	6182-6520-5B
C69	6182-6550-6C
C70	6182-6969-5C
C71	6260-6263-0C
C72	6260-6400-21
C73	6260-6837-0B
C74	6263-6837-0B
C75	6340-6401-29
C76	6340-6837-0A
C77	6405-6801-1
C78	6405-6801-2
C79	6405-6808-1
C80	6426-6800-7B
C81	6440-6500-5B
C82	6460-6713-2C
C83	6460-6713-3C
C84	6470-6861-2B
C85	6550-6885-6B
C86	6713-6840-2B
C87	6713-6840-3B
C88	6801-6808-1
C89	6801-6840-1
C90	6801-6840-2
C91	6801-6882-4B
C92	6837-6840-1
C93	6837-6840-2
C94	6885-6969-5B
C95	6087-6300-T1
C96	6167-6173-T1
C97	6167-6173-T2
C98	6340-6341-T1
C99	6370-6380-T2
C100	6370-6380-T3
C101	6380-6381-T1
C102	6515-6516-T1
C103	6515-6516-T2
C104	6811-6812-T4
C105	6816-6817-T4
C106	6001-6002-6082-T1
C107	6001-6002-6083-T2
C108	6001-6002-6084-T3
C109	6001-6002-6084-T5
C110	6003-6004-6085-T1
C111	6003-6004-6086-T2
C112	6003-6004-6109-T3
C113	6005-6006-6007-T1
C114	6005-6006-6007-T2
C115	6005-6006-6007-T3
C116	6008-6009-6010-T1
C117	6008-6009-6010-T2
C118	6008-6009-6010-T3
C119	6011-6012-6013-T1
C120	6011-6012-6013-T2
C121	6011-6012-6013-T3
C122	6014-6015-6016-T1
C123	6014-6015-6016-T2
C124	6260-6261-6262-T1
C125	6260-6261-6262-T2
C126	6520-6521-6522-T1
C127	6520-6521-6522-T2
C128	6800-6087-6809-T1
C129	6800-6087-6809-T2
C130	6840-6841-6842-T1
C131	6840-6841-6843-T2
C132	6885-6886-6887-T1
C133	6885-6886-6887-T2
C134	6360-6179-22
C135	6460-6461-T1
C136	6460-6462-T2
C137	6460-6472-T3
C138	6751-6752-T1
C139	6811-6812-T4
C140	6816-6817-T4
C141	6840-6821-2
C142	6090-E1
C143	6094-L1
C144	6097-F1
C145	6101-B1
C146	6476-E1
C147	6264-G1
C148	6406-G1
C149	6408-V1
C150	6804-G1
C151	6807-V1
C152	6756-G1

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2029 LLUVIOSA

| Node | Numero | Y nominal | V pu | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 |
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| Node ID | White_Base | c1 | c2 | c3 | c4 | c5 | c6 | c7 | c8 | c9 | c10 | c11 | c12 | c13 | c14 | c15 | c16 | c17 | c18 | c19 | c20 | c21 | c22 | c23 | c24 | c25 | c26 | c27 | c28 | c29 | c30 | c31 | c32 | c33 | c34 | c35 | c36 | c37 | c38 | c39 | c40 | c41 | c42 | c43 | c44 | c45 | c46 | c47 | c48 | c49 | c50 | c51 | c52 | c53 | c54 | c55 | c56 | c57 | c58 | c59 | c60 | c61 | c62 | c63 | c64 | c65 | c66 | c67 | c68 | c69 | c70 | c71 | c72 | c73 | c74 | c75 | c76 | c77 | c78 | c79 | c80 | c81 | c82 | c83 | c84 | c85 | c86 | c87 | c88 | c89 | c90 | c91 | c92 | c93 | c94 | c95 | c96 | c97 | c98 | c99 | c100 | c101 | c102 | c103 | c104 | c105 | c106 | c107 | c108 | c109 | c110 | c111 | c112 | c113 | c114 | c115 | c116 | c117 | c118 | c119 | c120 | c121 | c122 | c123 | c124 | c125 | c126 | c127 | c128 | c129 | c130 | c131 | c132 | c133 | c134 | c135 | c136 | c137 | c138 | c139 | c140 | c141 | c142 | c143 | c144 | c145 | c146 | c147 | c148 | c149 | c150 | c151 | c152 | c153 | c154 | c155 | c156 | c157 | c158 | c159 | c160 | c161 | c162 | c163 | c164 | c165 | c166 | c167 | c168 | c169 | c170 | c171 | c172 | c173 | c174 | c175 | c176 | c177 | c178 | c179 | c180 | c181 | c182 | c183 | c184 | c185 | c186 | c187 | c188 | c189 | c190 | c191 | c192 | c193 | c194 | c195 | c196 | c197 | c198 | c199 | c200 | c201 | c202 | c203 | c204 | c205 | c206 | c207 | c208 | c209 | c210 | c211 | c212 | c213 | c214 | c215 | c216 | c217 | c218 | c219 | c220 | c221 | c222 | c223 | c224 | c225 | c226 | c227 | c228 | c229 | c230 | c231 | c232 | c233 | c234 | c235 | c236 | c237 | c238 | c239 | c240 | c241 | c242 | c243 | c244 | c245 | c246 | c247 | c248 | c249 | c250 | c251 | c252 | c253 | c254 | c255 | c256 | c257 | c258 | c259 | c260 | c261 | c262 | c263 | c264 | c265 | c266 | c267 | c268 | c269 | c270 | c271 | c272 | c273 | c274 | c275 | c276 | c277 | c278 | c279 | c280 | c281 | c282 | c283 | c284 | c285 | c286 | c287 | c288 | c289 | c290 | c291 | c292 | c293 | c294 | c295 | c296 | c297 | c298 | c299 | c300 | c301 | c302 | c303 | c304 | c305 | c306 | c307 | c308 | c309 | c310 | c311 | c312 | c313 | c314 | c315 | c316 | c317 | c318 | c319 | c320 | c321 | c322 | c323 | c324 | c325 | c326 | c327 | c328 | c329 | c330 | c331 | c332 | c333 | c334 | c335 | c336 | c337 | c338 | c339 | c340 | c341 | c342 | c343 | c344 | c345 | c346 | c347 | c348 | c349 | c350 | c351 | c352 | c353 | c354 | c355 | c356 | c357 | c358 | c359 | c360 | c361 | c362 | c363 | c364 | c365 | c366 | c367 | c368 | c369 | c370 | c371 | c372 | c373 | c374 | c375 | c376 | c377 | c378 | c379 | c380 | c381 | c382 | c383 | c384 | c385 | c386 | c387 | c388 | c389 | c390 | c391 | c392 | c393 | c394 | c395 | c396 | c397 | c398 | c399 | c400 | c401 | c402 | c403 | c404 | c405 | c406 | c407 | c408 | c409 | c410 | c411 | c412 | c413 | c414 | c415 | c416 | c417 | c418 | c419 | c420 | c421 | c422 | c423 | c424 | c425 | c426 | c427 | c428 | c429 | c430 | c431 | c432 | c433 | c434 | c435 | c436 | c437 | c438 | c439 | c440 | c441 | c442 | c443 | c444 | c445 | c446 | c447 | c448 | c449 | c450 | c451 | c452 | c453 | c454 | c455 | c456 | c457 | c458 | c459 | c460 | c461 | c462 | c463 | c464 | c465 | c466 | c467 | c468 | c469 | c470 | c471 | c472 | c473 | c474 | c475 | c476 | c477 | c478 | c479 | c480 | c481 | c482 | c483 | c484 | c485 | c486 | c487 | c488 | c489 | c490 | c491 | c492 | c493 | c494 | c495 | c496 | c497 | c498 | c499 | c500 | c501 | c502 | c503 | c504 | c505 | c506 | c507 | c508 | c509 | c510 | c511 | c512 | c513 | c514 | c515 | c516 | c517 | c518 | c519 | c520 | c521 | c522 | c523 | c524 | c525 | c526 | c527 | c528 | c529 | c530 | c531 | c532 | c533 | c534 | c535 | c536 | c537 | c538 | c539 | c540 | c541 | c542 | c543 | c544 | c545 | c546 | c547 | c548 | c549 | c550 | c551 | c552 | c553 | c554 | c555 | c556 | c557 | c558 | c559 | c560 | c561 | c562 | c563 | c564 | c565 | c566 | c567 | c568 | c569 | c570 | c571 | c572 | c573 | c574 | c575 | c576 | c577 | c578 | c579 | c580 | c581 | c582 | c583 | c584 | c585 | c586 | c587 | c588 | c589 | c590 | c591 | c592 | c593 | c594 | c595 | c596 | c597 | c598 | c599 | c600 | c601 | c602 | c603 | c604 | c605 | c606 | c607 | c608 | c609 | c610 | c611 | c612 | c613 | c614 | c615 | c616 | c617 | c618 | c619 | c620 | c621 | c622 | c623 | c624 | c625 | c626 | c627 | c628 | c629 | c630 | c631 | c632 | c633 | c634 | c635 | c636 | c637 | c638 | c639 | c640 | c641 | c642 | c643 | c644 | c645 | c646 | c647 | c648 | c649 | c650 | c651 | c652 | c653 | c654 | c655 | c656 | c657 | c658 | c659 | c660 | c661 | c662 | c663 | c664 | c665 | c666 | c667 | c668 | c669 | c670 | c671 | c672 | c673 | c674 | c675 | c676 | c677 | c678 | c679 | c680 | c681 | c682 | c683 | c684 | c685 | c686 | c687 | c688 | c689 | c690 | c691 | c692 | c693 | c694 | c695 | c696 | c697 | c698 | c699 | c700 | c701 | c702 | c703 | c704 | c705 | c706 | c707 | c708 | c709 | c710 | c711 | c712 | c713 | c714 | c715 | c716 | c717 | c718 | c719 | c720 | c721 | c722 | c723 | c724 | c725 | c726 | c727 | c728 | c729 | c730 | c731 | c732 | c733 | c734 | c735 | c736 | c737 | c738 | c739 | c740 | c741 | c742 | c743 | c744 | c745 | c746 | c747 | c748 | c749 | c750 | c751 | c752 | c753 | c754 | c755 | c756 | c757 | c758 | c759 | c760 | c761 | c762 | c763 | c764 | c765 | c766 | c767 | c768 | c769 | c770 | c771 | c772 | c773 | c774 | c775 | c776 | c777 | c778 | c779 | c780 | c781 | c782 | c783 | c784 | c785 | c786 | c787 | c788 | c789 | c790 | c791 | c792 | c793 | c794 | c795 | c796 | c797 | c798 | c799 | c800 | c801 | c802 | c803 | c804 | c805 | c806 | c807 | c808 | c809 | c810 | c811 | c812 | c813 | c814 | c815 | c816 | c817 | c818 | c819 | c820 | c821 | c822 | c823 | c824 | c825 | c826 | c827 | c828 | c829 | c830 | c831 | c832 | c833 | c834 | c835 | c836 | c837 | c838 | c839 | c840 | c841 | c842 | c843 | c844 | c845 | c846 | c847 | c848 | c849 | c850 | c851 | c852 | c853 | c854 | c855 | c856 | c857 | c858 | c859 | c860 | c861 | c862 | c863 | c864 | c865 | c866 | c867 | c868 | c869 | c870 | c871 | c872 | c873 | c874 | c875 | c876 | c877 | c878 | c879 | c880 | c881 | c882 | c883 | c884 | c885 | c886 | c887 | c888 | c889 | c890 | c891 | c892 | c893 | c894 | c895 | c896 | c897 | c898 | c899 | c900 | c901 | c902 | c903 | c904 | c905 | c906 | c907 | c908 | c909 | c910 | c911 | c912 | c913 | c914 | c915 | c916 | c917 | c918 | c919 | c920 | c921 | c922 | c923 | c924 | c925 | c926 | c927 | c928 | c929 | c930 | c931 | c932 | c933 | c934 | c935 | c936 | c937 | c938 | c939 | c940 | c941 | c942 | c943 | c944 | c945 | c946 | c947 | c948 | c949 | c950 | c951 | c952 | c953 | c954 | c955 | c956 | c957 | c958 | c959 | c960 | c961 | c962 | c963 | c964 | c965 | c966 | c967 | c968 | c969 | c970 | c971 | c972 | c973 | c974 | c975 | c976 | c977 | c978 | c979 | c980 | c981 | c982 | c983 | c984 | c985 | c986 | c987 | c988 | c989 | c990 | c991 | c992 | c993 | c994 | c995 | c996 | c997 | c998 | c999 | c1000 |
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| TX | %RateA | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 |
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| LTX106 | C106 | LTX107 | C107 | LTX108 | C108 | LTX109 | C109 | LTX110 | C110 | LTX111 | C111 | LTX112 | C112 | LTX113 | C113 | LTX114 | C114 | LTX115 | C115 | LTX116 | C116 | LTX117 | C117 | LTX118 | C118 | LTX119 | C119 | LTX120 | C120 | LTX121 | C121 | LTX122 | C122 | LTX123 | C123 | LTX124 | C124 | LTX125 | C125 | LTX126 | C126 | LTX127 | C127 | LTX128 | C128 | LTX129 | C129 | LTX130 | C130 | LTX131 | C131 | LTX132 | C132 | LTX133 | C133 | LTX134 | C134 | LTX135 | C135 | LTX136 | C136 | LTX137 | C137 | LTX138 | C138 |
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REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

No. Cont	Cont
C1	6000-6515-1
C2	6001-6003-1D
C3	6001-6003-2D
C4	6001-6005-3A
C5	6001-6005-4A
C6	6001-6840-7A
C7	6001-6840-8A
C8	6002-6018-1
C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
C13	6003-6171-1C
C14	6003-6470-2C
C15	6003-6801-55
C16	6003-6840-2A
C17	6003-6840-3A
C18	6003-6882-4A
C19	6005-6008-50
C20	6005-6240-3B
C21	6005-6240-4B
C22	6005-6830-9A
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C24	6005-6840-8B
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C28	6008-6240-4C
C29	6008-6460-2D
C30	6008-6460-3D
C31	6008-6520-4A
C32	6008-6520-5A
C33	6008-6830-9B
C34	6008-6885-5A
C35	6008-6885-6A
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C37	6011-6182-5D
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C43	6012-6087-16
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C48	6018-6173-2A
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C76	6340-6837-0A
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C126	6520-6521-6522-T1
C127	6520-6521-6522-T2
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C129	6800-6087-6809-T2
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C131	6840-6841-6843-T2
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C133	6885-6886-6887-T2
C134	6360-6179-22
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C136	6460-6462-T2
C137	6460-6472-T3
C138	6751-6752-T1
C139	6811-6812-T4
C140	6816-6817-T4
C141	6840-6821-2
C142	6090-E1
C143	6094-L1
C144	6097-F1
C145	6101-B1
C146	6476-E1
C147	6264-G1
C148	6406-G1
C149	6408-V1
C150	6804-G1
C151	6807-V1
C152	6756-G1

10530

2030 LLUVIOSA

| Node | Numero | Y nominal | X pu | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 | C154 | C155 | C156 | C157 | C158 | C159 | C160 | C161 | C162 | C163 | C164 | C165 | C166 | C167 | C168 | C169 | C170 | C171 | C172 | C173 | C174 | C175 | C176 | C177 | C178 | C179 | C180 | C181 | C182 | C183 | C184 | C185 | C186 | C187 | C188 | C189 | C190 | C191 | C192 | C193 | C194 | C195 | C196 | C197 | C198 | C199 | C200 | C201 | C202 | C203 | C204 | C205 | C206 | C207 | C208 | C209 | C210 | C211 | C212 | C213 | C214 | C215 | C216 | C217 | C218 | C219 | C220 | C221 | C222 | C223 | C224 | C225 | C226 | C227 | C228 | C229 | C230 | C231 | C232 | C233 | C234 | C235 | C236 | C237 | C238 | C239 | C240 | C241 | C242 | C243 | C244 | C245 | C246 | C247 | C248 | C249 | C250 | C251 | C252 | C253 | C254 | C255 | C256 | C257 | C258 | C259 | C260 | C261 | C262 | C263 | C264 | C265 | C266 | C267 | C268 | C269 | C270 | C271 | C272 | C273 | C274 | C275 | C276 | C277 | C278 | C279 | C280 | C281 | C282 | C283 | C284 | C285 | C286 | C287 | C288 | C289 | C290 | C291 | C292 | C293 | C294 | C295 | C296 | C297 | C298 | C299 | C300 | C301 | C302 | C303 | C304 | C305 | C306 | C307 | C308 | C309 | C310 | C311 | C312 | C313 | C314 | C315 | C316 | C317 | C318 | C319 | C320 | C321 | C322 | C323 | C324 | C325 | C326 | C327 | C328 | C329 | C330 | C331 | C332 | C333 | C334 | C335 | C336 | C337 | C338 | C339 | C340 | C341 | C342 | C343 | C344 | C345 | C346 | C347 | C348 | C349 | C350 | C351 | C352 | C353 | C354 | C355 | C356 | C357 | C358 | C359 | C360 | C361 | C362 | C363 | C364 | C365 | C366 | C367 | C368 | C369 | C370 | C371 | C372 | C373 | C374 | C375 | C376 | C377 | C378 | C379 | C380 | C381 | C382 | C383 | C384 | C385 | C386 | C387 | C388 | C389 | C390 | C391 | C392 | C393 | C394 | C395 | C396 | C397 | C398 | C399 | C400 | C401 | C402 | C403 | C404 | C405 | C406 | C407 | C408 | C409 | C410 | C411 | C412 | C413 | C414 | C415 | C416 | C417 | C418 | C419 | C420 | C421 | C422 | C423 | C424 | C425 | C426 | C427 | C428 | C429 | C430 | C431 | C432 | C433 | C434 | C435 | C436 | C437 | C438 | C439 | C440 | C441 | C442 | C443 | C444 | C445 | C446 | C447 | C448 | C449 | C450 | C451 | C452 | C453 | C454 | C455 | C456 | C457 | C458 | C459 | C460 | C461 | C462 | C463 | C464 | C465 | C466 | C467 | C468 | C469 | C470 | C471 | C472 | C473 | C474 | C475 | C476 | C477 | C478 | C479 | C480 | C481 | C482 | C483 | C484 | C485 | C486 | C487 | C488 | C489 | C490 | C491 | C492 | C493 | C494 | C495 | C496 | C497 | C498 | C499 | C500 | C501 | C502 | C503 | C504 | C505 | C506 | C507 | C508 | C509 | C510 | C511 | C512 | C513 | C514 | C515 | C516 | C517 | C518 | C519 | C520 | C521 | C522 | C523 | C524 | C525 | C526 | C527 | C528 | C529 | C530 | C531 | C532 | C533 | C534 | C535 | C536 | C537 | C538 | C539 | C540 | C541 | C542 | C543 | C544 | C545 | C546 | C547 | C548 | C549 | C550 | C551 | C552 | C553 | C554 | C555 | C556 | C557 | C558 | C559 | C560 | C561 | C562 | C563 | C564 | C565 | C566 | C567 | C568 | C569 | C570 | C571 | C572 | C573 | C574 | C575 | C576 | C577 | C578 | C579 | C580 | C581 | C582 | C583 | C584 | C585 | C586 | C587 | C588 | C589 | C590 | C591 | C592 | C593 | C594 | C595 | C596 | C597 | C598 | C599 | C600 | C601 | C602 | C603 | C604 | C605 | C606 | C607 | C608 | C609 | C610 | C611 | C612 | C613 | C614 | C615 | C616 | C617 | C618 | C619 | C620 | C621 | C622 | C623 | C624 | C625 | C626 | C627 | C628 | C629 | C630 | C631 | C632 | C633 | C634 | C635 | C636 | C637 | C638 | C639 | C640 | C641 | C642 | C643 | C644 | C645 | C646 | C647 | C648 | C649 | C650 | C651 | C652 | C653 | C654 | C655 | C656 | C657 | C658 | C659 | C660 | C661 | C662 | C663 | C664 | C665 | C666 | C667 | C668 | C669 | C670 | C671 | C672 | C673 | C674 | C675 | C676 | C677 | C678 | C679 | C680 | C681 | C682 | C683 | C684 | C685 | C686 | C687 | C688 | C689 | C690 | C691 | C692 | C693 | C694 | C695 | C696 | C697 | C698 | C699 | C700 | C701 | C702 | C703 | C704 | C705 | C706 | C707 | C708 | C709 | C710 | C711 | C712 | C713 | C714 | C715 | C716 | C717 | C718 | C719 | C720 | C721 | C722 | C723 | C724 | C725 | C726 | C727 | C728 | C729 | C730 | C731 | C732 | C733 | C734 | C735 | C736 | C737 | C738 | C739 | C740 | C741 | C742 | C743 | C744 | C745 | C746 | C747 | C748 | C749 | C750 | C751 | C752 | C753 | C754 | C755 | C756 | C757 | C758 | C759 | C760 | C761 | C762 | C763 | C764 | C765 | C766 | C767 | C768 | C769 | C770 | C771 | C772 | C773 | C774 | C775 | C776 | C777 | C778 | C779 | C780 | C781 | C782 | C783 | C784 | C785 | C786 | C787 | C788 | C789 | C790 | C791 | C792 | C793 | C794 | C795 | C796 | C797 | C798 | C799 | C800 | C801 | C802 | C803 | C804 | C805 | C806 | C807 | C808 | C809 | C810 | C811 | C812 | C813 | C814 | C815 | C816 | C817 | C818 | C819 | C820 | C821 | C822 | C823 | C824 | C825 | C826 | C827 | C828 | C829 | C830 | C831 | C832 | C833 | C834 | C835 | C836 | C837 | C838 | C839 | C840 | C841 | C842 | C843 | C844 | C845 | C846 | C847 | C848 | C849 | C850 | C851 | C852 | C853 | C854 | C855 | C856 | C857 | C858 | C859 | C860 | C861 | C862 | C863 | C864 | C865 | C866 | C867 | C868 | C869 | C870 | C871 | C872 | C873 | C874 | C875 | C876 | C877 | C878 | C879 | C880 | C881 | C882 | C883 | C884 | C885 | C886 | C887 | C888 | C889 | C890 | C891 | C892 | C893 | C894 | C895 | C896 | C897 | C898 | C899 | C900 | C901 | C902 | C903 | C904 | C905 | C906 | C907 | C908 | C909 | C910 | C911 | C912 | C913 | C914 | C915 | C916 | C917 | C918 | C919 | C920 | C921 | C922 | C923 | C924 | C925 | C926 | C927 | C928 | C929 | C930 | C931 | C932 | C933 | C934 | C935 | C936 | C937 | C938 | C939 | C940 | C941 | C942 | C943 | C944 | C945 | C946 | C947 | C948 | C949 | C950 | C951 | C952 | C953 | C954 | C955 | C956 | C957 | C958 | C959 | C960 | C961 | C962 | C963 | C964 | C965 | C966 | C967 | C968 | C969 | C970 | C971 | C972 | C973 | C974 | C975 | C976 | C977 | C978 | C979 | C980 | C981 | C982 | C983 | C984 | C985 | C986 | C987 | C988 | C989 | C990 | C991 | C992 | C993 | C994 | C995 | C996 | C997 | C998 | C999 | C1000 | C1001 | C1002 | C1003 | C1004 | C1005 | C1006 | C1007 | C1008 | C1009 | C1010 | C1011 | C1012 | C1013 | C1014 | C1015 | C1016 | C1017 | C1018 | C1019 | C1020 | C1021 | C1022 | C1023 | C1024 | C1025 | C1026 | C1027 | C1028 | C1029 | C1030 | C1031 | C1032 | C1033 | C1034 | C1035 | C1036 | C1037 | C1038 | C1039 | C1040 | C1041 | C1042 | C1043 | C1044 | C1045 | C1046 | C1047 | C1048 | C1049 | C1050 | C1051 | C1052 | C1053 | C1054 | C1055 | C1056 | C1057 | C1058 | C1059 | C1060 | C1061 | C1062 | C1063 | C1064 | C1065 | C1066 | C1067 | C1068 | C1069 | C1070 | C1071 | C1072 | C1073 | C1074 | C1075 | C1076 | C1077 | C1078 | C1079 | C1080 | C1081 | C1082 | C1083 | C1084 | C1085 | C1086 | C1087 | C1088 | C1089 | C1090 | C1091 | C1092 | C1093 | C1094 | C1095 | C1096 | C1097 | C1098 | C1099 | C1100 | C1101 | C1102 | C1103 | C1104 | C1105 | C1106 | C1107 | C1108 | C1109 | C1110 | C1111 | C1112 | C1113 | C1114 | C1115 | C1116 | C1117 | C1118 | C1119 | C1120 | C1121 | C1122 | C1123 | C1124 | C1125 | C1126 | C1127 | C1128 | C1129 | C1130 | C1131 | C1132 | C1133 | C1134 | C1135 | C1136 | C1137 | C1138 | C1139 | C1140 | C1141 | C1142 | C1143 | C1144 | C1145 | C1146 | C1147 | C1148 | C1149 | C1150 | C1151 | C1152 |
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| Node DC | Mode C_Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 |

| TX | %RateA | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 |
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LTX106	C106	LTX107	C107	LTX108	C108	LTX109	C109	LTX110	C110	LTX111	C111	LTX112	C112	LTX113	C113	LTX114	C114	LTX115	C115	LTX116	C116	LTX117	C117	LTX118	C118	LTX119	C119	LTX120	C120	LTX121	C121	LTX122	C122	LTX123	C123	LTX124	C124	LTX125	C125	LTX126	C126	LTX127	C127	LTX128	C128	LTX129	C129	LTX130	C130	LTX131	C131	LTX132	C132	LTX133	C133
T1-PAN230	0	T2-PAN230	0	T3-PAN230	0	T5-PAN230	0	T1-PANII230	0	T2-PANII230	0	T3-PANII230	0	T1-CHO230	0	T2-CHO230	0	T3-CHO230	0	T1-LSA230	0	T2-LSA230	0	T3-LSA230	0	T1-MDN230	0	T2-MDN230	0	T3-MDN230	0	T1-PRO230	0	T2-PRO230	0	T1-CHA230	0	T2-CHA230	0	T1-SBA230	0	T2-SBA230	0	T1-CAL230	0	T2-CAL230	0	T1-PAN230	0	T2-PAN230	0	T1-LHU230	0	T2-LHU230	0
T1-PAN115	0	T2-PAN115	0	T3-PAN115	0	T5-PAN115	0	T1-PANII115	0	T2-PANII115	0	T3-PANII115	0	T1-CHO115	0	T2-CHO115	0	T3-CHO115	0	T1-LSA115	0	T2-LSA115	0	T3-LSA115	0	T1-MDN115	0	T2-MDN115	0	T3-MDN115	0	T1-PRO115	0	T2-PRO115	0	T1-CHA115	0	T2-CHA115	0	T1-SBA115	0	T2-SBA115	0	T1-CAL115	0	T2-CAL115	0	T1-PAN3115	0	T2-PAN3115	0	T1-LHU115	0	T2-LHU115	0
T1-PAN13T1	0	T2-PAN13T2	0	T3-PAN13T3	0	T5-PAN13T3	0	T1-PANIT1	0	T2-PANIT2	0	T3-PANIT3	0	T1-CHO34	0	T2-CHO34	0	T3-CHO34	0	T1-LSA34	0	T2-LSA34	0	T3-LSA34	0	T1-MDN34	0	T2-MDN34	0	T3-MDN34	0	T1-PRO34	0	T2-PRO34	0	T1-CHA34	0	T2-CHA34	0	T1-SBA34	0	T2-SBA34	0	T1-CAL342	0	T2-CAL342	0	T1-PAN313A	0	T2-PAN313B	0	T1-LHU34	0	T2-LHU34	0
T2-SBA230	21.08	T2-SBA230	21.08	T2-SBA230	21.08

REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

No. Cont	Cont
C1	6000-6515-1
C2	6001-6003-1D
C3	6001-6003-2D
C4	6001-6005-3A
C5	6001-6005-4A
C6	6001-6840-7A
C7	6001-6840-8A
C8	6002-6018-1
C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
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C14	6003-6470-2C
C15	6003-6801-55
C16	6003-6840-2A
C17	6003-6840-3A
C18	6003-6882-4A
C19	6005-6008-50
C20	6005-6240-3B
C21	6005-6240-4B
C22	6005-6830-9A
C23	6005-6840-7B
C24	6005-6840-8B
C25	6008-6182-51
C26	6008-6182-52
C27	6008-6240-3C
C28	6008-6240-4C
C29	6008-6460-2D
C30	6008-6460-3D
C31	6008-6520-4A
C32	6008-6520-5A
C33	6008-6830-9B
C34	6008-6885-5A
C35	6008-6885-6A
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C37	6011-6182-5D
C38	6011-6182-6D
C39	6011-6380-9A
C40	6011-6800-7A
C41	6011-6800-8A
C42	6012-6087-15
C43	6012-6087-16
C44	6014-6380-9B
C45	6014-6515-1
C46	6014-6515-2
C47	6018-6173-1A
C48	6018-6173-2A
C49	6024-6060-3B
C50	6059-6173-2B
C51	6059-6290-1C
C52	6060-6170-4B
C53	6096-6179-18
C54	6096-6426-7C
C55	6096-6800-8B
C56	6096-6837-0A
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C58	6100-6861-2A
C59	6167-6801-1
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C61	6171-6861-1B
C62	6173-6290-1B
C63	6179-6182-16
C64	6179-6182-17
C65	6179-6401-29
C66	6182-6440-5A
C67	6182-6520-4B
C68	6182-6520-5B
C69	6182-6550-6C
C70	6182-6969-5C
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C73	6260-6837-0B
C74	6263-6837-0B
C75	6340-6401-29
C76	6340-6837-0A
C77	6405-6801-1
C78	6405-6801-2
C79	6405-6808-1
C80	6426-6800-7B
C81	6440-6500-5B
C82	6460-6713-2C
C83	6460-6713-3C
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C87	6713-6840-3B
C88	6801-6808-1
C89	6801-6840-1
C90	6801-6840-2
C91	6801-6882-4B
C92	6885-6969-5B
C93	6853-6854-5B
C94	6851-6852-5B
C95	6087-6300-T1
C96	6167-6173-T1
C97	6167-6173-T2
C98	6340-6341-T1
C99	6370-6380-T2
C100	6370-6380-T3
C101	6380-6381-T1
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C103	6515-6516-T2
C104	6811-6812-T4
C105	6816-6817-T4
C106	6001-6002-6082-T1
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C109	6001-6002-6084-T5
C110	6003-6004-6085-T1
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C116	6008-6009-6010-T1
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C120	6011-6012-6013-T2
C121	6011-6012-6013-T3
C122	6014-6015-6016-T1
C123	6014-6015-6016-T2
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C127	6520-6521-6522-T2
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C129	6800-6087-6809-T2
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C131	6840-6841-6843-T2
C132	6885-6886-6887-T1
C133	6885-6886-6887-T2
C134	6360-6179-22
C135	6460-6461-T1
C136	6460-6462-T2
C137	6460-6472-T3
C138	6751-6752-T1
C139	6811-6812-T4
C140	6816-6817-T4
C141	6840-6821-2
C142	6090-E1
C143	6094-L1
C144	6097-F1
C145	6101-B1
C146	6476-E1
C147	6264-G1
C148	6406-G1
C149	6408-V1
C150	6804-G1
C151	6807-V1
C152	6756-G1

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2032 LLUVIOSA

REPÚBLICA DE PANAMÁ

| Nombre | Número | Provincia | V04 | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 |

| Node DO | Mfrtr C_Rate | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 |

| TX | %RateA | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 |
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| LTX106 | C106 | LTX107 | C107 | LTX108 | C108 | LTX109 | C109 | LTX110 | C110 | LTX111 | C111 | LTX112 | C112 | LTX113 | C113 | LTX114 | C114 | LTX115 | C115 | LTX116 | C116 | LTX117 | C117 | LTX118 | C118 | LTX119 | C119 | LTX120 | C120 | LTX121 | C121 | LTX122 | C122 | LTX123 | C123 | LTX124 | C124 | LTX125 | C125 | LTX126 | C126 | LTX127 | C127 | LTX128 | C128 | LTX129 | C129 | LTX130 | C130 | LTX131 | C131 | LTX132 | C132 | LTX133 | C133 | LTX134 | C134 | LTX135 | C135 | LTX136 | C136 | LTX137 | C137 | LTX138 | C138 |
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REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

No. Cont	Cont
C1	6000-6515-1
C2	6001-6003-1D
C3	6001-6003-2D
C4	6001-6005-3A
C5	6001-6005-4A
C6	6001-6840-7A
C7	6001-6840-8A
C8	6002-6018-1
C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
C13	6003-6171-1C
C14	6003-6470-2C
C15	6003-6801-55
C16	6003-6840-2A
C17	6003-6840-3A
C18	6003-6882-4A
C19	6005-6008-50
C20	6005-6240-3B
C21	6005-6240-4B
C22	6005-6830-9A
C23	6005-6840-7B
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C28	6008-6240-4C
C29	6008-6460-2D
C30	6008-6460-3D
C31	6008-6520-4A
C32	6008-6520-5A
C33	6008-6830-9B
C34	6008-6885-5A
C35	6008-6885-6A
C36	6011-6014-39
C37	6011-6182-5D
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C41	6011-6800-8A
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C43	6012-6087-16
C44	6014-6380-9B
C45	6014-6515-1
C46	6014-6515-2
C47	6018-6173-1A
C48	6018-6173-2A
C49	6024-6060-3B
C50	6059-6173-2B
C51	6059-6290-1C
C52	6060-6170-4B
C53	6096-6179-18
C54	6096-6426-7C
C55	6096-6800-8B
C56	6096-6837-0A
C57	6100-6861-1A
C58	6100-6861-2A
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C60	6167-6801-2
C61	6171-6861-1B
C62	6173-6290-1B
C63	6179-6182-16
C64	6179-6182-17
C65	6179-6401-29
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C73	6260-6837-0B
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C81	6440-6500-5B
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C83	6460-6713-3C
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C85	6550-6885-6B
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C87	6713-6840-3B
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C89	6801-6840-1
C90	6801-6840-2
C91	6801-6882-4B
C92	6885-6969-5B
C93	6853-6854-5B
C94	6851-6852-5B
C95	6087-6300-T1
C96	6167-6173-T1
C97	6167-6173-T2
C98	6340-6341-T1
C99	6370-6380-T2
C100	6370-6380-T3
C101	6380-6381-T1
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C103	6515-6516-T2
C104	6811-6812-T4
C105	6816-6817-T4
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C109	6001-6002-6084-T5
C110	6003-6004-6085-T1
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C116	6008-6009-6010-T1
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C118	6008-6009-6010-T3
C119	6011-6012-6013-T1
C120	6011-6012-6013-T2
C121	6011-6012-6013-T3
C122	6014-6015-6016-T1
C123	6014-6015-6016-T2
C124	6260-6261-6262-T1
C125	6260-6261-6262-T2
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C127	6520-6521-6522-T2
C128	6800-6087-6809-T1
C129	6800-6087-6809-T2
C130	6840-6841-6842-T1
C131	6840-6841-6843-T2
C132	6885-6886-6887-T1
C133	6885-6886-6887-T2
C134	6360-6179-22
C135	6460-6461-T1
C136	6460-6462-T2
C137	6460-6472-T3
C138	6751-6752-T1
C139	6811-6812-T4
C140	6816-6817-T4
C141	6840-6821-2
C142	6090-E1
C143	6094-L1
C144	6097-F1
C145	6101-B1
C146	6476-E1
C147	6264-G1
C148	6406-G1
C149	6408-V1
C150	6804-G1
C151	6807-V1
C152	6756-G1

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2034 LLUVIOSA

| Node A | Num Node A | Node B | Num Node B | ID | Tafsela Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 |

REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

| TX | %RateA | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 |
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LTX107	C107	LTX108	C108	LTX109	C109	LTX110	C110	LTX111	C111	LTX112	C112	LTX113	C113	LTX114	C114	LTX115	C115	LTX116	C116	LTX117	C117	LTX118	C118	LTX119	C119	LTX120	C120	LTX121	C121	LTX122	C122	LTX123	C123	LTX124	C124	LTX125	C125	LTX126	C126	LTX127	C127	LTX128	C128	LTX129	C129	LTX130	C130	LTX131	C131	LTX132	C132	LTX133	C133	LTX134	C134
T1-PAN230	0	T2-PAN230	0	T3-PAN230	0	T5-PAN230	0	T1-PANII230	0	T2-PANII230	0	T3-PANII230	0	T1-CHO230	0	T2-CHO230	0	T3-CHO230	0	T1-LSA230	0	T2-LSA230	0	T3-LSA230	0	T1-MDN230	0	T2-MDN230	0	T3-MDN230	0	T1-PRO230	0	T2-PRO230	0	T1-CHA230	0	T2-CHA230	0	T1-SBA230	0	T2-SBA230	0	T1-CAL230	0	T2-CAL230	0	T1-PAN3230	0	T2-PAN3230	0	T1-CHU230	0	T2-CHU230	0
T1-PAN115	0	T2-PAN115	0	T3-PAN115	0	T5-PAN115	0	T1-PANII115	0	T2-PANII115	0	T3-PANII115	0	T1-CHO115	0	T2-CHO115	0	T3-CHO115	0	T1-LSA115	0	T2-LSA115	0	T3-LSA115	0	T1-MDN115	0	T2-MDN115	0	T3-MDN115	0	T1-PRO115	0	T2-PRO115	0	T1-CHA115	0	T2-CHA115	0	T1-SBA115	0	T2-SBA115	0	T1-CAL115	0	T2-CAL115	0	T1-PAN3115	0	T2-PAN3115	0	T1-CHU115	0	T2-CHU115	0
T1-PAN13T1	0	T2-PAN13T2	0	T3-PAN13T3	0	T5-PAN13T3	0	T1-PANIIT1	0	T2-PANIIT2	0	T3-PANIIT3	0	T1-CHO34	0	T2-CHO34	0	T3-CHO34	0	T1-LSA34	0	T2-LSA34	0	T3-LSA34	0	T1-MDN34	0	T2-MDN34	0	T3-MDN34	0	T1-PRO34	0	T2-PRO34	0	T1-CHA34	0	T2-CHA34	0	T1-SBA34	0	T2-SBA34	0	T1-CAL342	0	T2-CAL342	0	T1-PAN13T3	0	T2-PAN13B	0	T1-CHU34	0	T2-CHU34	0
T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.65	T2-SBA230	29.65	T2-SBA230	29.65	T2-SBA230	29.65	T2-SBA230	29.65	T2-SBA230	29.65	T2-SBA230	29.65	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	59.52	T1-LSA230	29.75	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66	T2-SBA230	29.66
T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.53	T2-SBA115	13.53	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54	T2-SBA115	13.54
T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.83	T2-SBA34	37.83	T2-SBA34	37.83	T2-SBA34	37.83	T2-SBA34	37.83	T2-SBA34	37.83	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	76.75	T1-LSA34	36.38	T2-SBA34	37.84	T2-SBA34	37.84	T2-SBA34	37.83	T2-SBA34	37.84	T2-SBA34	37.84
T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.76	T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.76	T1-LSA230	29.76	T1-LSA230	29.76	T1-LSA230	29.75	T1-LSA230	29.76	T1-CHO230	27.05	T1-LSA230	39.43	T1-LSA230	36.71	T1-LSA230	29.82	T1-LSA230	29.8	T1-LSA230	29.79	T1-LSA230	29.78	T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.76	T1-LSA230	29.76	T1-LSA230	29.77	T1-LSA230	29.77	T1-LSA230	29.77
T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.14	T1-LSA115	26.14	T1-LSA115	26.14	T1-CHO115	4.82	T1-LSA115	54.43	T1-LSA115	28.13	T1-LSA115	26.08	T1-LSA115	26.1	T1-LSA115	26.11	T1-LSA115	26.12	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.14	T1-CHO115	4.86	T1-LSA115	26.14	T1-LSA115	26.14	T1-LSA115	26.13	T1-LSA115	26.13	T1-LSA115	26.13
T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.38	T1-LSA34	36.39	T1-CHO34	31.51	T1-LSA34	68.28	T1-LSA34	35.9	T1-LSA34	36.42	T1-LSA34	36.41	T1-LSA34	36.4	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.38	T1-CHO34	31.52	T1-LSA34	36.38	T1-LSA34	36.38	T1-LSA34	36.39	T1-LSA34	36.39	T1-LSA34	36.39
T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-PANII230	54.74	T1-CHO230	51.78	T1-CHO230	36.41	T1-PANII230	54.74	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-PANII230	54.74	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05	T1-CHO230	27.05
T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.87	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-PANII115	56.11	T1-CHO115	4.9	T1-CHO115	9.26	T1-PANII115	56.11	T1-CHO115	4.82	T1-CHO115	4.85	T1-CHO115	4.85	T1-CHO115	4.85	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-PANII115	56.11	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86	T1-CHO115	4.86
T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.53	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-PANIIT1	0	T1-CHO34	53.94	T1-CHO34	44.86	T1-PANIIT1	0	T1-CHO34	31.51	T1-CHO34	31.51	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52	T1-PANIIT1	0	T1-CHO34	31.52	T1-CHO34	31.52	T1-CHO34	31.52
T1-PANII230	56.77	T1-PANII230	55.64	T1-PANII230	56.74	T1-PANII230	56.46	T1-PAN230	47.03	T1-PANII230	75.85	T1-PANII230	76.73	T1-PAN230	45.81	T1-PANII230	54.74	T1-PANII230	54.74	T1-PAN230	45.81	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	55.23	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74	T1-PANII230	54.74
T1-PANII115	58.19	T1-PANII115	57.03	T1-PANII115	58.16	T1-PANII115	57.88	T1-PAN115	48.21	T1-PANII115	76.8	T1-PANII115	77.69	T1-PAN115	46.96	T1-PANII115	56.11	T1-PAN115	46.96	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.61	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.11	T1-PANII115	56.18
T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANI13T1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANI13T1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANI13T1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0	T1-PANIIT1	0
T1-LHU230	0	T2-PAN230	51.09	T1-PANI230	57.56	T1-PANI230	58.97	T1-LHU230	0	T1-LHU230	47.02	T1-LHU230	47.08	T1-LHU230	0	T1-PANI230	45.81	T1-LHU230	0	T1-PANI230	45.81	T1-LHU230	0	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81	T1-PANI230	45.81
T1-HU115	0	T1-PAN115	52.37	T1-PAN115	59	T1-PAN115	59.7	T1-HU115	0	T1-PAN115	48.19	T1-PAN115	48.25	T1-HU115	0	T1-PAN115	46.96	T1-PAN115	46.96	T1-HU115	0	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	46.96	T1-PAN115	49.41	T1-PAN115	49.41	T1-PAN115	46.96	T1-PAN115	46.96
T1-LHU34	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-LHU34	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-LHU34	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-LHU34	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-LHU34	0	T1-PAN13T1	0	T1-PAN13T1	0	T1-PAN13T1	0
T1-CAL230	21.38	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-CAL230	21.38	T1-LHU230	0	T1-LHU230	0	T1-CAL230	21.37	T1-LHU230	0	T1-LHU230	0	T1-CAL230	21.36	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0	T1-LHU230	0
T1-CAL115	21.38	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-CAL115	21.38	T1-LHU115	0	T1-LHU115	0	T1-CAL115	21.37	T1-LHU115	0	T1-LHU115	0	T1-CAL115	21.36	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0	T1-LHU115	0
T1-CAL342	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-CAL342	0	T1-LHU34	0	T1-LHU34	0	T1-CAL342	0	T1-LHU34	0	T1-LHU34	0	T1-CAL342	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0	T1-LHU34	0
T1-PAN3230	41.68	T1-CAL230	21.37	T1-CAL230	21.38	T1-CAL230	21.38	T1-PAN3230	36.52	T1-CAL230	21.38	T1-CAL230	21.38	T1-PAN3230	35.97	T1-CAL230	21.37	T1-CAL230	21.37	T1-PAN3230	35.97	T1-CAL230	21.36	T1-CAL230	21.37	T1-CAL230	21.37	T1-CAL230	21.37	T1-CAL230	21.22	T1-CAL230	21.25	T1-CAL230	21.37	T1-CAL230	21.37	T1-CAL230	21.37	T1-CAL230	21.37	T1-CAL230	21.37	T1-CAL230	21.37	T1-CAL230	21.38	T1-PAN3230	35.97	T1-CAL230	35.97	T1-CAL230	21.37
T1-PAN3115	41.68	T1-CAL115	21.37	T1-CAL115	21.38	T1-CAL115	21.38	T1-PAN3115	36.52	T1-CAL115	21.38	T1-CAL115	21.38	T1-PAN3115	35.97	T1-CAL115	21.37	T1-CAL115	21.37	T1-PAN3115	35.97	T1-CAL115	21.36	T1-CAL115	21.37	T1-CAL115	21.21	T1-CAL115	21.22	T1-CAL115	21.25	T1-CAL115	21.37	T1-CAL115	21.37	T1-CAL115	21.37	T1-CAL115	21.37	T1-CAL115	21.38	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-CAL115	35.22	T1-CAL115	21.37	T1-CAL115	21.37	T1-PAN3115	35.97	T1-CAL115	21.37
T1-PAN313A	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-PAN313A	0	T1-CAL342	0	T1-CAL342	0	T1-PAN313A	0	T1-CAL342	0	T1-CAL342	0	T1-PAN313A	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-PAN313A	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0
T1-SBA230	29.66	T1-PAN3230	38.48	T1-PAN3230	41.59	T1-PAN3230	40.96	T1-SBA230	29.66	T1-PAN3230	36.51	T1-PAN3230	36.54	T1-SBA230	29.66	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-SBA230	29.65	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-PAN3230	35.97	T1-SBA230	59.52	T1-SBA230	29.66	T1-PAN3230	49.71	T1-SBA230	29.66	T1-PAN3230	35.97
T1-SBA115	13.54	T1-PAN3115	38.48	T1-PAN3115	41.59	T1-PAN3115	40.96	T1-SBA115	13.54	T1-PAN3115	36.51	T1-PAN3115	36.54	T1-SBA115	13.54	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-SBA115	13.53	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-PAN3115	35.97	T1-SBA115	59.52	T1-SBA115	13.54	T1-PAN3115	49.71	T1-SBA115	13.54	T1-PAN3115	35.97
T1-SBA34	37.84	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-SBA34	37.84	T1-PAN313A	0	T1-PAN313A	0	T1-SBA34	37.84	T1-PAN313A	0	T1-PAN313A	0	T1-SBA34	37.83	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-PAN313A	0	T1-SBA34	76.75	T1-SBA34	37.84	T1-PAN313A	0	T1-SBA34	37.83	T1-PAN313A	0
T1-CHA230	4.17	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-CHA230	4.17	T1-SBA230	29.66	T1-SBA230	29.66	T1-CHA230	4.17	T1-SBA230	29.66	T1-SBA230	29.66	T1-CHA230	4.11	T1-SBA230	29.65	T1-SBA230	29.65	T1-SBA230	29.65	T1-SBA230	29.65	T1-SBA230	29.65	T1-SBA230	29.65	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-CHA230	4.18	T1-CHA230	4.18	T1-CHA230	4.19	T1-SBA230	29.66	T1-CHA230	4.16	T1-SBA230	29.66	T1-CHA230	4.17	T1-SBA230	29.66
T1-CHA115	31.81	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-CHA115	31.81	T1-SBA115	13.54	T1-SBA115	13.54	T1-CHA115	31.8	T1-SBA115	13.54	T1-SBA115	13.54	T1-CHA115	31.69	T1-SBA115	13.53	T1-SBA115	13.53	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-SBA115	13.54	T1-CHA115	31.81	T1-CHA115	31.81	T1-SBA115	13.54	T1-CHA115	31.78	T1-SBA115	13.54	T1-CHA115	31.8	T1-SBA115	13.54
T1-CHA34	26.91	T1-SBA34	37.84	T1-SBA34	37.84	T1-SBA34	37.84	T1-CHA34	26.91	T1-SBA34	37.84	T1-SBA34	37.84	T1-CHA34	26.91	T1-SBA34	37.84	T1-SBA34	37.84	T1-CHA34	26.91	T1-SBA34	37.83	T1-SBA34	37.83	T1-SBA34	37.83	T1-SBA34	37.84	T1-SBA34	37.84	T1-SBA34	37.84	T1-SBA34	37.84	T1-SBA34	37.84	T1-SBA34	37.84	T1-SBA34	37.84	T1-SBA34	37.84	T1-SBA34	37.84	T1-CHA34	26.91	T1-CHA34	26.91	T1-SBA34	37.84	T1-CHA34	26.91	T1-SBA34	37.84	T1-CHA34	26.91	T1-SBA34	37.84
T1-PRO230	14.77	T1-CHA230	4.17	T1-CHA230	4.17	T1-CHA230	4.17	T1-PRO230	14.77	T1-CHA230	4.17	T1-CHA230	4.17	T1-PRO230	14.77	T1-CHA230	4.17	T1-CHA230	4.17	T1-PRO230	14.8	T1-CHA230	4.11	T1-CHA230	4.15	T1-CHA230	4.07	T1-CHA230	4.12	T1-CHA230	4.15	T1-CHA230	4.16	T1-PRO230	14.77	T1-CHA230	4.07	T1-CHA230	4.17	T1-PRO230	14.77	T1-PRO230	14.77	T1-PRO230	14.76	T1-CHA230	4.19	T1-PRO230	14.77	T1-CHA230	4.17	T1-CHA230	4.17
T1-PRO115	0.64	T1-CHA115	31.81	T1-CHA115	31.81	T1-CHA115	31.8	T1-PRO115	0.64	T1-CHA115	31.81	T1-CHA115	31.81	T1-PRO115	0.64	T1-CHA115	31.8	T1-PRO115	0.64	T1-CHA115	31.8	T1-PRO115	0.64	T1-CHA115	31.7	T1-CHA115	31.77	T1-CHA115	31.62	T1-CHA115	31.71	T1-CHA115	31.72	T1-CHA115	31.76	T1-CHA115	31.78	T1-PRO115	0.64	T1-CHA115	49.38	T1-PRO115	0.64	T1-PRO115	0.64	T1-CHA115	31.84	T1-PRO115	0.64	T1-CHA115	31.78	T1-PRO115	0.64	T1-CHA115	31.8
T1-PRO34	14.43	T1-CHA34	26.91	T1-CHA34	26.91	T1-CHA34	26.91	T1-PRO34	14.43	T1-CHA34	26.91	T1-CHA34	26.91	T1-PRO34	14.43	T1-CHA34	26.91	T1-CHA34	26.91	T1-PRO34	14.45	T1-CHA34	26.91	T1-CHA34	26.91	T1-CHA34	26.91	T1-CHA34	26.91	T1-CHA34	26.91	T1-CHA34	26.91	T1-CHA34	40.77	T1-PRO34	14.42	T1-PRO34	14.42	T1-PRO34	14.42	T1-CHA34	26.91	T1-PRO34	14.43	T1-CHA34	26.91	T1-PRO34	14.43	T1-CHA34	26.91
T1-MDN230	18.14	T1-PRO230	14.77	T1-PRO230	14.77	T1-PRO230	14.77	T1-MDN230	18.13	T1-PRO230	14.77	T1-PRO230	14.77	T1-MDN230	18.13	T1-PRO230	14.77	T1-PRO230	14.77	T1-MDN230	18.22	T1-PRO230	14.8	T1-PRO230	14.78	T1-PRO230	14.92	T1-PRO230	14.85	T1-PRO230	14.84	T1-MDN230	18.22	T1-PRO230	20.03	T1-MDN230	18.14	T1-PRO230	14.76	T1-MDN230	18.12	T1-MDN230	18.12	T1-MDN230	20.1	T1-PRO230	14.76	T1-MDN230	18.14	T1-PRO230	14.77	T1-PRO230	14.77
T1-MDN115	8.5	T1-PRO115	0.64	T1-PRO115	0.64	T1-PRO115	0.64	T1-MDN115	8.5	T1-PRO115	0.64	T1-PRO115	0.64	T1-MDN115	8.5	T1-PRO115	0.64	T1-PRO115	0.64	T1-MDN115	8.53	T1-PRO115	0.64	T1-PRO115	0.65	T1-PRO115	0.65	T1-PRO115	0.65	T1-MDN115	8.54	T1-PRO115	1.32	T1-MDN115	8.5	T1-PRO115	0.64	T1-MDN115	8.5	T1-MDN115	8.5	T1-MDN115	15.03	T1-PRO115	0.64	T1-MDN115	8.51	T1-PRO115	0.64	T1-MDN115	8.5	T1-PRO115	0.64
T1-MDN34	13.9	T1-PRO34	14.43	T1-PRO34	14.43	T1-PRO34	14.43	T1-MDN34	13.9	T1-PRO34	14.43	T1-PRO34	14.43	T1-MDN34	13.9	T1-PRO34	14.42	T1-PRO34	14.43	T1-MDN34	13.94	T1-PRO34	14.45	T1-PRO34	14.43	T1-PRO34	14.49	T1-PRO34	14.55	T1-PRO34	14.49	T1-MDN34	13.93	T1-PRO34	21.17	T1-MDN34	13.9	T1-MDN34	13.9	T1-MDN34	13.9	T1-MDN34	13.86	T1-PRO34	14.42	T1-MDN34	13.9	T1-PRO34	14.43	T1-MDN34	13.9	T1-PRO34	14.43
T2-LSA230	28.87	T1-MDN230	18.14	T1-MDN230	18.14	T1-MDN230	18.13	T2-LSA230	28.87	T1-MDN230	18.13	T1-MDN230	18.13	T2-LSA230	28.86	T1-MDN230	18.13	T1-MDN230	18.13	T2-LSA230	28.87	T1-MDN230	18.16	T1-MDN230	18.21	T1-MDN230	18.16	T2-LSA230	28.87	T1-MDN230	20.44	T1-MDN230	18.18	T2-LSA230	28.87	T1-MDN230	18.18	T2-LSA230	28.85	T2-LSA230	28.85	T1-MDN230	18.18	T2-LSA230	28.86	T1

REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

No. Cont	Cont
C1	6000-6515-1
C2	6001-6003-1D
C3	6001-6003-2D
C4	6001-6005-3A
C5	6001-6005-4A
C6	6001-6840-7A
C7	6001-6840-8A
C8	6002-6018-1
C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
C13	6003-6171-1C
C14	6003-6470-2C
C15	6003-6801-55
C16	6003-6840-2A
C17	6003-6840-3A
C18	6003-6882-4A
C19	6005-6008-50
C20	6005-6240-3B
C21	6005-6240-4B
C22	6005-6830-9A
C23	6005-6840-7B
C24	6005-6840-8B
C25	6008-6182-51
C26	6008-6182-52
C27	6008-6240-3C
C28	6008-6240-4C
C29	6008-6460-2D
C30	6008-6460-3D
C31	6008-6520-4A
C32	6008-6520-5A
C33	6008-6830-9B
C34	6008-6885-5A
C35	6008-6885-6A
C36	6011-6014-39
C37	6011-6182-5D
C38	6011-6182-6D
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C40	6011-6800-7A
C41	6011-6800-8A
C42	6012-6087-15
C43	6012-6087-16
C44	6014-6380-9B
C45	6014-6515-1
C46	6014-6515-2
C47	6018-6173-1A
C48	6018-6173-2A
C49	6024-6060-3B
C50	6059-6173-2B
C51	6059-6290-1C
C52	6060-6170-4B
C53	6096-6179-18
C54	6096-6426-7C
C55	6096-6800-8B
C56	6096-6837-0A
C57	6100-6861-1A
C58	6100-6861-2A
C59	6167-6801-1
C60	6167-6801-2
C61	6171-6861-1B
C62	6173-6290-1B
C63	6179-6182-16
C64	6179-6182-17
C65	6179-6401-29
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C67	6182-6520-4B
C68	6182-6520-5B
C69	6182-6550-6C
C70	6182-6969-5C
C71	6260-6263-0C
C72	6260-6400-21
C73	6260-6837-0B
C74	6263-6837-0B
C75	6340-6401-29
C76	6340-6837-0A
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C78	6405-6801-2
C79	6405-6808-1
C80	6426-6800-7B
C81	6440-6500-5B
C82	6460-6713-2C
C83	6460-6713-3C
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C85	6550-6885-6B
C86	6713-6840-2B
C87	6713-6840-3B
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C90	6801-6840-2
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C92	6885-6969-5B
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C94	6851-6852-5B
C95	6087-6300-T1
C96	6167-6173-T1
C97	6167-6173-T2
C98	6340-6341-T1
C99	6370-6380-T2
C100	6370-6380-T3
C101	6380-6381-T1
C102	6460-6472-T3
C103	6515-6516-T1
C104	6515-6516-T2
C105	6811-6812-T4
C106	6816-6817-T4
C107	6001-6002-6082-T1
C108	6001-6002-6083-T2
C109	6001-6002-6084-T3
C110	6001-6002-6084-T5
C111	6003-6004-6085-T1
C112	6003-6004-6086-T2
C113	6003-6004-6109-T3
C114	6005-6006-6007-T1
C115	6005-6006-6007-T2
C116	6005-6006-6007-T3
C117	6008-6009-6010-T1
C118	6008-6009-6010-T2
C119	6008-6009-6010-T3
C120	6011-6012-6013-T1
C121	6011-6012-6013-T2
C122	6011-6012-6013-T3
C123	6014-6015-6016-T1
C124	6014-6015-6016-T2
C125	6260-6261-6262-T1
C126	6260-6261-6262-T2
C127	6520-6521-6522-T1
C128	6520-6521-6522-T2
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C130	6800-6087-6809-T2
C131	6840-6841-6842-T1
C132	6840-6841-6843-T2
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C134	6885-6886-6887-T2
C135	6360-6179-22
C136	6460-6461-T1
C137	6460-6462-T2
C138	6460-6472-T3
C139	6751-6752-T1
C140	6811-6812-T4
C141	6816-6817-T4
C142	6840-6821-2
C143	6090-E1
C144	6094-L1
C145	6097-F1
C146	6101-B1
C147	6476-E1
C148	6264-G1
C149	6406-G1
C150	6408-V1
C151	6804-G1
C152	6807-V1
C153	6756-G1

10551

2036 LLUVIOSA

| Node A | Num Node A | Node B | Num Node B | ID | Tahatuk Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 |
|---|---|---

| Node | Numero | V nominal | V pu | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 | C154 |
|---|---|---

| Node ID | Mirth C_Base | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | C25 | C26 | C27 | C28 | C29 | C30 | C31 | C32 | C33 | C34 | C35 | C36 | C37 | C38 | C39 | C40 | C41 | C42 | C43 | C44 | C45 | C46 | C47 | C48 | C49 | C50 | C51 | C52 | C53 | C54 | C55 | C56 | C57 | C58 | C59 | C60 | C61 | C62 | C63 | C64 | C65 | C66 | C67 | C68 | C69 | C70 | C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C80 | C81 | C82 | C83 | C84 | C85 | C86 | C87 | C88 | C89 | C90 | C91 | C92 | C93 | C94 | C95 | C96 | C97 | C98 | C99 | C100 | C101 | C102 | C103 | C104 | C105 | C106 | C107 | C108 | C109 | C110 | C111 | C112 | C113 | C114 | C115 | C116 | C117 | C118 | C119 | C120 | C121 | C122 | C123 | C124 | C125 | C126 | C127 | C128 | C129 | C130 | C131 | C132 | C133 | C134 | C135 | C136 | C137 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 | C154 | C155 | C156 | C157 | C158 | C159 | C160 | C161 | C162 | C163 | C164 | C165 | C166 | C167 | C168 | C169 | C170 | C171 | C172 | C173 | C174 | C175 | C176 | C177 | C178 | C179 | C180 | C181 | C182 | C183 | C184 | C185 | C186 | C187 | C188 | C189 | C190 | C191 | C192 | C193 | C194 | C195 | C196 | C197 | C198 | C199 | C200 | C201 | C202 | C203 | C204 | C205 | C206 | C207 | C208 | C209 | C210 | C211 | C212 | C213 | C214 | C215 | C216 | C217 | C218 | C219 | C220 | C221 | C222 | C223 | C224 | C225 | C226 | C227 | C228 | C229 | C230 | C231 | C232 | C233 | C234 | C235 | C236 | C237 | C238 | C239 | C240 | C241 | C242 | C243 | C244 | C245 | C246 | C247 | C248 | C249 | C250 | C251 | C252 | C253 | C254 | C255 | C256 | C257 | C258 | C259 | C260 | C261 | C262 | C263 | C264 | C265 | C266 | C267 | C268 | C269 | C270 | C271 | C272 | C273 | C274 | C275 | C276 | C277 | C278 | C279 | C280 | C281 | C282 | C283 | C284 | C285 | C286 | C287 | C288 | C289 | C290 | C291 | C292 | C293 | C294 | C295 | C296 | C297 | C298 | C299 | C300 | C301 | C302 | C303 | C304 | C305 | C306 | C307 | C308 | C309 | C310 | C311 | C312 | C313 | C314 | C315 | C316 | C317 | C318 | C319 | C320 | C321 | C322 | C323 | C324 | C325 | C326 | C327 | C328 | C329 | C330 | C331 | C332 | C333 | C334 | C335 | C336 | C337 | C338 | C339 | C340 | C341 | C342 | C343 | C344 | C345 | C346 | C347 | C348 | C349 | C350 | C351 | C352 | C353 | C354 | C355 | C356 | C357 | C358 | C359 | C360 | C361 | C362 | C363 | C364 | C365 | C366 | C367 | C368 | C369 | C370 | C371 | C372 | C373 | C374 | C375 | C376 | C377 | C378 | C379 | C380 | C381 | C382 | C383 | C384 | C385 | C386 | C387 | C388 | C389 | C390 | C391 | C392 | C393 | C394 | C395 | C396 | C397 | C398 | C399 | C400 | C401 | C402 | C403 | C404 | C405 | C406 | C407 | C408 | C409 | C410 | C411 | C412 | C413 | C414 | C415 | C416 | C417 | C418 | C419 | C420 | C421 | C422 | C423 | C424 | C425 | C426 | C427 | C428 | C429 | C430 | C431 | C432 | C433 | C434 | C435 | C436 | C437 | C438 | C439 | C440 | C441 | C442 | C443 | C444 | C445 | C446 | C447 | C448 | C449 | C450 | C451 | C452 | C453 | C454 | C455 | C456 | C457 | C458 | C459 | C460 | C461 | C462 | C463 | C464 | C465 | C466 | C467 | C468 | C469 | C470 | C471 | C472 | C473 | C474 | C475 | C476 | C477 | C478 | C479 | C480 | C481 | C482 | C483 | C484 | C485 | C486 | C487 | C488 | C489 | C490 | C491 | C492 | C493 | C494 | C495 | C496 | C497 | C498 | C499 | C500 | C501 | C502 | C503 | C504 | C505 | C506 | C507 | C508 | C509 | C510 | C511 | C512 | C513 | C514 | C515 | C516 | C517 | C518 | C519 | C520 | C521 | C522 | C523 | C524 | C525 | C526 | C527 | C528 | C529 | C530 | C531 | C532 | C533 | C534 | C535 | C536 | C537 | C538 | C539 | C540 | C541 | C542 | C543 | C544 | C545 | C546 | C547 | C548 | C549 | C550 | C551 | C552 | C553 | C554 | C555 | C556 | C557 | C558 | C559 | C560 | C561 | C562 | C563 | C564 | C565 | C566 | C567 | C568 | C569 | C570 | C571 | C572 | C573 | C574 | C575 | C576 | C577 | C578 | C579 | C580 | C581 | C582 | C583 | C584 | C585 | C586 | C587 | C588 | C589 | C590 | C591 | C592 | C593 | C594 | C595 | C596 | C597 | C598 | C599 | C600 | C601 | C602 | C603 | C604 | C605 | C606 | C607 | C608 | C609 | C610 | C611 | C612 | C613 | C614 | C615 | C616 | C617 | C618 | C619 | C620 | C621 | C622 | C623 | C624 | C625 | C626 | C627 | C628 | C629 | C630 | C631 | C632 | C633 | C634 | C635 | C636 | C637 | C638 | C639 | C640 | C641 | C642 | C643 | C644 | C645 | C646 | C647 | C648 | C649 | C650 | C651 | C652 | C653 | C654 | C655 | C656 | C657 | C658 | C659 | C660 | C661 | C662 | C663 | C664 | C665 | C666 | C667 | C668 | C669 | C670 | C671 | C672 | C673 | C674 | C675 | C676 | C677 | C678 | C679 | C680 | C681 | C682 | C683 | C684 | C685 | C686 | C687 | C688 | C689 | C690 | C691 | C692 | C693 | C694 | C695 | C696 | C697 | C698 | C699 | C700 | C701 | C702 | C703 | C704 | C705 | C706 | C707 | C708 | C709 | C710 | C711 | C712 | C713 | C714 | C715 | C716 | C717 | C718 | C719 | C720 | C721 | C722 | C723 | C724 | C725 | C726 | 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REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

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C9	6002-6018-12
C10	6002-6018-37
C11	6002-6024-3A
C12	6002-6170-4A
C13	6003-6171-1C
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C146	6097-F1
C147	6101-B1
C148	6476-E1
C149	6264-G1
C150	6406-G1
C151	6408-V1
C152	6804-G1
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