

ANEXO III-4
REPORTES DE VOLTAJE

2019	Lluviosa		D.Mínima	D.Máxima
Bus	Nombre	Base kV	Voltaje (pu)	Voltaje (pu)
6000	FRONTPRO	230	1.0134	1.013
6001	PAN230	230	1.0207	1.0002
6002	PAN115	115	1.0219	1.0183
6003	PANII230	230	1.0277	1.0156
6004	PANII115	115	1.0146	1.0259
6005	CHO230	230	1.0163	0.9971
6006	CHO115	115	1.016	0.9927
6008	LSA230	230	1.005	1.005
6009	LSA115	115	1.0063	0.9933
6011	MDN230	230	1.0012	1.000
6012	MDN115	115	1.0099	1.0067
6014	PRO230	230	1.0129	1.0125
6015	PRO115	115	1.0118	1.0116
6018	CAC115	115	1.0215	1.0173
6024	CHI115	115	1.0064	0.9869
6059	LM1115	115	1.011	0.9871
6060	LM2115	115	1.011	0.9872
6087	CAL115	115	1.0185	1.0166
6096	FOR230	230	1.0031	1.0044
6170	CPA115	115	1.0137	0.9984
6173	STR115	115	1.0123	0.9905
6179	GUA230	230	1.0012	1.0004
6182	VEL230	230	0.9984	0.9954
6240	EHIG230	230	1.0088	0.9956
6260	CHA230	230	1.0198	1.0189
6261	CHA115	115	1.02	1.02
6263	ESP230	230	1.02	1.0197
6290	CATII115	115	1.0112	0.9875
6340	CAN230	230	1.0068	1.0043
6380	BOQIII230	230	1.0071	1.0063
6400	FRONTCHA	230	1.0208	1.02
6401	PM230-29	230	1.003	1.0015
6440	DOM230	230	1.0107	1.0102
6441	PRIM230	230	1.0113	1.0109
6460	ECO230	230	1.0218	1.018
6500	FRONTDOM	230	1.0117	1.0112
6520	SBA230	230	1.0003	0.9978
6521	SBA115	115	1.0047	1.0029
6550	BEV230	230	0.9996	0.9966
6713	BUR230	230	1.0311	1.0187
6802	PM1-SAB	230	1.0311	1.0145
6803	PM2-SAB	230	1.0311	1.0145
6811	STAT-LSA	230	1.0049	1.0057

2020	Seca		D.Mínima	D.Máxima
Bus	Nombre	Base kV	Voltaje (pu)	Voltaje (pu)
6000	FRONTPRO	230	1.0286	1.0279
6001	PAN230	230	1.0247	1.0194
6002	PAN115	115	1.0097	0.9983
6003	PANII230	230	1.03	1.03
6004	PANII115	115	1.0008	1.0011
6005	CHO230	230	1.0269	1.0227
6006	CHO115	115	1.0267	1.0186
6008	LSA230	230	1.025	1.03
6009	LSA115	115	1.0239	1.0215
6011	MDN230	230	1.0322	1.0312
6012	MDN115	115	1.0471	1.0377
6014	PRO230	230	1.0285	1.0276
6015	PRO115	115	1.0277	1.0249
6018	CAC115	115	1.0091	0.9973
6024	CHI115	115	0.9917	0.9632
6059	LM1115	115	0.9943	0.96
6060	LM2115	115	0.9943	0.96
6087	CAL115	115	1.0437	1.0362
6096	FOR230	230	1.0355	1.0353
6170	CPA115	115	0.9989	0.9747
6171	PAC230	230	1.0317	1.0314
6173	STR115	115	0.9961	0.9643
6179	GUA230	230	1.0341	1.0345
6182	VEL230	230	1.0327	1.0369
6240	EHIG230	230	1.0267	1.0249
6243	VHE230	230	1.031	1.0309
6260	CHA230	230	1.0373	1.0358
6261	CHA115	115	1.0314	1.0275
6263	ESP230	230	1.0378	1.0367
6290	CATII115	115	0.9945	0.9605
6340	CAN230	230	1.0355	1.0339
6380	BOQIII230	230	1.03	1.0289
6400	FRONTCHA	230	1.0367	1.0353
6401	PM230-29	230	1.0348	1.0346
6440	DOM230	230	1.0267	1.0275
6441	PRIM230	230	1.0258	1.0265
6460	ECO230	230	1.0368	1.035
6470	24DIC230	230	1.0308	1.0307
6500	FRONTDOM	230	1.0272	1.0277
6520	SBA230	230	1.0314	1.0359
6521	SBA115	115	1.0286	1.0332
6550	BEV230	230	1.0326	1.0368
6713	BUR230	230	1.0381	1.0353
6802	PM1-SAB	230	1.021	1.021
6803	PM2-SAB	230	1.021	1.021
6811	SVC-LSA	230	1.025	1.03
6816	SVC-PAN2	230	1.0299	1.0303

2020	Lluviosa		D.Mínima	D.Máxima
Bus	Nombre	Base kV	Voltaje (pu)	Voltaje (pu)
6000	FRONTPRO	230	1.0148	1.0135
6001	PAN230	230	1.0212	1.0133
6002	PAN115	115	1.019	1.0171
6003	PANII230	230	1.0275	1.0275
6004	PANII115	115	1.0075	1.0133
6005	CHO230	230	1.0214	1.0133
6006	CHO115	115	1.0211	1.009
6008	LSA230	230	1.01	1.01
6009	LSA115	115	1.012	1.0001
6011	MDN230	230	1.0052	1.0011
6012	MDN115	115	1.0128	1.0074
6014	PRO230	230	1.0144	1.0131
6015	PRO115	115	1.0135	1.0121
6018	CAC115	115	1.0185	1.016
6024	CHI115	115	1.0018	0.9826
6059	LM1115	115	1.0047	0.9799
6060	LM2115	115	1.0047	0.98
6087	CAL115	115	1.0203	1.017
6096	FOR230	230	1.0094	1.0098
6170	CPA115	115	1.0089	0.9936
6171	PAC230	230	1.0285	1.0279
6173	STR115	115	1.0064	0.9839
6179	GUA230	230	1.007	1.0034
6182	VEL230	230	1.0143	1.0056
6240	EHIG230	230	1.0133	1.0054
6243	VHE230	230	1.0279	1.027
6260	CHA230	230	1.0219	1.0205
6261	CHA115	115	1.02	1.02
6263	ESP230	230	1.0223	1.0217
6290	CATII115	115	1.0049	0.9804
6340	CAN230	230	1.011	1.0067
6380	BOQIII230	230	1.0098	1.0076
6400	FRONTCHA	230	1.0227	1.0214
6401	PM230-29	230	1.0081	1.0043
6440	DOM230	230	1.012	1.0104
6441	PRIM230	230	1.0122	1.011
6460	ECO230	230	1.0249	1.0227
6470	24DIC230	230	1.0278	1.0269
6500	FRONTDOM	230	1.0129	1.0114
6520	SBA230	230	1.0188	1.0117
6521	SBA115	115	1.0183	1.0131
6550	BEV230	230	1.0142	1.0059
6713	BUR230	230	1.0313	1.0279
6802	PM1-SAB	230	1.0309	1.0252
6803	PM2-SAB	230	1.0309	1.0252
6811	SVC-LSA	230	1.01	1.01
6816	SVC-PAN2	230	1.0276	1.0277
6830	ANT230	230	1.0143	1.009

2021	Seca		D.Mínima	D.Máxima
Bus	Nombre	Base kV	Voltaje (pu)	Voltaje (pu)
6000	FRONTPRO	230	1.0314	1.0277
6001	PAN230	230	1.0329	1.0199
6002	PAN115	115	1.0286	1.0229
6003	PANII230	230	1.035	1.0275
6004	PANII115	115	1.0147	1.0103
6005	CHO230	230	1.0373	1.0275
6006	CHO115	115	1.0373	1.0244
6008	LSA230	230	1.035	1.03
6009	LSA115	115	1.0367	1.0191
6011	MDN230	230	1.035	1.0303
6012	MDN115	115	1.0502	1.0362
6014	PRO230	230	1.0311	1.0272
6015	PRO115	115	1.0303	1.0228
6018	CAC115	115	1.0285	1.0225
6024	CHI115	115	1.0138	0.9947
6059	LM1115	115	1.0188	0.9982
6060	LM2115	115	1.0188	0.9982
6087	CAL115	115	1.0462	1.0351
6096	FOR230	230	1.0369	1.0343
6170	CPA115	115	1.0214	1.0074
6171	PAC230	230	1.036	1.0285
6173	STR115	115	1.0199	1.0009
6179	GUA230	230	1.0359	1.0348
6182	VEL230	230	1.0401	1.0393
6240	EHIG230	230	1.0381	1.0283
6243	VHE230	230	1.0353	1.0279
6260	CHA230	230	1.0384	1.0356
6261	CHA115	115	1.0324	1.0272
6263	ESP230	230	1.0387	1.0364
6290	CATII115	115	1.0189	0.9985
6340	CAN230	230	1.0371	1.034
6380	BOQIII230	230	1.0325	1.0283
6400	FRONTCHA	230	1.0378	1.0352
6401	PM230-29	230	1.0366	1.0348
6440	DOM230	230	1.0312	1.0285
6441	PRIM230	230	1.0303	1.0275
6460	ECO230	230	1.0387	1.0331
6470	24DIC230	230	1.0351	1.0278
6500	FRONTDOM	230	1.0314	1.0286
6520	SBA230	230	1.0404	1.0379
6521	SBA115	115	1.0373	1.0348
6550	BEV230	230	1.0403	1.0391
6713	BUR230	230	1.0398	1.0335
6802	PM1-SAB	230	1.0281	1.0236
6803	PM2-SAB	230	1.0281	1.0236
6811	SVC-LSA	230	1.035	1.03
6816	SVC-PAN2	230	1.0345	1.0275
6830	ANT230	230	1.0394	1.0304

2021	Lluviosa		D.Mínima	D.Máxima
Bus	Nombre	Base kV	Voltaje (pu)	Voltaje (pu)
6000	FRONTPRO	230	1.016	1.0136
6001	PAN230	230	1.0335	1.0249
6002	PAN115	115	1.0189	1.0147
6003	PANII230	230	1.04	1.04
6004	PANII115	115	1.0098	1.0218
6005	CHO230	230	1.0333	1.0264
6006	CHO115	115	1.0332	1.0233
6008	LSA230	230	1.03	1.0292
6009	LSA115	115	1.0319	1.0184
6011	MDN230	230	1.0134	1.008
6012	MDN115	115	1.0199	1.0132
6014	PRO230	230	1.0155	1.0128
6015	PRO115	115	1.0147	1.0119
6018	CAC115	115	1.0185	1.0139
6024	CHI115	115	1.0019	0.9809
6059	LM1115	115	1.0021	0.9742
6060	LM2115	115	1.0021	0.9743
6087	CAL115	115	1.0248	1.0205
6096	FOR230	230	1.0167	1.014
6170	CPA115	115	1.0063	0.9876
6171	PAC230	230	1.0412	1.0401
6173	STR115	115	1.0039	0.9783
6179	GUA230	230	1.0126	1.0073
6182	VEL230	230	1.0236	1.0169
6240	EHIG230	230	1.0287	1.0211
6243	VHE230	230	1.0403	1.0389
6260	CHA230	230	1.0238	1.0218
6261	CHA115	115	1.02	1.02
6263	ESP230	230	1.0248	1.0232
6290	CATII115	115	1.0023	0.9747
6340	CAN230	230	1.0154	1.0098
6380	BOQIII230	230	1.0144	1.0105
6400	FRONTCHA	230	1.0244	1.0226
6401	PM230-29	230	1.0133	1.008
6440	DOM230	230	1.0134	1.0118
6441	PRIM230	230	1.0133	1.0121
6460	ECO230	230	1.0429	1.0393
6470	24DIC230	230	1.0401	1.0388
6500	FRONTDOM	230	1.0143	1.0126
6520	SBA230	230	1.0316	1.0256
6521	SBA115	115	1.0276	1.0233
6550	BEV230	230	1.0241	1.0175
6713	BUR230	230	1.0412	1.04
6802	PM1-SAB	230	1.0435	1.0418
6803	PM2-SAB	230	1.0435	1.0418
6811	SVC-LSA	230	1.03	1.0292
6816	SVC-PAN2	230	1.0398	1.0406
6830	ANT230	230	1.0312	1.0257
6861	CHE230	230	1.0429	1.0417

2022	Seca		D.Mínima	D.Máxima
Bus	Nombre	Base kV	Voltaje (pu)	Voltaje (pu)
6000	FRONTPRO	230	1.0246	1.0274
6001	PAN230	230	1.0279	1.0232
6002	PAN115	115	1.0295	1.0171
6003	PANII230	230	1.0275	1.0275
6004	PANII115	115	1.0232	1.0164
6005	CHO230	230	1.031	1.0304
6006	CHO115	115	1.0308	1.0272
6008	LSA230	230	1.03	1.03
6009	LSA115	115	1.0357	1.0318
6011	MDN230	230	1.0227	1.0283
6012	MDN115	115	1.0224	1.0347
6014	PRO230	230	1.0241	1.027
6015	PRO115	115	1.023	1.0221
6018	CAC115	115	1.0292	1.0164
6024	CHI115	115	1.0113	0.9858
6059	LM1115	115	1.0088	0.9842
6060	LM2115	115	1.0088	0.9843
6087	CAL115	115	1.0244	1.034
6096	FOR230	230	1.0255	1.0321
6170	CPA115	115	1.0143	0.9941
6173	STR115	115	1.011	0.9895
6179	GUA230	230	1.0244	1.0315
6182	VEL230	230	1.0304	1.0364
6240	EHIG230	230	1.0311	1.0293
6260	CHA230	230	1.0193	1.0318
6261	CHA115	115	1.0199	1.0277
6263	ESP230	230	1.0232	1.0324
6290	CATII115	115	1.0091	0.9848
6340	CAN230	230	1.0234	1.03
6380	BOQIII230	230	1.0234	1.0273
6400	FRONTCHA	230	1.0205	1.0317
6401	PM230-29	230	1.0243	1.0311
6440	DOM230	230	1.0244	1.027
6441	PRIM230	230	1.0234	1.026
6460	ECO230	230	1.0401	1.0283
6500	FRONTDOM	230	1.0247	1.0272
6520	SBA230	230	1.0323	1.0357
6521	SBA115	115	1.0296	1.033
6550	BEV230	230	1.0312	1.0364
6713	BUR230	230	1.0326	1.0255
6811	SVC-LSA	230	1.03	1.03
6816	SVC-PAN2	230	1.0271	1.0278
6830	ANT230	230	1.0338	1.0306
6840	PAN3 230	230	1.0283	1.0242
6841	PAN3 115	115	1.0283	1.0242
6861	CHE230	230	1.0298	1.0294
6867	PM-2	230	1.0227	1.0215
6875	PM-1	230	1.0227	1.0215

2022	Lluviosa		D.Mínima	D.Máxima
Bus	Nombre	Base kV	Voltaje (pu)	Voltaje (pu)
6000	FRONTPRO	230	1.0157	1.0126
6001	PAN230	230	1.0249	1.0224
6002	PAN115	115	1.021	1.0178
6003	PANII230	230	1.0275	1.0275
6004	PANII115	115	1.0039	1.0223
6005	CHO230	230	1.0255	1.0248
6006	CHO115	115	1.0256	1.0214
6008	LSA230	230	1.025	1.03
6009	LSA115	115	1.0324	1.0293
6011	MDN230	230	1.0128	1.0066
6012	MDN115	115	1.0183	1.0124
6014	PRO230	230	1.0151	1.0117
6015	PRO115	115	1.0141	1.0092
6018	CAC115	115	1.0208	1.0173
6024	CHI115	115	1.0051	0.9867
6059	LM1115	115	1.0041	0.9852
6060	LM2115	115	1.0041	0.9852
6087	CAL115	115	1.0238	1.02
6096	FOR230	230	1.0173	1.0129
6170	CPA115	115	1.0081	0.995
6173	STR115	115	1.0059	0.9904
6179	GUA230	230	1.0124	1.006
6182	VEL230	230	1.0211	1.0134
6240	EHIG230	230	1.0211	1.0203
6260	CHA230	230	1.0241	1.0214
6261	CHA115	115	1.02	1.02
6263	ESP230	230	1.0251	1.0228
6290	CATII115	115	1.0043	0.9858
6340	CAN230	230	1.0161	1.0086
6380	BOQIII230	230	1.0139	1.0093
6400	FRONTCHA	230	1.0247	1.0221
6401	PM230-29	230	1.0135	1.0067
6440	DOM230	230	1.0131	1.0113
6441	PRIM230	230	1.0131	1.0117
6460	ECO230	230	1.0348	1.0328
6500	FRONTDOM	230	1.014	1.0121
6520	SBA230	230	1.0281	1.0237
6521	SBA115	115	1.0251	1.0218
6550	BEV230	230	1.021	1.014
6713	BUR230	230	1.0278	1.0238
6811	SVC-LSA	230	1.025	1.03
6816	SVC-PAN2	230	1.0275	1.0271
6830	ANT230	230	1.025	1.0254
6840	PAN3 230	230	1.0258	1.0235
6841	PAN3 115	115	1.0258	1.0235
6861	CHE230	230	1.0299	1.0277
6867	PM-2	230	1.0296	1.0278
6875	PM-1	230	1.0296	1.0278