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Designated Network Resource Service Request
IBR Study

for OASIS 95150056 (DNR) “St. Marks Solar”

December 2021

Transmission Planning, Florida

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Contents

1. Executive Summary

As a member of the FRCC, DEF has been asked to conduct an Inverter Based Resource (IBR) study which includes other FRCC member entities' planned solar requests to assist them in assessing impacts to their system. The customer should note that this study may not follow DEF's interpretation of the Tariff and may not reflect request order in respect to this OASIS request thus impacts to DEF facilities were not considered in this study.

The System Impact for the Duke Energy Florida, LLC (DEF) Transmission System was studied for the Designated Network Resource (DNR) request referenced by OASIS number 95150056. This DNR requests a maximum of 75 MW yearly received from St. Marks Solar resource located in Wakulla County, Florida and delivered to DEF Load within DEF's Area beginning 01/01/2024 thru 01/01/2100. Although the requested start is 01/01/2024, current study work indicates that the NRIS study associated with this has an ISD of 09/03/2024. Therefore, this was the assumed ISD for this request. At the completion of this report, St. Marks Solar is still in its Large Generator Interconnection Procedures (LGIP) process under Q291 and working on the execution of a Large Generator Interconnection Agreement (LGIA) for 74.9 MW summer/winter.

The results of this IBR study did indicate that there are potentially impacted FRCC member entities. The customer will need contact these potentially impacted parties to confirm and resolve impacts to their system.

2. Point of Receipt, and Point of Delivery

The Point of Receipt is the generator referred to as "St. Marks Solar", with the Point of Interconnection will be a new 230 kV terminal at DEF's existing St. Marks East 230/69 kV substation located in Wakulla County, Florida.

The Point of Delivery is City of DEF's Load, which is located in DEF's Balancing Area.

3. Model Development

Power flow models were built using the Siemens PSS®E power system simulation program and were based on the FRCC 2021 (Rls2-RP) series cases, which were the most recent models available at the time of the study. The model years to be studied for power flow impacts will be 2024 Summer, and 2026 Summer. The study case models added the appropriate additional MW summer/winter output to each base case. Any sensitivity work performed was based on the FRCC 2021 (Rls2-RP) series cases.

This resource was studied as being dispatched against other DEF resources that would otherwise be serving DEF's Load.

4. Analyses Performed

Power flow analyses of the cases were performed using PowerGEM's TARA software (TARA) to determine the impact of the DNR on the Bulk Electric System (BES). The base and interconnection study cases were compared to determine if the DNR caused new overloads, voltage violations, or exacerbated existing thermal overloads. In addition, all 69 kV and above branch flows and bus voltages in the FRCC region were monitored.

The following contingencies were performed using the TARA AC Contingency Analysis Calculator:

- Selected TPL-001-4 Category P1, P2, P4, P5, P6 and P7 contingencies within the FRCC region as previously defined by FRCC transmission owners.

5. Screening Criteria

The following criteria were used for screening **thermal results**.

- Unrelated results from GSU transformers were excluded.
- Transmission system elements operated at less than 69 kV nominal voltage were excluded.
- System-intact overloads were screened at greater than 100 percent of rate A.
- Post-contingency overloads were screened at greater than 100 percent of rate A. An exception to using Rate A is the P6 contingencies, which were screened at Rate C.
- Post-contingency overloads that would be improved by the interconnection were excluded.
- Existing Post-contingency overloads were compared between the base and study cases, these overloads that increased were reviewed for significant impact.

The following criteria were used for screening **voltage results**.

- DEF and SECI buses were monitored for values outside of 0.90-1.05 p.u.
- FPL 69, 115, 138, and 230 kV buses were monitored for values outside of 0.95-1.07 p.u.
- FPL 500 kV buses were monitored for values outside of 0.95-1.10 p.u.
- TECO 69 kV buses were monitored for values outside of 0.925-1.05 p.u.
- TECO 138 and 230 kV buses were monitored for values outside of 0.95-1.06 p.u.
- FPL's Turkey Point bus voltage was monitored for values outside of 1.01 p.u. and 1.06 p.u.
- FPL's St. Lucie bus voltage was monitored for values outside of 1.00 p.u. and 1.06 p.u.
- All other monitored areas were monitored for values outside of 0.95-1.05 p.u.
- Generator buses and buses with nominal voltage below 69 kV were excluded from consideration.
- For P6 contingencies, buses were monitored for values outside of 0.88-1.10 p.u.
- Absolute change in bus voltage between base case and the interconnection case must have been greater than 0.02 p.u.

6. Study Results

As a member of the FRCC, DEF has been asked to conduct an Inverter Based Resource (IBR) study which includes other FRCC member entities' planned solar requests to assist them in assessing impacts to their system. The customer should note that this study may not follow DEF's interpretation of the Tariff and may not reflect request order in respect to this OASIS request thus impacts to DEF facilities were not considered in this coordinated study.

The thermal and voltage analyses did indicate that there are potentially impacted FRCC member entity systems. The IBR study results identified as significant impacts are shown in the Appendices below. The customer will need contact these potentially impacted parties identified below to confirm and resolve impacts to their system to maintain firm service. FRCC member entities may wait to identify themselves as an impacted party when this request is presented at the FRCC. FRCC member entities may invoke their right to review any or all their facilities that are suspected to be impacted by this interconnection request, which could result in additional impacted transmission system facilities to any initially identified. The customer may utilize contact information located below.

Potentially Affected Third-Party List

- FPL, GULF

N-1 Thermal Rate A Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	05-Q2911IR-EcoDsp_24s_Base Rate A %	05-Q2911IR-EcoDsp_24s_Base Rate B %	05-Q2911IR-EcoDsp_24s_Base Rate C %	06-Q2911IR-EcoDsp_24s_Study Rate A %	06-Q2911IR-EcoDsp_24s_Study Rate B %	06-Q2911IR-EcoDsp_24s_Study Rate C %	BASE vs STUDY Rate A Diff	BASE vs STUDY Rate B Diff	BASE vs STUDY Rate C Diff	07-Q2911IR-EcoDsp_26s_Base Rate A %	07-Q2911IR-EcoDsp_26s_Base Rate B %	07-Q2911IR-EcoDsp_26s_Base Rate C %	08-Q2911IR-EcoDsp_26s_Study Rate A %	08-Q2911IR-EcoDsp_26s_Study Rate B %	08-Q2911IR-EcoDsp_26s_Study Rate C %	BASE vs STUDY Rate A Diff	BASE vs STUDY Rate B Diff	BASE vs STUDY Rate C Diff	ROW SUMMARY Rate A Max Diff	ROW SUMMARY Rate B Max Diff	ROW SUMMARY Rate C Max Diff	ROW SUMMARY Rate All Max Diff
P2-2:FPL::CLAU_1830	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW
P2-3:FPL::CLAU:1830-117	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW
P2-3:FPL::CLAU:1830-144	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	57.51	49.29	47.36	60.83	52.14	50.09	-	-	-	98.95	84.82	81.49	**102.37**	87.74	84.3	NEW	-	-	NEW			NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	58.97	50.55	48.56	62.17	53.29	51.2	-	-	-	99.91	85.63	82.28	**103.17**	88.43	84.96	NEW	-	-	NEW			NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	57.5	49.28	47.35	60.82	52.13	50.09	-	-	-	98.99	84.85	81.52	**102.41**	87.78	84.34	NEW	-	-	NEW			NEW
P1-1_CC:DEF::CITRUS CC1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	61.49	52.71	50.64	64.76	55.51	53.33	-	-	-	99.62	85.39	82.04	**103.23**	88.48	85.01	NEW	-	-	NEW			NEW
P1-1_CC:DEF::CITRUS CC2	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.96	51.39	49.38	63.22	54.19	52.06	-	-	-	98.3	84.25	80.95	**101.78**	87.24	83.82	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::CAPE_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	59.46	50.88	48.39	62.71	53.66	51.03	-	-	-	97.79	83.68	79.58	**101.46**	86.82	82.56	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::MN3_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	62.88	53.8	51.17	66.08	56.54	53.77	-	-	-	98.81	84.55	80.4	**102.51**	87.72	83.42	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::OKE1-CTA_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.36	50.88	48.89	62.62	53.67	51.57	-	-	-	98.11	84.09	80.79	**101.57**	87.06	83.64	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::OKE1-CTB_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.36	50.88	48.89	62.61	53.67	51.56	-	-	-	98.1	84.09	80.79	**101.56**	87.06	83.64	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::OKE1-CTC_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.36	50.88	48.88	62.61	53.67	51.56	-	-	-	98.09	84.08	80.78	**101.55**	87.04	83.63	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::PEE_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	59.84	51.21	48.7	62.88	53.81	51.17	-	-	-	99.05	84.75	80.6	**102.56**	87.76	83.46	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::RIVE_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	60.15	51.47	48.95	63.19	54.07	51.42	-	-	-	99.04	84.75	80.59	**102.73**	87.9	83.59	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::TP5_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	60.93	52.13	49.58	63.89	54.67	51.99	-	-	-	99.94	85.51	81.32	**103.9**	88.91	84.55	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::WCE1_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	59.55	50.96	48.46	62.56	53.53	50.91	-	-	-	98.35	84.16	80.03	**102.03**	87.3	83.02	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::WCE2_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	59.41	50.84	48.35	62.45	53.43	50.81	-	-	-	98.29	84.11	79.98	**101.96**	87.25	82.97	NEW	-	-	NEW			NEW
P1-1_CC:FPL::SAN4_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	59.47	50.88	48.39	62.72	53.67	51.04	-	-	-	97.59	83.51	79.41	**101.27**	86.65	82.4	NEW	-	-	NEW			NEW
P1-1_CC:FPL::SAN5_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	59.45	50.87	48.37	62.7	53.65	51.02	-	-	-	97.58	83.5	79.41	**101.26**	86.64	82.39	NEW	-	-	NEW			NEW
P1-1_Gen:DEF::3319-CRYST RVR G424.000-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.35	51.73	49.7	63.09	54.08	51.96	-	-	-	96.64	82.84	79.59	**100.98**	86.55	83.16	NEW	-	-	NEW			NEW
P1-1_Gen:FPL::199-STLUCIE1 22.000-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.81	51.26	49.25	63.06	54.05	51.93	-	-	-	98.67	84.58	81.26	**102.15**	87.56	84.12	NEW	-	-	NEW			NEW
P1-1_Gen:FPL::200-STLUCIE2 22.000-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.91	51.36	49.34	63.16	54.14	52.02	-	-	-	98.79	84.68	81.35	**102.27**	87.66	84.22	NEW	-	-	NEW			NEW
P1-2_Branch:DEF:230:3514-CITR EN PB1-230-3516-CITRUS CC-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.96	52.25	50.2	64.22	55.04	52.88	-	-	-	99.07	84.92	81.59	**102.6**	87.94	84.49	NEW	-	-	NEW			NEW
P2-2:DEF:115:DFTN_1_w/CAP	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	82.73	70.92	68.13	83.61	71.67	68.86	-	-	-	99.37	85.17	81.83	**100.39**	86.05	82.68	NEW	-	-	NEW			NEW
P2-2:FPL::MANA-1217	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.33	51.71	49.68	63.59	54.51	52.37	-	-	-	97.32	83.41	80.14	**100.46**	86.11	82.73	NEW	-	-	NEW			NEW
P2-2:FPL:230:TURK-1286	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.02	50.59	48.6	62.27	53.37	51.28	-	-	-	97.98	83.99	80.69	**101.44**	86.95	83.54	NEW	-	-	NEW			NEW
P2-3:DEF::130_w/CAP:DFTN	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	82.45	70.67	67.9	83.36	71.45	68.65	-	-	-	99.19	85.02	81.68	**100.2**	85.88	82.52	NEW	-	-	NEW			NEW
P2-3:DEF::3147_w/CAP:DFTN	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	82.73	70.92	68.13	83.61	71.67	68.86	-	-	-	99.37	85.17	81.83	**100.39**	86.05	82.68	NEW	-	-	NEW			NEW
P2-3:DEF::664:SVSP	3346 BLICHTON TP 69.0 3400 MARTIN WEST 69.0 1	69	2	DEF	82	122	146	167	75.38	62.99	55.07	77.47	64.74	56.6	-	-	-	98.22	82.08	71.76	**100.62**	84.08	73.51	NEW	-	-	NEW			NEW
P2-3:DEF::7146_w/CAP:DFTN	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	82.38	70.61	67.84	83.28	71.39	68.59	-	-	-	99.05	84.9	81.57	**100.07**	85.78	82.41	NEW	-	-	NEW			NEW
P2-3:DEF::7440:CRCC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.44	50.95	48.95	62.72	53.76	51.65	-	-	-	97.67	83.72	80.43	**101.28**	86.81	83.41	NEW	-	-	NEW			NEW
P2-3:FPL::MANA:0349-119	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	61.49	52.71	50.64	64.75	55.5	53.32	-	-	-	98.41	84.35	81.05	**101.98**	87.41	83.99	NEW	-	-	NEW			NEW
P2-3:FPL::MANA:1217-100	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.33	51.71	49.68	63.59	54.51	52.37	-	-	-	97.32	83.41	80.14	**100.46**	86.11	82.73	NEW	-	-	NEW			NEW
P2-3:FPL::MANA:1217-195	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.33	51.71	49.68	63.59	54.51	52.37	-	-	-	97.32	83.41	80.14	**100.46**	86.11	82.73	NEW	-	-	NEW			NEW
P2-3:FPL::MANA:1217-217	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.33	51.71	49.68	63.59	54.51	52.37	-	-	-	97.32	83.41	80.14	**100.46**	86.11	82.73	NEW	-	-	NEW			NEW
P2-3:FPL::ST L:0272-052	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.95	51.39	49.37	63.2	54.17	52.05	-	-	-	98.83	84.71	81.39	**102.31**	87.69	84.25	NEW	-	-	NEW			NEW
P2-3:FPL::TURK:1286-214	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.02	50.59	48.6	62.27	53.37	51.28	-	-	-	97.98	83.99	80.69	**101.44**	86.95	83.54	NEW	-	-	NEW			NEW
P2-3:FPL::TURK:1286-248	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.02	50.59	48.6	62.27	53.37	51.28	-	-	-	97.98	83.99	80.69	**101.44**	86.95	83.54	NEW	-	-	NEW			NEW
P2-3:FPL::TURK:1286-277	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.02	50.59	48.6	62.27	53.37	51.28	-	-	-	97.98	83.99	80.69	**101.44**	86.95	83.54	NEW	-	-	NEW			NEW
P2-3:FPL::TURK:1603-230	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.03	50.6	48.62	62.28	53.39	51.29	-	-	-	98	84	80.71	**101.46**	86.97	83.55	NEW	-	-	NEW			NEW
P2-3:FPL::TURK:1603-281	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.04	50.61	48.62	62.29	53.39	51.3	-	-	-	98.06	84.05	80.76	**101.52**	87.02	83.61	NEW	-	-	NEW			NEW
P5:SECI::HARDEE	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	56.38	48.33	46.43	59.45	50.96	48.96	-	-	-	98.2	84.17	80.87	**101.68**	87.15	83.74	NEW	-	-	NEW			NEW
P7:OUC:230:Taft-MR/AIP	2074 WEKIVA 230 2076 PIEDM230 CAP 230 1	230	2	DEF	71/72	476	550	668	99.05	85.72	70.58	**100.75**	87.19	71.79	NEW	-	-												NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	40.1	34.31	32.63	51.25	43.86	41.71	-	-	-	**104.41**	89.34	84.96	**117.5**	**100.54**	95.61	13.09	NEW	-	13.09	NEW		NEW
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	42.18	36.09	34.32	53.39	45.68	43.45	-	-	-	**106.71**	91.31	86.84	**119.77**	**102.48**	97.46	13.06	NEW	-	13.06	NEW		NEW
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	42.18	36.09	34.32	53.39	45.68	43.45	-	-	-	**106.71**	91.31	86.84	**119.77**	**102.48**	97.46	13.06	NEW	-	13.06	NEW		NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	43.71	37.47	36	55.32	47.42	45.56	-	-	-	**109.28**	93.67	90	**122.15**	**104.7**	**100.59**	12.87	NEW	NEW	12.87	NEW	NEW	NEW
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	45.91	39.35	37.81	57.52	49.3	47.37	-	-	-	**111.59**	95.65	91.9	**124.42**	**106.64**	**102.46**	12.83	NEW	NEW	12.83	NEW	NEW	NEW
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	45.91	39.35	37.81	57.52	49.3	47.37	-	-	-	**111.59**	95.65	91.9	**124.42**	**106.64**	**102.46**	12.83	NEW	NEW	12.83	NEW	NEW	NEW
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	45.51	39.01	37.48	57.04	48.89	46.97	-	-	-	**112.31**	96.27	92.49	**123.95**	**106.24**	**102.07**	11.64	NEW	NEW	11.64	NEW	NEW	NEW
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	41.28	35.33	33.59	52.52	44.94	42.74	-	-	-	**107.55**	92.02	87.51	**119.19**	**101.98**	96.99	11.64	NEW	-	11.64	NEW		NEW
P2-3:DEF::3150_w/CAP:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	42.6	36.52	35.09	54.44	46.66	44.83	-	-	-	**109.33**	93.71	90.03	**120.9**	**103.63**	99.56	11.57	NEW	-	11.57	NEW		NEW
P2-3:DEF::3150_w/CAP:PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	38.88	33.27	31.64	50.32	43.06	40.95	-	-	-	**104.58**	89.49	85.1	**116.12**	99.36	94.49	11.54	-	-	11.54			11.54
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	47.84	41.01	39.4	59.53	51.03	49.03	-	-	-	**114.67**	98.29	94.44	**126.19**	**108.16**	**103.92**	11.52	NEW	NEW	11.52	NEW	NEW	NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	43.9	37.56	35.72	55.26	47.28	44.97	-	-	-	**109.98**	94.11	89.49	**121.47**	**103.93**	98.84	11.49	NEW	-	11.49	NEW		NEW
P2-3:DEF::8492:STME	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	47.85	41.01	39.4	59.18	50.73	48.74	-	-	-	**114.62**	98.25	94.4	**125.93**	**107.94**	**103.71**	11.31	NEW	NEW	11.31	NEW	NEW	NEW
P2-3:DEF::8492:STME	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	43.9	37.56	35.72	54.91	46.98	44.68	-	-	-	**109.95**	94.08	89.47	**121.21**	**103.72**	98.63	11.26	NEW	-	11.26	NEW		NEW
P2-3:DEF::3B:PWLN	3516 CITRUS CC 230 3526 POWERLINE 230 1	230	2	DEF	60	656	798	1070	**104.86**	86.2	64.29	**104.25**	85.7	63.91	+	-	-	**109.87**	90.32	67.36	**114.1**	93.8	69.96	4.23	-	-	4.23			4.23
P2-3:DEF::3B:PWLN	3516 CITRUS CC 230 3526 POWERLINE 230 4	230	2	DEF	60	656	761	1015	**104.86**	90.39	67.77	**104.25**	89.87	67.38	+	-	-	**109.87**	94.71	71.01	**114.1**	98.36	73.75	4.23	-	-	4.23			4.23
P7:DEF::CENG-PWRL	3516 CITRUS CC 230 3526 POWERLINE 230 3	230	2	DEF	60	656	798	1070	**104.86**	86.2	64.29	**104.25**	85.7	63.91	+	-	-	**109.87**	90.32	67.36	**114.1**	93.8	69.96	4.23	-	-	4.23			4.23
P7:DEF::CENG-PWRL	3516 CITRUS CC 230 3526 POWERLINE 230 4	230	2	DEF	60	656	761	1015	**104.86**	90.39	67.77	**104.25**	89.87	67.38	+	-	-	**109.87**	94.71	71.01	**114.1**	98.36	73.75	4.23	-	-	4.23			4.23
P7:DEF::PWRL-CENG	3516 CITRUS CC 230 3526 POWERLINE 230 1	230	2	DEF	60	656	798	1070	**104.86**	86.2	64.29	**104.25**	85.7	63.91	+	-	-	**109.87**	90.32	67.36	**114.1**	93.8	69.96	4.23	-	-	4.23			4.23
P7:DEF::PWRL-CENG	3516 CITRUS CC 230 3526 POWERLINE 230 2	230	2	DEF	60	656	798	1070	**104.86**	86.2	64.29	**104.25**	85.7	63.91	+	-	-	**109.87**	90.32	67.36	**114.1**	93.8	69.96	4.23	-	-	4.23			4.23
P1-1_CC:FPL ::TP5_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	65.24	55.92	53.72	68.29	58.54	56.24	-	-	-	**104.65**	89.7	86.18	**108.57**	93.06	89.41	3.92	-	-	3.92			3.92
12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.74	54.64	52.5	67.14	57.55	55.29	-	-	-	**107.11**	91.81	88.21	**110.97**	95.12	91.39	3.86	-	-	3.86			3.86
12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	59.43	50.85	48.36	62.75	53.7	51.06	-	-	-	**102.48**	87.69	83.39	**106.33**	90.98	86.52	3.85	-	-	3.85			3.85
P1-1_CC:FPL ::MN3_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	67.22	57.62	55.36	70.45	60.39	58.02	-	-	-	**103.52**	88.73	85.25	**107.21**	91.89	88.29	3.69	-	-	3.69			3.69
P1-1_CC:FPL ::RIVE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	64.48	55.27	53.1	67.59	57.93	55.66	-	-	-	**103.75**	88.93	85.44	**107.42**	92.07	88.46	3.67	-	-	3.67			3.67
P1-1_CC:FPL::FT.MYRCTAB_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.36	53.45	51.35	65.62	56.25	54.04	-	-	-	**101.02**	86.59	83.19	**104.69**	89.73	86.22	3.67	-	-	3.67			3.67
P1-1_CC:FPL::FT.MYRCTCD_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.36	53.45	51.35	65.62	56.25	54.04	-	-	-	**101.02**	86.59	83.19	**104.69**	89.73	86.22	3.67	-	-	3.67			3.67
P1-1_CC:FPL::FT.MYRCTEF_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.36	53.45	51.35	65.62	56.25	54.04	-	-	-	**101.02**	86.59	83.19	**104.69**	89.73	86.22	3.67	-	-	3.67			3.67
P1-1_CC:FPL ::WCE1_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.84	54.72	52.58	66.95	57.39	55.14	-	-	-	**103.05**	88.33	84.86	**106.71**	91.47	87.88	3.66	-	-	3.66			3.66
P1-1_CC:FPL ::WCE2_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.72	54.62	52.48	66.83	57.29	55.04	-	-	-	**102.98**	88.27	84.81	**106.64**	91.41	87.83	3.66	-	-	3.66			3.66
P1-1_CC:FPL::SAN5_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.74	54.63	52.49	67.01	57.43	55.18	-	-	-	**102.3**	87.69	84.25	**105.93**	90.8	87.24	3.63	-	-	3.63			3.63
P1-1_CC:FPL ::CAPE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.75	54.65	52.5	67.02	57.44	55.19	-	-	-	**102.51**	87.87	84.42	**106.14**	90.98	87.41	3.63	-	-	3.63			3.63
P1-1_CC:FPL::SAN4_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.76	54.65	52.51	67.02	57.45	55.2	-	-	-	**102.32**	87.7	84.26	**105.94**	90.81	87.25	3.62	-	-	3.62			3.62
12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.01	51.44	49.42	63.15	54.13	52.01	-	-	-	**100.95**	86.53	83.14	**104.57**	89.63	86.12	3.62	-	-	3.62			3.62
P2-3:DEF::7456:CRCC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.31	53.41	51.31	65.58	56.21	54.01	-	-	-	**100.46**	86.11	82.73	**104.07**	89.2	85.7	3.61	-	-	3.61			3.61
P1-1_CC:FPL ::PEE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	64.14	54.98	52.82	67.25	57.64	55.38	-	-	-	**103.69**	88.88	85.4	**107.21**	91.9	88.29	3.52	-	-	3.52			3.52

N-1 Thermal Rate B Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	05-Q291BR-EcoDsp_24s_Base			05-Q291BR-EcoDsp_24s_Study			BASE vs STUDY			07-Q291BR-EcoDsp_26s_Base			07-Q291BR-EcoDsp_26s_Study			ROW SUMMARY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY
									Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A Max Diff	Rate B Max Diff	Rate C Max Diff	Rate All Max Diff
P2-2:FPL::CLAU_1830	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW
P2-3:FPL::CLAU:1830-117	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW
P2-3:FPL::CLAU:1830-144	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW

N-1 Thermal Rate C Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	05-Q291BR-EcoDsp_24s_Base			05-Q291BR-EcoDsp_24s_Study			BASE vs STUDY			07-Q291BR-EcoDsp_26s_Base			07-Q291BR-EcoDsp_26s_Study			ROW SUMMARY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY
									Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A Max Diff	Rate B Max Diff	Rate C Max Diff	Rate All Max Diff
P2-2:FPL::CLAU_1830	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW
P2-3:FPL::CLAU:1830-117	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW
P2-3:FPL::CLAU:1830-144	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207	207	207										99.87	99.87	99.87	**100.98**	**100.98**	**100.98**	NEW	NEW	NEW	NEW	NEW	NEW	NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	43.71	37.47	36	55.32	47.42	45.56	-	-	-	**109.28**	93.67	90	**122.15**	**104.7**	**100.59**	12.87	NEW	NEW	12.87	NEW	NEW	NEW
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	45.91	39.35	37.81	57.52	49.3	47.37	-	-	-	**111.59**	95.65	91.9	**124.42**	**106.64**	**102.46**	12.83	NEW	NEW	12.83	NEW	NEW	NEW
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	45.91	39.35	37.81	57.52	49.3	47.37	-	-	-	**111.59**	95.65	91.9	**124.42**	**106.64**	**102.46**	12.83	NEW	NEW	12.83	NEW	NEW	NEW
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	45.51	39.01	37.48	57.04	48.89	46.97	-	-	-	**112.31**	96.27	92.49	**123.95**	**106.24**	**102.07**	11.64	NEW	NEW	11.64	NEW	NEW	NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	47.84	41.01	39.4	59.53	51.03	49.03	-	-	-	**114.67**	98.29	94.44	**126.19**	**108.16**	**103.92**	11.52	NEW	NEW	11.52	NEW	NEW	NEW
P2-3:DEF::8492:STME	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	47.85	41.01	39.4	59.18	50.73	48.74	-	-	-	**114.62**	98.25	94.4	**125.93**	**107.94**	**103.71**	11.31	NEW	NEW	11.31	NEW	NEW	NEW

N-1 Voltage Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Min Volt Limit	Max Volt Limit	05-Q291BR-EcoDsp_24s_Base	06-Q291BR-EcoDsp_24s_Study	STUDY VSBASE	07-Q291BR-EcoDsp_26s_Base	08-Q291BR-EcoDsp_26s_Study	STUDY VSBASE	ROW SUMMARY
								Volt	Volt	Volt Diff	Volt	Volt	Volt Diff	Volt Max Diff
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05	1.0137	**1.0675**	NEW	1.017	1.0193	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05	1.0113	**1.0934**	NEW	1.0146	1.0163	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05	1.0114	**1.1103**	NEW	1.0146	1.0164	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05	1.0207	**1.0553**	NEW	1.0241	1.0165	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05	1.0139	**1.0677**	NEW	1.0173	1.0191	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05	1.0114	**1.1059**	NEW	1.0146	1.0164	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05	1.0028	**1.0572**	NEW	1.0061	1.0083	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05	1.0137	**1.0675**	NEW	1.017	1.0193	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05	1.0113	**1.0934**	NEW	1.0145	1.0163	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05	1.0207	**1.0553**	NEW	1.0241	1.0164	-	NEW
P5:FPL:138:MIAMI-RIVERSDE	806 CCG DIST2 138	138	1	FPL	1	0.95	1.07	0.9522	0.9522	-	0.95	**0.9499**	NEW	NEW
T-P2-1::FPL:230:OrangeRiver_Terry:(609-351-1)	283 ARCADIA 69	69	1	FPL	4	0.95	1.07	0.9538	0.9539	-	0.9519	**0.946**	NEW	NEW
P2-3:FPL::FARMLIFE:227-248	5323 KEY KDS1 69	69	7	KEY	221	0.95	1.051	0.9935	0.9935	-	**0.7168**	**0.6853**	0.0315	0.0315
P2-3:FPL::FARMLIFE:227-248	5324 KEY KWD 69	69	7	KEY	221	0.95	1.051	0.987	0.987	-	**0.7081**	**0.6766**	0.0315	0.0315
P2-3:FPL::FARMLIFE:227-248	5325 KEY WSS 69	69	7	KEY	221	0.95	1.051	0.988	0.988	-	**0.7086**	**0.6771**	0.0315	0.0315
P2-3:FPL::FARMLIFE:227-248	5320 KEY CT 69	69	7	KEY	221	0.95	1.051	1	1	-	**0.7268**	**0.6954**	0.0314	0.0314
P2-3:FPL::FARMLIFE:227-248	5322 KEY SIPS 69	69	7	KEY	221	0.95	1.051	1	1	-	**0.7268**	**0.6954**	0.0314	0.0314
P2-3:FPL::FARMLIFE:227-248	5326 KEY TSS 69	69	7	KEY	221	0.95	1.051	0.9865	0.9865	-	**0.7085**	**0.6771**	0.0314	0.0314
P2-3:FPL::FARMLIFE:227-248	5328 KEY KDS2 69	69	7	KEY	221	0.95	1.051	0.9877	0.9877	-	**0.7114**	**0.6802**	0.0312	0.0312
P2-3:FPL::FARMLIFE:227-248	5330 KEY SSS 69	69	7	KEY	221	0.95	1.051	0.9959	0.9959	-	**0.7229**	**0.6917**	0.0312	0.0312
P2-3:FPL::FARMLIFE:227-248	5321 KEY SIS 69	69	7	KEY	221	0.95	1.051	0.991	0.991	-	**0.7184**	**0.6874**	0.031	0.031
P2-3:FPL::FARMLIFE:227-248	5305 KEY SIS2 138	138	7	KEY	221	0.95	1.051	0.9883	0.9883	-	**0.7174**	**0.6866**	0.0308	0.0308
P2-3:FPL::FARMLIFE:227-248	5303 KEY SIS1 138	138	7	KEY	221	0.95	1.051	0.9819	0.9819	-	**0.7145**	**0.6843**	0.0302	0.0302
P2-3:FPL::FARMLIFE:227-248	5302 KEY BCS 138	138	7	KEY	221	0.95	1.051	0.9806	0.9806	-	**0.7148**	**0.6848**	0.03	0.03
P2-3:FPL::FARMLIFE:227-248	5304 KEY CKS 138	138	7	KEY	221	0.95	1.051	0.969	0.969	-	**0.7133**	**0.6845**	0.0288	0.0288
P2-3:FPL::FARMLIFE:227-248	5339 KEY BPS1 13.8	13.8	7	KEY	221	0.9	1.1	0.9835	0.9835	-	**0.7673**	**0.7393**	0.028	0.028
P2-3:FPL::FARMLIFE:227-248	5301 BIGPINE 138	138	7	KEY	221	0.95	1.051	0.9586	0.9586	-	**0.7217**	**0.6948**	0.0269	0.0269
P2-3:FPL::FARMLIFE:227-248	873 MARATHON 138	138	1	FPL	7	0.95	1.07	**0.9298**	**0.9298**	=	**0.7249**	**0.702**	0.0229	0.0229
P2-3:FPL::FARMLIFE:227-248	877 CRAWLKEY 138	138	1	FPL	7	0.95	1.07	**0.9154**	**0.9154**	=	**0.7286**	**0.7078**	0.0208	0.0208
P2-3:FPL::FARMLIFE:227-248	879 ISLMRDASCAP 138	138	1	FPL	7	0.95	1.07	0.9692	0.9692	-	**0.7761**	**0.7559**	0.0202	0.0202

P6 Thermal results

Contingency	2nd Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate Cont (MVA)	05-Q291BR EcoDsp_24s_Base AC % / PU	06-Q291BR EcoDsp_24s_Study AC % / PU	BASE vs STUDY Rate Cont Diff	07-Q291BR EcoDsp_26s_Base AC % / PU	08-Q291BR EcoDsp_26s_Study AC % / PU	BASE vs STUDY Rate Cont Diff	ROW SUMMARY Rate Cont Max Diff
P1-2:DEF:115:SWTR-HOGN	P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	509 SANDERTP 115 50010 FPL-Q421_POI 115 1	115	1	FPL	5	207				99.54	**100.12**	NEW	NEW
P1-2:FPL:115:Bearcat_Hogan	P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	509 SANDERTP 115 1368 TIMBER 115 1	115	1	FPL	5	192				99.43	**100.06**	NEW	NEW
P1-2:FPL:115:Hogan_Suwanne	P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	509 SANDERTP 115 50010 FPL-Q421_POI 115 1	115	1	FPL	5	207				99.54	**100.12**	NEW	NEW
P1-2_Branch:FPL:230:1000-SKYLIGHT-230-1006-SUNSHINE-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	535 CORBETT 230 1312 WCE1-CL2 230 1	230	1	FPL	3	1269					**115.38**	NEW	NEW
P1-2_Branch:FPL:230:1176-HERITAGE-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	535 CORBETT 230 1312 WCE1-CL2 230 1	230	1	FPL	3	1269					**121.38**	NEW	NEW
P1-2_Branch:FPL:230:1186-ELDORA-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	535 CORBETT 230 1312 WCE1-CL2 230 1	230	1	FPL	3	1269					**115.41**	NEW	NEW
P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	F-P2-1:FPL:115:Bearcat_Hogan:(1369-855-1)	509 SANDERTP 115 1368 TIMBER 115 1	115	1	FPL	5	192				99.42	**100.05**	NEW	NEW
P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	F-P2-1:FPL:115:Hogan_Suwanne:(1370-368-1)	509 SANDERTP 115 50010 FPL-Q421_POI 115 1	115	1	FPL	5	207				99.47	**100.05**	NEW	NEW
P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	T-P2-1::DEF:115:SWTR-HOGN:(368-1370-1)	509 SANDERTP 115 50010 FPL-Q421_POI 115 1	115	1	FPL	5	207				99.47	**100.05**	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				96.86	**100.33**	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				97.93	**101.47**	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				97.09	**101.04**	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				96.86	**100.33**	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				96.9	**100.38**	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				99.02	**102.47**	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				96.9	**100.38**	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				97.98	**101.53**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				97.1	**101.15**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				98.95	**102.5**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				99.92	**103.52**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	14512 SNOWDN8 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				99.37	**103**	NEW	NEW
12505 SPAIN 230 12595 DAISY 230 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				97.87	**101.58**	NEW	NEW
12505 SPAIN 230 12595 DAISY 230 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				97.92	**101.63**	NEW	NEW
12505 SPAIN 230 12595 DAISY 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				99.92	**103.5**	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				99.31	**102.95**	NEW	NEW
397765 LAGUNA B6 230 397836 L SMITH 6 230 1	397765 LAGUNA B6 230 397836 L SMITH 6 230 2	397800 LONG BEACH 115 397802 HOLIDAY 115 1	115	348	GULF	802	155	99.76	**100.62**	NEW	97.3	98.19	-	NEW
397765 LAGUNA B6 230 397836 L SMITH 6 230 1	P1-2_Branch:GULF:230:397765-LAGUNA B6-230-397836-L SMITH 6-230-2	397800 LONG BEACH 115 397802 HOLIDAY 115 1	115	348	GULF	802	155	99.76	**100.62**	NEW	97.3	98.19	-	NEW
P1-2:GPC:115:FlowerCreek_Callaway	397860 CALLAWAY6 230 397861 CALLAWAY3 115 1	397855 REDWOOD1 115 397865 WEWA RD 115 1	115	348	GULF	802	121				99.63	**100.42**	NEW	NEW
P1-2:GPC:115:FlowerCreek_Callaway	P1-3_2WindTr:GULF:230/115:397860-CALLAWAY6-230-397861-CALLAWAY3-115-1	397855 REDWOOD1 115 397865 WEWA RD 115 1	115	348	GULF	802	121				99.63	**100.42**	NEW	NEW
P1-2_Branch:GULF:230:397765-LAGUNA B6-230-397836-L SMITH 6-230-1	397765 LAGUNA B6 230 397836 L SMITH 6 230 2	397800 LONG BEACH 115 397802 HOLIDAY 115 1	115	348	GULF	802	155	99.76	**100.62**	NEW	97.3	98.19	-	NEW
P1-2_Branch:GULF:230:397765-LAGUNA B6-230-397836-L SMITH 6-230-1	P1-2_Branch:GULF:230:397765-LAGUNA B6-230-397836-L SMITH 6-230-2	397800 LONG BEACH 115 397802 HOLIDAY 115 1	115	348	GULF	802	155	99.76	**100.62**	NEW	97.3	98.19	-	NEW
11878 N TIFTON B2 230 12587 COOK 230 1	P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207					**108.38**	NEW	NEW
P1-2_Branch:DEF/SEC:230:3528-MARTIN WEST-230-7120-SLV_SP_N-230-1	P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207					**112.49**	NEW	NEW
P1-2_Branch:FPL:230:463-DUVAL-230-1830-CLAUDE-230-1	11878 N TIFTON B2 230 12587 COOK 230 1	12355 MACEDON SW 115 50010 FPL-Q421_POI 115 1	115	30/1	SOCO/FPL	701/5	207					**108.38**	NEW	NEW
10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**107.61**	**111.75**	4.14	4.14
10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				**102.58**	**106.69**	4.11	4.11
12500 RACCOON CK 500 14600 FARLEY 8 500 1	10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**107.68**	**111.78**	4.1	4.1
12500 RACCOON CK 500 14600 FARLEY 8 500 1	10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				**102.67**	**106.72**	4.05	4.05
12505 SPAIN 230 12595 DAISY 230 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**102.87**	**106.58**	3.71	3.71
12505 SPAIN 230 12595 DAISY 230 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**102.92**	**106.63**	3.71	3.71
12500 RACCOON CK 500 14600 FARLEY 8 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**104.92**	**108.55**	3.63	3.63
12505 SPAIN 230 12595 DAISY 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**104.93**	**108.53**	3.6	3.6
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**102.93**	**106.5**	3.57	3.57
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**102.98**	**106.55**	3.57	3.57
12500 RACCOON CK 500 14600 FARLEY 8 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**103.95**	**107.52**	3.57	3.57
11885 W VALDOSTA 230 12505 SPAIN 230 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.82**	**105.34**	3.52	3.52
11885 W VALDOSTA 230 12505 SPAIN 230 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.87**	**105.39**	3.52	3.52
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.87**	**105.39**	3.52	3.52
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.83**	**105.34**	3.51	3.51
11885 W VALDOSTA 230 12505 SPAIN 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**104.01**	**107.49**	3.48	3.48

P6 Voltage Results

Contingency	2nd Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Min Volt Limit	Max Volt Limit	05-Q291IBR-EcoDisp_24s_Base Volt	06-Q291IBR-EcoDisp_24s_Study Volt	STUDY VS BASE Volt Diff	07-Q291IBR-EcoDisp_26s_Base Volt	08-Q291IBR-EcoDisp_26s_Study Volt	STUDY VS BASE Volt Diff	ROW SUMMARY Volt Max Diff
12500 RACCOON CK 500 14600 FARLEY 8 500 1	P1-3_3WindTr:FPL:230/161:RAVEN-972-997-1222-1	997 RAVEN2_161 161	161	1	FPL	5	0.95	1.07		1.1103	NEW	1.1099	1.1101	0.0002	NEW
P1-2:FPL:138:ArchCreek_MiamiShores	T-P2-1::FPL:230:Greynolds_Laudania:(156-182-1)	28 BOULEVRD 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2:FPL:138:Hallandale_Lauderdale	T-P2-1::FPL:230:Greynolds_Laudania:(156-182-1)	96 ULETA 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2:FPL:138:Hobe_Plumosus_1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9487	NEW	NEW
P1-2:FPL:138:Hobe_Plumosus_2	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9487	NEW	NEW
P1-2:FPL:138:Hobe_Sandpiper	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9486	NEW	NEW
P1-2:FPL:138:IndianCreek_LittleRiver	T-P2-1::FPL:138:Coconut Grove_MiamiBch:(61-33-1)	57 INDIAN C 138	138	1	FPL	1	0.95	1.07					0.9499	NEW	NEW
P1-2:FPL:138:Midway_Sandpiper_1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9487	NEW	NEW
P1-2:FPL:138:Ranch_Westinghouse	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9485	NEW	NEW
P1-2:FPL:138:West_Barefoot	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9484	NEW	NEW
P1-2:FPL:230:Bridge_Plumosus	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9487	NEW	NEW
P1-2:FPL:230:Broward_Kimberly	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9486	NEW	NEW
P1-2:FPL:230:Cedar_Fountain	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9487	NEW	NEW
P1-2:FPL:230:Cedar_Ranch	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9485	NEW	NEW
P1-2:FPL:230:Flag_Gall_TkyPt	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	26 BIRD 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2:FPL:230:Flag_Gall_TkyPt	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	77 OJUS 138	138	1	FPL	1	0.95	1.07					0.9499	NEW	NEW
P1-2:FPL:230:Flagami_Levee	F-P2-1:FPL:138:CocoGrv_Riverside:(33-548-1)	548 COCOGRV DIST 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2:FPL:230:Flagami_Levee	F-P2-1:FPL:138:CocoGrv_Riverside:(33-548-1)	806 CCG DIST2 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2:FPL:230:Flagami_Miami_2	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	77 OJUS 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2:FPL:230:Fountain_Riviera	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9484	NEW	NEW
P1-2:FPL:230:Greynolds_Laudania	T-P2-1::FPL:138:ArchCreek_MiamiShores:(642-71-1)	28 BOULEVRD 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2:FPL:230:Greynolds_Laudania	T-P2-1::FPL:138:ArchCreek_MiamiShores:(642-71-1)	731 NATBRIDG 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2:FPL:230:Indiantown_Bridge_1	P1-2_Branch:FPL:230:261-HOBE-230-263-INDN TWN-230-1	247 PT SEWEL 138	138	1	FPL	3	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2:FPL:230:Indiantown_Midway	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9483	NEW	NEW
P1-2:FPL:230:Indiantown_Ranch	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9485	NEW	NEW
P1-2:FPL:230:Kimberly_Broward	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9486	NEW	NEW
P1-2:FPL:230:Minto_Ranch	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9487	NEW	NEW
P1-2:FPL:230:Ranch_Gatlin	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9482	NEW	NEW
P1-2:FPL:230:Ranch_Kimberly	P1-2_Branch:FPL:500:274-CORBETT-500-276-MIDWAY-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9481	NEW	NEW
P1-2:FPL:230:Ranch_Kimberly	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9479	NEW	NEW
P1-2:FPL:230:Yamato_Deltrail	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.948	NEW	NEW
P1-2:TEC:230:230014	P1-2:TEC:230:230018_S	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9477	NEW	NEW
P1-2:TEC:230:230014	P1-2:TEC:230:230043_S	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9475	NEW	NEW
P1-2_Branch:DEF/FMPP:230:2878-BARCOLA-230-6102-WEST-230-1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9482	NEW	NEW
P1-2_Branch:FPL:115:1054-PIROLO-115-5501-NSB-SMYR-115-1	F-P2-1:FPL:115:Norris_Smyrna NSB:(414-545-1)	1121 EDGECAPTAP 115	115	1	FPL	5	0.95	1.07					0.9498	NEW	NEW
P1-2_Branch:FPL:115:1054-PIROLO-115-5501-NSB-SMYR-115-1	F-P2-1:FPL:115:Norris_Smyrna NSB:(414-545-1)	389 EDGEWATR 115	115	1	FPL	5	0.95	1.07					0.9498	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	F-P2-1:FPL:230:Andytown_Sheridan:(175-520-1)	76 NORMNDFL 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	F-P2-1:FPL:230:Dade_Levee_1:(104-844-1)	642 A CREEK DIST 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	F-P2-1:FPL:230:Dade_Levee_1:(104-844-1)	780 BOULEVTP 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	F-P2-1:FPL:230:Flagami_TkyPt_1:(106-117-1)	92 SUNNY IS 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	F-P2-1:FPL:230:Gatlin_Treasure:(984-687-1)	76 NORMNDFL 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	P1-2_Branch:FPL:230:105-DAVIS-230-119-TURKEY P-230-3	53 HAULOVER 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	P1-2_Branch:FPL:230:110-LINDGREN-230-119-TURKEY P-230-1	72 MIA BCH 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	P1-2_Branch:FPL:230:110-LINDGREN-230-119-TURKEY P-230-1	731 NATBRIDG 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	P1-3_3WindTr:FPL:230/138:GALLOWAY-45-945-1745-1	72 MIA BCH 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	T-P2-1::FPL:138:Greynolds_Lauderdale:(524-159-1)	136 BEVERLY 138	138	1	FPL	2	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	T-P2-1::FPL:230:Dade_Overtown:(1025-988-1)	28 BOULEVRD 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	T-P2-1::FPL:230:Flag_Gall_TkyPt:(839-1603-1)	77 OJUS 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	T-P2-1::FPL:230:Flagami_Miami_1:(112-727-1)	97 UNIVRSTY 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	T-P2-1::FPL:230:Flagami_Miami_2:(1151-113-1)	785 DADELTP1 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:138:524-LAUDRDLO-138-1196-DEC-CTB-138-1	T-P2-1::FPL:138:Greynolds_Lauderdale:(524-159-1)	53 HAULOVER 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:230:1000-SKYLIGHT-230-1006-SUNSHINE-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	101 WESTON V 138	138	1	FPL	1	0.95	1.07					0.9485	NEW	NEW
P1-2_Branch:FPL:230:1000-SKYLIGHT-230-1006-SUNSHINE-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	43 FULFORD 138	138	1	FPL	1	0.95	1.07					0.9478	NEW	NEW
P1-2_Branch:FPL:230:1000-SKYLIGHT-230-1006-SUNSHINE-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	619 WOLFSON 138	138	1	FPL	1	0.95	1.07					0.949	NEW	NEW
P1-2_Branch:FPL:230:1000-SKYLIGHT-230-1006-SUNSHINE-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	96 ULETA 138	138	1	FPL	1	0.95	1.07					0.9479	NEW	NEW
P1-2_Branch:FPL:230:1176-HERITAGE-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	101 WESTON V 138	138	1	FPL	1	0.95	1.07					0.9479	NEW	NEW
P1-2_Branch:FPL:230:1176-HERITAGE-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	43 FULFORD 138	138	1	FPL	1	0.95	1.07					0.9472	NEW	NEW
P1-2_Branch:FPL:230:1176-HERITAGE-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	53 HAULOVER 138	138	1	FPL	1	0.95	1.07					0.9497	NEW	NEW
P1-2_Branch:FPL:230:1176-HERITAGE-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	619 WOLFSON 138	138	1	FPL	1	0.95	1.07					0.9484	NEW	NEW
P1-2_Branch:FPL:230:1176-HERITAGE-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	76 NORMNDFL 138	138	1	FPL	1	0.95	1.07					0.9496	NEW	NEW
P1-2_Branch:FPL:230:1176-HERITAGE-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	96 ULETA 138	138	1	FPL	1	0.95	1.07					0.9473	NEW	NEW
P1-2_Branch:FPL:230:1186-ELDORA-230-1826-FPL-Q286_PO-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	101 WESTON V 138	138	1	FPL	1	0.95	1.07					0.9488	NEW	NEW
P1-2_Branch:FPL:230:119-TURKEY P-230-277-FARMLIFE-230-2	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	870 KEYLARGO 138	138	1	FPL	7	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:230:185-PT EVGLD-230-916-GRIFFIN-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	147 HALNDALE 138	138	1	FPL	2	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:230:258-CEDAR-230-262-DELTRAIL-230-1	P1-2_Branch:FPL:500:274-CORBETT-500-276-MIDWAY-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9481	NEW	NEW
P1-2_Branch:FPL:230:258-CEDAR-230-262-DELTRAIL-230-1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9475	NEW	NEW
P1-2_Branch:FPL:230:258-CEDAR-230-535-CORBETT-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	731 NATBRIDG 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:230:258-CEDAR-230-535-CORBETT-230-1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9482	NEW	NEW
P1-2_Branch:FPL:230:263-INDN TWN-230-267-P & W-230-1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9483	NEW	NEW
P1-2_Branch:FPL:230:267-P & W-230-268-RANCH-230-1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9484	NEW	NEW
P1-2_Branch:FPL:230:342-CHARLOTE-230-638-CALUSA-230-1	P1-2_Branch:FPL:500:275-MARTIN-500-1140-FT.DRUM-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9384	NEW	NEW
P1-2_Branch:FPL:230:346-JOHNSON-230-352-RINGLING-230-1	F-P2-1:FPL:230:Manatee_Johnson:(349-1754-1)	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9382	NEW	NEW
P1-2_Branch:FPL:230:346-JOHNSON-230-352-RINGLING-230-1	F-P2-1:FPL:230:Manatee_Johnson:(349-1754-1)	291 BENEVA 138	138	1	FPL	4	0.95	1.07					0.9491	NEW	NEW
P1-2_Branch:FPL:230:346-JOHNSON-230-352-RINGLING-230-1	F-P2-1:FPL:230:Manatee_Johnson:(349-1754-1)	327 PHILLIPI 138	138	1	FPL	4	0.95	1.07					0.9494	NEW	NEW
P1-2_Branch:FPL:230:346-JOHNSON-230-352-RINGLING-230-1	F-P2-1:FPL:230:Manatee_Johnson:(349-1754-1)	756 SHADE 138	138	1	FPL	4	0.95	1.07					0.9441	NEW	NEW
P1-2_Branch:FPL:500:275-MARTIN-500-1140-FT.DRUM-500-1	F-P2-1:TEC:230:230008:(8900-8880-1)	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9396	NEW	NEW
P1-2_Branch:FPL:500:275-MARTIN-500-1140-FT.DRUM-500-1	T-P2-1::FPL:230:Castle_BigBend(TEC):(8880-8900-1)	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9396	NEW	NEW
P1-3_3WindTr:FPL:230/138:EMERSON-122-123-1917-2	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9488	NEW	NEW
P1-3_3WindTr:FPL:230/138:MIAMI-73-113-1549-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	25 ARCH CK 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-3_3WindTr:FPL:230/138:MIDWAY-240-266-1553-1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9488	NEW	NEW
P1-3_3WindTr:FPL:230/138:OVERTOWN-658-988-1906-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	28 BOULEVRD 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-3_3WindTr:FPL:230/138:SANPIPER-259-530-1596-1	F-P2-1:FPL:138:Midway_Sandpiper_1:(240-191-1)	530 SANPIPER 138	138	1	FPL	3	0.95	1.07				0.95	0.9499	NEW	NEW
P1-3_3WindTr:FPL:500/230:CONSRVTN-665-666-1667-1	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9482	NEW	NEW
P1-3_3WindTr:FPL:500/230:CONSRVTN-665-666-1694-2	P1-2_Branch:FPL:500:274-CORBETT-500-859-SUGAR-500-1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07					0.9483	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.068	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0939	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1107	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0559	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0683	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1064	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0576	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.068	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0939	NEW	NEW
10014 HATCH 500 10024 N TIFTON 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0559	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0667	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0925	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1093	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0546	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0669	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.105	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0562	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0667	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0925	NEW	NEW
10218 S BAINBRDGE 230 11813 R_S BAINBRG 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0546	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0682	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.094	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1109	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0561	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0684	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1065	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0577	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0682	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.094	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0561	NEW	NEW
P1-2:DEF:230:HNCK_1_S1	P1-2:DEF:230:SNTO_1_S1	2050 ZELLWOOD 69	69	2	DEF	71	0.9	1.05		0.8998	NEW				NEW
P1-2:DEF:230:HNCK_1_S1	P1-2_Branch:DEF:230:2070-PIEDMONT-230-2071-WELCH ROAD-230-1	2049 WOLF LAKE 69	69	2	DEF	71	0.9	1.05					0.8998	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	F-P2-1:DEF:115:HMLT-HNSN:(3095-3137-1)	7056 SONNIE 115	115	2	DEF	308	0.9	1.05		0.8998	NEW	0.885	0.8821	0.0029	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0657	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0915	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1083	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0537	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.066	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.104	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0553	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0657	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0915	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0537	NEW	NEW
P1-2_Branch:DEF:230:2070-PIEDMONT-230-2071-WELCH ROAD-230-1	P1-2:DEF:230:HNCK_1_S1	2049 WOLF LAKE 69	69	2	DEF	71	0.9	1.05		0.8999	NEW		0.8999	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0657	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0915	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1083	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0537	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.066	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.104	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0553	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0657	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0915	NEW	NEW
P1-2_Branch:DEF:230:3186-RADIANT-230-3187-SNTFE SL_HS-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0537	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0693	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0952	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1121	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0572	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0695	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1077	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0589	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0693	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0952	NEW	NEW
P1-2_Branch:DEF:230:3522-CRYST RVR P-230-3524-CRYSTAL RVR-230-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0571	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0676	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0935	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1103	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0556	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0679	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.106	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0572	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0676	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0935	NEW	NEW
P1-2_Branch:FPL:500:356-DUVAL-500-1150-GACO-500-1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0555	NEW	NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3032 HAVANA 69	69	2	DEF	84	0.9	1.05		1.0749	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3033 HAVANA TP 69	69	2	DEF	84	0.9	1.05		1.0633	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3061 P MILLIGANTP 69	69	2	DEF	84	0.9	1.05		1.0738	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3062 QUINCY 69	69	2	DEF	84	0.9	1.05		1.0741	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3063 QUINCY NORTH 69	69	2	DEF	100	0.9	1.05		1.0722	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3064 QUINCY SOUTH 69	69	2	DEF	100	0.9	1.05		1.0713	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3065 QUINCY TP 69	69	2	DEF	84	0.9	1.05		1.073	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3076 SUTTERSCK TP 69	69	2	DEF	84	0.9	1.05		1.068	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3092 HINSON TP1 69	69	2	DEF	84	0.9	1.05		1.0748	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	3093 HINSON TP2 69	69	2	DEF	84	0.9	1.05		1.0743	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	7004 HAVANA 69	69	2	DEF	307	0.9	1.05		1.0631	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	7006 HINSON 69	69	2	DEF	307	0.9	1.05		1.0656	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	7017 PT MILL 69	69	2	DEF	307	0.9	1.05		1.0736	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3121-ATWATER-115-3128-QUINCY-115-1	7474 FMP-HAVA 69	69	2	DEF	362	0.9	1.05		1.0672	NEW				NEW
P1-3:DEF:115:DTNA_3	P1-2_Branch:DEF:115:2416-DELTONA EAS-115-2419-TURNER PLAN-115-1	2412 CASSADAGA 115	115	2	DEF	79	0.9	1.05	0.8907	0.8909	0.0002		0.9	NEW	NEW
P1-3_3WindTr:DEF:230/115:ZEPHYRHLLS-3816-3838-3845-1	P1-3_3WindTr:DEF:230/115:NEW RIVER-3817-3835-3846-1	3799 OVERSTREETTP 115	115	2	DEF	56	0.9	1.05		0.8995	NEW				NEW
P1-3_3WindTr:DEF:230/115:ZEPHYRHLLS-3816-3838-3845-1	P1-3_3WindTr:DEF:230/115:NEW RIVER-3817-3835-3846-1	3816 ZEPHYRHLLS N 115	115	2	DEF	56	0.9	1.05		0.8996	NEW				NEW
P1-3_3WindTr:DEF:230/115:ZEPHYRHLLS-3816-3838-3845-1	P1-3_3WindTr:DEF:230/115:NEW RIVER-3817-3835-3846-1	7098 ELAM 115	115	2	DEF	309	0.9	1.05		0.8971	NEW				NEW
P1-3_3WindTr:DEF:230/115:ZEPHYRHLLS-3816-3838-3845-1	P1-3_3WindTr:DEF:230/115:NEW RIVER-3817-3835-3846-1	7100 ELAM TP 115	115	2	DEF	309	0.9	1.05		0.8978	NEW				NEW
P1-3_3WindTr:DEF:230/115:ZEPHYRHLLS-3816-3838-3845-1	P1-3_3WindTr:DEF:230/115:NEW RIVER-3817-3835-3846-1	7113 OVERSTREET 115	115	2	DEF	309	0.9	1.05		0.8995	NEW				NEW
P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5562 PINEHILL 115	115	11	FMPP	263	0.95	1.051		0.9418	NEW				NEW
P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5571 COUNTRY 115	115	11	FMPP	263	0.95	1.051		0.9468	NEW				NEW
P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5573 TURKEY L 115	115	11	FMPP	263	0.95	1.051		0.9432	NEW				NEW
P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5576 METROWST 115	115	11	FMPP	263	0.95	1.051		0.947	NEW				NEW
P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5700 PINEHILL 230	230	11	FMPP	264	0.95	1.051		0.9418	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	5562 PINEHILL 115	115	11	FMPP	263	0.95	1.051		0.9418	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	5571 COUNTRY 115	115	11	FMPP	263	0.95	1.051		0.9468	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	5573 TURKEY L 115	115	11	FMPP	263	0.95	1.051		0.9432	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	5576 METROWST 115	115	11	FMPP	263	0.95	1.051		0.947	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-2_Branch:DEF/FMPP:230:2168-WOODSMERE-230-5700-PINEHILL-230-1	5700 PINEHILL 230	230	11	FMPP	264	0.95	1.051		0.9418	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-3_3WindTr:FMPP:230/115:PINEHILL-5562-5700-5780-1	5562 PINEHILL 115	115	11	FMPP	263	0.95	1.051		0.9418	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-3_3WindTr:FMPP:230/115:PINEHILL-5562-5700-5780-1	5571 COUNTRY 115	115	11	FMPP	263	0.95	1.051		0.9468	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-3_3WindTr:FMPP:230/115:PINEHILL-5562-5700-5780-1	5573 TURKEY L 115	115	11	FMPP	263	0.95	1.051		0.9432	NEW				NEW
P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	P1-3_3WindTr:FMPP:230/115:PINEHILL-5562-5700-5780-1	5576 METROWST 115	115	11	FMPP	263	0.95	1.051		0.947	NEW				NEW
P1-3_3WindTr:FMPP:230/115:PINEHILL-5562-5700-5780-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5562 PINEHILL 115	115	11	FMPP	263	0.95	1.051		0.9418	NEW				NEW
P1-3_3WindTr:FMPP:230/115:PINEHILL-5562-5700-5780-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5571 COUNTRY 115	115	11	FMPP	263	0.95	1.051		0.9468	NEW				NEW
P1-3_3WindTr:FMPP:230/115:PINEHILL-5562-5700-5780-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5573 TURKEY L 115	115	11	FMPP	263	0.95	1.051		0.9432	NEW				NEW
P1-3_3WindTr:FMPP:230/115:PINEHILL-5562-5700-5780-1	P1-3_3WindTr:FMPP:230/115:METROWST-5576-5720-5786-1	5576 METROWST 115	115	11	FMPP	263	0.95	1.051		0.947	NEW				NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3105-BRADFORDVL-115-3112-HAVANA-115-1	7516 SUB 16 115	115	15	TAL	420	0.95	1.05		0.943	NEW				NEW
P1-2:FPL:230:Cortez_Johnson	P1-2_Branch:FPL:138:293-BRDENTON-138-307-FRT INDS-138-1	818 CORTEZ 230	230	1	FPL	4	0.95	1.07				0.8918	0.9364	0.0446	0.0446

Designated Network Resource Service Request
System Impact Study

for OASIS 95150056 (DNR) “St. Marks Solar”

January 2022

Transmission Planning, Florida

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Contents

1. Executive Summary

The System Impact for the Duke Energy Florida, LLC (DEF) Transmission System was studied for the Designated Network Resource (DNR) request referenced by OASIS number 95150056. This DNR requests a maximum of 75 MW yearly received from St. Marks Solar resource located in Wakulla County, Florida and delivered to DEF Load within DEF's Area beginning 01/01/2024 thru 01/01/2100. Although the requested start is 01/01/2024, current study work indicates that the NRIS study associated with this has an ISD of 09/03/2024. Therefore, this was the assumed ISD for this request. At the completion of this report, St. Marks Solar is still in its Large Generator Interconnection Procedures (LGIP) process under Q291 and working on the execution of a Large Generator Interconnection Agreement (LGIA) for 74.9 MW summer/winter.

The Third-party results of this study did indicate that there are potentially impacted Third-Party systems. Third-parties screened in the results and other FRCC members may wait to identify themselves as an impacted party when this request is presented in subsequent FRCC-TTS coordination study. The customer will need to work with parties who identify themselves as impacted, to resolve impacts to their system to maintain firm service.

This study confirms that this unit can be reliably integrated in DEF's system and designated as a Network Resource for the period under study.

2. Point of Receipt, and Point of Delivery

The Point of Receipt is the generator referred to as “St. Marks Solar”, with the Point of Interconnection will be a new 230 kV terminal at DEF’s existing St. Marks East 230/69 kV substation located in Wakulla County, Florida.

The Point of Delivery is City of DEF’s Load, which is located in DEF's Balancing Area.

3. Model Development

Power flow models were built using the Siemens PSS®E power system simulation program and were based on the FRCC 2021 (Rls2-RP) series cases, which were the most recent models available at the time of the study. The model years to be studied for power flow impacts will be 2024 Summer, and 2026 Summer. The study case models added the appropriate additional MW summer/winter output to each base case. Any sensitivity work performed was based on the FRCC 2021 (Rls2-RP) series cases.

This resource was studied as being dispatched against other DEF resources that would otherwise be serving DEF’s Load.

4. Analyses Performed

Power flow analyses of the cases were performed using PowerGEM's TARA software (TARA) to determine the impact of the DNR on the Bulk Electric System (BES). The base and interconnection study cases were compared to determine if the DNR caused new overloads, voltage violations, or exacerbated existing thermal overloads. In addition, all 69 kV and above branch flows and bus voltages in the FRCC region were monitored.

The following contingencies were performed using the TARA AC Contingency Analysis Calculator:

- Selected TPL-001-4 Category P1, P2, P4, P5, P6 and P7 contingencies within the FRCC region as previously defined by FRCC transmission owners.

5. Screening Criteria

The following criteria were used for screening **thermal results**.

- Unrelated results from GSU transformers were excluded.
- Transmission system elements operated at less than 69 kV nominal voltage were excluded.
- System-intact overloads were screened at greater than 100 percent of rate A.
- Post-contingency overloads were screened at greater than 100 percent of rate A. An exception to using Rate A is the P6 contingencies, which were screened at Rate C.
- Post-contingency overloads that would be improved by the interconnection were excluded.
- Existing Post-contingency overloads were compared between the base and study cases, these overloads that increased were reviewed for significant impact.

The following criteria were used for screening **voltage results**.

- DEF and SECI buses were monitored for values outside of 0.90-1.05 p.u.
- FPL 69, 115, 138, and 230 kV buses were monitored for values outside of 0.95-1.07 p.u.
- FPL 500 kV buses were monitored for values outside of 0.95-1.10 p.u.
- TECO 69 kV buses were monitored for values outside of 0.925-1.05 p.u.
- TECO 138 and 230 kV buses were monitored for values outside of 0.95-1.06 p.u.
- FPL's Turkey Point bus voltage was monitored for values outside of 1.01 p.u. and 1.06 p.u.
- FPL's St. Lucie bus voltage was monitored for values outside of 1.00 p.u. and 1.06 p.u.
- All other monitored areas were monitored for values outside of 0.95-1.05 p.u.
- Generator buses and buses with nominal voltage below 69 kV were excluded from consideration.
- For P6 contingencies, buses were monitored for values outside of 0.88-1.10 p.u.
- Absolute change in bus voltage between base case and the interconnection case must have been greater than 0.02 p.u.

6. Study Results

6.1. Thermal Results

The evaluation of thermal results did not identify any network upgrades of DEF's transmission system required to accommodate the 75 MW DNR. The FPL/GULF bi-directional transfers have known constraints related to line sections associated with the Baker Substation which are not attributable to this resource under study. These constraints are planned to be resolved. Due to the inclusion of these transfers in the Sensitivity cases extensive results regarding the line sections have been paired down to show the worst overloads. These and other results identified as significant impacts can be found in the Appendices below.

6.2. Voltage Results

The evaluation of voltage results did not identify impacted facilities on DEF's transmission system required to accommodate the 75 MW DNR. The results identified as significant impacts can be found in the Appendices below.

6.3. Third-Party impacts

The thermal and voltage analysis did indicate that there are potentially impacted Third-Party systems. The results identified as significant impacts are shown in the Appendices below. Third-parties screened in the results and other FRCC members may wait to identify themselves as an impacted party when this request is presented in subsequent FRCC-TTS coordination study. The customer will need to work with parties who identify themselves as impacted, to resolve impacts to their system to maintain firm service.

The customer should contact any Third-Parties identified below to initiate an affected system study pertaining to the impacted transmission system facilities identified in this study. Third-Parties may invoke their right to review any or all their facilities that are suspected to be impacted by this interconnection request, which could result in additional impacted transmission system facilities to any initially identified. The customer may utilize contact information located in the Appendices below.

Potentially Affected Third-Party List

- FPL, GULF, SOCO, TAL

N-1 Thermal Rate A Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	01-Q3Y1-EcoDisp_24s_Base			01-Q3Y1-EcoDisp_24s_Study			02-Q3Y1-EcoDisp_24s_Study			02-Q3Y1-EcoDisp_24s_Study			BASE vs STUDY			03-Q3Y1-EcoDisp_24s_Base			03-Q3Y1-EcoDisp_24s_Study			BASE vs STUDY			04-Q3Y1-EcoDisp_24s_Study			04-Q3Y1-EcoDisp_24s_Study			BASE vs STUDY			ROW SUMMARY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY
									Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A Max Diff	Rate B Max Diff	Rate C Max Diff	Rate All Max Diff
P2-3:FPL::FARMLIFE:227-248	873 MARATHON 138 5301 BIGPINE 138 1	138	1/7	FPL/KEY	7/221	193	221	221	95.35	83.27	83.27	9999	9999	9999	NEW	NEW	NEW	9999	9999	9999	9999	9999	9999	9999	=	=	=	NEW	NEW	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	56.53	48.46	46.56	59.84	51.29	49.28	-	-	-	96.82	82.99	79.74	**100.24**	85.92	82.55	NEW	-	-	NEW			NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	57.93	49.65	47.7	61.12	52.38	50.33	-	-	-	97.66	83.71	80.42	**100.92**	86.5	83.11	NEW	-	-	NEW			NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	56.52	48.45	46.55	59.83	51.29	49.28	-	-	-	96.86	83.03	79.77	**100.28**	85.95	82.58	NEW	-	-	NEW			NEW
12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	58.95	50.53	48.55	62.1	53.23	51.14	-	-	-	98.87	84.75	81.43	**102.04**	87.47	84.04	NEW	-	-	NEW			NEW
P1-1_CC:DEF::CITRUS CC1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.51	51.87	49.84	63.77	54.66	52.51	-	-	-	97.66	83.71	80.43	**100.75**	86.35	82.97	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::DEC_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	60.75	51.98	49.43	63.81	54.6	51.92	-	-	-	98.31	84.12	79.99	**101.96**	87.25	82.97	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::MN3_CC	2074 WEKIVA 230 2076 PIEDM230 CAP 230 1	230	2	DEF	71/72	476	550	668	98.98	85.66	70.53	**100.44**	86.93	71.57	NEW	-	-												NEW			NEW
P1-1_CC:FPL ::MN3_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	61.97	53.03	50.43	64.95	55.58	52.85	-	-	-	99.17	84.86	80.7	**102.83**	87.99	83.68	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::TP5_CC	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	59.7	51.09	48.58	62.73	53.68	51.05	-	-	-	97.36	83.31	79.22	**100.93**	86.36	82.13	NEW	-	-	NEW			NEW
P1-1_CC:FPL ::WCE3_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.2	53.31	51.22	65.29	55.96	53.77	-	-	-	98.58	84.49	81.18	**101.77**	87.23	83.81	NEW	-	-	NEW			NEW
P1-1_CC:FPL::FT.MYRCTAB_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	61.33	52.57	50.51	64.43	55.22	53.06	-	-	-	98.91	84.78	81.45	**102.07**	87.49	84.06	NEW	-	-	NEW			NEW
P1-1_CC:FPL::FT.MYRCTCD_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	61.33	52.57	50.51	64.43	55.22	53.06	-	-	-	98.91	84.78	81.46	**102.07**	87.49	84.06	NEW	-	-	NEW			NEW
P1-1_CC:FPL::FT.MYRCTEF_ST	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	61.33	52.57	50.51	64.43	55.22	53.06	-	-	-	98.91	84.78	81.45	**102.07**	87.49	84.06	NEW	-	-	NEW			NEW
P1-2_Branch:DEF:230:3514-CITR EN PB1-230-3516-CITRUS CC-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	59.98	51.41	49.39	63.23	54.2	52.07	-	-	-	97.11	83.24	79.97	**100.21**	85.9	82.53	NEW	-	-	NEW			NEW
P2-3:DEF::7456:CRCC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	61.33	52.56	50.5	64.58	55.36	53.19	-	-	-	98.5	84.43	81.12	**101.7**	87.17	83.76	NEW	-	-	NEW			NEW
P2-3:FPL::MANA:0349-119	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	60.55	51.9	49.86	63.64	54.55	52.41	-	-	-	98.04	84.04	80.74	**101.19**	86.74	83.34	NEW	-	-	NEW			NEW
P2-3:FPL::FARMLIFE:227-248	873 MARATHON 138 877 CRAWLKEY 138 1	138	1	FPL	7	221	221	221	**100.25**	**100.25**	**100.25**	9999	9999	9999	9898.75	9898.75	9898.75	9999	9999	9999	9999	9999	9999	=	=	=	9898.75	9898.75	9898.75	9898.75
P2-3:FPL::FARMLIFE:227-248	872 ISLMRADA 138 877 CRAWLKEY 138 1	138	1	FPL	7	221	221	221	**109.9**	**109.9**	**109.9**	9999	9999	9999	9889.1	9889.1	9889.1	9999	9999	9999	9999	9999	9999	=	=	=	9889.1	9889.1	9889.1	9889.1
P2-3:FPL::FARMLIFE:227-248	872 ISLMRADA 138 879 ISLMRDASCAP 138 1	138	1	FPL	7	241	241	241	**111.95**	**111.95**	**111.95**	9999	9999	9999	9887.05	9887.05	9887.05	9999	9999	9999	9999	9999	9999	=	=	=	9887.05	9887.05	9887.05	9887.05
P2-3:FPL::FARMLIFE:227-248	871 TAVRNIER 138 879 ISLMRDASCAP 138 1	138	1	FPL	7	241	241	241	**112.01**	**112.01**	**112.01**	9999	9999	9999	9886.99	9886.99	9886.99	9999	9999	9999	9999	9999	9999	=	=	=	9886.99	9886.99	9886.99	9886.99
P2-3:FPL::FARMLIFE:227-248	870 KEYLARGO 138 871 TAVRNIER 138 1	138	1	FPL	7	241	241	241	**127.8**	**127.8**	**127.8**	9999	9999	9999	9871.2	9871.2	9871.2	9999	9999	9999	9999	9999	9999	=	=	=	9871.2	9871.2	9871.2	9871.2
P2-3:FPL::FARMLIFE:227-248	10 JWFISHCK 138 870 KEYLARGO 138 1	138	1	FPL	7	241	241	241	**142.54**	**142.54**	**142.54**	9999	9999	9999	9856.46	9856.46	9856.46	9999	9999	9999	9999	9999	9999	=	=	=	9856.46	9856.46	9856.46	9856.46
P2-3:FPL::FARMLIFE:227-248	10 JWFISHCK 138 227 FARMLIFE 138 1	138	1	FPL	7/1	243	243	243	**158.38**	**158.38**	**158.38**	9999	9999	9999	9840.62	9840.62	9840.62	9999	9999	9999	9999	9999	9999	=	=	=	9840.62	9840.62	9840.62	9840.62
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	41.01	35.09	33.37	52.08	44.56	42.38	-	-	-	**103.01**	88.14	83.82	**116.43**	99.62	94.74	13.42	-	-	13.42			13.42
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	41.01	35.09	33.37	52.08	44.56	42.38	-	-	-	**103.01**	88.14	83.82	**116.43**	99.62	94.74	13.42	-	-	13.42			13.42
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	38.96	33.34	31.71	49.58	42.43	40.35	-	-	-	**100.78**	86.24	82.01	**114.16**	97.68	92.9	13.38	-	-	13.38			13.38
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	44.58	38.21	36.72	56.11	48.1	46.21	-	-	-	**107.86**	92.46	88.83	**121.03**	**103.74**	99.67	13.17	NEW	-	13.17	NEW		NEW
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	44.58	38.21	36.72	56.11	48.1	46.21	-	-	-	**107.86**	92.46	88.83	**121.03**	**103.74**	99.67	13.17	NEW	-	13.17	NEW		NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	42.41	36.35	34.92	53.62	45.96	44.16	-	-	-	**105.64**	90.55	87	**118.76**	**101.79**	97.8	13.12	NEW	-	13.12	NEW		NEW
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	40	34.22	32.55	50.8	43.47	41.34	-	-	-	**102.71**	87.88	83.57	**115.54**	98.86	94.01	12.83	-	-	12.83			12.83
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	44.06	37.76	36.28	55.29	47.39	45.54	-	-	-	**107.68**	92.3	88.68	**120.27**	**103.09**	99.05	12.59	NEW	-	12.59	NEW		NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	46.17	39.57	38.02	57.81	49.56	47.61	-	-	-	**111**	95.14	91.41	**122.89**	**105.33**	**101.2**	11.89	NEW	NEW	11.89	NEW	NEW	NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	42.28	36.18	34.41	53.57	45.84	43.59	-	-	-	**106.35**	91	86.54	**118.22**	**101.16**	96.2	11.87	NEW	-	11.87	NEW		NEW
P2-3:DEF::8492:STME	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	46.17	39.58	38.03	57.46	49.25	47.32	-	-	-	**110.95**	95.1	91.37	**122.66**	**105.14**	**101.02**	11.71	NEW	NEW	11.71	NEW	NEW	NEW
P2-3:DEF::8492:STME	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	42.29	36.19	34.41	53.22	45.54	43.31	-	-	-	**106.3**	90.96	86.5	**117.97**	**100.94**	95.99	11.67	NEW	-	11.67	NEW		NEW
P2-3:DEF::3150_w/CAP:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	40.99	35.14	33.76	52.78	45.24	43.47	-	-	-	**105.59**	90.5	86.95	**117.22**	**100.47**	96.53	11.63	NEW	-	11.63	NEW		NEW
P2-3:DEF::3150_w/CAP:PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	37.38	31.98	30.41	48.72	41.69	39.64	-	-	-	**100.86**	86.3	82.07	**112.46**	96.23	91.51	11.6	-	-	11.6			11.6
P2-3:DEF::3B:PWLN	3516 CITRUS CC 230 3526 POWERLINE 230 1	230	2	DEF	60	656	798	1070	**103.01**	84.68	63.15	**102.5**	84.26	62.84	+	-	-	**105.69**	86.88	64.8	**109.9**	90.34	67.38	4.21	-	-	4.21			4.21
P2-3:DEF::3B:PWLN	3516 CITRUS CC 230 3526 POWERLINE 230 4	230	2	DEF	60	656	761	1015	**103.01**	88.8	66.58	**102.5**	88.36	66.25	+	-	-	**105.69**	91.11	68.31	**109.9**	94.73	71.03	4.21	-	-	4.21			4.21
P7:DEF::CENG-PWRL	3516 CITRUS CC 230 3526 POWERLINE 230 3	230	2	DEF	60	656	798	1070	**103.01**	84.68	63.15	**102.5**	84.26	62.84	+	-	-	**105.69**	86.88	64.8	**109.9**	90.34	67.38	4.21	-	-	4.21			4.21
P7:DEF::CENG-PWRL	3516 CITRUS CC 230 3526 POWERLINE 230 4	230	2	DEF	60	656	761	1015	**103.01**	88.8	66.58	**102.5**	88.36	66.25	+	-	-	**105.69**	91.11	68.31	**109.9**	94.73	71.03	4.21	-	-	4.21			4.21
P7:DEF::PWRL-CENG	3516 CITRUS CC 230 3526 POWERLINE 230 1	230	2	DEF	60	656	798	1070	**103.01**	84.68	63.15	**102.5**	84.26	62.84	+	-	-	**105.69**	86.88	64.8	**109.9**	90.34	67.38	4.21	-	-	4.21			4.21
P7:DEF::PWRL-CENG	3516 CITRUS CC 230 3526 POWERLINE 230 2	230	2	DEF	60	656	798	1070	**103.01**	84.68	63.15	**102.5**	84.26	62.84	+	-	-	**105.69**	86.88	64.8	**109.9**	90.34	67.38	4.21	-	-	4.21			4.21
P1-1_CC:FPL ::DEC_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	65.07	55.77	53.59	68.13	58.4	56.11	-	-	-	**102.98**	88.27	84.81	**106.65**	91.41	87.83	3.67	-	-	3.67			3.67
P1-1_CC:FPL ::MN3_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	66.29	56.82	54.59	69.36	59.45	57.12	-	-	-	**103.85**	89.02	85.53	**107.52**	92.16	88.54	3.67	-	-	3.67			3.67
P1-1_CC:FPL ::RIVE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.14	54.12	51.99	66.24	56.77	54.55	-	-	-	**101**	86.57	83.18	**104.59**	89.65	86.13	3.59	-	-	3.59			3.59
P1-1_CC:FPL ::TP5_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.99	54.85	52.7	67.09	57.51	55.25	-	-	-	**102.01**	87.44	84.01	**105.6**	90.52	86.97	3.59	-	-	3.59			3.59
P1-1_CC:FPL ::PEE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.88	53.89	51.78	65.97	56.55	54.33	-	-	-	**100.71**	86.33	82.94	**104.29**	89.39	85.89	3.58	-	-	3.58			3.58
P1-1_CC:FPL ::WCE1_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.58	53.64	51.54	65.68	56.29	54.09	-	-	-	**100.37**	86.03	82.66	**103.92**	89.08	85.58	3.55	-	-	3.55			3.55
P1-1_CC:FPL ::WCE2_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.47	53.55	51.45	65.57	56.2	54	-	-	-	**100.29**	85.97	82.59	**103.84**	89.01	85.52	3.55	-	-	3.55			3.55
P1-1_CC:FPL ::MR8_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	63.11	54.09	51.97	66.21	56.75	54.52	-	-	-	**101.02**	86.59	83.19	**104.53**	89.6	86.09	3.51	-	-	3.51			3.51
P1-1_CC:FPL::SAN4_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.72	53.76	51.65	65.82	56.42	54.2	-	-	-	**100.17**	85.86	82.49	**103.68**	88.87	85.38	3.51	-	-	3.51			3.51
12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.75	53.79	51.68	66.13	56.69	54.46	-	-	-	**105.12**	90.1	86.57	**108.63**	93.11	89.46	3.51	-	-	3.51			3.51
P1-1_CC:FPL ::CAPE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.69	53.74	51.63	65.79	56.39	54.18	-	-	-	**100.23**	85.91	82.54	**103.73**	88.91	85.43	3.5	-	-	3.5			3.5
P1-1_CC:FPL::SAN5_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	62.7	53.74	51.64	65.8	56.4	54.19	-	-	-	**100.16**	85.85	82.48	**103.65**	88.85	85.36	3.49	-	-	3.49			3.49
12500 RACCOON CK 500 14600 FARLEY 8 500 1	3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	58.44	50.01	47.56	61.76	52.84	50.25	-	-	-	**100.52**	86.01	81.8	**103.96**	88.96	84.6	3.44	-	-	3.44			3.44

N-1 Thermal Rate B Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	01-Q31-EcoSig_24s_Base	01-Q31-EcoSig_24s_Base	01-Q31-EcoSig_24s_Base	02-Q31-EcoSig_24s_Study	02-Q31-EcoSig_24s_Study	02-Q31-EcoSig_24s_Study	BASE vs STUDY	BASE vs STUDY	BASE vs STUDY	03-Q31-EcoSig_26s_Base	03-Q31-EcoSig_26s_Base	03-Q31-EcoSig_26s_Base	04-Q31-EcoSig_26s_Study	04-Q31-EcoSig_26s_Study	04-Q31-EcoSig_26s_Study	BASE vs STUDY	BASE vs STUDY	BASE vs STUDY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY
									Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A Max Diff	Rate B Max Diff	Rate C Max Diff	Rate All Max Diff
P2-3:FPL::FARMLIFE:227-248	873 MARATHON 138 5301 BIGPINE 138 1	138	1/7	FPL/KEY	7/221	193	221	221	95.35	83.27	83.27	9999	9999	9999	NEW	NEW	NEW	9999	9999	9999	9999	9999	9999	=	=	=	NEW	NEW	NEW	NEW
P2-3:FPL::FARMLIFE:227-248	873 MARATHON 138 877 CRAWLKEY 138 1	138	1	FPL	7	221	221	221	**100.25**	**100.25**	**100.25**	9999	9999	9999	9898.75	9898.75	9898.75	9999	9999	9999	9999	9999	9999	=	=	=	9898.75	9898.75	9898.75	9898.75
P2-3:FPL::FARMLIFE:227-248	872 ISLMRADA 138 877 CRAWLKEY 138 1	138	1	FPL	7	221	221	221	**109.9**	**109.9**	**109.9**	9999	9999	9999	9889.1	9889.1	9889.1	9999	9999	9999	9999	9999	9999	=	=	=	9889.1	9889.1	9889.1	9889.1
P2-3:FPL::FARMLIFE:227-248	872 ISLMRADA 138 879 ISLMRDASCAP 138 1	138	1	FPL	7	241	241	241	**111.95**	**111.95**	**111.95**	9999	9999	9999	9887.05	9887.05	9887.05	9999	9999	9999	9999	9999	9999	=	=	=	9887.05	9887.05	9887.05	9887.05
P2-3:FPL::FARMLIFE:227-248	871 TAVRNIER 138 879 ISLMRDASCAP 138 1	138	1	FPL	7	241	241	241	**112.01**	**112.01**	**112.01**	9999	9999	9999	9886.99	9886.99	9886.99	9999	9999	9999	9999	9999	9999	=	=	=	9886.99	9886.99	9886.99	9886.99
P2-3:FPL::FARMLIFE:227-248	870 KEYLARGO 138 871 TAVRNIER 138 1	138	1	FPL	7	241	241	241	**127.8**	**127.8**	**127.8**	9999	9999	9999	9871.2	9871.2	9871.2	9999	9999	9999	9999	9999	9999	=	=	=	9871.2	9871.2	9871.2	9871.2
P2-3:FPL::FARMLIFE:227-248	10 JWFISHCK 138 870 KEYLARGO 138 1	138	1	FPL	7	241	241	241	**142.54**	**142.54**	**142.54**	9999	9999	9999	9856.46	9856.46	9856.46	9999	9999	9999	9999	9999	9999	=	=	=	9856.46	9856.46	9856.46	9856.46
P2-3:FPL::FARMLIFE:227-248	10 JWFISHCK 138 227 FARMLIFE 138 1	138	1	FPL	7/1	243	243	243	**158.38**	**158.38**	**158.38**	9999	9999	9999	9840.62	9840.62	9840.62	9999	9999	9999	9999	9999	9999	=	=	=	9840.62	9840.62	9840.62	9840.62

N-1 Thermal Rate C Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	01-Q31-EcoSig_24s_Base	01-Q31-EcoSig_24s_Base	01-Q31-EcoSig_24s_Base	02-Q31-EcoSig_24s_Study	02-Q31-EcoSig_24s_Study	02-Q31-EcoSig_24s_Study	BASE vs STUDY	BASE vs STUDY	BASE vs STUDY	03-Q31-EcoSig_26s_Base	03-Q31-EcoSig_26s_Base	03-Q31-EcoSig_26s_Base	04-Q31-EcoSig_26s_Study	04-Q31-EcoSig_26s_Study	04-Q31-EcoSig_26s_Study	BASE vs STUDY	BASE vs STUDY	BASE vs STUDY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY
									Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A Max Diff	Rate B Max Diff	Rate C Max Diff	Rate All Max Diff
P2-3:FPL::FARMLIFE:227-248	873 MARATHON 138 5301 BIGPINE 138 1	138	1/7	FPL/KEY	7/221	193	221	221	95.35	83.27	83.27	9999	9999	9999	NEW	NEW	NEW	9999	9999	9999	9999	9999	9999	=	=	=	NEW	NEW	NEW	NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	46.17	39.57	38.02	57.81	49.56	47.61	-	-	-	**111**	95.14	91.41	**122.89**	**105.33**	**101.2**	11.89	NEW	NEW	11.89	NEW	NEW	NEW
P2-3:DEF::8492:STME	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	46.17	39.58	38.03	57.46	49.25	47.32	-	-	-	**110.95**	95.1	91.37	**122.66**	**105.14**	**101.02**	11.71	NEW	NEW	11.71	NEW	NEW	NEW
P2-3:FPL::FARMLIFE:227-248	873 MARATHON 138 877 CRAWLKEY 138 1	138	1	FPL	7	221	221	221	**100.25**	**100.25**	**100.25**	9999	9999	9999	9898.75	9898.75	9898.75	9999	9999	9999	9999	9999	9999	=	=	=	9898.75	9898.75	9898.75	9898.75
P2-3:FPL::FARMLIFE:227-248	872 ISLMRADA 138 877 CRAWLKEY 138 1	138	1	FPL	7	221	221	221	**109.9**	**109.9**	**109.9**	9999	9999	9999	9889.1	9889.1	9889.1	9999	9999	9999	9999	9999	9999	=	=	=	9889.1	9889.1	9889.1	9889.1
P2-3:FPL::FARMLIFE:227-248	872 ISLMRADA 138 879 ISLMRDASCAP 138 1	138	1	FPL	7	241	241	241	**111.95**	**111.95**	**111.95**	9999	9999	9999	9887.05	9887.05	9887.05	9999	9999	9999	9999	9999	9999	=	=	=	9887.05	9887.05	9887.05	9887.05
P2-3:FPL::FARMLIFE:227-248	871 TAVRNIER 138 879 ISLMRDASCAP 138 1	138	1	FPL	7	241	241	241	**112.01**	**112.01**	**112.01**	9999	9999	9999	9886.99	9886.99	9886.99	9999	9999	9999	9999	9999	9999	=	=	=	9886.99	9886.99	9886.99	9886.99
P2-3:FPL::FARMLIFE:227-248	870 KEYLARGO 138 871 TAVRNIER 138 1	138	1	FPL	7	241	241	241	**127.8**	**127.8**	**127.8**	9999	9999	9999	9871.2	9871.2	9871.2	9999	9999	9999	9999	9999	9999	=	=	=	9871.2	9871.2	9871.2	9871.2
P2-3:FPL::FARMLIFE:227-248	10 JWFISHCK 138 870 KEYLARGO 138 1	138	1	FPL	7	241	241	241	**142.54**	**142.54**	**142.54**	9999	9999	9999	9856.46	9856.46	9856.46	9999	9999	9999	9999	9999	9999	=	=	=	9856.46	9856.46	9856.46	9856.46
P2-3:FPL::FARMLIFE:227-248	10 JWFISHCK 138 227 FARMLIFE 138 1	138	1	FPL	7/1	243	243	243	**158.38**	**158.38**	**158.38**	9999	9999	9999	9840.62	9840.62	9840.62	9999	9999	9999	9999	9999	9999	=	=	=	9840.62	9840.62	9840.62	9840.62

N-1 Voltage Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Min Volt Limit	Max Volt Limit	01-Q31-EcoSig_24s_Base	02-Q31-EcoSig_24s_Study	STUDY VS BASE	03-Q31-EcoSig_26s_Base	04-Q31-EcoSig_26s_Study	STUDY VS BASE	ROW SUMMARY
								Volt	Volt	Volt Diff	Volt	Volt	Volt Diff	Volt Max Diff
P2-2:DEF:115:BRDW_1	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05	1.011	**1.0684**	NEW	1.0214	1.0208	-	NEW
P2-2:DEF:115:BRDW_1	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05	1.0086	**1.0943**	NEW	1.0185	1.0179	-	NEW
P2-2:DEF:115:BRDW_1	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05	1.0087	**1.1112**	NEW	1.0186	1.018	-	NEW
P2-2:DEF:115:BRDW_1	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05	1.018	**1.0561**	NEW	1.0186	1.018	-	NEW
P2-2:DEF:115:BRDW_1	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05	1.0112	**1.0686**	NEW	1.0213	1.0206	-	NEW
P2-2:DEF:115:BRDW_1	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05	1.0087	**1.1068**	NEW	1.0186	1.018	-	NEW
P2-2:DEF:115:BRDW_1	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05	1.0001	**1.058**	NEW	1.0105	1.0099	-	NEW
P2-2:DEF:115:BRDW_1	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05	1.011	**1.0684**	NEW	1.0214	1.0208	-	NEW
P2-2:DEF:115:BRDW_1	7030 BAKER 115	115	2	DEF	307	0.9	1.05	1.0086	**1.0943**	NEW	1.0185	1.0179	-	NEW
P2-2:DEF:115:BRDW_1	7051 LLOYD 115	115	2	DEF	308	0.9	1.05	1.018	**1.0561**	NEW	1.0186	1.018	-	NEW
P2-3:DEF::1774_1776:BRDW	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05	1.011	**1.0684**	NEW	1.0214	1.0208	-	NEW
P2-3:DEF::1774_1776:BRDW	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05	1.0086	**1.0943**	NEW	1.0185	1.0179	-	NEW
P2-3:DEF::1774_1776:BRDW	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05	1.0087	**1.1112**	NEW	1.0186	1.018	-	NEW
P2-3:DEF::1774_1776:BRDW	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05	1.018	**1.0561**	NEW	1.0186	1.018	-	NEW
P2-3:DEF::1774_1776:BRDW	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05	1.0112	**1.0686**	NEW	1.0213	1.0206	-	NEW
P2-3:DEF::1774_1776:BRDW	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05	1.0087	**1.1068**	NEW	1.0186	1.018	-	NEW
P2-3:DEF::1774_1776:BRDW	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05	1.0001	**1.058**	NEW	1.0105	1.0099	-	NEW
P2-3:DEF::1774_1776:BRDW	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05	1.011	**1.0684**	NEW	1.0214	1.0208	-	NEW
P2-3:DEF::1774_1776:BRDW	7030 BAKER 115	115	2	DEF	307	0.9	1.05	1.0086	**1.0943**	NEW	1.0185	1.0179	-	NEW
P2-3:DEF::1774_1776:BRDW	7051 LLOYD 115	115	2	DEF	308	0.9	1.05	1.018	**1.0561**	NEW	1.0186	1.018	-	NEW
P2-3:DEF::1775:BRDW	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05	1.011	**1.0684**	NEW	1.0214	1.0208	-	NEW
P2-3:DEF::1775:BRDW	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05	1.0086	**1.0943**	NEW	1.0185	1.0179	-	NEW
P2-3:DEF::1775:BRDW	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05	1.0087	**1.1112**	NEW	1.0186	1.018	-	NEW
P2-3:DEF::1775:BRDW	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05	1.018	**1.0561**	NEW	1.0186	1.018	-	NEW
P2-3:DEF::1775:BRDW	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05	1.0112	**1.0686**	NEW	1.0213	1.0206	-	NEW
P2-3:DEF::1775:BRDW	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05	1.0087	**1.1068**	NEW	1.0186	1.018	-	NEW
P2-3:DEF::1775:BRDW	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05	1.0001	**1.058**	NEW	1.0105	1.0099	-	NEW
P2-3:DEF::1775:BRDW	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05	1.011	**1.0684**	NEW	1.0214	1.0208	-	NEW
P2-3:DEF::1775:BRDW	7030 BAKER 115	115	2	DEF	307	0.9	1.05	1.0086	**1.0943**	NEW	1.0185	1.0179	-	NEW
P2-3:DEF::1775:BRDW	7051 LLOYD 115	115	2	DEF	308	0.9	1.05	1.018	**1.0561**	NEW	1.0186	1.018	-	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05	**1.0617**	**1.064**	0.0023	1.0213	**1.0657**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05	**1.0875**	**1.0898**	0.0023	1.0184	**1.0914**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05	**1.1042**	**1.1067**	0.0025	1.0185	**1.1083**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05	1.0497	**1.0519**	NEW	1.0185	**1.0536**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05	**1.062**	**1.0643**	0.0023	1.0211	**1.0659**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05	**1.0999**	**1.1023**	0.0024	1.0185	**1.1039**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05	**1.0513**	**1.0537**	0.0024	1.0104	**1.0552**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05	**1.0617**	**1.064**	0.0023	1.0213	**1.0657**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05	**1.0875**	**1.0898**	0.0023	1.0184	**1.0914**	NEW	NEW
T-P2-1::DEF:115:BRDW-DFTN:{3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05	1.0497	**1.0519**	NEW	1.0185	**1.0536**	NEW	NEW
P2-2:FPL::GHOS_1372_1	283 ARCADIA 69	69	1	FPL	4	0.95	1.07	0.955	0.955	-	0.95	**0.9499**	NEW	NEW
P2-3:FPL::GHOS:1372-00A	283 ARCADIA 69	69	1	FPL	4	0.95	1.07	0.955	0.955	-	0.95	**0.9499**	NEW	NEW
P2-3:FPL::LAUD:0152-283	43 FULFORD 138	138	1	FPL	1	0.95	1.07	0.9544	0.9544	-	0.9501	**0.9499**	NEW	NEW
P7:FPL::FLAMINGO-GRATIGNY_GARDEN-GRATIGNY	526 FLAMINGO 138	138	1	FPL	2	0.95	1.07	0.95	**0.9499**	NEW	0.9521	0.952	-	NEW
P2-3:FPL::FARMLIFE:227-248	5323 KEY KDS1 69	69	7	KEY	221	0.95	1.051	**0.7149**	**0.7375**	0.0226	**0.7374**	**0.7373**	0.0001	0.0226
P2-3:FPL::FARMLIFE:227-248	5320 KEY CT 69	69	7	KEY	221	0.95	1.051	**0.7248**	**0.7474**	0.0226	**0.7473**	**0.7473**	=	0.0226
P2-3:FPL::FARMLIFE:227-248	5322 KEY SIPS 69	69	7	KEY	221	0.95	1.051	**0.7248**	**0.7474**	0.0226	**0.7473**	**0.7473**	=	0.0226
P2-3:FPL::FARMLIFE:227-248	5330 KEY SSS 69	69	7	KEY	221	0.95	1.051	**0.7211**	**0.7436**	0.0225	**0.7434**	**0.7434**	=	0.0225
P2-3:FPL::FARMLIFE:227-248	5324 KEY KWD 69	69	7	KEY	221	0.95	1.051	**0.7063**	**0.7288**	0.0225	**0.7287**	**0.7286**	1E-04	0.0225
P2-3:FPL::FARMLIFE:227-248	5325 KEY WSS 69	69	7	KEY	221	0.95	1.051	**0.7068**	**0.7293**	0.0225	**0.7292**	**0.7292**	=	0.0225
P2-3:FPL::FARMLIFE:227-248	5326 KEY TSS 69	69	7	KEY	221	0.95	1.051	**0.7067**	**0.7292**	0.0225	**0.729**	**0.729**	=	0.0225
P2-3:FPL::FARMLIFE:227-248	5328 KEY KDS2 69	69	7	KEY	221	0.95	1.051	**0.7096**	**0.7321**	0.0225	**0.7319**	**0.7318**	1E-04	0.0225
P2-3:FPL::FARMLIFE:227-248	5321 KEY SIS 69	69	7	KEY	221	0.95	1.051	**0.7167**	**0.7391**	0.0224	**0.7388**	**0.7387**	1E-04	0.0224
P2-3:FPL::FARMLIFE:227-248	5305 KEY SIS2 138	138	7	KEY	221	0.95	1.051	**0.7158**	**0.738**	0.0222	**0.7376**	**0.7375**	1E-04	0.0222
P2-3:FPL::FARMLIFE:227-248	5303 KEY SIS1 138	138	7	KEY	221	0.95	1.051	**0.7131**	**0.7351**	0.022	**0.7344**	**0.7343**	0.0001	0.022
P2-3:FPL::FARMLIFE:227-248	5302 KEY BCS 138	138	7	KEY	221	0.95	1.051	**0.7135**	**0.7354**	0.0219	**0.7345**	**0.7345**	=	0.0219
P2-3:FPL::FARMLIFE:227-248	5304 KEY CKS 138	138	7	KEY	221	0.95	1.051	**0.7125**	**0.7338**	0.0213	**0.7325**	**0.7324**	1E-04	0.0213
P2-3:FPL::FARMLIFE:227-248	5301 BIGPINE 138	138	7	KEY	221	0.95	1.051	**0.7214**	**0.7418**	0.0204	**0.7398**	**0.7398**	=	0.0204

P6 Thermal results

Contingency	2nd Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate Cont (MVA)	01-Q291-Eco9sp_2 4s_Base AC % / PU	02-Q291-Eco9sp_2 4s_Study AC % / PU	BASE vs STUDY Rate Cont Diff	03-Q291-Eco9sp_2 6s_Base AC % / PU	04-Q291-Eco9sp_2 6s_Study AC % / PU	BASE vs STUDY Rate Cont Diff	ROW SUMMARY Rate Cont Max Diff
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				99.78	**103.5**	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.09**	**104.69**	3.6	3.6
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	10683 OCHLOCHNEE 115 11021 ROSEHILL J 115 1	115	30	SOCO	701	124				99.16	**101.13**	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	12509 SCOOTER 230 12510 RACCOON CK 230 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	230	30	SOCO	701	509				99.02	**100.23**	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	14512 SNOWDN8 500 14600 FARLEY 8 500 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				99.15	**100.17**	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	P1-2_Branch:DEF:230:3514-CITR EN PB1-230-3516-CITRUS CC-230-1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				95.28	**100.72**	NEW	NEW
10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**105.56**	**109.6**	4.04	4.04
10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				**100.55**	**104.54**	3.99	3.99
10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	11806 CAIRO 3J 115 11814 THOMVL 4 115 1	115	30	SOCO	701	100				98.73	**102.14**	NEW	NEW
10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	11814 THOMVL 4 115 12546 THOMASVL B2 115 1	115	30	SOCO	701	100				97.1	**100.51**	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	12545 THOMASVL B2 230 12546 THOMASVL B2 115 1	230/115	30	SOCO	701	172				**118.13**	**121.51**	3.38	3.38
10683 OCHLOCHNEE 115 11021 ROSEHILL J 115 1	12509 SCOOTER 230 12510 RACCOON CK 230 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				99.77	**100.97**	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				99.78	**103.5**	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				99.83	**103.56**	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				96.99	**100.37**	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.97**	**105.39**	3.42	3.42
11885 W VALDOSTA 230 12505 SPAIN 230 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	10683 OCHLOCHNEE 115 11021 ROSEHILL J 115 1	115	30	SOCO	701	124				99.16	**101.13**	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	10683 OCHLOCHNEE 115 11021 ROSEHILL J 115 1	115	30	SOCO	701	124				99.25	**101.21**	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				99.83	**103.56**	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.15**	**104.75**	3.6	3.6
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	10683 OCHLOCHNEE 115 11021 ROSEHILL J 115 1	115	30	SOCO	701	124				99.25	**101.21**	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	12509 SCOOTER 230 12510 RACCOON CK 230 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	230	30	SOCO	701	509				99.07	**100.28**	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	14512 SNOWDN8 500 14600 FARLEY 8 500 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				99.18	**100.21**	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	P1-2_Branch:DEF:230:3514-CITR EN PB1-230-3516-CITRUS CC-230-1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				95.31	**100.74**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				96.97	**100.73**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				98.21	**101.72**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	14512 SNOWDN8 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				97.75	**101.29**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**105.67**	**109.69**	4.02	4.02
12500 RACCOON CK 500 14600 FARLEY 8 500 1	10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				**100.67**	**104.65**	3.98	3.98
12500 RACCOON CK 500 14600 FARLEY 8 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.96**	**105.72**	3.76	3.76
12500 RACCOON CK 500 14600 FARLEY 8 500 1	12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**103.18**	**106.73**	3.55	3.55
12500 RACCOON CK 500 14600 FARLEY 8 500 1	10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	11806 CAIRO 3J 115 11814 THOMVL 4 115 1	115	30	SOCO	701	100				98.73	**102.16**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	10218 S BAINBRDGE 230 12545 THOMASVL B2 230 1	11814 THOMVL 4 115 12546 THOMASVL B2 115 1	115	30	SOCO	701	100				97.1	**100.54**	NEW	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	12509 SCOOTER 230 12510 RACCOON CK 230 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509	99.18	**100.49**	NEW	**117.24**	**118.63**	1.39	NEW
12500 RACCOON CK 500 14600 FARLEY 8 500 1	10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	12545 THOMASVL B2 230 12546 THOMASVL B2 115 1	230/115	30	SOCO	701	172				**118.06**	**121.51**	3.45	3.45
12505 SPAIN 230 12595 DAISY 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	102				98.21	**101.7**	NEW	NEW
12505 SPAIN 230 12595 DAISY 230 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.09**	**104.69**	3.6	3.6
12505 SPAIN 230 12595 DAISY 230 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**101.14**	**104.74**	3.6	3.6
12505 SPAIN 230 12595 DAISY 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				**103.17**	**106.71**	3.54	3.54
12509 SCOOTER 230 12510 RACCOON CK 230 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	230	30	SOCO	701	509				99.02	**100.23**	NEW	NEW
12509 SCOOTER 230 12510 RACCOON CK 230 1	10683 OCHLOCHNEE 115 11021 ROSEHILL J 115 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				99.77	**100.97**	NEW	NEW
12509 SCOOTER 230 12510 RACCOON CK 230 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	11885 W VALDOSTA 230 12505 SPAIN 230 1	230	30	SOCO	701	509				99.07	**100.28**	NEW	NEW
12509 SCOOTER 230 12510 RACCOON CK 230 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509	99.19	**100.49**	NEW	**117.25**	**118.63**	1.38	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	102				97.61	**101.29**	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				99.15	**100.17**	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				99.19	**100.21**	NEW	NEW
397765 LAGUNA B6 230 397836 L SMITH 6 230 1	397765 LAGUNA B6 230 397836 L SMITH 6 230 2	397800 LONG BEACH 115 397802 HOLIDAY 115 1	115	348	GULF	802	155	99.81	**100.65**	NEW	97.19	98.08	-	NEW
397765 LAGUNA B6 230 397836 L SMITH 6 230 1	P1-2_Branch:GULF:230:397765-LAGUNA B6-230-397836-L SMITH 6-230-2	397800 LONG BEACH 115 397802 HOLIDAY 115 1	115	348	GULF	802	155	99.81	**100.65**	NEW	97.19	98.08	-	NEW
P1-2:DEF:115:CASA-DTNA	P1-2_Branch:FPL:115:1054-PIROLO-115-5501-NSB-SMYR-115-1	5501 NSB-SMYR 115 5502 NSB-FELD 115 1	115	1	FPL	251	80	98.4	98.37	-	99.56	**100.04**	NEW	NEW
P1-2:GPC:115:FlowerCreek_Callaway	397860 CALLAWAY6 230 397861 CALLAWAY3 115 1	397855 REDWOOD1 115 397865 WEWA RD 115 1	115	348	GULF	802	121				99.82	**100.61**	NEW	NEW
P1-2:GPC:115:FlowerCreek_Callaway	P1-3_2WindTr:GULF:230/115:397860-CALLAWAY6-230-397861-CALLAWAY3-115-1	397855 REDWOOD1 115 397865 WEWA RD 115 1	115	348	GULF	802	121				99.82	**100.61**	NEW	NEW
P1-2:TEC:230:230037	P1-3_3WindTr:TECO:230/13:GAN138TR-8582-8700-8710-1	8700 GANNON 230 999569 GANN230/69 69.0 1	230/69	16	TECO	444	359	99.97	**100.15**	NEW				NEW
P1-2:TEC:230:230037_S	P1-3_3WindTr:TECO:230/13:GAN138TR-8582-8700-8710-1	8700 GANNON 230 999569 GANN230/69 69.0 1	230/69	16	TECO	444	359	99.97	**100.15**	NEW				NEW
P1-2_Branch:DEF:230:3514-CITR EN PB1-230-3516-CITRUS CC-230-1	10024 N TIFTON 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				95.28	**100.72**	NEW	NEW
P1-2_Branch:DEF:230:3514-CITR EN PB1-230-3516-CITRUS CC-230-1	12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	12505 SPAIN 230 12595 DAISY 230 1	230	30	SOCO	701	509				95.31	**100.74**	NEW	NEW
P1-2_Branch:GULF:230:397765-LAGUNA B6-230-397836-L SMITH 6-230-1	397765 LAGUNA B6 230 397836 L SMITH 6 230 2	397800 LONG BEACH 115 397802 HOLIDAY 115 1	115	348	GULF	802	155	99.81	**100.65**	NEW	97.19	98.08	-	NEW
P1-2_Branch:GULF:230:397765-LAGUNA B6-230-397836-L SMITH 6-230-1	P1-2_Branch:GULF:230:397765-LAGUNA B6-230-397836-L SMITH 6-230-2	397800 LONG BEACH 115 397802 HOLIDAY 115 1	115	348	GULF	802	155	99.81	**100.65**	NEW	97.19	98.08	-	NEW
P1-3_3WindTr:TECO:230/13:GAN138TR-8582-8700-8710-1	P1-2:TEC:230:230037_S	8700 GANNON 230 999569 GANN230/69 69.0 1	230/69	16	TECO	444	359	99.97	**100.16**	NEW				NEW

P6 Voltage Results

Contingency	2nd Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Min Volt Limit	Max Volt Limit	01-Q291-EcoDisp_24s_Base Volt	02-Q291-EcoDisp_24s_Study Volt	STUDY VS BASE Volt Diff	03-Q291-EcoDisp_26s_Base Volt	04-Q291-EcoDisp_26s_Study Volt	STUDY VS BASE Volt Diff	ROW SUMMARY Volt Max Diff
P1-2:FPL:138:Hallandale_Lauderdale	T-P2-1::FPL:230:Greynolds_Laudania:(156-182-1)	51 GREYNOLD 138	138	1	FPL	1	0.95	1.07	0.9457	0.9456	1E-04		0.9499	NEW	NEW
P1-2:FPL:230:Greynolds_Laudania	T-P2-1::FPL:138:Hallandale_Lauderdale:(152-166-1)	107 GREYNOLD 230	230	1	FPL	1	0.95	1.07	0.9246	0.9245	1E-04		0.9271	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	P1-2_Branch:FPL:230:109-LEVEE-230-998-GRATY230-230-1	619 WOLFSON 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	P1-2_Branch:FPL:230:109-LEVEE-230-998-GRATY230-230-1	998 GRATY230 230	230	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:230:109-LEVEE-230-998-GRATY230-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	619 WOLFSON 138	138	1	FPL	1	0.95	1.07					0.95	NEW	NEW
P1-2_Branch:FPL:230:109-LEVEE-230-998-GRATY230-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	998 GRATY230 230	230	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-2_Branch:FPL:230:110-LINDGREN-230-119-TURKEY P-230-1	T-P2-1::FPL:230:Flagami_Miami_1:(112-727-1)	112 MIA EAST 230	230	1	FPL	1	0.95	1.07	0.9456	0.9456	=		0.95	NEW	NEW
P1-2_Branch:FPL:230:181-LAUDRDLI-230-916-GRIFFIN-230-1	F-P2-1:FPL:138:Flamingo_Gratigny:(31-50-1)	526 FLAMINGO 138	138	1	FPL	2	0.95	1.07		0.95	NEW				NEW
P1-2_Branch:FPL:230:182-LAUDANIA-230-185-PT EVGLD-230-1	P1-2_Branch:FPL:138:152-LAUDRDLI-138-1197-DEC-ST-138-1	77 OJUS 138	138	1	FPL	1	0.95	1.07				0.95	0.9499	NEW	NEW
P1-3_3WindTr:FPL:230/138:CEDAR-223-258-1501-1	F-P2-1:FPL:138:Ranch_Cedar:(249-241-1)	578 QUANTUM 138	138	1	FPL	3	0.95	1.07				0.95	0.9499	NEW	NEW
P1-3_3WindTr:FPL:500/230:LEVEE-109-120-1542-2	T-P2-1::FPL:230:Flagami_Miami_1:(112-727-1)	112 MIA EAST 230	230	1	FPL	1	0.95	1.07					0.95	NEW	NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05		1.0669	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05		1.0928	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05		1.1096	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05		1.0547	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05		1.0671	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05		1.1053	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05		1.0566	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05		1.0669	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05		1.0928	NEW				NEW
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05		1.0547	NEW				NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0683	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0941	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.111	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0562	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0685	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1066	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0579	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0683	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0941	NEW	NEW
10189 MITCHELL R 230 12510 RACCOON CK 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0562	NEW	NEW
10218 S BAINBRDGE 230 12596 FACEVILLE 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0572	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0684	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0942	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1111	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0563	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0686	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1067	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0579	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0684	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0942	NEW	NEW
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0562	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0685	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0943	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1112	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0563	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0687	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1068	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.058	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0685	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0943	NEW	NEW
10667 WHIGHAMJ 115 11816 RENO J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0563	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0685	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0943	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1112	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0563	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0687	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1068	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.058	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0685	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0943	NEW	NEW
10667 WHIGHAMJ 115 11855 BOYDVL J 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0563	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0684	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0942	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1111	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0563	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0686	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1067	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0579	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0684	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0942	NEW	NEW
10683 OCHLOCHNEE 115 11024 THOMASVL B1 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0563	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.069	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0949	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1118	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0569	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0692	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1074	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0586	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.069	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0949	NEW	NEW
11051 TIFT P NO J 115 11052 S TIFTON 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0569	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.069	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0949	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1118	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0569	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0692	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1074	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0586	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.069	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0949	NEW	NEW
11051 TIFT P NO J 115 11856 N TIFTON B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0569	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0685	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0943	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1112	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0563	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0687	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1068	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.058	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0685	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0943	NEW	NEW
11855 BOYDVL J 115 12537 S BAINBR B2 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0563	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0691	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.095	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1119	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.057	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0694	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1075	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0587	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0691	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.095	NEW	NEW
11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.057	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0694	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0953	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1122	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0573	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0697	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1078	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.059	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0694	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0953	NEW	NEW
11885 W VALDOSTA 230 11886 W VALDOSTA 115 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0573	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0687	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0946	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1115	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0566	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.069	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1071	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0583	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0687	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0946	NEW	NEW
11885 W VALDOSTA 230 11888 E BERLIN 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0566	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0679	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0938	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1106	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0558	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0682	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1063	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0575	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0679	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0938	NEW	NEW
12595 DAISY 230 13144 QUITMAN1 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0558	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0679	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0938	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1106	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0558	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0682	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1063	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0575	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0679	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0938	NEW	NEW
12595 DAISY 230 13149 QUITMAN2 HS 230 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0558	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	2997 MICOSUKE CAP 115	115	2	DEF	84	0.9	1.05					1.0683	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3101 BAKER TP 115	115	2	DEF	84	0.9	1.05					1.0942	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3104 BRADFV W CAP 115	115	2	DEF	84	0.9	1.05					1.1111	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3115 LLOYD TP 115	115	2	DEF	84	0.9	1.05					1.0562	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3119 MICCOSUKE TP 115	115	2	DEF	84	0.9	1.05					1.0686	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	3143 KILLEARN TP1 115	115	2	DEF	84	0.9	1.05					1.1067	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	6998 BUCK LK 115	115	2	DEF	307	0.9	1.05					1.0579	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7014 MICCOSK 115	115	2	DEF	307	0.9	1.05					1.0683	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7030 BAKER 115	115	2	DEF	307	0.9	1.05					1.0942	NEW	NEW
14512 SNOWDN8 500 14600 FARLEY 8 500 1	T-P2-1::DEF:115:BRDW-DFTN:(3104-3105-1)	7051 LLOYD 115	115	2	DEF	308	0.9	1.05					1.0562	NEW	NEW
P1-2:DEF:230:HNCK_1_S1	P1-2_Branch:DEF:230:2070-PIEDMONT-230-2071-WELCH ROAD-230-1	2049 WOLF LAKE 69	69	2	DEF	71	0.9	1.05					0.8997	NEW	NEW
P1-2:DEF:230:SNTO_1_S1	P1-2:DEF:230:HNCK_1_S1	2050 ZELLWOOD 69	69	2	DEF	71	0.9	1.05					0.8993	NEW	NEW
P1-2_Branch:DEF:115:3116-MADISON-115-3133-SUW TRANSM-115-1	F-P2-1:DEF:115:HMLT-HNSN:(3095-3137-1)	7056 SONNIE 115	115	2	DEF	308	0.9	1.05		0.8999	NEW	0.882	0.8807	0.0013	NEW
P1-2_Branch:DEF:115:3184-TRUL TAP&CA-115-3185-TRULIEVE-115-1	10008 VOGTLE B3-4 500 13740 VOGTLE 4 HS 500 1	3145 WAUKEENAH TP 115	115	2	DEF	84	0.9	1.05					1.0503	NEW	NEW
P1-2_Branch:DEF:115:3184-TRUL TAP&CA-115-3185-TRULIEVE-115-1	10008 VOGTLE B3-4 500 13740 VOGTLE 4 HS 500 1	3146 WAUKEENAH 115	115	2	DEF	83	0.9	1.05					1.0502	NEW	NEW
P1-2_Branch:DEF:115:3184-TRUL TAP&CA-115-3185-TRULIEVE-115-1	10008 VOGTLE B3-4 500 13740 VOGTLE 4 HS 500 1	3184 TRUL TAP&CAP 115	115	2	DEF	84	0.9	1.05					1.0504	NEW	NEW
P1-2_Branch:DEF:115:3184-TRUL TAP&CA-115-3185-TRULIEVE-115-1	11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	3145 WAUKEENAH TP 115	115	2	DEF	84	0.9	1.05					1.051	NEW	NEW
P1-2_Branch:DEF:115:3184-TRUL TAP&CA-115-3185-TRULIEVE-115-1	11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	3146 WAUKEENAH 115	115	2	DEF	83	0.9	1.05					1.051	NEW	NEW
P1-2_Branch:DEF:115:3184-TRUL TAP&CA-115-3185-TRULIEVE-115-1	11875 E MOULTRIE 230 11877 N TIFTON B1 230 1	3184 TRUL TAP&CAP 115	115	2	DEF	84	0.9	1.05					1.0511	NEW	NEW
P1-2_Branch:DEF:230:2070-PIEDMONT-230-2071-WELCH ROAD-230-1	P1-2:DEF:230:HNCK_1_S1	2049 WOLF LAKE 69	69	2	DEF	71	0.9	1.05					0.8999	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5301 BIGPINE 138	138	7	KEY	221	0.95	1.051					0.7086	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5302 KEY BCS 138	138	7	KEY	221	0.95	1.051					0.6957	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5303 KEY SIS1 138	138	7	KEY	221	0.95	1.051					0.6947	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5304 KEY CKS 138	138	7	KEY	221	0.95	1.051					0.6966	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5305 KEY SIS2 138	138	7	KEY	221	0.95	1.051					0.6946	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5320 KEY CT 69	69	7	KEY	221	0.95	1.051					0.7026	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5321 KEY SIS 69	69	7	KEY	221	0.95	1.051					0.6947	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5322 KEY SIPS 69	69	7	KEY	221	0.95	1.051					0.7026	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5323 KEY KDS1 69	69	7	KEY	221	0.95	1.051					0.6925	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5324 KEY KWD 69	69	7	KEY	221	0.95	1.051					0.6838	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5325 KEY WSS 69	69	7	KEY	221	0.95	1.051					0.6843	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5326 KEY TSS 69	69	7	KEY	221	0.95	1.051					0.6843	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5328 KEY KDS2 69	69	7	KEY	221	0.95	1.051					0.6874	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FMPA:138:KEY BCS-KEY SIS #1:(5302-5303-1)	5330 KEY SSS 69	69	7	KEY	221	0.95	1.051					0.699	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5302 KEY BCS 138	138	7	KEY	221	0.95	1.051	0.7061	0.7108	0.0047		0.6927	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5303 KEY SIS1 138	138	7	KEY	221	0.95	1.051	0.7056	0.7103	0.0047		0.6922	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5304 KEY CKS 138	138	7	KEY	221	0.95	1.051	0.7058	0.7103	0.0045		0.6926	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5305 KEY SIS2 138	138	7	KEY	221	0.95	1.051	0.7079	0.7127	0.0048		0.6944	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5320 KEY CT 69	69	7	KEY	221	0.95	1.051	0.7166	0.7215	0.0049		0.7031	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5321 KEY SIS 69	69	7	KEY	221	0.95	1.051	0.7087	0.7136	0.0049		0.6952	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5322 KEY SIPS 69	69	7	KEY	221	0.95	1.051	0.7166	0.7215	0.0049		0.7031	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5323 KEY KDS1 69	69	7	KEY	221	0.95	1.051	0.7065	0.7115	0.005		0.693	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5324 KEY KWD 69	69	7	KEY	221	0.95	1.051	0.6978	0.7028	0.005		0.6843	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5325 KEY WSS 69	69	7	KEY	221	0.95	1.051	0.6983	0.7033	0.005		0.6848	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5326 KEY TSS 69	69	7	KEY	221	0.95	1.051	0.6983	0.7033	0.005		0.6848	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5328 KEY KDS2 69	69	7	KEY	221	0.95	1.051	0.7014	0.7063	0.0049		0.6879	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	F-P2-1:FPL:230:Farmlife_TkyPt_1:(277-732-1)	5330 KEY SSS 69	69	7	KEY	221	0.95	1.051	0.7129	0.7179	0.005		0.6995	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5305 KEY SIS2 138	138	7	KEY	221	0.95	1.051	0.7079	0.7121	0.0042		0.6934	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5320 KEY CT 69	69	7	KEY	221	0.95	1.051	0.7166	0.7209	0.0043		0.7021	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5321 KEY SIS 69	69	7	KEY	221	0.95	1.051	0.7087	0.7129	0.0042		0.6942	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5322 KEY SIPS 69	69	7	KEY	221	0.95	1.051	0.7166	0.7209	0.0043		0.7021	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5323 KEY KDS1 69	69	7	KEY	221	0.95	1.051	0.7066	0.7109	0.0043		0.692	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5324 KEY KWD 69	69	7	KEY	221	0.95	1.051	0.6979	0.7022	0.0043		0.6832	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5325 KEY WSS 69	69	7	KEY	221	0.95	1.051	0.6984	0.7027	0.0043		0.6837	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5326 KEY TSS 69	69	7	KEY	221	0.95	1.051	0.6984	0.7027	0.0043		0.6837	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5328 KEY KDS2 69	69	7	KEY	221	0.95	1.051	0.7014	0.7057	0.0043		0.6868	NEW	NEW
P1-2_Branch:FPL:138:10-JWFISHCK-138-227-FARMLIFE-138-1	T-P2-1::FPL:230:Farmlife_TkyPt_1:(119-732-1)	5330 KEY SSS 69	69	7	KEY	221	0.95	1.051	0.713	0.7172	0.0042		0.6984	NEW	NEW
P1-2:DEF:230:w/CAP_PIED-WKVA	P1-2_Branch:FPL/DEF:230:469-SANFORDI-230-2580-ALTAMONTE-230-1	5562 PINEHILL 115	115	11	FMPP	263	0.95	1.051		0.9498	NEW				NEW
P1-2:OUC:115:HOLOPAW 1-STC EAST-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7432 STC SOU 230	230	11	FMPP	351	0.95	1.051	0.8936	0.8936	=		0.895	NEW	NEW
P1-2:OUC:115:HOLOPAW 1-STC EAST-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7437 STC CENT W 69	69	11	FMPP	351	0.95	1.051	0.9425	0.9425	=		0.9454	NEW	NEW
P1-2:OUC:115:HOLOPAW 1-STC EAST-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7439 STC CENT 69	69	11	FMPP	351	0.95	1.051	0.9425	0.9425	=		0.9454	NEW	NEW
P1-2:OUC:115:HOLOPAW 1-STC EAST-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7441 STC SOU 69	69	11	FMPP	351	0.95	1.051	0.9281	0.9281	=		0.9295	NEW	NEW
P1-2_Branch:FMPP:230:5704-TAFT-230-5706-AIP-230-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7437 STC CENT W 69	69	11	FMPP	351	0.95	1.051					0.9463	NEW	NEW
P1-2_Branch:FMPP:230:5704-TAFT-230-5706-AIP-230-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7439 STC CENT 69	69	11	FMPP	351	0.95	1.051					0.9463	NEW	NEW
P1-2_Branch:FMPP:230:5704-TAFT-230-5706-AIP-230-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7441 STC SOU 69	69	11	FMPP	351	0.95	1.051					0.9304	NEW	NEW
P1-2_Branch:FMPP:230:5706-AIP-230-5711-LK NONA-230-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7432 STC SOU 230	230	11	FMPP	351	0.95	1.051					0.8954	NEW	NEW
P1-2_Branch:FMPP:230:5706-AIP-230-5711-LK NONA-230-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7437 STC CENT W 69	69	11	FMPP	351	0.95	1.051					0.9458	NEW	NEW
P1-2_Branch:FMPP:230:5706-AIP-230-5711-LK NONA-230-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7439 STC CENT 69	69	11	FMPP	351	0.95	1.051					0.9458	NEW	NEW
P1-2_Branch:FMPP:230:5706-AIP-230-5711-LK NONA-230-1	P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	7441 STC SOU 69	69	11	FMPP	351	0.95	1.051					0.9299	NEW	NEW
P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	P1-2_Branch:FMPP:230:5352-CAN ISL-230-5353-KIS CLAY-230-1	7432 STC SOU 230	230	11	FMPP	351	0.95	1.051					0.8918	NEW	NEW
P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	T-P2-1::DEF:230:MDWS-TAFT:(2583-5704-1)	7432 STC SOU 230	230	11	FMPP	351	0.95	1.051					0.8924	NEW	NEW
P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	T-P2-1::DEF:230:MDWS-TAFT:(2583-5704-1)	7437 STC CENT W 69	69	11	FMPP	351	0.95	1.051	0.947	0.947	=		0.9428	NEW	NEW
P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	T-P2-1::DEF:230:MDWS-TAFT:(2583-5704-1)	7439 STC CENT 69	69	11	FMPP	351	0.95	1.051	0.947	0.947	=		0.9427	NEW	NEW
P1-2_Branch:FMPP:230:7431-STC EAST-230-7432-STC SOU-230-1	T-P2-1::DEF:230:MDWS-TAFT:(2583-5704-1)	7441 STC SOU 69	69	11	FMPP	351	0.95	1.051					0.9268	NEW	NEW
P1-2_Branch:DEF:115:3105-BRADFORDVL-115-3112-HAVANA-115-1	P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	7516 SUB 16 115	115	15	TAL	420	0.95	1.05	0.9428	0.943	0.0002		0.945	NEW	NEW
P1-2_Branch:TAL:115:7507-SUB 7-115-7516-SUB 16-115-1	P1-2_Branch:DEF:115:3105-BRADFORDVL-115-3112-HAVANA-115-1	7516 SUB 16 115	115	15	TAL	420	0.95	1.05	0.9418	0.9428	0.001		0.9451	NEW	NEW

N-1 Thermal Rate A Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	09-Q23-EcoMap_24L-GFBase	09-Q23-EcoMap_24L-GFBase	09-Q23-EcoMap_24L-GFBase	10-Q23-EcoMap_24L-GFStudy	10-Q23-EcoMap_24L-GFStudy	10-Q23-EcoMap_24L-GFStudy	BASEvs STUDY	BASEvs STUDY	BASEvs STUDY	11-Q23-EcoMap_24L-GBase	11-Q23-EcoMap_24L-GBase	11-Q23-EcoMap_24L-GBase	12-Q23-EcoMap_24L-GStudy	12-Q23-EcoMap_24L-GStudy	12-Q23-EcoMap_24L-GStudy	BASEvs STUDY	BASEvs STUDY	BASEvs STUDY	13-Q23-EcoMap_24L-GBase	13-Q23-EcoMap_24L-GBase	13-Q23-EcoMap_24L-GBase	14-Q23-EcoMap_24L-GStudy	14-Q23-EcoMap_24L-GStudy	14-Q23-EcoMap_24L-GStudy	BASEvs STUDY	BASEvs STUDY	BASEvs STUDY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY	ROW SUMMARY
									Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A %	Rate B %	Rate C %	Rate A %	Rate B %	Rate C %	Rate A Diff	Rate B Diff	Rate C Diff	Rate A Max Diff	Rate B Max Diff	Rate C Max Diff	Rate All Max Diff
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**120.35**	**103.16**	99.11	**123.98**	**106.27**	**102.1**	3.63	3.11	NEW	40.36	34.59	33.24	44.97	38.54	37.03	-	-	-	**105.56**	90.48	86.94	**109.43**	93.79	90.11	3.87	-	-	3.87	3.11	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**117.75**	**100.93**	96.97	**121.5**	**104.14**	**100.06**	3.75	3.21	NEW	44.46	38.11	36.61	48.81	41.84	40.2	-	-	-	**105.91**	90.78	87.22	**109.55**	93.9	90.22	3.64	-	-	3.75	3.21	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**120.4**	**103.2**	99.15	**124.03**	**106.31**	**102.14**	3.63	3.11	NEW	40.38	34.61	33.25	44.99	38.56	37.05	-	-	-	**105.61**	90.52	86.97	**109.47**	93.83	90.15	3.86	-	-	3.86	3.11	NEW	NEW
12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**119.13**	**102.11**	98.11	**122.6**	**105.08**	**100.96**	3.47	2.97	NEW	45.82	39.28	37.74	49.87	42.74	41.07	-	-	-	**106.9**	91.63	88.04	**110.67**	94.86	91.14	3.77	-	-	3.77	2.97	NEW	NEW
P1-1_CC:FPL ::CAPE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**118.96**	**101.96**	97.97	**122.43**	**104.94**	**100.83**	3.47	2.98	NEW	50.58	43.36	41.66	54.88	47.04	45.19	-	-	-	**107.73**	92.34	88.72	**111.71**	95.75	92	3.98	-	-	3.98	2.98	NEW	NEW
P1-1_CC:FPL ::PEE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**119.53**	**102.45**	98.43	**123.28**	**105.66**	**101.52**	3.75	3.21	NEW	50.76	43.51	41.8	55.06	47.19	45.34	-	-	-	**108.67**	93.14	89.49	**112.41**	96.35	92.57	3.74	-	-	3.75	3.21	NEW	NEW
P1-1_CC:FPL ::RIVE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**119.85**	**102.73**	98.7	**123.61**	**105.95**	**101.79**	3.76	3.22	NEW	51.06	43.76	42.05	55.35	47.44	45.58	-	-	-	**108.96**	93.39	89.73	**112.67**	96.57	92.78	3.71	-	-	3.76	3.22	NEW	NEW
P1-1_CC:FPL ::TPS_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**120.72**	**103.47**	99.42	**124.51**	**106.72**	**102.53**	3.79	3.25	NEW	51.89	44.48	42.73	56.18	48.15	46.27	-	-	-	**109.95**	94.24	90.55	**113.7**	97.46	93.64	3.75	-	-	3.79	3.25	NEW	NEW
P1-1_CC:FPL ::WCE1_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**119.4**	**102.34**	98.33	**122.9**	**105.34**	**101.21**	3.5	3	NEW	50.61	43.38	41.68	54.89	47.05	45.2	-	-	-	**108.67**	93.14	89.49	**112.38**	96.33	92.55	3.71	-	-	3.71	3	NEW	NEW
P1-1_CC:FPL ::WCE2_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**119.08**	**102.07**	98.07	**122.55**	**105.05**	**100.93**	3.47	2.98	NEW	50.34	43.15	41.46	54.64	46.83	45	-	-	-	**108.18**	92.72	89.09	**111.89**	95.91	92.15	3.71	-	-	3.71	2.98	NEW	NEW
P1-1_CC:FPL::SAN4_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**118.83**	**101.85**	97.86	**122.32**	**104.85**	**100.73**	3.49	3	NEW	50.63	43.4	41.69	54.93	47.08	45.23	-	-	-	**107.92**	92.5	88.87	**111.65**	95.7	91.95	3.73	-	-	3.73	3	NEW	NEW
P1-1_CC:FPL::SANS_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**118.82**	**101.84**	97.85	**122.29**	**104.82**	**100.71**	3.47	2.98	NEW	50.61	43.38	41.68	54.91	47.07	45.22	-	-	-	**107.91**	92.49	88.87	**111.63**	95.68	91.93	3.72	-	-	3.72	2.98	NEW	NEW
P1-2_Branch:DEF-230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	**134.31**	**114.92**	**109.29**	**147.2**	**125.95**	**119.78**	12.89	11.03	10.49	19.89	17.02	16.19	31.4	26.87	25.55	-	-	-	**115.33**	98.68	93.85	**127.57**	**109.15**	**103.8**	12.24	NEW	NEW	12.89	NEW	NEW	NEW
P1-2_Branch:DEF-230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**138.81**	**118.98**	**114.31**	**151.53**	**129.88**	**124.79**	12.72	10.9	10.48	20.99	17.99	17.28	33.81	28.98	27.84	-	-	-	**120.02**	**102.87**	98.84	**132.17**	**113.29**	**108.84**	12.15	10.42	NEW	12.72	10.9	NEW	NEW
P1-2_Branch:DEF-230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	**139.44**	**119.32**	**113.47**	**151.36**	**129.51**	**123.16**	11.92	10.19	9.69	21.69	18.56	17.65	34.3	29.35	27.91	-	-	-	**119.67**	**102.4**	97.38	**131.54**	**112.55**	**107.04**	11.87	10.15	NEW	11.92	10.19	NEW	NEW
P2-3:DEF::3150_w/CAP:PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	**133.92**	**114.6**	**108.98**	**146.08**	**125**	**118.87**	12.16	10.4	9.89	20.7	17.71	16.85	28.89	24.72	23.51	-	-	-	**114.23**	97.75	92.96	**126.17**	**107.96**	**102.66**	11.94	NEW	NEW	12.16	NEW	NEW	NEW
P2-3:DEF::3150_w/CAP:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**138.41**	**118.63**	**113.98**	**150.49**	**128.99**	**123.94**	12.08	10.36	9.96	21.36	18.31	17.59	31.76	27.22	26.15	-	-	-	**118.97**	**101.97**	97.97	**130.88**	**112.19**	**107.79**	11.91	10.22	NEW	12.08	10.36	NEW	NEW
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	**135.17**	**115.66**	**109.99**	**147.79**	**126.46**	**120.26**	12.62	10.8	10.27	20.46	17.5	16.65	32.54	27.84	26.47	-	-	-	**116.99**	**100.1**	95.2	**128.76**	**110.18**	**104.78**	11.77	10.08	NEW	12.62	10.8	NEW	NEW
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	**136.53**	**116.83**	**111.1**	**149.47**	**127.9**	**121.63**	12.94	11.07	10.53	21.31	18.24	17.34	33.21	28.42	27.02	-	-	-	**117.63**	**100.65**	95.72	**129.84**	**111.1**	**105.65**	12.21	10.45	NEW	12.94	11.07	NEW	NEW
P2-3:DEF::8492:STME	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	**139.43**	**119.31**	**113.46**	**151.32**	**129.48**	**123.13**	11.89	10.17	9.67	21.68	18.55	17.64	34.03	29.12	27.69	-	-	-	**119.62**	**102.35**	97.33	**131.29**	**112.34**	**106.83**	11.67	9.99	NEW	11.89	10.17	NEW	NEW
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	**136.53**	**116.83**	**111.1**	**149.47**	**127.9**	**121.63**	12.94	11.07	10.53	21.31	18.24	17.34	33.21	28.42	27.02	-	-	-	**117.63**	**100.65**	95.72	**129.84**	**111.1**	**105.65**	12.21	10.45	NEW	12.94	11.07	NEW	NEW
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**141.03**	**120.89**	**116.15**	**153.82**	**131.84**	**126.67**	12.79	10.95	10.52	22.97	19.69	18.91	35.87	30.75	29.54	-	-	-	**122.32**	**104.84**	**100.73**	**134.44**	**115.23**	**110.71**	12.12	10.39	9.98	12.79	10.95	10.52	12.79
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**141.03**	**120.89**	**116.15**	**153.82**	**131.84**	**126.67**	12.79	10.95	10.52	22.97	19.69	18.91	35.87	30.75	29.54	-	-	-	**122.32**	**104.84**	**100.73**	**134.44**	**115.23**	**110.71**	12.12	10.39	9.98	12.79	10.95	10.52	12.79
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**139.8**	**119.83**	**115.13**	**152.24**	**130.49**	**125.38**	12.44	10.66	10.25	23.01	19.72	18.95	35.74	30.63	29.43	-	-	-	**121.8**	**104.4**	**100.3**	**133.49**	**114.42**	**109.93**	11.69	10.02	9.63	12.44	10.66	10.25	12.44
P1-2_Branch:DEF-230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**143.83**	**123.28**	**118.45**	**155.75**	**133.5**	**128.27**	11.92	10.22	9.82	24.18	20.73	19.91	37.39	32.04	30.79	-	-	-	**124.35**	**106.58**	**102.4**	**136.2**	**116.74**	**112.17**	11.85	10.16	9.77	11.92	10.22	9.82	11.92
P2-3:DEF::8492:STME	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**143.82**	**123.27**	**118.44**	**155.68**	**133.44**	**128.21**	11.86	10.17	9.77	24.16	20.71	19.89	37.1	31.8	30.55	-	-	-	**124.33**	**106.57**	**102.39**	**135.95**	**116.53**	**111.96**	11.62	9.96	9.57	11.86	10.17	9.77	11.86
12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	**127**	**108.67**	**103.34**	**131.07**	**112.15**	**106.66**	4.07	3.48	3.32	40.14	34.35	32.66	45.08	38.57	36.68	-	-	-	**109.79**	93.94	89.34	**113.81**	97.38	92.61	4.02	-	-	4.07	3.48	3.32	4.07
12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**131.38**	**112.61**	**108.2**	**135.41**	**116.06**	**111.51**	4.03	3.45	3.31	44.46	38.11	36.62	49.07	42.06	40.41	-	-	-	**114.43**	98.09	94.24	**118.46**	**101.54**	97.56	4.03	NEW	-	4.03	NEW	3.31	NEW
P1-1_CC:FPL ::DEC_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**121.79**	**104.39**	**100.3**	**125.7**	**107.74**	**103.52**	3.91	3.35	3.22	52.88	45.32	43.55	57.16	48.99	47.07	-	-	-	**111.04**	95.18	91.45	**114.62**	98.25	94.39	3.58	-	-	3.91	3.35	3.22	3.91
P1-1_CC:FPL ::MN3_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	**122.62**	**105.1**	**100.98**	**126.42**	**108.36**	**104.11**	3.8	3.26	3.13	54.32	46.56	44.73	58.61	50.24	48.27	-	-	-	**111.82**	95.84	92.08	**115.43**	98.94	95.06	3.61	-	-	3.8	3.26	3.13	3.8
P1-2_Branch:DEF-230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3115 LLOYD TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	84	98	102	**107.83**	92.43	88.8	**119.79**	**102.67**	98.65	11.96	NEW	-	14.24	12.21	11.73	5.72	4.91	4.71	-	-	-	87.96	75.39	72.44	99.9	85.63	82.27	-	-	-	11.96	NEW		NEW
P2-3:DEF::8492:STME	3115 LLOYD TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	84	98	102	**107.82**	92.42	88.79	**119.69**	**102.59**	98.57	11.87	NEW	-	14.28	12.24	11.76	5.73	4.91	4.72	-	-	-	87.91	75.35	72.39	99.65	85.42	82.07	-	-	-	11.87	NEW		NEW
P1-2_Branch:DEF-230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3107 DRIFTON 115 3115 LLOYD TP 115 1	115	2	DEF	84	83	97	102	**106.29**	90.95	86.49	**118.35**	**101.26**	96.3	12.06	NEW	-	17.77	15.21	14.46	9.17	7.85	7.46	-	-	-	86.15	73.72	70.1	98.2	84.02	79.91	-	-	-	12.06	NEW		NEW
P2-3:DEF::8492:STME	3107 DRIFTON 115 3115 LLOYD TP 115 1	115	2	DEF	84	83	97	102	**106.27**	90.94	86.48	**118.27**	**101.2**	96.24	12	NEW	-	17.79	15.23	14.48	9.26	7.92	7.54	-	-	-	86.1	73.67	70.06	97.95	83.81	79.7	-	-	-	12	NEW		NEW
P2-3:DEF::6482_6485_6487:FLGT	3115 LLOYD TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	84	98	102	**105.15**	90.12	86.59	**117.78**	**100.96**	97	12.63	NEW	-	16.59	14.22	13.66	7.61	6.52	6.27	-	-	-	85.84	73.58	70.69	98.02	84.01	80.72	-	-	-	12.63	NEW		NEW
P7:DEF::STME-FLGT-PRRY	3115 LLOYD TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	84	98	102	**105.15**	90.12	86.59	**117.78**	**100.96**	97	12.63	NEW	-	16.59	14.22	13.66	7.61	6.52	6.27	-	-	-	85.84	73.58	70.69	98.02	84.01	80.72	-	-	-	12.63	NEW		NEW
P2-3:DEF::3151:PRRY	3115 LLOYD TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	84	98	102	**104.15**	89.27	85.77	**116.44**	99.8	95.89	12.29	-	-	15.11	12.95	12.45	5.1	4.37	4.2	-	-	-	85.49	73.27	70.4	97.27	83.38	80.11	-	-	-	12.29			12.29
P2-3:DEF::6482_6485_6487:FLGT	3107 DRIFTON 115 3115 LLOYD TP 115 1	115	2	DEF	84	83	97	102	**103.52**	88.58	84.23	**116.36**	99.57	94.69	12.84	-	-	20.25	17.33	16.48	11.35	9.71	9.23	-	-	-	84.03	71.91	68.38	96.35	82.44	78.4	-	-	-	12.84			12.84
P7:DEF::STME-FLGT-PRRY	3107 DRIFTON 115 3115 LLOYD TP 115 1	115	2	DEF	84	83	97	102	**103.52**	88.58	84.23	**116.36**	99.57	94.69	12.84	-	-	20.25	17.33	16.48	11.35	9.71	9.23	-	-	-	84.03	71.91	68.38	96.35	82.44	78.4	-	-	-	12.84			12.84
P1-2_Branch:DEF-230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3115 LLOYD TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	84	98	102	**102.89**	88.19	84.74	**115.5**	99	95.12	12.61	-	-	18.91	16.21	15.58	8.97	7.69	7.38	-	-	-	83.52	71.59	68.78	95.73	82.06	78.84	-	-	-	12.61			12.61
P2-3:DEF::3151:PRRY	3107 DRIFTON 115 3115 LLOYD TP 115 1	115	2	DEF	84	83	97	102	**102.41**	87.63	83.33	**114.91**	98.33	93.51	12.5	-	-	18.55	15.87	15.09	8.9	7.61	7.24	-	-	-	83.59	71.53	68.02	95.5	81.71	77.71	-	-	-	12.5			12.5
P2-3:DEF::3150_w/CAP:PRRY	3115 LLOYD TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	84	98	102	**102.45**	87.81	84.37	**114.55**	98.19	94.34	12.1	-	-	19.52	16.73	16.08	7.92	6.79	6.52	-	-	-	82.62	70.82	68.04	94.63	81.11	77.93	-	-	-	12.1			12.1
P1-2_Branch:DEF-230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3107 DRIFTON 115 3115 LLOYD TP 115 1	115	2	DEF	84	83	97	102	**101.25**	86.63	82.39	**114.06**	97.6	92.82	12.81	-	-	22.57	19.31	18.37	12.88	11.02	10.48	-	-	-	81.7	69.9	66.48	94.04	80.47	76.52	-	-	-	12.81			12.81
P2-3:DEF::3B:PWLN	3516 CITRUS CC 230 3526 POWERLINE 230 1	230	2	DEF	60	656	798	1070	**114.61**	94.21	70.26	**114.04**	93.75	69.92	+	-	-	95.5	78.51	58.55	99.69	81.95	61.12	-	-	-	**107.33**	88.23	65.8	**111.57**	91.71	68.4	4.24	-	-	4.24			4.24
P2-3:DEF::3B:PWLN	3516 CITRUS CC 230 3526 POWERLINE 230 4	230	2	DEF	60	656	761	1015	**114.61**	98.79	74.07	**114.04**	98.31	73.71	+	-	-	95.5	82.33	61.72	99.69	85.93	64.43	-	-	-	**107.33**	92.52	69.37	**111.57**	96.17	72.11	4.24	-	-	4.24			4.24
P7:DEF::CENG-PWRL	3516 CITRUS CC 230 3526 POWERLINE 230 3	230	2	DEF	60	656	798	1070	**114.61**	94.21	70.26	**114.04**	93.75	69.92	+	-	-	95.5	78.51	58.55	99.69	81.95	61.12	-	-	-	**107.33**	88.23	65.8	**111.57**	91.71	68.4	4.24	-	-	4.24			4.24
P7:DEF::CENG-PWRL	3516 CITRUS CC 230 3526 POWERLINE 230 4	230	2	DEF	60	656	761	1015	**114.61**	98.79	74.07	**114.04**	98.31	73.71	+	-	-	95.5	82.33	61.72	99.69	85.93	64.43	-	-	-	**107.33**	92.52	69.37	**111.57**	96.17	72.11	4.24	-	-	4.24			4.24
P7:DEF::PWRL-CENG	3516 CITRUS CC 230 3526 POWERLINE 230 1	230	2	DEF	60	656	798	1070	**114.61**	94.21	70.26	**114.04**	93.75	69.92	+	-	-	95.5	78.51	58.55	99.69	81.95	61.12	-	-	-	**107.33**	88.23	65.8	**111.57**	91.71	68.4	4.24	-	-	4.24			4.24
P7:DEF::PWRL-CENG	3516 CITRUS CC 230 3526 POWERLINE 230 2	230	2	DEF	60	656	798	1070	**114.61**	94.21	70.26	**114.04**	93.75	69.92	+	-	-	95.5	78.51	58.55	99.69	81.95	61.12	-	-	-	**107.33**	88.23	65.8	**111.57**	91.71	68.4	4.24	-	-	4.24			4.24
P2-3:DEF::3150_w/CAP:PRRY	3107 DRIFTON 115 3115 LLOYD TP 115 1	115	2	DEF	84	83	97	102	**100.81**	86.26	82.03	**113.06**	96.74	92	12.25	-	-	23.27	19.91	18.93	11.84	10.13	9.64	-	-	-	80.72	69.07	65.69	92.84	79.44	75.54	-	-	-	12.25			12.25
10219 THOMASVL B1 230 12545 THOMASVL B2 230 1	12545 THOMASVL B2 230 12546 THOMASVL B2 115 1	230/115	30	SOCO	701	140	172	172	98.81	80.43	80.43	**101.89**	82.94	82.94	NEW	-	-	32.77	26.68	26.68	35.8	29.14	29.14	-	-	-	81.24	66.13	66.13	84.32	68.64	68.64	-	-	-	NEW			NEW
10223 DOUGLAS 230 11810 WILSONVILLE 230 1	11065 PINE GRV B1 115 11080 LAKELAND GA 115 1	115	30	SOCO	701	38	47	47	98.18	79.38	79.38	**100.72**	81.44	81.44	NEW	-	-	55.02	44.48	44.48	57.68	46.63	46.63	-	-	-	88.87	71.85	71.85	91.46	73.95	73.95	-	-	-	NEW			NEW
P7:OUC-230:Taft-MR/AIP	2074 WEKIVA 230 2076 PIEDM230 CAP 230 1	230	2	DEF	71/72	476	550	668	98.43	85.19	70.14	**100.1**	86.63	71.33	NEW	-	-							-	-	-										NEW			NEW
T-P2-1::FPL:138:McArthur_Lauderdale:(162-524-1)	137 BROWARD 138 154 MARGATE 138 1	138	1	FPL	2	287	287	373	96.29	96.29	74.09	96.3	96.3	74.1	-	-	-	99.15	99.15	76.29	99.15	99.15	76.29	-	-	-	100	100	76.94	**100.01**	**100.01**	76.95	NEW	NEW	-	NEW	NEW		NEW

N-1 Thermal Rate B Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	09-Q291-EcoDisp_24s_G-FBase Rate A %	09-Q291-EcoDisp_24s_G-FBase Rate B %	09-Q291-EcoDisp_24s_G-FBase Rate C %	10-Q291-EcoDisp_24s_G-FStudy Rate A %	10-Q291-EcoDisp_24s_G-FStudy Rate B %	10-Q291-EcoDisp_24s_G-FStudy Rate C %	BASE vs STUDY Rate A Diff	BASE vs STUDY Rate B Diff	BASE vs STUDY Rate C Diff	11-Q291-EcoDisp_26s_F-GBase Rate A %	11-Q291-EcoDisp_26s_F-GBase Rate B %	11-Q291-EcoDisp_26s_F-GBase Rate C %	12-Q291-EcoDisp_26s_F-GStudy Rate A %	12-Q291-EcoDisp_26s_F-GStudy Rate B %	12-Q291-EcoDisp_26s_F-GStudy Rate C %	BASE vs STUDY Rate A Diff	BASE vs STUDY Rate B Diff	BASE vs STUDY Rate C Diff	13-Q291-EcoDisp_26s_G-FBase Rate A %	13-Q291-EcoDisp_26s_G-FBase Rate B %	13-Q291-EcoDisp_26s_G-FBase Rate C %	14-Q291-EcoDisp_26s_G-FStudy Rate A %	14-Q291-EcoDisp_26s_G-FStudy Rate B %	14-Q291-EcoDisp_26s_G-FStudy Rate C %	BASE vs STUDY Rate A Diff	BASE vs STUDY Rate B Diff	BASE vs STUDY Rate C Diff	ROW SUMMARY Rate A Max Diff	ROW SUMMARY Rate B Max Diff	ROW SUMMARY Rate C Max Diff	ROW SUMMARY Rate All Max Diff
T-P2-1::FPL:138:McArthur_Lauderdale:(162-524-1)	137 BROWARD 138 154 MARGATE 138 1	138	1	FPL	2	287	287	373	96.29	96.29	74.09	96.3	96.3	74.1	-	-	-	99.15	99.15	76.29	99.15	99.15	76.29	-	-	-	100	100	76.94	100.01	100.01	76.95	NEW	NEW	-	NEW	NEW		NEW

N-1 Thermal Rate C Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Rate A (MVA)	Rate B (MVA)	Rate C (MVA)	09-Q291-EcoDisp_24s_G-FBase Rate A %	09-Q291-EcoDisp_24s_G-FBase Rate B %	09-Q291-EcoDisp_24s_G-FBase Rate C %	10-Q291-EcoDisp_24s_G-FStudy Rate A %	10-Q291-EcoDisp_24s_G-FStudy Rate B %	10-Q291-EcoDisp_24s_G-FStudy Rate C %	BASE vs STUDY Rate A Diff	BASE vs STUDY Rate B Diff	BASE vs STUDY Rate C Diff	11-Q291-EcoDisp_26s_F-GBase Rate A %	11-Q291-EcoDisp_26s_F-GBase Rate B %	11-Q291-EcoDisp_26s_F-GBase Rate C %	12-Q291-EcoDisp_26s_F-GStudy Rate A %	12-Q291-EcoDisp_26s_F-GStudy Rate B %	12-Q291-EcoDisp_26s_F-GStudy Rate C %	BASE vs STUDY Rate A Diff	BASE vs STUDY Rate B Diff	BASE vs STUDY Rate C Diff	13-Q291-EcoDisp_26s_G-FBase Rate A %	13-Q291-EcoDisp_26s_G-FBase Rate B %	13-Q291-EcoDisp_26s_G-FBase Rate C %	14-Q291-EcoDisp_26s_G-FStudy Rate A %	14-Q291-EcoDisp_26s_G-FStudy Rate B %	14-Q291-EcoDisp_26s_G-FStudy Rate C %	BASE vs STUDY Rate A Diff	BASE vs STUDY Rate B Diff	BASE vs STUDY Rate C Diff	ROW SUMMARY Rate A Max Diff	ROW SUMMARY Rate B Max Diff	ROW SUMMARY Rate C Max Diff	ROW SUMMARY Rate All Max Diff
10024 N TIFTON 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	120.35	103.16	99.11	123.98	106.27	102.1	3.63	3.11	NEW	40.36	34.59	33.24	44.97	38.54	37.03	-	-	-	105.56	90.48	86.94	109.43	93.79	90.11	3.87	-	-	3.87	3.11	NEW	NEW
11885 W VALDOSTA 230 12505 SPAIN 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	117.75	100.93	96.97	121.5	104.14	100.06	3.75	3.21	NEW	44.46	38.11	36.61	48.81	41.84	40.2	-	-	-	105.91	90.78	87.22	109.55	93.9	90.22	3.64	-	-	3.75	3.21	NEW	NEW
12500 RACCOON CK 500 12501 S_NTIF_RC 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	120.4	103.2	99.15	124.03	106.31	102.14	3.63	3.11	NEW	40.38	34.61	33.25	44.99	38.56	37.05	-	-	-	105.61	90.52	86.97	109.47	93.83	90.15	3.86	-	-	3.86	3.11	NEW	NEW
12505 SPAIN 230 12595 DAISY 230 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	119.13	102.11	98.11	122.6	105.08	100.96	3.47	2.97	NEW	45.82	39.28	37.74	49.87	42.74	41.07	-	-	-	106.9	91.63	88.04	110.67	94.86	91.14	3.77	-	-	3.77	2.97	NEW	NEW
P1-1_CC:FPL ::CAPE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	118.96	101.96	97.97	122.43	104.94	100.83	3.47	2.98	NEW	50.58	43.36	41.66	54.88	47.04	45.19	-	-	-	107.73	92.34	88.72	111.71	95.75	92	3.98	-	-	3.98	2.98	NEW	NEW
P1-1_CC:FPL ::PEE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	119.53	102.45	98.43	123.28	105.66	101.52	3.75	3.21	NEW	50.76	43.51	41.8	55.06	47.19	45.34	-	-	-	108.67	93.14	89.49	112.41	96.35	92.57	3.74	-	-	3.75	3.21	NEW	NEW
P1-1_CC:FPL ::RIVE_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	119.85	102.73	98.7	123.61	105.95	101.79	3.76	3.22	NEW	51.06	43.76	42.05	55.35	47.44	45.58	-	-	-	108.96	93.39	89.73	112.67	96.57	92.78	3.71	-	-	3.76	3.22	NEW	NEW
P1-1_CC:FPL ::TP5_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	120.72	103.47	99.42	124.51	106.72	102.53	3.79	3.25	NEW	51.89	44.48	42.73	56.18	48.15	46.27	-	-	-	109.95	94.24	90.55	113.7	97.46	93.64	3.75	-	-	3.79	3.25	NEW	NEW
P1-1_CC:FPL ::WCE1_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	119.4	102.34	98.33	122.9	105.34	101.21	3.5	3	NEW	50.61	43.38	41.68	54.89	47.05	45.2	-	-	-	108.67	93.14	89.49	112.38	96.33	92.55	3.71	-	-	3.71	3	NEW	NEW
P1-1_CC:FPL ::WCE2_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	119.08	102.07	98.07	122.55	105.05	100.93	3.47	2.98	NEW	50.34	43.15	41.46	54.64	46.83	45	-	-	-	108.18	92.72	89.09	111.89	95.91	92.15	3.71	-	-	3.71	2.98	NEW	NEW
P1-1_CC:FPL::SAN4_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	118.83	101.85	97.86	122.32	104.85	100.73	3.49	3	NEW	50.63	43.4	41.69	54.93	47.08	45.23	-	-	-	107.92	92.5	88.87	111.65	95.7	91.95	3.73	-	-	3.73	3	NEW	NEW
P1-1_CC:FPL::SAN5_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	118.82	101.84	97.85	122.29	104.82	100.71	3.47	2.98	NEW	50.61	43.38	41.68	54.91	47.07	45.22	-	-	-	107.91	92.49	88.87	111.63	95.68	91.93	3.72	-	-	3.72	2.98	NEW	NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	134.31	114.92	109.29	147.2	125.95	119.78	12.89	11.03	10.49	19.89	17.02	16.19	31.4	26.87	25.55	-	-	-	115.33	98.68	93.85	127.57	109.15	103.8	12.24	NEW	NEW	12.89	NEW	NEW	NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3167-PERRY-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	138.81	118.98	114.31	151.53	129.88	124.79	12.72	10.9	10.48	20.99	17.99	17.28	33.81	28.98	27.84	-	-	-	120.02	102.87	98.84	132.17	113.29	108.84	12.15	10.42	NEW	12.72	10.9	NEW	NEW
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	139.44	119.32	113.47	151.36	129.51	123.16	11.92	10.19	9.69	21.69	18.56	17.65	34.3	29.35	27.91	-	-	-	119.67	102.4	97.38	131.54	112.55	107.04	11.87	10.15	NEW	11.92	10.19	NEW	NEW
P2-3:DEF::3150_w/CAP:PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	133.92	114.6	108.98	146.08	125	118.87	12.16	10.4	9.89	20.7	17.71	16.85	28.89	24.72	23.51	-	-	-	114.23	97.75	92.96	126.17	107.96	102.66	11.94	NEW	NEW	12.16	NEW	NEW	NEW
P2-3:DEF::3150_w/CAP:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	138.41	118.63	113.98	150.49	128.99	123.94	12.08	10.36	9.96	21.36	18.31	17.59	31.76	27.22	26.15	-	-	-	118.97	101.97	97.97	130.88	112.19	107.79	11.91	10.22	NEW	12.08	10.36	NEW	NEW
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	135.17	115.66	109.99	147.79	126.46	120.26	12.62	10.8	10.27	20.46	17.5	16.65	32.54	27.84	26.47	-	-	-	116.99	100.1	95.2	128.76	110.18	104.78	11.77	10.08	NEW	12.62	10.8	NEW	NEW
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	136.53	116.83	111.1	149.47	127.9	121.63	12.94	11.07	10.53	21.31	18.24	17.34	33.21	28.42	27.02	-	-	-	117.63	100.65	95.72	129.84	111.1	105.65	12.21	10.45	NEW	12.94	11.07	NEW	NEW
P2-3:DEF::8492:STME	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	139.43	119.31	113.46	151.32	129.48	123.13	11.89	10.17	9.67	21.68	18.55	17.64	34.03	29.12	27.69	-	-	-	119.62	102.35	97.33	131.29	112.34	106.83	11.67	9.99	NEW	11.89	10.17	NEW	NEW
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	136.53	116.83	111.1	149.47	127.9	121.63	12.94	11.07	10.53	21.31	18.24	17.34	33.21	28.42	27.02	-	-	-	117.63	100.65	95.72	129.84	111.1	105.65	12.21	10.45	NEW	12.94	11.07	NEW	NEW
P2-3:DEF::6482_6485_6487:FLGT	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	141.03	120.89	116.15	153.82	131.84	126.67	12.79	10.95	10.52	22.97	19.69	18.91	35.87	30.75	29.54	-	-	-	122.32	104.84	100.73	134.44	115.23	110.71	12.12	10.39	9.98	12.79	10.95	10.52	12.79
P7:DEF::STME-FLGT-PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	141.03	120.89	116.15	153.82	131.84	126.67	12.79	10.95	10.52	22.97	19.69	18.91	35.87	30.75	29.54	-	-	-	122.32	104.84	100.73	134.44	115.23	110.71	12.12	10.39	9.98	12.79	10.95	10.52	12.79
P2-3:DEF::3151:PRRY	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	139.8	119.83	115.13	152.24	130.49	125.38	12.44	10.66	10.25	23.01	19.72	18.95	35.74	30.63	29.43	-	-	-	121.8	104.4	100.3	133.49	114.42	109.93	11.69	10.02	9.63	12.44	10.66	10.25	12.44
P1-2_Branch:DEF:230:3161-FL GAS TRNS-230-3172-ST MARKS E-230-1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	143.83	123.28	118.45	155.75	133.5	128.27	11.92	10.22	9.82	24.18	20.73	19.91	37.39	32.04	30.79	-	-	-	124.35	106.58	102.4	136.2	116.74	112.17	11.85	10.16	9.77	11.92	10.22	9.82	11.92
P2-3:DEF::8492:STME	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	143.82	123.27	118.44	155.68	133.44	128.21	11.86	10.17	9.77	24.16	20.71	19.89	37.1	31.8	30.55	-	-	-	124.33	106.57	102.39	135.95	116.53	111.96	11.62	9.96	9.57	11.86	10.17	9.77	11.86
12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3119 MICCOSUKE TP 115 1	115	2	DEF	84	83	97	102	127	108.67	103.34	131.07	112.15	106.66	4.07	3.48	3.32	40.14	34.35	32.66	45.08	38.57	36.68	-	-	-	109.79	93.94	89.34	113.81	97.38	92.61	4.02	-	-	4.07	3.48	3.32	4.07
12500 RACCOON CK 500 14600 FARLEY 8 500 1	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	131.38	112.61	108.2	135.41	116.06	111.51	4.03	3.45	3.31	44.46	38.11	36.62	49.07	42.06	40.41	-	-	-	114.43	98.09	94.24	118.46	101.54	97.56	4.03	NEW	-	4.03	NEW	3.31	NEW
P1-1_CC:FPL ::DEC_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	121.79	104.39	100.3	125.7	107.74	103.52	3.91	3.35	3.22	52.88	45.32	43.55	57.16	48.99	47.07	-	-	-	111.04	95.18	91.45	114.62	98.25	94.39	3.58	-	-	3.91	3.35	3.22	3.91
P1-1_CC:FPL ::MN3_CC	3101 BAKER TP 115 3143 KILLEARN TP1 115 1	115	2	DEF	84	84	98	102	122.62	105.1	100.98	126.42	108.36	104.11	3.8	3.26	3.13	54.32	46.56	44.73	58.61	50.24	48.27	-	-	-	111.82	95.84	92.08	115.43	98.94	95.06	3.61	-	-	3.8	3.26	3.13	3.8

N-1 Voltage Results

Contingency	Monitored Facility	kVs	Areas	Areas Name	Zones	Min Volt Limit	Max Volt Limit	09-Q291-EcoDisp_24s_G-FBase Volt	10-Q291-EcoDisp_24s_G-FStudy Volt	STUDY VS BASE Volt Diff	11-Q291-EcoDisp_26s_F-GBase Volt	12-Q291-EcoDisp_26s_F-GStudy Volt	STUDY VS BASE Volt Diff	13-Q291-EcoDisp_26s_G-FBase Volt	14-Q291-EcoDisp_26s_G-FStudy Volt	STUDY VS BASE Volt Diff	ROW SUMMARY Volt Max Diff
P1-3_3WindTr:DEF:69/115:JASPER SOUT-3089-3117-3132-1	3089 JASPER SOUTH 69	69	2	DEF	84	0.9	1.05	0.9221	0.9237	-	1.0498	1.0505	NEW	1.0483	1.0486	-	NEW
P2-2:DEF:115:DFTN_1_w/CAP	7024 CHAIRES 115	115	2	DEF	307	0.9	1.05	0.9002	0.8996	NEW	0.9265	0.9247	-	0.9069	0.9055	-	NEW
P2-3:DEF::3147_w/CAP:DFTN	7024 CHAIRES 115	115	2	DEF	307	0.9	1.05	0.9002	0.8996	NEW	0.9265	0.9247	-	0.9069	0.9055	-	NEW
P2-3:DEF::664:SVSP	6351 OC SHAW 69	69	2	DEF	283	0.9	1.05	1.0503	1.05	+	1.0487	1.0488	-	1.0494	1.0505	NEW	NEW
P1-1_CC:FPL::FT.MYRCTCD_ST	283 ARCADIA 69	69	1	FPL	4	0.95	1.07	0.9502	0.9488	NEW	0.9443	0.9445	0.0002	0.9544	0.9543	-	NEW
P1-1_CC:FPL::FT.MYRCTEF_ST	283 ARCADIA 69	69	1	FPL	4	0.95	1.07	0.9502	0.9488	NEW	0.9443	0.9445	0.0002	0.9543	0.9543	-	NEW
P2-3:FPL::COLL:0299-116	283 ARCADIA 69	69	1	FPL	4	0.95	1.07	0.9466	0.9467	1E-04	0.9517	0.9518	-	0.9508	0.9408	NEW	NEW
P7:FPL::GREYNOLDS-LAUDER_LAUDER_WESTVILLAGE	92 SUNNY IS 138	138	1	FPL	1	0.95	1.07	0.95	0.9499	NEW	0.9642	0.9642	-	0.9529	0.9528	-	NEW
P2-3:FPL::FARMLIFE:227-248	5325 KEY WSS 69	69	7	KEY	221	0.95	1.051	0.7095	0.6691	0.0404	0.7325	0.7322	0.0003	0.7301	0.7291	0.001	0.0404
P2-3:FPL::FARMLIFE:227-248	5323 KEY KDS1 69	69	7	KEY	221	0.95	1.051	0.7176	0.6774	0.0402	0.7407	0.7404	0.0003	0.7382	0.7372	0.001	0.0402
P2-3:FPL::FARMLIFE:227-248	5324 KEY KWD 69	69	7	KEY	221	0.95	1.051	0.7089	0.6687	0.0402	0.7319	0.7316	0.0003	0.7295	0.7285	0.001	0.0402
P2-3:FPL::FARMLIFE:227-248	5320 KEY CT 69	69	7	KEY	221	0.95	1.051	0.7276	0.6875	0.0401	0.7506	0.7503	0.0003	0.7482	0.7472	0.001	0.0401
P2-3:FPL::FARMLIFE:227-248	5322 KEY SIPS 69	69	7	KEY	221	0.95	1.051	0.7276	0.6875	0.0401	0.7506	0.7503	0.0003	0.7482	0.7472	0.001	0.0401
P2-3:FPL::FARMLIFE:227-248	5326 KEY TSS 69	69	7	KEY	221	0.95	1.051	0.7094	0.6693	0.0401	0.7323	0.732	0.0003	0.7299	0.7288	0.0011	0.0401
P2-3:FPL::FARMLIFE:227-248	5328 KEY KDS2 69	69	7	KEY	221	0.95	1.051	0.7124	0.6724	0.04	0.7351	0.7348	0.0003	0.7327	0.7317	0.001	0.04
P2-3:FPL::FARMLIFE:227-248	5330 KEY SSS 69	69	7	KEY	221	0.95	1.051	0.7239	0.684	0.0399	0.7467	0.7464	0.0003	0.7443	0.7432	0.0011	0.0399
P2-3:FPL::FARMLIFE:227-248	5321 KEY SIS 69	69	7	KEY	221	0.95	1.051	0.7195	0.6799	0.0396	0.7421	0.7418	0.0003	0.7396	0.7386	0.001	0.0396
P2-3:FPL::FARMLIFE:227-248	5305 KEY SIS2 138	138	7	KEY	221	0.95	1.051	0.7186	0.6794	0.0392	0.7409	0.7406	0.0003	0.7384	0.7374	0.001	0.0392
P2-3:FPL::FARMLIFE:227-248	5303 KEY SIS1 138	138	7	KEY	221	0.95	1.051	0.716	0.6775	0.0385	0.7377	0.7374	0.0003	0.7352	0.7342	0.001	0.0385
P2-3:FPL::FARMLIFE:227-248	5302 KEY BCS 138	138	7	KEY	221	0.95	1.051	0.7164	0.6783	0.0381	0.7379	0.7376	0.0003	0.7353	0.7344	0.0009	0.0381
P2-3:FPL::FARMLIFE:227-248	5304 KEY CKS 138	138	7	KEY	221	0.95	1.051	0.7155	0.679	0.0365	0.7359	0.7356	0.0003	0.7332	0.7323	0.0009	0.0365
P2-3:FPL::FARMLIFE:227-248	5301 BIGPINE 138	138	7	KEY	221	0.95	1.051	0.7247	0.6908	0.0339	0.7433	0.7431	0.0002	0.7404	0.7396	0.0008	0.0339
P2-3:FPL::FARMLIFE:227-248	873 MARATHON 138	138	1	FPL	7	0.95	1.07	0.7299	0.7011	0.0288	0.7445	0.7443	0.0002	0.7412	0.7407	0.0005	0.0288
P2-3:FPL::FARMLIFE:227-248	877 CRAWLKEY 138	138	1	FPL	7	0.95	1.07	0.7343	0.7083	0.026	0.7471	0.7469	0.0002	0.7436	0.7431	0.0005	0.026
P2-3:FPL::FARMLIFE:227-248	879 ISLMRDASCAP 138	138	1	FPL	7	0.95	1.07	0.7876	0.7621	0.0255	0.7943	0.7942	1E-04	0.7908	0.7904	0.0004	0.0255
P2-3:FPL::FARMLIFE:227-248	871 TAVRNIER 138	138	1	FPL	7	0.95	1.07	0.785	0.763	0.022	0.7917	0.7915	0.0002	0.788	0.7876	0.0004	0.022