10406

ANEXO 4

REPORTE DE FLUJOS

DEMANDA BAJA

CASO 1

PESIN

2022

TOMO III

10407

2030 LLUVIOSA

| Node DO | Mfrtr IC_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 | 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 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 | C154 |
|---|---|---

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
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	T3-PRO230	0	T1-CHA230	0	T2-CHA230	0	T3-LSA230	0	T2-SBA230	0	T2-CAL230	0	T1-PAN3 230	0	T2-PAN3 230	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	T3-PRO115	0	T1-CHA115	0	T2-CHA115	0	T3-LSA115	0	T2-SBA115	0	T2-CAL115	0	T1-PAN3 115	0	T2-PAN3 115	0	T1-LHU115	0	T2-LHU115	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	T3-PRO34	0	T1-CHA34	0	T2-CHA34	0	T3-LSA34	0	T2-SBA34	0	T2-CAL342	0	T2-PAN3 13B	0	T1-LHU34	0	T2-LHU34	0
T2-SBA230	21.13	T2-SBA230	21.13	T2-SBA230	21.13

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	6853-6854-5B
C96	6851-6852-5B
C97	6087-6300-T1
C98	6167-6173-T1
C99	6167-6173-T2
C100	6340-6341-T1
C101	6370-6380-T2
C102	6370-6380-T3
C103	6380-6381-T1
C104	6515-6516-T1
C105	6515-6516-T2
C106	6811-6812-T4
C107	6816-6817-T4
C108	6001-6002-6082-T1
C109	6001-6002-6083-T2
C110	6001-6002-6084-T3
C111	6001-6002-6084-T5
C112	6003-6004-6085-T1
C113	6003-6004-6086-T2
C114	6003-6004-6109-T3
C115	6005-6006-6007-T1
C116	6005-6006-6007-T2
C117	6005-6006-6007-T3
C118	6008-6009-6010-T1
C119	6008-6009-6010-T2
C120	6008-6009-6010-T3
C121	6011-6012-6013-T1
C122	6011-6012-6013-T2
C123	6011-6012-6013-T3
C124	6014-6015-6016-T1
C125	6014-6015-6016-T2
C126	6260-6261-6262-T1
C127	6260-6261-6262-T2
C128	6520-6521-6522-T1
C129	6520-6521-6522-T2
C130	6800-6087-6809-T1
C131	6800-6087-6809-T2
C132	6840-6841-6842-T1
C133	6840-6841-6843-T2
C134	6885-6886-6887-T1
C135	6885-6886-6887-T2
C136	6360-6179-22
C137	6460-6461-T1
C138	6460-6462-T2
C139	6460-6472-T3
C140	6751-6752-T1
C141	6811-6812-T4
C142	6816-6817-T4
C143	6840-6821-2
C144	6090-E1
C145	6094-L1
C146	6097-F1
C147	6101-B1
C148	6476-E1
C149	6264-G1
C150	6406-G1
C151	6408-V1
C152	6804-G1
C153	6807-V1
C154	6756-G1

REPUBLICA DE PANAMA
AUTORIDAD NACIONAL DE LOS SERVICIOS PUBLICOS

2032 LLUVIOSA

| Node A | Num Node A | Node B | Num Node B | ID | Mahalo 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 |

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

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
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-PAN3 230	0	T2-PAN3 230	0	T1-HU230	0	T2-HU230	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-PAN3 115	0	T2-PAN3 115	0	T1-HU115	0	T2-HU115	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-PAN3 13A	0	T2-PAN3 13B	0	T1-HU34	0	T2-HU34	0
T2-SBA230	29.65	T2-SBA230	29.65	T2-SBA230	29.65

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	6853-6854-5B
C96	6851-6852-5B
C97	6087-6300-T1
C98	6167-6173-T1
C99	6167-6173-T2
C100	6340-6341-T1
C101	6370-6380-T2
C102	6370-6380-T3
C103	6380-6381-T1
C104	6515-6516-T1
C105	6515-6516-T2
C106	6811-6812-T4
C107	6816-6817-T4
C108	6001-6002-6082-T1
C109	6001-6002-6083-T2
C110	6001-6002-6084-T3
C111	6001-6002-6084-T5
C112	6003-6004-6085-T1
C113	6003-6004-6086-T2
C114	6003-6004-6109-T3
C115	6005-6006-6007-T1
C116	6005-6006-6007-T2
C117	6005-6006-6007-T3
C118	6008-6009-6010-T1
C119	6008-6009-6010-T2
C120	6008-6009-6010-T3
C121	6011-6012-6013-T1
C122	6011-6012-6013-T2
C123	6011-6012-6013-T3
C124	6014-6015-6016-T1
C125	6014-6015-6016-T2
C126	6260-6261-6262-T1
C127	6260-6261-6262-T2
C128	6520-6521-6522-T1
C129	6520-6521-6522-T2
C130	6800-6087-6809-T1
C131	6800-6087-6809-T2
C132	6840-6841-6842-T1
C133	6840-6841-6843-T2
C134	6885-6886-6887-T1
C135	6885-6886-6887-T2
C136	6360-6179-22
C137	6460-6461-T1
C138	6460-6462-T2
C139	6460-6472-T3
C140	6751-6752-T1
C141	6811-6812-T4
C142	6816-6817-T4
C143	6840-6821-2
C144	6090-E1
C145	6094-L1
C146	6097-F1
C147	6101-B1
C148	6476-E1
C149	6264-G1
C150	6406-G1
C151	6408-V1
C152	6804-G1
C153	6807-V1
C154	6756-G1

10421

2034 LLUVIOSA

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	6853-6854-5B
C96	6851-6852-5B
C97	6087-6300-T1
C98	6167-6173-T1
C99	6167-6173-T2
C100	6340-6341-T1
C101	6370-6380-T2
C102	6370-6380-T3
C103	6380-6381-T1
C104	6460-6472-T3
C105	6515-6516-T1
C106	6515-6516-T2
C107	6811-6812-T4
C108	6816-6817-T4
C109	6001-6002-6082-T1
C110	6001-6002-6083-T2
C111	6001-6002-6084-T3
C112	6001-6002-6084-T5
C113	6003-6004-6085-T1
C114	6003-6004-6086-T2
C115	6003-6004-6109-T3
C116	6005-6006-6007-T1
C117	6005-6006-6007-T2
C118	6005-6006-6007-T3
C119	6008-6009-6010-T1
C120	6008-6009-6010-T2
C121	6008-6009-6010-T3
C122	6011-6012-6013-T1
C123	6011-6012-6013-T2
C124	6011-6012-6013-T3
C125	6014-6015-6016-T1
C126	6014-6015-6016-T2
C127	6260-6261-6262-T1
C128	6260-6261-6262-T2
C129	6520-6521-6522-T1
C130	6520-6521-6522-T2
C131	6800-6087-6809-T1
C132	6800-6087-6809-T2
C133	6840-6841-6842-T1
C134	6840-6841-6843-T2
C135	6885-6886-6887-T1
C136	6885-6886-6887-T2
C137	6360-6179-22
C138	6460-6461-T1
C139	6460-6462-T2
C140	6460-6472-T3
C141	6751-6752-T1
C142	6811-6812-T4
C143	6816-6817-T4
C144	6840-6821-2
C145	6090-E1
C146	6094-L1
C147	6097-F1
C148	6101-B1
C149	6476-E1
C150	6264-G1
C151	6406-G1
C152	6408-V1
C153	6804-G1
C154	6807-V1
C155	6756-G1

10423

2036 LLUVIOSA

| Node A | Num Node A | Node B | Num Node B | ID | Mahalo 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 |
|---|---|---

| Node | Numero | V normal | V pu | 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 | C138 | C139 | C140 | C141 | C142 | C143 | C144 | C145 | C146 | C147 | C148 | C149 | C150 | C151 | C152 | C153 | C154 | C155 | C156 |
|---|---|---

LTX609	LTX310	LTX311	LTX312	LTX313	LTX314	LTX315	LTX316	LTX317	LTX318	LTX319	LTX320	LTX321	LTX322	LTX323
T2-MON115	0	T3-MON230	0	T3-MON115	0	T3-MON115	0	T3-MON115	0	T3-MON115	0	T3-MON115	0	T3-MON115
T1-PAN115	0	T2-PAN115	0	T2-PAN115	0	T2-PAN115	0	T2-PAN115	0	T2-PAN115	0	T2-PAN115	0	T2-PAN115
T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115
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
T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115
T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34
T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230
T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342
T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115
T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11
T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A
T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34
T1-CHA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-SBA230	29.66	T1-CHA230	5.02	T1-SBA230
T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-SBA115	13.56	T1-CHA115
T1-PRO115	0.52	T1-CHA115	26.2	T1-PRO115	0.52	T1-CHA115	26.2	T1-PRO115	0.52	T1-CHA115	26.2	T1-PRO115	0.52	T1-CHA115
T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34
T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34
T2-MON230	15.73	T2-MON230	15.73	T2-PRO230	11.24	T2-MON230	15.73	T2-MON230	15.73	T2-PRO230	11.24	T2-MON230	17.43	T2-MON230
T2-PAN115	57.42	T2-PAN115	57.42	T2-PAN115	47.13	T2-PAN115	47.13	T2-PAN115	59.92	T2-PAN115	59.92	T2-PAN115	48.38	T2-PAN115
T2-PAN230	58.15	T2-PAN230	58.15	T2-PAN230	48.22	T2-PAN230	48.22	T2-PAN230	46.97	T2-PAN230	46.97	T2-PAN230	46.97	T2-PAN230
T2-MON115	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230
T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115	18.1	T3-MON115
T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34	16.97	T3-MON34
T3-SBA230	14.08	T3-SBA230	14.08	T3-MON230	14.08	T3-SBA230	14.08	T3-SBA230	14.08	T3-MON230	14.08	T3-SBA230	14.08	T3-SBA230
T3-SBA34	0	T3-SBA34	0	T3-MON34	0	T3-SBA34	0	T3-SBA34	0	T3-MON34	0	T3-SBA34	0	T3-SBA34
T4-PAN230	48.55	T4-PAN230	48.55	T4-PAN230	48.22	T4-PAN230	48.22	T4-PAN230	46.97	T4-PAN230	46.97	T4-PAN230	46.94	T4-PAN230
T4-PAN115	48.55	T4-PAN115	48.55	T4-PAN115	48.22	T4-PAN115	48.22	T4-PAN115	46.94	T4-PAN115	46.94	T4-PAN115	46.94	T4-PAN115
T5-PAN230	53.92	T5-PAN230	53.76	T4-PAN230	48.22	T5-PAN230	45.06	T5-PAN230	44.33	T5-PAN230	44.33	T5-PAN230	44.32	T5-PAN230
T5-PAN115	54.59	T5-PAN115	54.44	T4-PAN115	48.22	T5-PAN115	45.62	T5-PAN115	44.88	T5-PAN115	44.88	T5-PAN115	44.88	T5-PAN115
T5-PAN13T3	0	T5-PAN13T3	0	T4-PAN13T3	0	T5-PAN13T3	0	T5-PAN13T3	0	T5-PAN13T3	0	T5-PAN13T3	0	T5-PAN13T3

LTX324	LTX325	LTX326	LTX327	LTX328	LTX329	LTX330	LTX331	LTX332	LTX333	LTX334	C135	C136	C137
T2-MON115	0	T3-MON230	0	T3-MON115	0	T3-MON115	0	T3-MON115	0	T3-MON115	0	T3-MON115	0
T1-PAN115	0	T2-PAN115	0	T2-PRO115	0	T2-PAN115	0	T2-PAN115	0	T2-PAN115	0	T2-PAN115	0
T1-PAN115	0	T1-PAN115	0	T1-PRO115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0
T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115	13.56	T2-SBA115
T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34	37.85	T2-SBA34
T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230	29.3	T1-CHO230
T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342	0	T1-CAL342
T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115	0	T1-PAN115
T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11	0	T1-PAN11
T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A	0	T1-PAN13A
T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34	37.85	T1-SBA34
T1-CHA230	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-SBA230
T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115	26.2	T1-CHA115
T1-PRO115	0.52	T1-CHA115	26.2	T1-PRO115	0.52	T1-CHA115	26.2	T1-PRO115	0.52	T1-CHA115	26.2	T1-PRO115	0.52	T1-CHA115
T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34	21.87	T1-CHA34
T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34	13.99	T1-PRO34
T2-MON230	17.43	T2-MON230	15.73	T2-PRO230	11.24	T2-MON230	15.73	T2-MON230	15.73	T2-PRO230	11.24	T2-MON230	15.73	T2-MON230
T2-PAN115	48.38	T2-PAN115	47.13	T2-PAN115	47.13	T2-PAN115	59.92	T2-PAN115	59.92	T2-PAN115	59.92	T2-PAN115	48.38	T2-PAN115
T2-PAN230	46.97	T2-PAN230	46.97	T2-PAN230	46.97	T2-PAN230	46.97	T2-PAN230	46.97	T2-PAN230	46.97	T2-PAN230	46.97	T2-PAN230
T2-MON115	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230	15.09	T2-MON230
T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115	12.73	T3-MON115
T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34	17.08	T3-MON34
T3-SBA230	14.08	T3-SBA230	14.08	T3-SBA230	14.08	T3-SBA230	14.08	T3-SBA230	14.08	T3-MON230	14.08	T3-SBA230	14.08	T3-SBA230
T3-SBA34	0	T3-SBA34	0	T3-SBA34	0	T3-SBA34	0	T3-SBA34	0	T3-MON34	0	T3-SBA34	0	T3-SBA34
T4-PAN230	48.55	T4-PAN230	48.55	T4-PAN230	48.22	T4-PAN230	48.22	T4-PAN230	46.97	T4-PAN230	46.97	T4-PAN230	46.94	T4-PAN230
T4-PAN115	48.55	T4-PAN115	48.55	T4-PAN115	48.22	T4-PAN115	48.22	T4-PAN115	46.94	T4-PAN115	46.94	T4-PAN115	46.94	T4-PAN115
T5-PAN230	53.92	T5-PAN230	53.76	T4-PAN230	48.22	T5-PAN230	45.06	T5-PAN230	44.33	T5-PAN230	44.33	T5-PAN230	44.32	T5-PAN230
T5-PAN115	54.59	T5-PAN115	54.44	T4-PAN115	48.22	T5-PAN115	45.62	T5-PAN115	44.88	T5-PAN115	44.88	T5-PAN115	44.88	T5-PAN115
T5-PAN13T3	0	T5-PAN13T3	0	T4-PAN13T3	0	T5-PAN13T3	0	T5-PAN13T3	0	T5-PAN13T3	0	T5-PAN13T3	0	T5-PAN13T3

REPUBLICA DE PANAMA
SERVICIOS PUBLICOS

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	6853-6854-5B
C96	6851-6852-5B
C97	6087-6300-T1
C98	6167-6173-T1
C99	6167-6173-T2
C100	6340-6341-T1
C101	6370-6380-T2
C102	6370-6380-T3
C103	6380-6381-T1
C104	6460-6472-T3
C105	6515-6516-T1
C106	6515-6516-T2
C107	6811-6812-T4
C108	6816-6817-T4
C109	6001-6002-6082-T1
C110	6001-6002-6083-T2
C111	6001-6002-6084-T3
C112	6001-6002-6084-T5
C113	6003-6004-6085-T1
C114	6003-6004-6086-T2
C115	6003-6004-6109-T3
C116	6003-6004-6109-T4
C117	6005-6006-6007-T1
C118	6005-6006-6007-T2
C119	6005-6006-6007-T3
C120	6008-6009-6010-T1
C121	6008-6009-6010-T2
C122	6008-6009-6010-T3
C123	6011-6012-6013-T1
C124	6011-6012-6013-T2
C125	6011-6012-6013-T3
C126	6014-6015-6016-T1
C127	6014-6015-6016-T2
C128	6260-6261-6262-T1
C129	6260-6261-6262-T2
C130	6520-6521-6522-T1
C131	6520-6521-6522-T2
C132	6800-6087-6809-T1
C133	6800-6087-6809-T2
C134	6840-6841-6842-T1
C135	6840-6841-6843-T2
C136	6885-6886-6887-T1
C137	6885-6886-6887-T2
C138	6360-6179-22
C139	6460-6461-T1
C140	6460-6462-T2
C141	6460-6472-T3
C142	6751-6752-T1
C143	6811-6812-T4
C144	6816-6817-T4
C145	6840-6821-2
C146	6090-E1
C147	6094-L1
C148	6097-F1
C149	6101-B1
C150	6476-E1
C151	6264-G1
C152	6406-G1
C153	6408-V1
C154	6804-G1
C155	6807-V1
C156	6756-G1