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February 7, 2003

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Subject: **Docket No. 50-362**
Special Report: Inservice Inspection of Steam Generator Tubes, Cycle 12
San Onofre Nuclear Generating Station, Unit 3

Reference: Steam Generator Program Guidelines, Nuclear Energy Institute Document Number
NEI 97-06, Revision 1

Gentlemen:

On January 26, 2003, Southern California Edison (SCE) completed the inservice inspection of steam generator tubes at San Onofre Nuclear Generating Station Unit 3. The attached report is submitted in accordance with Technical Specification (TS) 5.7.2.c reporting requirements:

- Report the number of tubes plugged in each steam generator within 15 days of completing the inspection.
- Report the complete results of steam generator tube inspections within 12 months of inspection completion.

The attachment to this letter, "Special Report – Inservice Inspection of Steam Generator Tubes," which was prepared in accordance with the referenced industry guidance, satisfies these reporting requirements. The report contains no new commitments.

If you require any additional information, please advise.

Sincerely,

Attachments:

cc: E. W. Merschhoff, Regional Administrator, NRC Region IV
B. M. Pham, NRC Project Manager, San Onofre Units 2 & 3
C. C. Osterholtz, NRC Senior Resident Inspector, San Onofre Units 2 & 3
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SPECIAL REPORT - INSERVICE INSPECTION OF STEAM GENERATOR TUBES

Regulatory Reporting Requirements

Reporting Requirement 5.7.2.c of Appendix A, Technical Specification to Facility Operating License NPF-15, requires the number of tubes plugged and tubes sleeved in each steam generator to be reported to the Nuclear Regulatory Commission within 15 days following completion of the inspection.

Reporting Requirement 5.7.2.c of Appendix A, Technical Specification to Facility Operating License NPF-15, requires the complete results of steam generator tube inspections to be reported to the Nuclear Regulatory Commission within 12 months following completion of the inspection.

Planned Inspection Scope

Table 1 summarizes the planned inspection program. Also, when indications by the bobbin probe were non-quantifiable or distorted, the inspection program included inspection with the Plus-Point Probe. Table 3 provides the list of Nondestructive Examination (NDE) techniques utilized for each degradation mechanism.

Inspection Scope Expansion

Table 2 summarizes the only significant inspection program scope expansion in response to inspection results. The expanded scope inspected the U-bend region of all Row 4 tubes in both steam generators. All tubes were inspected with both mid-range and high-range frequency Plus-Point Probes.

Results

This report satisfies the listed regulatory reporting requirements.

The contents of this report were prepared using the guidance contained in NEI 97-06, Rev. 1, "Steam Generator Program Guidelines." The NEI guidance is an initiative to unify the industry approach towards steam generator issues and strengthen, where necessary, the steam generator program.

Table 4 summarizes the number of tubes repaired, and active degradation mechanisms found. Each tube is only counted once in this listing, although it may also have an eddy current indication of a type below the point in the listing where it appears. The Appendices provide the complete results of the steam generator tubing inservice inspection.

Table 5 summarizes in-situ pressure and leak testing results. This particular testing demonstrated the structural and leakage (i.e., there was no leakage) integrity of the tested tubes consistent with EPRI guidelines and recent industry guidance.¹ Eddy current testing results and in-situ pressure and leak testing results (Condition Monitoring) provide assurance that performance criteria in the NEI guidance (structural integrity and accident-induced leakage) were met during operation prior to this inspection.

¹ Letter from Lawrence F. Womack (Pacific Gas and Electric Company) to Steam Generator Management Program Utility Steering Committees, et. al, "Steam Generator Management Program (SGMP) Interim Guidelines on In Situ Pressure Testing of Steam Generator Tubes," dated October 13, 2000.

Repair of Tubes

Table 4 lists the number of tubes repaired by plugging for each steam generator. The sleeving repair method has never been used at Unit 3.

Table 6 provides an itemized listing of the tubes plugged in steam generator E-088 along with the corresponding Table 4 category specifying the indication orientation/location.

Table 7 provides an itemized listing of tubes plugged in steam generator E-089 along with the corresponding Table 4 category specifying the indication orientation/location.

Repair Methods, Number of Tubes Repaired and Effective Plugging Percentage

All tube plugging was performed using the design, materials, and installation methods of FRAMATOME-ANP (FANP). A "roll" method was used for all tube plugs. Nine tubes in Steam Generator E-088 and five tubes in Steam Generator E-089 were "stabilized" in the vicinity of the top of the tubesheet using the design, materials, and installation methods of FANP.

Seventy-two tubes were plugged in Steam Generator E-088 during the Cycle 12 refueling outage. A total of 658 tubes have been plugged. The design number of tubes is 9350 and no tubes have ever been sleeved in this steam generator. The effective plugging percentage for E-088 is 7.1%.

Sixty-seven tubes were plugged in Steam Generator E-089 during the Cycle 12 refueling outage. A total of 589 tubes have been plugged. The design number of tubes is 9350 and no tubes have ever been sleeved in this steam generator. The effective plugging percentage for E-089 is 6.3%.

Description of Tables and Appendices

- Table 1 - Summary of the Planned Inspection Program for the Unit 3 Cycle 12 (U3C12) Refueling Outage
- Table 2 - Summary of Significant Scope Expansions for the Unit 3 Cycle 12 (U3C12) Refueling Outage
- Table 3 - List of Nondestructive Examination (NDE) Techniques Utilized for Each Degradation Mechanism for the U3C12 Refueling Outage
- Table 4 - Number of Tubes Repaired and Active Degradation Mechanisms Found During the U3C12 Refueling Outage
- Table 5 - Summary of Results of In-Situ Pressure and Leak Testing for the U3C12 Refueling Outage
- Table 6 - U3C12 Refueling Outage Tubes Plugged, Steam Generator E-088
- Table 7 - U3C12 Refueling Outage Tubes Plugged, Steam Generator E-089

- Appendix 1 - Steam Generator Reference Information

- Appendix 2 - Legend for Appendices 3 and 4

- Appendix 3 - Inspection Summary, Steam Generator E-088

- Appendix 4 - Inspection Summary, Steam Generator E-089

**TABLE 1 - Summary of the Planned Inspection Program for the
Unit 3 Cycle 12 (U3C12) Refueling Outage**

	Number of Tubes/Percentage of Tubes Steam Generator	
	E-088	E-089
	Full length of tube with the Bobbin Probe (excluding U-bends for Rows 1-3)	8764 / 100%
Hot leg expansion transition at the top-of-tubesheet with the Plus-Point Probe	8764 / 100%	8828 / 100%
Cold leg expansion transition at the top-of-tubesheet with the Plus-Point Probe	2697 / 30%	2638 / 29%
U-bend regions of Rows 1, 2, and 3 with mid-range frequency Plus-Point Probes	187 / 100%	174 / 100%
U-bend regions of Rows 1, 2, and 3 with high-range frequency Plus-Point Probes	187 / 100%	174 / 100%
Plus-Point Probe examinations of tube support intersections with dents greater than, or equal to, 2 volts	315 / 100%	353 / 100%
Plus-Point Probe dings greater than, or equal to, 4 volts	376 / 100%	493 / 100%
Plus-Point Probe examination of all tube support intersections with quantified wear indications by the bobbin probe	948 / 100%	795 / 100%

**TABLE 2 - Summary of Significant Scope Expansions for the
Unit 3 Cycle 12 (U3C12) Refueling Outage**

	Number of Tubes/Percentage of Tubes Steam Generator	
	E-088	E-089
	U-bend regions of Row 4 with mid-range frequency Plus-Point Probes	64 / 100%
U-bend regions of Row 4 with high-range frequency Plus-Point Probes	64 / 100%	64 / 100%

TABLE 3 – List of Nondestructive Examination (NDE) Techniques Utilized for Each Degradation Mechanism for the U3C12 Refueling Outage

Indication Orientation/Location	Probe Type for	
	Detection	Characterization
Axially oriented ID (initiated on the inside-diameter of the tubing wall) indications at U-bends	Plus Point	Plus Point
Axially oriented OD (initiated on the outside-diameter of the tubing wall) indications not associated with a tube support (freespan)	Bobbin	Plus Point
Circumferentially oriented ID indications near or below the expansion transition at the top of the hot leg tubesheet	Plus Point	Plus Point
Circumferentially oriented OD indications near the expansion transition at the top of the hot leg tubesheet	Plus Point	Plus Point
Axially oriented ID indications near or below the expansion transition at the top of the hot leg tubesheet	Plus Point	Plus Point
Axially oriented ID indications below the hot leg top-of-tubesheet	Bobbin	Plus Point
Axially oriented OD indications in the sludge pile region near the top of the hot leg tubesheet	Plus Point	Plus Point
Indications of wear at tube support locations	Bobbin	Plus Point
Volumetric indications	Bobbin or Plus Point	Plus Point
Miscellaneous preventative plugging	Bobbin or Plus Point	Plus Point

TABLE 4 – Number of Tubes Repaired and Active Degradation Mechanisms Found During the U3C12 Refueling Outage

	Indication Orientation/Location	Steam Generator	
		E-088	E-089
1	Tubes with axially oriented ID (initiated on the inside-diameter of the tubing wall) indications at U-bends (ID Axial @ U-bends)	1	0
2	Tubes with axially oriented OD indications not associated with a tube support (freespan) (OD Axial @ Freespan)	4	1
3	Tubes with circumferentially oriented ID indications near the expansion transition at the top of the hot leg tubesheet (ID Circ @ TSH)	6	2
4	Tubes with circumferentially oriented OD indications near the expansion transition at the top of the hot leg tubesheet (OD Circ @ TSH)	1	2
5	Tubes with axially oriented OD indications in the sludge pile region near the top of the hot leg tubesheet (OD Axial @ Sludge Pile TSH)	0	1
6	Tubes with axially oriented ID indications below the inlet top-of-tubesheet (ID Axial below TSH)	7	2
7	Tubes with circumferentially oriented ID indications below the inlet top-of-tubesheet (ID Circ below TSH)	2	1
8	Tubes with indications of wear at tube support locations (Wear @ Support)	45	58
9	Tubes with volumetric indications (OD Vol @ Miscellaneous)	2	0
10	Miscellaneous preventative plugging (not an active degradation mechanism) (Prevent @ Miscellaneous)	4	0
	Total	72	67

TABLE 5 – Summary of Results of In-situ Pressure and Leak Testing for the U3C12 Refueling Outage

Steam Generator E-088

TUBE AND EDDY CURRENT INFORMATION										IN-SITU TEST RESULTS			
REGION	TUBE INFORMATION			PLUS POINT DATA					COMMENTS	GPM @ NODP	GPM @ MSLB	GPM @ NODP POST MSLB	PRESSURE 3xNODP
	ROW	COL	LOCATION	LENGTH	VOLTS	Max. Depth	PDA or Avg. Depth	ORIENTATION					
U-BEND	3	1	DBH + 8 69	0 89	1.12	75	58.5 (AD)	ID AXIAL		0	0	0	4800

Steam Generator E-089

TUBE AND EDDY CURRENT INFORMATION										IN-SITU TEST RESULTS			
REGION	TUBE INFORMATION			PLUS POINT DATA					COMMENTS	GPM @ NODP	GPM @ MSLB	GPM @ NODP POST MSLB	PRESSURE 3xNODP
	ROW	COL	LOCATION	LENGTH	VOLTS	Max. Depth	PDA or Avg. Depth	ORIENTATION					
TUBESHEET	31	123	TSH - 7 37	0 65	2 08	90%	58.7% (AD)	ID CIRC		0	0	0	4800
SUPPORT	54	90	DBC+1.89	4 07	3 03	68%	43.1% (AD)	OD VOL		0	0	0	4800

NOTES:

- GPM = Gallons per Minute
- NODP = Normal Operation Differential Pressure
- MSLB = Main Steam Line Break Pressure Differential
- OD = Degradation initiated on the outside diameter of the tubing
- ID = Degradation initiated on the inside diameter of the tubing
- PDA = Percent degraded area

**TABLE 6 – SONGS U3C12 Refueling Outage Tubes Plugged
STEAM GENERATOR E-088**

Row	Column	Reason for Plugging Tube (per Table 4)
3	1	ID Axial @ U-bend
31	5	Prevent @ Miscellaneous
1	9	Prevent @ Miscellaneous
68	18	ID Circ @ TSH
71	31	OD Axial @ Freespan
81	43	Wear @ Support
113	49	OD Vol @ Miscellaneous
34	54	OD Axial @ Freespan
118	54	Wear @ Support
103	55	OD Circ @ TSH
1	63	Prevent @ Miscellaneous
141	65	Wear @ Support
36	66	ID Axial below TSH
142	66	Wear @ Support
24	68	Wear @ Support
36	70	ID Axial below TSH
98	70	Wear @ Support
34	72	Wear @ Support
44	72	Wear @ Support
33	73	Wear @ Support
40	74	Wear @ Support
96	74	OD Axial @ Freespan
145	75	Wear @ Support
144	78	Wear @ Support
46	80	Wear @ Support
50	80	Wear @ Support
62	80	ID Circ @ TSH
102	80	Prevent @ Miscellaneous
49	81	Wear @ Support
59	83	Wear @ Support
59	85	Wear @ Support

**TABLE 6 (CONT.) – SONGS U3C12 Refueling Outage Tubes Plugged
STEAM GENERATOR E-088**

Row	Column	Reason for Plugging Tube (per Table 4)
50	88	Wear @ Support
84	88	Wear @ Support
61	89	Wear @ Support
65	89	Wear @ Support
54	90	Wear @ Support
62	90	Wear @ Support
146	90	Wear @ Support
51	91	Wear @ Support
59	91	Wear @ Support
61	91	Wear @ Support
54	92	Wear @ Support
56	92	Wear @ Support
55	93	Wear @ Support
61	93	Wear @ Support
54	94	Wear @ Support
147	95	Wear @ Support
53	97	ID Axial below TSH
146	98	Wear @ Support
48	100	Wear @ Support
41	101	Wear @ Support
33	103	Wear @ Support
37	103	Wear @ Support
39	103	Wear @ Support
103	103	OD Axial @ Freespan
144	104	Wear @ Support
22	108	Wear @ Support
37	109	ID Axial below TSH
49	109	ID Axial below TSH
32	110	ID Axial below TSH
126	110	Wear @ Support
37	111	ID Axial below TSH
49	113	ID Circ @ TSH

**TABLE 6 (CONT.) – SONGS U3C12 Refueling Outage Tubes Plugged
STEAM GENERATOR E-088**

Row	Column	Reason for Plugging Tube (per Table 4)
8	122	ID Circ below TSH
68	128	OD Vol @ Miscellaneous
11	129	ID Circ @ TSH
10	132	ID Circ @ TSH
10	136	ID Circ @ TSH
94	138	ID Circ below TSH
73	143	Wear @ Support
36	146	Wear @ Support
47	151	Wear @ Support

**TABLE 7 – SONGS U3C12 Refueling Outage Tubes Plugged
STEAM GENERATOR E-089**

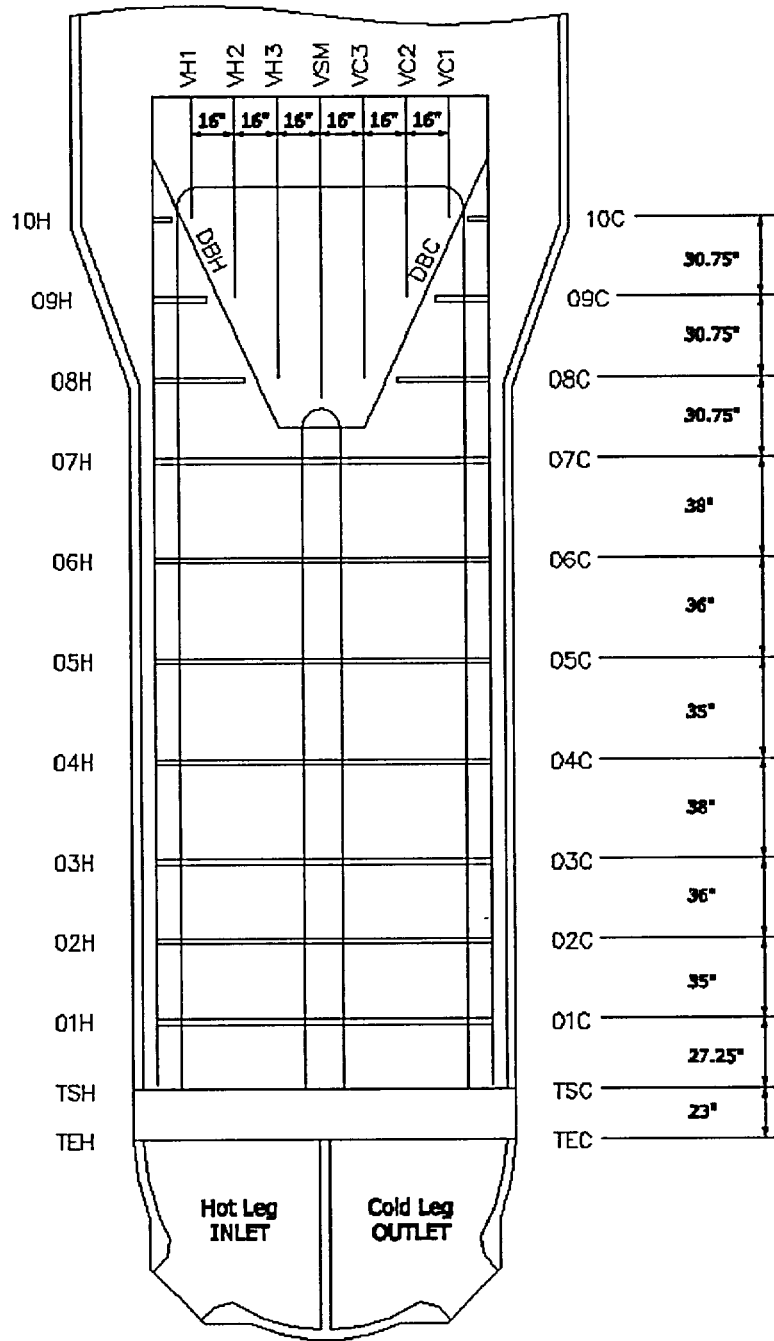
Row	Column	Reason for Plugging Tube (per Table 4)
50	22	Wear @ Support
41	31	Wear @ Support
31	41	ID Circ @ TSH
119	57	OD Axial @ Freespan
126	64	Wear @ Support
142	66	Wear @ Support
42	68	Wear @ Support
31	71	Wear @ Support
37	71	Wear @ Support
32	72	Wear @ Support
34	72	Wear @ Support
38	72	Wear @ Support
144	72	Wear @ Support
43	73	Wear @ Support
45	73	Wear @ Support
144	74	Wear @ Support
47	75	Wear @ Support
49	75	Wear @ Support
101	75	ID Circ @ TSH
53	77	Wear @ Support
46	78	Wear @ Support
126	78	Wear @ Support
146	78	Wear @ Support
79	81	Wear @ Support
52	82	Wear @ Support
146	82	Wear @ Support
53	83	Wear @ Support
59	85	Wear @ Support
54	88	Wear @ Support
54	90	Wear @ Support
56	90	Wear @ Support
97	91	Wear @ Support
54	92	Wear @ Support
79	93	Wear @ Support

**TABLE 7 (CONT.) – SONGS U3C12 Refueling Outage Tubes Plugged
STEAM GENERATOR E-089**

Row	Column	Reason for Plugging Tube (per Table 4)
58	94	Wear @ Support
59	95	Wear @ Support
54	96	Wear @ Support
144	96	Wear @ Support
146	96	Wear @ Support
67	97	OD Axial @ Sludge Pile TSH
49	99	Wear @ Support
46	100	Wear @ Support
54	100	Wear @ Support
43	101	Wear @ Support
45	101	Wear @ Support
38	102	Wear @ Support
37	103	Wear @ Support
43	103	Wear @ Support
34	104	Wear @ Support
130	110	Wear @ Support
31	111	ID Axial below TSH
126	112	Wear @ Support
27	113	ID Axial below TSH
82	116	Wear @ Support
43	117	Wear @ Support
41	119	Wear @ Support
121	119	Wear @ Support
31	123	ID Circ below TSH
52	124	Wear @ Support
70	124	Wear @ Support
47	125	Wear @ Support
30	126	OD Circ @ TSH
34	128	OD Circ @ TSH
45	135	Wear @ Support
114	140	Wear @ Support
47	147	Wear @ Support
40	156	Wear @ Support

Appendix 1
Steam Generator Reference Information

**Steam Generator
CE Model 3410 Tube Support Drawing**



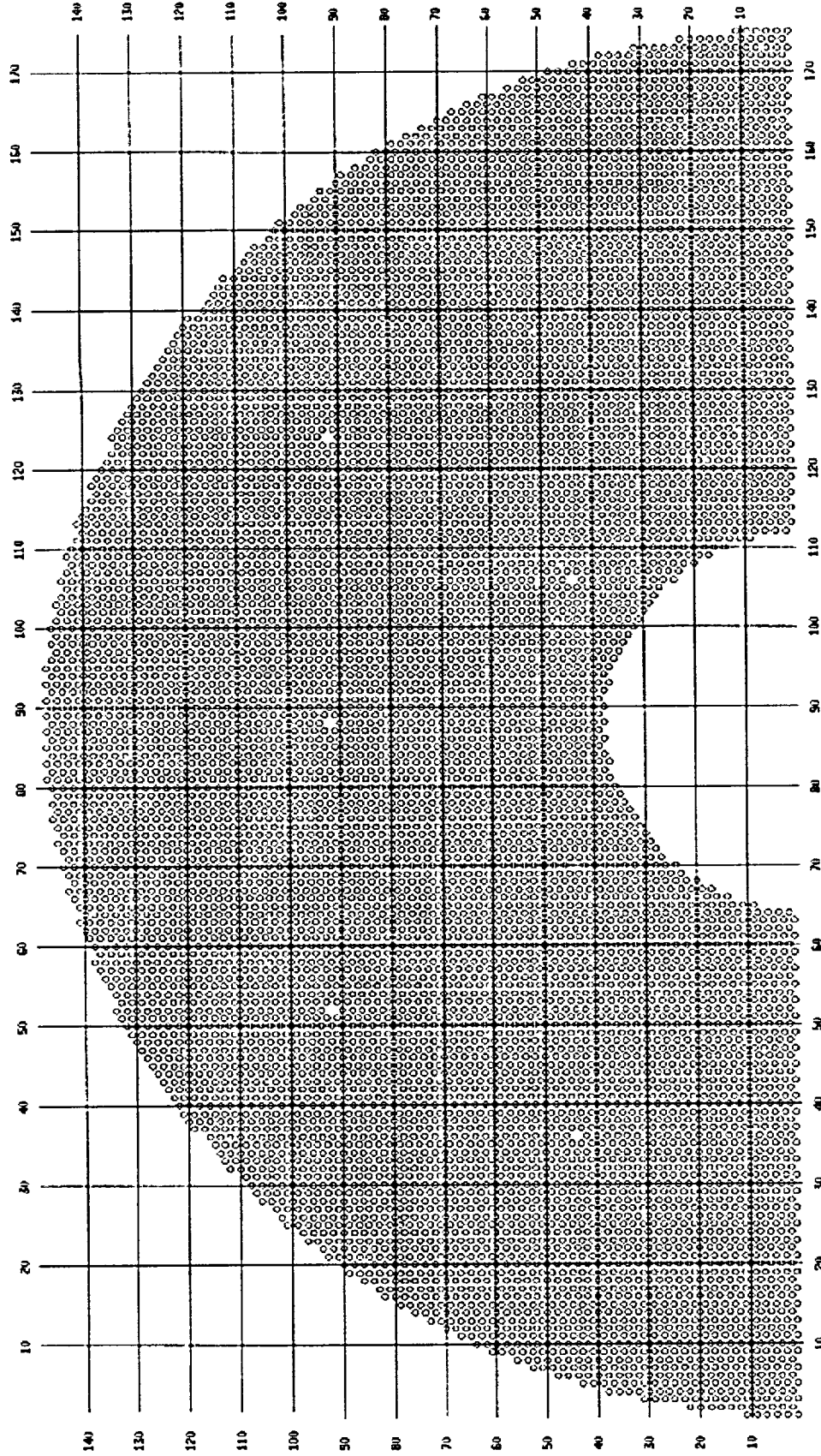
**STEAM GENERATOR TUBE SUPPORT INTERSECTIONS
ABOVE THE 7TH (FULL) EGGCRATE SUPPORT**

SUPPORT INTERSECTIONS															
ROW	STRUCTURES														
122-147	08H	09H	10H	DBH	VH1	VH2	VH3	VSM	VC3	VC2	VC1	DBC	10C	09C	08C
120-121*	08H	09H	10H	DBH	VH1	VH2	VH3	VSM	VC3	VC2	VC1	DBC	10C	09C	08C
115-119	08H	09H		DBH	VH1	VH2	VH3	VSM	VC3	VC2	VC1	DBC		09C	08C
86-114	08H	09H		DBH		VH2	VH3	VSM	VC3	VC2		DBC		09C	08C
84-85*	08H	09H		DBH		VH2	VH3	VSM	VC3	VC2		DBC		09C	08C
83	08H			DBH		VH2	VH3	VSM	VC3	VC2		DBC			08C
51-82	08H			DBH			VH3	VSM	VC3			DBC			08C
49-50*	08H			DBH				VSM				DBC			08C
19-48				DBH				VSM				DBC			
1-18				DBH								DBC			

* Indicates those rows adjacent to scallop bars

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CE MODEL 3410 STEAM GENERATOR



Appendix 2

Legend for Appendices 3 and 4

List of Abbreviations and Format Used to Describe Indications from Rotating Probe Testing

"I-Code" Abbreviations	Explanation of the Abbreviations
SCI	Single Circumferential Indication
MCI	Multiple Circumferential Indications
SAI	Single Axial Indication
MAI	Multiple Axial Indications
MMI	Mixed Mode Indications
SVI	Single Volumetric Indication (i.e. no special axial or circumferential aspect)
MVI	Multiple Volumetric Indications (i.e. no special axial or circumferential aspect)

Format

In Appendices 3 and 4, a single line of data is associated with each individual rotating probe indication. Below is a descriptive example of the format.

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2
4	12	+P VOLTS	+P DEG	CH#	CODE	%	LOCATION	EXT	EXT	PAN VOLTS	INCHES

- All "I-Code" indications require a single line entry. The example above displays the form of a Resolution Report line. The VOLTS field contains the Plus-Point P-to-P voltage of the largest, most representative response. The DEG field contains the corresponding phase angle. The CHN field contains the reporting channel (i.e. the appropriate 300kHz Plus-Point channel). The IND field contains the appropriate 3-letter code (see list above). The %TW field indicates the percent wall loss for wear indications. The LOCATION field contains the abbreviation for the referenced landmark and the (FROM-TO) distance for the indication. The EXT fields contain the landmarks of the beginning and end of the test extent. The UTIL 1 field contains the 300kHz pancake P-to-P voltage of the largest, most representative response. The UTIL 2 field was used to document the actual inspection distance below the hot leg top-of-tubesheet for applicable inspections. Exceptions to this general guidance are provided in paragraphs 2 through 4 below.
- For axial indications of extended length, the location should be ranged (FROM-TO) in the LOCATION field. If the range of such an indication includes any part of a support structure, it should be referenced from that landmark.
- For "I-Code" indications which have both axial and circumferential extent (i.e. SVI, MVI, and MMI), the location should be ranged in the LOCATION field (as above) and the UTIL 2 field should contain the circumferential length.
- Some data lines contain a note abbreviation in the Util 1 column. These are the definitions of these abbreviations:
NEW: Result of re-analysis of the data
LAR: Lead Analyst Reviewed
LOCOK: Location Verification

Appendix 3
Inspection Summary
Steam Generator E-088

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	UTIL	2	CAL	#	LEG	PROBE
1	113	0.40	132	P	2	TWD	18 04H	+0.75	DBH	TEH	LAR	4	HOT			600UL
3	1	1.12	21	5	SAI	DBH		+8.69	07H	07C	LAR	89	COLD			5002P
4	146	0.26	79	P	2	TWD	10 02H	-0.90	TEH	TEC		30	COLD			600UL
5	147	0.33	54	P	2	TWD	13 07H	+0.93	TEH	TEC		40	COLD			600UL
		0.33	54	P	2	TWD	13 07H	+0.93	TEH	TEC		40	COLD			600UL
7	1	0.30	52	P	2	TWD	13 DBC	+0.62	TEH	TEC		56	COLD			600UL
		0.29	51	P	2	TWD	13 DBC	+0.62	TEH	TEC		56	COLD			600UL
7	175	0.33	143	P	2	TWD	19 01C	-0.84	TEH	TEC		41	COLD			600UL
8	122	0.31	19	P	1	SCI	TSH	-8.95	TSH	TSH	.51	10.48	56	HOT		580PP
		0.23	20	P	1	SCI	TSH	-0.82	TSH	TSH	.52		56	HOT		580PP
		0.51	22	P	1	MCI	TSH	-5.57	TSH	TSH	.57		56	HOT		580PP
10	132	0.38	33	P	1	SCI	TSH	-0.12	TSH	TSH	0.0	9.10	18	HOT		580PP
		0.30	16	P	1	SCI	TSH	-2.99	TSH	TSH	0.0		18	HOT		580PP
		0.32	20	P	1	SCI	TSH	-6.98	TSH	TSH	0.0		18	HOT		580PP
		0.44	23	P	1	SCI	TSH	-7.32	TSH	TSH	.74		18	HOT		580PP
10	136	0.53	25	P	1	MCI	TSH	-0.01	TSH	TSH	1.76	9.06	23	HOT		580PP
11	129	0.50	23	P	1	SCI	TSH	-0.10	TSH	TSH	0.22	8.74	46	HOT		580PP
14	128	0.36	67	P	2	TWD	15 02H	-1.18	TEH	TEC		60	COLD			600UL
14	174	1.11	135	P	2	TWD	29 01C	-0.51	TEH	TEC		38	COLD			600UL
15	121	0.46	63	P	2	TWD	17 07H	-1.03	TEH	TEC		46	COLD			600UL
		0.46	63	P	2	TWD	17 07H	-1.03	TEH	TEC		46	COLD			600UL
17	67	0.31	49	P	2	TWD	13 DBH	+1.97	TEH	TEC	NEW	25	COLD			600UL
17	109	0.24	63	P	2	TWD	11 DBC	-1.81	TEH	TEC	NEW	49	COLD			600UL
17	173	0.60	132	P	2	TWD	17 01C	-0.84	TEH	TEC		39	COLD			600UL
22	18	0.25	82	P	2	TWD	12 VSM	-1.21	TEC	TEH		85	HOT			600UL
		0.25	88	P	2	TWD	12 VSM	-1.21	TEC	TEH		85	HOT			600UL
22	108	1.44	120	P	2	TWD	34 DBC	-1.57	TEH	TEC		48	COLD			600UL
		1.44	120	P	2	TWD	34 DBC	-1.57	TEH	TEC		48	COLD			600UL
23	123	0.41	119	P	2	TWD	15 07H	+0.30	TEH	TEC		61	COLD			600UL
		0.41	119	P	2	TWD	15 07H	+0.30	TEH	TEC		61	COLD			600UL
23	127	0.32	146	P	2	TWD	14 06H	+0.40	TEH	TEC		60	COLD			600UL
23	145	0.38	102	P	2	TWD	15 VSM	-0.91	TEH	TEC		33	COLD			600UL
		0.38	102	P	2	TWD	15 VSM	-0.91	TEH	TEC		33	COLD			600UL
23	153	0.40	72	P	2	TWD	18 VSM	-0.83	TEH	TEC		32	COLD			600UL
		0.41	64	P	2	TWD	18 VSM	-0.83	TEH	TEC		32	COLD			600UL
24	68	0.34	72	P	2	TWD	13 DBH	-1.55	TEH	TEC	NEW	24	COLD			600UL
		0.55	108	P	6	TWD	26 DBH	-1.55	DBH	DBH	LAR	131	COLD			580FH
24	108	0.58	124	P	2	TWD	22 VSM	-0.89	TEH	TEC		49	COLD			600UL
		0.14	130	P	2	TWD	7 DBC	+1.57	TEH	TEC		49	COLD			600UL
		0.58	124	P	2	TWD	22 VSM	-0.89	TEH	TEC		49	COLD			600UL
		0.16	102	P	2	TWD	7 DBC	+1.57	TEH	TEC		49	COLD			600UL
24	118	0.49	87	P	2	TWD	18 01H	+0.88	TEH	TEC		46	COLD			600UL
24	126	0.47	125	P	2	TWD	15 07H	+0.78	TEH	TEC		44	COLD			600UL
		0.47	130	P	2	TWD	15 07H	+0.78	TEH	TEC		44	COLD			600UL
25	39	0.24	125	P	2	TWD	12 VSM	+0.72	TEC	TEH		94	HOT			600UL
		0.24	124	P	2	TWD	12 VSM	+0.72	TEC	TEH		94	HOT			600UL
28	10	0.22	55	P	2	TWD	11 DBC	+2.25	TEC	TEH		81	HOT			600UL
		0.22	55	P	2	TWD	11 DBC	+2.25	TEC	TEH		81	HOT			600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
28	54	0.32	115	P 2	TWD 12	06H	+0.10	TEH	TEC					26		COLD	600UL
28	122	0.42	92	P 2	TWD 16	01H	+0.90	TEH	TEC					62		COLD	600UL
28	172	0.61	101	P 2	TWD 18	01C	+0.10	TEH	TEC					39		COLD	600UL
29	13	0.35	135	P 2	TWD 16	DBH	+0.75	TEC	TEH	NEW				80		HOT	600UL
29	107	0.43	148	P 2	TWD 16	DBH	-1.60	TEH	TEC					48		COLD	600UL
		0.43	148	P 2	TWD 16	DBH	-1.60	TEH	TEC					48		COLD	600UL
30	126	0.39	41	P 2	TWD 17	02H	-1.24	TEH	TEC					60		COLD	600UL
30	166	0.26	19	P 2	TWD 10	DBH	+1.83	TEH	TEC					36		COLD	600UL
		0.26	19	P 2	TWD 10	DBH	+1.83	TEH	TEC					36		COLD	600UL
30	172	0.44	43	P 2	TWD 16	06H	+0.95	TEH	TEC					38		COLD	600UL
31	39	0.27	125	P 2	TWD 12	07H	+0.60	TEC	TEH					93		HOT	600UL
		0.27	125	P 2	TWD 10	07H	+0.60	TEC	TEH					93		HOT	600UL
31	161	0.30	162	P 2	TWD 11	DBH	+1.75	TEH	TEC					36		COLD	600UL
		0.29	163	P 2	TWD 11	DBH	+1.75	TEH	TEC					36		COLD	600UL
31	167	0.48	148	P 2	TWD 14	DBH	+0.90	TEH	TEC	NEW				39		COLD	600UL
32	42	0.27	74	P 2	TWD 11	07H	+0.72	TEC	TEH					95		HOT	600UL
		0.31	102	P 2	TWD 12	07H	+0.72	TEC	TEH					95		HOT	600UL
32	106	0.35	142	P 2	TWD 13	04C	+0.90	TEH	TEC					48		COLD	600UL
32	110	0.38	18	2	SAI	TSH	-0.61	TSH	TSH	.71				56		HOT	580PP
		0.69	18	2	MAI	TSH	-1.53	TSH	TSH	.57	8.89			56		HOT	580PP
32	124	0.56	136	P 2	TWD 18	VSM	-0.88	TEH	TEC					44		COLD	600UL
		0.56	137	P 2	TWD 18	VSM	-0.88	TEH	TEC					44		COLD	600UL
33	43	0.20	107	P 2	TWD 8	07H	+0.72	TEC	TEH					95		HOT	600UL
		0.20	107	P 2	TWD 8	07H	+0.72	TEC	TEH					95		HOT	600UL
33	73	1.12	105	P 2	TWD 31	DBC	-2.06	TEH	TEC					22		COLD	600UL
		1.40	99	P 6	TWD 50	DBC	-2.08	DBC	DBC	LAR				130		COLD	580FH
		1.17	107	P 2	TWD 32	DBC	-2.06	TEH	TEC					22		COLD	600UL
33	103	1.09	107	P 2	TWD 30	DBH	+1.84	TEH	TEC					48		COLD	600UL
		0.45	129	P 2	TWD 16	DBC	+1.47	TEH	TEC					48		COLD	600UL
		0.47	138	P 2	TWD 17	DBC	+1.47	TEH	TEC					48		COLD	600UL
		1.09	107	P 2	TWD 30	DBH	+1.84	TEH	TEC					48		COLD	600UL
33	125	0.39	64	P 2	TWD 17	02H	-1.14	TEH	TEC					60		COLD	600UL
34	54	0.11	101	2	SAI	02H	-2.31	02H	02H	0.35				129		HOT	580PP
34	72	0.79	87	P 2	TWD 25	DBH	-1.96	TEH	TEC					22		COLD	600UL
		0.78	86	P 2	TWD 26	DBH	-1.96	TEH	TEC					22		COLD	600UL
34	108	0.27	121	P 2	TWD 11	07H	-0.12	TEH	TEC					48		COLD	600UL
		0.32	77	P 2	TWD 12	07H	-0.12	TEH	TEC					48		COLD	600UL
34	112	0.32	47	P 2	TWD 14	VSM	+0.81	TEH	TEC					49		COLD	600UL
		0.31	47	P 2	TWD 14	VSM	+0.81	TEH	TEC					49		COLD	600UL
34	128	0.28	130	P 2	TWD 12	VSM	+0.79	TEH	TEC	NEW				60		COLD	600UL
34	172	0.72	89	P 2	TWD 23	VSM	+0.76	TEH	TEC					38		COLD	600UL
		0.72	90	P 2	TWD 22	VSM	+0.76	TEH	TEC					38		COLD	600UL
35	7	0.28	61	P 2	TWD 13	VSM	-1.11	TEC	TEH					81		HOT	600UL
		0.28	51	P 2	TWD 13	VSM	-1.11	TEC	TEH					81		HOT	600UL
35	53	0.33	87	P 2	TWD 15	VSM	-0.70	TEH	TEC	NEW				27		COLD	600UL
35	107	0.28	152	P 2	TWD 13	VSM	+0.00	TEH	TEC					49		COLD	600UL
		0.35	143	P 2	TWD 15	VSM	-0.66	TEH	TEC					49		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.35	143	P 2	TWD	15	VSM	-0.66	TEH	TEC				49		COLD	600UL
		0.28	152	P 2	TWD	13	VSM	+0.00	TEH	TEC				49		COLD	600UL
35	121	0.35	133	P 2	TWD	13	05H	+0.79	TEH	TEC				46		COLD	600UL
35	125	0.31	158	P 2	TWD	11	VSM	-0.80	TEH	TEC				44		COLD	600UL
		0.51	128	P 2	TWD	17	VSM	+0.87	TEH	TEC				44		COLD	600UL
		0.34	161	P 2	TWD	12	VSM	-0.80	TEH	TEC				44		COLD	600UL
		0.51	130	P 2	TWD	17	VSM	+0.87	TEH	TEC				44		COLD	600UL
36	30	0.39	156	P 2	TWD	17	VSM	-0.70	TEC	TEH				88		HOT	600UL
		0.38	155	P 2	TWD	17	VSM	-0.70	TEC	TEH				88		HOT	600UL
36	46	0.35	121	P 2	TWD	14	VSM	+0.63	TEC	TEH				95		HOT	600UL
		0.25	34	P 2	TWD	11	VSM	-0.58	TEC	TEH				95		HOT	600UL
		0.30	127	P 2	TWD	12	07H	-0.38	TEC	TEH				95		HOT	600UL
		0.36	122	P 2	TWD	14	VSM	+0.63	TEC	TEH				95		HOT	600UL
		0.26	36	P 2	TWD	10	VSM	-0.58	TEC	TEH				95		HOT	600UL
		0.30	127	P 2	TWD	12	07H	-0.38	TEC	TEH				95		HOT	600UL
36	50	0.25	157	P 2	TWD	9	07H	+0.96	TEH	TEC				26		COLD	600UL
		0.43	42	P 2	TWD	15	07H	+0.43	TEH	TEC				26		COLD	600UL
		0.43	42	P 2	TWD	15	07H	+0.43	TEH	TEC				26		COLD	600UL
		0.24	159	P 2	TWD	9	07H	+0.96	TEH	TEC				26		COLD	600UL
36	52	0.30	44	P 2	TWD	13	06H	+0.43	TEH	TEC				27		COLD	600UL
36	66	0.62	16	2	MAI		TSH	-5.08	TO-1.34	TSH	TSH	0.74	8.24	102		HOT	580PP
		0.79	113	P 2	TWD	24	VSM	-0.94	TEH	TEC				24		COLD	600UL
		0.79	116	P 2	TWD	25	VSM	-0.94	TEH	TEC				24		COLD	600UL
36	70	0.37	16	2	SAI		TSH	-2.91	TSH	TSH	0.54	9.31	101		HOT	580PP	
		0.41	21	2	SAI		TSH	-2.55	TSH	TSH	0.46		101		HOT	580PP	
36	108	0.46	123	P 2	TWD	19	VSM	-0.14	TEH	TEC				49		COLD	600UL
		0.52	107	P 2	TWD	21	VSM	-0.72	TEH	TEC				49		COLD	600UL
		0.52	107	P 2	TWD	20	VSM	-0.72	TEH	TEC				49		COLD	600UL
		0.42	113	P 2	TWD	17	VSM	-0.14	TEH	TEC				49		COLD	600UL
36	112	0.76	143	P 2	TWD	24	VSM	+0.66	TEH	TEC				48		COLD	600UL
		0.28	135	P 2	TWD	11	VSM	-0.70	TEH	TEC				48		COLD	600UL
		0.28	126	P 2	TWD	11	VSM	-0.70	TEH	TEC				48		COLD	600UL
		0.76	143	P 2	TWD	24	VSM	+0.66	TEH	TEC				48		COLD	600UL
36	146	1.28	123	P 2	TWD	35	VSM	+0.81	TEH	TEC				32		COLD	600UL
		1.26	130	P 2	TWD	34	VSM	+0.81	TEH	TEC				32		COLD	600UL
37	43	0.55	67	P 2	TWD	20	VSM	+0.67	TEC	TEH				95		HOT	600UL
		0.55	72	P 2	TWD	19	VSM	+0.67	TEC	TEH				95		HOT	600UL
37	51	0.44	58	P 2	TWD	19	07H	+0.43	TEH	TEC				27		COLD	600UL
		0.44	58	P 2	TWD	19	07H	+0.43	TEH	TEC				27		COLD	600UL
37	57	0.37	143	P 2	TWD	16	VSM	-0.02	TEH	TEC				27		COLD	600UL
		0.37	143	P 2	TWD	16	VSM	-0.02	TEH	TEC				27		COLD	600UL
37	103	0.54	140	P 2	TWD	21	VSM	-0.84	TEH	TEC				49		COLD	600UL
		0.54	140	P 2	TWD	21	VSM	-0.84	TEH	TEC				49		COLD	600UL
		1.41	27	P 2	TWD	36	DBH	+1.72	TEH	TEC	NEW			49		COLD	600UL
37	105	0.31	71	P 2	TWD	12	DBH	+1.63	TEH	TEC	NEW			48		COLD	600UL
37	109	0.39	17	2	SAI		TSH	-2.21	TSH	TSH	.21			56		HOT	580PP
		0.57	20	2	SAI		TSH	-2.81	TSH	TSH	.79	8.74		56		HOT	580PP
37	111	0.85	24	2	MAI		TSH	-5.04	TO-1.19	TSH	TSH	1.32	8.87	57		HOT	580PP
37	127	0.52	102	P 2	TWD	17	VSM	-0.93	TEH	TEC	NEW			44		COLD	600UL
37	143	0.56	96	P 2	TWD	19	01H	+0.82	TEH	TEC				33		COLD	600UL
37	147	0.32	116	P 2	TWD	16	VSM	+0.81	TEH	TEC				32		COLD	600UL
		0.32	116	P 2	TWD	16	VSM	+0.81	TEH	TEC				32		COLD	600UL
38	104	0.25	52	P 2	TWD	12	DBH	-1.73	TEH	TEC	NEW			49		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
38	106	0.17	54	P 2	TWD 8	VSM	-0.07	TEH	TEC					49		COLD	600UL
		0.17	54	P 2	TWD 8	VSM	-0.07	TEH	TEC					49		COLD	600UL
		0.34	100	P 2	TWD 15	VSM	+0.94	TEH	TEC					49		COLD	600UL
		0.36	98	P 2	TWD 15	VSM	+0.94	TEH	TEC					49		COLD	600UL
38	170	0.27	89	P 2	TWD 11	01H	-0.09	TEH	TEC					38		COLD	600UL
39	53	0.34	143	P 2	TWD 15	VSM	+0.67	TEH	TEC	NEW				27		COLD	600UL
39	65	0.35	128	P 2	TWD 14	VSM	+0.89	TEH	TEC					25		COLD	600UL
		0.35	133	P 2	TWD 14	VSM	+0.89	TEH	TEC					25		COLD	600UL
39	67	0.46	102	P 2	TWD 17	VSM	-0.64	TEH	TEC					25		COLD	600UL
		0.43	107	P 2	TWD 16	VSM	+0.80	TEH	TEC					25		COLD	600UL
		0.46	102	P 2	TWD 17	VSM	-0.64	TEH	TEC					25		COLD	600UL
		0.44	108	P 2	TWD 17	VSM	+0.80	TEH	TEC					25		COLD	600UL
39	103	0.80	88	P 2	TWD 25	DBH	+1.87	TEH	TEC	NEW				48		COLD	600UL
39	131	0.38	106	P 2	TWD 15	VSM	+0.27	TEH	TEC					34		COLD	600UL
39	153	0.40	146	P 2	TWD 13	VSM	+1.08	TEH	TEC					37		COLD	600UL
		0.38	144	P 2	TWD 14	VSM	+1.08	TEH	TEC					37		COLD	600UL
40	38	0.42	112	P 2	TWD 17	VSM	+0.73	TEC	TEH					93		HOT	600UL
		0.29	138	P 2	TWD 13	VSM	-0.82	TEC	TEH					93		HOT	600UL
		0.42	112	P 2	TWD 17	VSM	+0.73	TEC	TEH					93		HOT	600UL
		0.24	124	P 2	TWD 11	VSM	-0.82	TEC	TEH					93		HOT	600UL
40	62	0.54	119	P 2	TWD 20	VSM	+0.71	TEH	TEC					25		COLD	600UL
		0.54	119	P 2	TWD 20	VSM	+0.71	TEH	TEC					25		COLD	600UL
40	68	0.97	63	P 2	TWD 28	VSM	+0.75	TEH	TEC					24		COLD	600UL
		0.42	146	P 2	TWD 16	VSM	-0.81	TEH	TEC					24		COLD	600UL
		1.00	69	P 2	TWD 28	VSM	+0.75	TEH	TEC					24		COLD	600UL
		0.42	143	P 2	TWD 16	VSM	-0.81	TEH	TEC					24		COLD	600UL
40	74	0.86	96	P 2	TWD 28	DBC	+1.43	TEH	TEC					23		COLD	600UL
		0.36	121	P 2	TWD 16	VSM	+0.80	TEH	TEC					23		COLD	600UL
		0.36	124	P 2	TWD 16	VSM	+0.80	TEH	TEC					23		COLD	600UL
		0.86	96	P 2	TWD 28	DBC	+1.43	TEH	TEC					23		COLD	600UL
40	104	0.56	156	P 2	TWD 19	VSM	+0.88	TEH	TEC					48		COLD	600UL
		0.56	158	P 2	TWD 19	VSM	+0.88	TEH	TEC					48		COLD	600UL
40	122	0.31	105	P 2	TWD 12	07H	-0.42	TEH	TEC					62		COLD	600UL
		0.31	105	P 2	TWD 12	07H	-0.42	TEH	TEC					62		COLD	600UL
41	73	0.39	115	P 2	TWD 16	DBH	-1.54	TEH	TEC					23		COLD	600UL
		0.39	124	P 2	TWD 16	DBH	-1.54	TEH	TEC					23		COLD	600UL
41	101	0.68	77	P 2	TWD 24	DBH	-2.19	TEC	TEH					90		HOT	600UL
		0.71	77	P 2	TWD 25	DBH	-2.19	TEC	TEH					90		HOT	600UL
41	129	0.59	21	P 2	TWD 22	DBH	+1.66	TEH	TEC					60		COLD	600UL
		0.59	21	P 2	TWD 22	DBH	+1.66	TEH	TEC					60		COLD	600UL
42	74	0.64	97	P 2	TWD 22	DBH	-1.76	TEH	TEC					22		COLD	600UL
		0.63	96	P 2	TWD 22	DBH	-1.76	TEH	TEC					22		COLD	600UL
42	124	0.31	93	P 2	TWD 12	01H	+0.78	TEH	TEC					61		COLD	600UL
42	128	0.36	103	P 2	TWD 16	01H	+0.72	TEH	TEC					60		COLD	600UL
43	5	0.59	109	P 2	TWD 23	04C	-0.13	TEC	TEH					80		HOT	600UL
43	9	0.21	56	P 2	TWD 11	VSM	-0.88	TEC	TEH					81		HOT	600UL
		0.21	56	P 2	TWD 11	VSM	-0.88	TEC	TEH					81		HOT	600UL
43	13	0.34	136	P 2	TWD 15	VSM	-0.83	TEC	TEH					81		HOT	600UL
		0.34	136	P 2	TWD 15	VSM	-0.83	TEC	TEH					81		HOT	600UL
43	21	0.28	126	P 2	TWD 13	VSM	+0.80	TEC	TEH					85		HOT	600UL
		0.28	126	P 2	TWD 13	VSM	+0.80	TEC	TEH					85		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
43	53	0.24	149	P 2	TWD 11		VSM	+0.02	TEH	TEC				27		COLD	600UL
		0.54	138	P 2	TWD 21		VSM	+0.83	TEH	TEC				27		COLD	600UL
		0.54	138	P 2	TWD 21		VSM	+0.83	TEH	TEC				27		COLD	600UL
		0.24	149	P 2	TWD 12		VSM	+0.02	TEH	TEC				27		COLD	600UL
43	133	0.29	46	P 2	TWD 15		02H	-1.18	TEH	TEC				32		COLD	600UL
43	149	0.61	70	P 2	TWD 24		VSM	+0.85	TEH	TEC				32		COLD	600UL
		0.61	70	P 2	TWD 24		VSM	+0.85	TEH	TEC				32		COLD	600UL
44	72	1.03	101	P 2	TWD 30		VSM	-0.77	TEH	TEC				22		COLD	600UL
		1.03	101	P 2	TWD 30		VSM	-0.77	TEH	TEC				22		COLD	600UL
44	74	0.30	44	P 2	TWD 13		DBH	-1.39	TEH	TEC				23		COLD	600UL
		0.20	128	P 2	TWD 10		DBC	+2.13	TEH	TEC	NEW			23		COLD	600UL
		0.33	65	P 2	TWD 14		DBH	-1.39	TEH	TEC				23		COLD	600UL
44	100	0.39	146	P 2	TWD 16		DBH	+1.62	TEC	TEH				90		HOT	600UL
		0.62	68	P 2	TWD 23		DBH	-1.71	TEC	TEH				90		HOT	600UL
		0.38	147	P 2	TWD 16		DBH	+1.62	TEC	TEH				90		HOT	600UL
		0.62	64	P 2	TWD 23		DBH	-1.71	TEC	TEH				90		HOT	600UL
44	108	0.51	119	P 2	TWD 20		VSM	-0.21	TEH	TEC				49		COLD	600UL
		0.59	121	P 2	TWD 22		VSM	-0.83	TEH	TEC				49		COLD	600UL
		0.59	123	P 2	TWD 22		VSM	-0.83	TEH	TEC				49		COLD	600UL
		0.52	115	P 2	TWD 20		VSM	-0.21	TEH	TEC				49		COLD	600UL
44	110	0.40	148	P 2	TWD 15		VSM	+0.82	TEH	TEC				48		COLD	600UL
		0.42	139	P 2	TWD 15		VSM	+0.82	TEH	TEC				48		COLD	600UL
44	130	0.46	67	P 2	TWD 16		02H	-1.16	TEH	TEC				35		COLD	600UL
44	154	0.39	51	P 2	TWD 14		VSM	+0.70	TEH	TEC				37		COLD	600UL
		0.39	51	P 2	TWD 14		VSM	+0.70	TEH	TEC				37		COLD	600UL
45	65	0.37	147	P 2	TWD 14		02H	-1.18	TEH	TEC				24		COLD	600UL
45	75	0.31	145	P 2	TWD 13		DBC	-2.11	TEH	TEC				22		COLD	600UL
		0.31	145	P 2	TWD 13		DBC	-2.11	TEH	TEC				22		COLD	600UL
45	101	0.38	117	P 6	TWD 22		DBC	-1.75	DBC	DBC	LAR			130		COLD	580FH
		0.37	175	P 2	TWD 16		DBH	+1.49	TEC	TEH	NEW			90		HOT	600UL
		0.40	83	P 2	TWD 17		DBC	-1.75	TEC	TEH	NEW			90		HOT	600UL
46	78	0.22	100	P 2	TWD 10		DBH	-1.87	TEH	TEC	NEW			23		COLD	600UL
46	80	0.39	117	P 2	TWD 17		DBH	-1.84	TEH	TEC	NEW			23		COLD	600UL
		0.60	105	P 6	TWD 28		DBH	-1.72	DBH	DBH	LAR			131		COLD	580FH
46	100	0.62	27	P 2	TWD 23		DBH	+1.70	TEC	TEH	NEW			90		HOT	600UL
46	118	0.21	109	P 2	TWD 9		07H	+0.28	TEH	TEC				62		COLD	600UL
		0.21	109	P 2	TWD 9		07H	+0.28	TEH	TEC				62		COLD	600UL
47	73	0.48	111	P 2	TWD 18		DBC	-2.03	TEH	TEC				22		COLD	600UL
		0.47	109	P 2	TWD 18		DBC	-2.03	TEH	TEC				22		COLD	600UL
47	77	0.33	126	P 2	TWD 14		DBC	-1.48	TEH	TEC				23		COLD	600UL
		0.36	123	P 2	TWD 16		DBC	-1.48	TEH	TEC				23		COLD	600UL
47	101	0.46	108	P 6	TWD 23		DBH	-2.20	DBH	DBH	LAR			131		COLD	580FH
		0.41	78	P 2	TWD 17		DBC	-1.59	TEC	TEH				90		HOT	600UL
		0.36	99	P 2	TWD 15		DBH	-2.20	TEC	TEH	NEW			90		HOT	600UL
		0.41	78	P 2	TWD 17		DBC	-1.59	TEC	TEH				90		HOT	600UL
47	109	0.35	49	P 2	TWD 13		VSM	-0.14	TEH	TEC				48		COLD	600UL
		0.33	44	P 2	TWD 13		VSM	-0.14	TEH	TEC				48		COLD	600UL
47	113	0.40	91	P 2	TWD 17		VSM	-0.84	TEH	TEC				49		COLD	600UL
		0.52	120	P 2	TWD 20		VSM	-0.04	TEH	TEC				49		COLD	600UL
		0.71	122	P 2	TWD 25		VSM	+0.78	TEH	TEC				49		COLD	600UL
		0.17	48	P 2	TWD 8		DBC	-1.69	TEH	TEC	NEW			49		COLD	600UL
		0.39	73	P 2	TWD 16		VSM	-0.84	TEH	TEC				49		COLD	600UL
		0.68	122	P 2	TWD 24		VSM	+0.78	TEH	TEC				49		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.52	120	P 2	TWD	20	VSM	-0.04	TEH	TEC				49		COLD	600UL
47	151	1.39	129	P 2	TWD	34	VSM	-0.69	TEH	TEC				33		COLD	600UL
		1.79	84	P 2	TWD	38	VSM	-0.04	TEH	TEC				33		COLD	600UL
		1.29	101	P 2	TWD	32	VSM	+0.81	TEH	TEC				33		COLD	600UL
		1.39	129	P 2	TWD	34	VSM	-0.69	TEH	TEC				33		COLD	600UL
		1.79	84	P 2	TWD	38	VSM	-0.04	TEH	TEC				33		COLD	600UL
		1.29	101	P 2	TWD	32	VSM	+0.81	TEH	TEC				33		COLD	600UL
48	42	0.22	127	P 2	TWD	8	07H	-0.75	TEC	TEH				95		HOT	600UL
		0.22	127	P 2	TWD	9	07H	-0.75	TEC	TEH				95		HOT	600UL
48	68	0.26	72	P 2	TWD	10	VSM	+0.90	TEH	TEC				24		COLD	600UL
		0.26	72	P 2	TWD	10	VSM	+0.90	TEH	TEC				24		COLD	600UL
48	80	0.50	85	P 2	TWD	19	DBH	-1.51	TEH	TEC				22		COLD	600UL
		0.49	76	P 2	TWD	18	DBH	-1.51	TEH	TEC				22		COLD	600UL
		0.20	47	P 2	TWD	8	DBC	-2.25	TEH	TEC	NEW			22		COLD	600UL
48	100	1.35	117	P 2	TWD	35	VSM	+0.77	TEC	TEH				90		HOT	600UL
		1.52	85	P 2	TWD	37	VSM	-0.04	TEC	TEH				90		HOT	600UL
		1.48	124	P 2	TWD	37	VSM	-0.69	TEC	TEH				90		HOT	600UL
		0.51	175	P 2	TWD	20	DBH	+1.47	TEC	TEH				90		HOT	600UL
		1.35	117	P 2	TWD	35	VSM	+0.77	TEC	TEH				90		HOT	600UL
		1.52	85	P 2	TWD	37	VSM	-0.04	TEC	TEH				90		HOT	600UL
		1.48	124	P 2	TWD	37	VSM	-0.69	TEC	TEH				90		HOT	600UL
		0.51	175	P 2	TWD	20	DBH	+1.47	TEC	TEH				90		HOT	600UL
48	104	0.53	121	P 2	TWD	15	VSM	+0.86	TEH	TEC				53		COLD	600UL
		0.54	118	P 2	TWD	16	VSM	+0.86	TEH	TEC				53		COLD	600UL
48	106	0.58	90	P 2	TWD	16	VSM	+0.00	TEH	TEC				53		COLD	600UL
		0.57	121	P 2	TWD	16	VSM	+0.84	TEH	TEC				53		COLD	600UL
		0.41	119	P 2	TWD	12	VSM	-0.78	TEH	TEC				53		COLD	600UL
		0.41	119	P 2	TWD	12	VSM	-0.78	TEH	TEC				53		COLD	600UL
		0.43	97	P 2	TWD	13	VSM	+0.00	TEH	TEC				53		COLD	600UL
		0.58	119	P 2	TWD	16	VSM	+0.84	TEH	TEC				53		COLD	600UL
48	112	1.06	102	P 2	TWD	29	VSM	+0.82	TEH	TEC				48		COLD	600UL
		0.49	107	P 2	TWD	18	VSM	-0.02	TEH	TEC				48		COLD	600UL
		1.06	97	P 2	TWD	29	VSM	+0.82	TEH	TEC				48		COLD	600UL
		0.49	107	P 2	TWD	18	VSM	-0.02	TEH	TEC				48		COLD	600UL
48	126	0.69	141	P 2	TWD	21	VSM	+1.00	TEH	TEC				44		COLD	600UL
		0.69	141	P 2	TWD	21	VSM	+1.00	TEH	TEC				44		COLD	600UL
48	128	0.63	138	P 2	TWD	19	VSM	-0.72	TEH	TEC				44		COLD	600UL
		0.72	107	P 2	TWD	21	VSM	+0.20	TEH	TEC				44		COLD	600UL
		0.63	138	P 2	TWD	19	VSM	-0.72	TEH	TEC				44		COLD	600UL
		0.65	100	P 2	TWD	20	VSM	+0.20	TEH	TEC				44		COLD	600UL
48	152	0.68	105	P 2	TWD	25	VSM	-0.60	TEH	TEC				32		COLD	600UL
		0.70	104	P 2	TWD	26	VSM	-0.60	TEH	TEC				32		COLD	600UL
48	154	0.42	117	P 2	TWD	15	VSM	+0.78	TEH	TEC				37		COLD	600UL
		0.42	117	P 2	TWD	15	VSM	+0.78	TEH	TEC				37		COLD	600UL
49	7	0.26	133	P 2	TWD	12	06H	-1.11	TEC	TEH				80		HOT	600UL
49	41	0.65	119	P 2	TWD	23	08H	+1.45	TEC	TEH	LOCOK			93		HOT	600UL
		0.65	119	P 2	TWD	23	08H	+1.45	TEC	TEH	LOCOK			93		HOT	600UL
49	43	0.32	84	P 2	TWD	13	08H	+1.45	TEC	TEH	LOCOK			95		HOT	600UL
		0.47	116	P 2	TWD	17	08H	-1.39	TEC	TEH	LOCOK			95		HOT	600UL
		0.32	84	P 2	TWD	12	08H	+1.45	TEC	TEH	LOCOK			95		HOT	600UL
		0.47	115	P 2	TWD	17	08H	-1.39	TEC	TEH	LOCOK			95		HOT	600UL
49	49	0.27	133	P 2	TWD	10	08H	-1.43	TEH	TEC				29		COLD	600UL
		0.43	122	P 2	TWD	16	08H	+1.67	TEH	TEC				29		COLD	600UL
		0.38	97	P 2	TWD	14	08C	-1.67	TEH	TEC				29		COLD	600UL
		0.43	123	P 2	TWD	16	08H	+1.67	TEH	TEC	LOCOK			29		COLD	600UL
		0.27	135	P 2	TWD	10	08H	-1.43	TEH	TEC	LOCOK			29		COLD	600UL
		0.33	103	P 2	TWD	12	08C	-1.67	TEH	TEC	LOCOK			29		COLD	600UL
49	77	0.36	86	P 2	TWD	14	06H	-0.89	TEH	TEC				22		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
49	81	0.92	91	P 2	TWD 28	DBC	+1.98	TEH	TEC					22		COLD	600UL
		0.92	91	P 2	TWD 28	DBC	+1.98	TEH	TEC					22		COLD	600UL
49	101	0.36	127	P 2	TWD 15	DBH	-2.03	TEC	TEH					90		HOT	600UL
		0.36	128	P 2	TWD 15	DBH	-2.03	TEC	TEH					90		HOT	600UL
49	109	0.56	18	2	SAI	TSH	-0.33	TSH	TSH	.71		9.45		56		HOT	580PP
49	113	0.43	15	2	SAI	TSH	-1.50	TSH	TSH	.44				56		HOT	580PP
		0.49	15	2	SAI	TSH	-2.30	TSH	TSH	.66				56		HOT	580PP
		0.41	15	2	SAI	TSH	-3.34	TSH	TSH	.35		8.93		56		HOT	580PP
		0.36	15	P 1	SCI	TSH	-0.07	TSH	TSH	.00				56		HOT	580PP
49	119	0.46	113	P 2	TWD 17	08H	+0.04	TEH	TEC					46		COLD	600UL
		0.51	65	P 2	TWD 18	02H	-1.17	TEH	TEC					46		COLD	600UL
		0.46	113	P 2	TWD 17	08H	+0.04	TEH	TEC					46		COLD	600UL
49	125	0.51	44	P 2	TWD 20	08H	+1.64	TEH	TEC	LOCOK				60		COLD	600UL
		0.44	141	P 2	TWD 18	08H	-1.23	TEH	TEC					60		COLD	600UL
		0.45	141	P 2	TWD 18	08H	-1.23	TEH	TEC					60		COLD	600UL
		0.51	44	P 2	TWD 20	08H	+1.64	TEH	TEC					60		COLD	600UL
49	127	0.63	100	P 2	TWD 19	08H	-1.12	TEH	TEC	NEW				44		COLD	600UL
49	131	0.28	36	P 2	TWD 11	DBH	-0.69	TEH	TEC					35		COLD	600UL
		0.28	36	P 2	TWD 11	DBH	-0.69	TEH	TEC					35		COLD	600UL
49	169	0.47	115	P 2	TWD 17	01C	-0.81	TEH	TEC					38		COLD	600UL
50	80	0.34	69	P 2	TWD 14	DBC	-1.55	TEH	TEC					23		COLD	600UL
		1.31	98	P 2	TWD 35	DBH	-1.83	TEH	TEC					23		COLD	600UL
		0.34	70	P 2	TWD 15	DBC	-1.55	TEH	TEC					23		COLD	600UL
		1.31	98	P 2	TWD 35	DBH	-1.83	TEH	TEC					23		COLD	600UL
50	88	0.33	59	P 2	TWD 14	DBH	-1.68	TEH	TEC					23		COLD	600UL
		0.41	141	P 2	TWD 17	08H	+1.43	TEH	TEC					23		COLD	600UL
		0.78	88	P 2	TWD 27	DBC	-1.45	TEH	TEC					23		COLD	600UL
		0.33	59	P 2	TWD 14	DBH	-1.68	TEH	TEC					23		COLD	600UL
		0.79	82	P 2	TWD 27	DBC	-1.45	TEH	TEC					23		COLD	600UL
		0.41	143	P 2	TWD 17	08H	+1.43	TEH	TEC	LOCOK				23		COLD	600UL
50	100	0.56	75	P 2	TWD 21	DBH	-1.91	TEC	TEH					90		HOT	600UL
		0.56	75	P 2	TWD 21	DBH	-1.91	TEC	TEH					90		HOT	600UL
51	83	0.43	78	P 2	TWD 18	DBC	-1.45	TEH	TEC					23		COLD	600UL
		0.44	78	P 2	TWD 18	DBC	-1.45	TEH	TEC					23		COLD	600UL
51	91	1.09	33	P 2	TWD 32	DBH	+1.15	TEC	TEH					87		HOT	600UL
		0.62	52	P 2	TWD 22	DBC	+1.92	TEC	TEH					87		HOT	600UL
		1.10	33	P 2	TWD 32	DBH	+1.15	TEC	TEH					87		HOT	600UL
		2.11	94	P 2	TWD 42	DBH	-1.21	TEC	TEH					87		HOT	600UL
		0.62	52	P 2	TWD 22	DBC	+1.92	TEC	TEH					87		HOT	600UL
		2.11	94	P 2	TWD 42	DBH	-1.21	TEC	TEH					87		HOT	600UL
51	99	0.26	129	P 4	TWD 18	DBH	+1.95	DBH	DBH	LAR				127		COLD	560FH
		0.37	63	P 2	TWD 16	DBH	-1.80	TEC	TEH					90		HOT	600UL
		0.37	63	P 2	TWD 16	DBH	-1.80	TEC	TEH					90		HOT	600UL
51	127	0.35	83	P 2	TWD 16	01H	+0.90	TEH	TEC					60		COLD	600UL
51	151	0.42	66	P 2	TWD 16	03H	-1.18	TEH	TEC					33		COLD	600UL
51	153	0.76	118	P 2	TWD 23	08H	+0.38	TEH	TEC	NEW				37		COLD	600UL
51	167	0.39	125	P 2	TWD 12	VH3	+0.88	TEH	TEC					39		COLD	600UL
		0.38	119	P 2	TWD 11	VH3	+0.88	TEH	TEC					39		COLD	600UL
52	82	0.43	126	P 2	TWD 17	DBH	-1.55	TEH	TEC	NEW				22		COLD	600UL
52	98	0.51	62	P 2	TWD 20	DBH	+1.84	TEC	TEH					90		HOT	600UL
		0.42	123	P 2	TWD 17	DBH	-1.70	TEC	TEH					90		HOT	600UL
		0.53	53	P 2	TWD 21	DBH	+1.84	TEC	TEH					90		HOT	600UL
		0.42	123	P 2	TWD 17	DBH	-1.70	TEC	TEH					90		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100&TWD

QUERY: rpc_icode_and_0-100&twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
52	168	0.41	90	P	2	TWD	15 VH3	TEH	TEC					38		COLD	600UL
		0.38	111	P	2	TWD	14 01H	TEH	TEC					38		COLD	600UL
		0.46	93	P	2	TWD	16 VH3	TEH	TEC					38		COLD	600UL
		0.51	132	P	2	TWD	18 01C	TEH	TEC					38		COLD	600UL
53	67	0.51	150	P	2	TWD	18 08H	TEH	TEC					24		COLD	600UL
		0.51	150	P	2	TWD	18 08H	TEH	TEC					24		COLD	600UL
53	83	0.71	75	P	2	TWD	24 DBC	TEH	TEC					22		COLD	600UL
		0.71	75	P	2	TWD	24 DBC	TEH	TEC					22		COLD	600UL
53	85	0.49	130	P	2	TWD	19 DBH	TEH	TEC					23		COLD	600UL
		0.63	51	P	2	TWD	23 DBH	TEH	TEC					23		COLD	600UL
		0.37	95	P	2	TWD	16 DBC	TEH	TEC					23		COLD	600UL
		0.49	129	P	2	TWD	20 DBH	TEH	TEC					23		COLD	600UL
		0.65	55	P	2	TWD	24 DBH	TEH	TEC					23		COLD	600UL
		0.37	95	P	2	TWD	16 DBC	TEH	TEC					23		COLD	600UL
53	87	0.26	120	P	2	TWD	12 DBH	TEH	TEC	NEW				23		COLD	600UL
53	91	0.36	139	P	2	TWD	13 DBH	TEH	TEC					57		COLD	600UL
		0.18	32	P	2	TWD	7 DBH	TEH	TEC					57		COLD	600UL
		0.34	152	P	2	TWD	13 DBH	TEH	TEC					57		COLD	600UL
		0.18	32	P	2	TWD	7 DBH	TEH	TEC					57		COLD	600UL
53	95	0.40	45	P	2	TWD	16 DBC	TEC	TEH					87		HOT	600UL
		0.40	44	P	2	TWD	16 DBC	TEC	TEH					87		HOT	600UL
53	97	0.35	17	2	SAI	TSH		TSH	TSH	0.00	8.36	10				HOT	580PP
53	125	0.28	81	P	2	TWD	12 08H	TEH	TEC					60		COLD	600UL
		0.30	107	P	2	TWD	13 08H	TEH	TEC					60		COLD	600UL
54	88	0.39	72	P	2	TWD	16 DBH	TEH	TEC					23		COLD	600UL
		0.40	71	P	2	TWD	17 DBH	TEH	TEC					23		COLD	600UL
54	90	1.02	90	P	2	TWD	31 DBH	TEC	TEH					87		HOT	600UL
		1.03	92	P	2	TWD	31 DBH	TEC	TEH					87		HOT	600UL
54	92	1.23	116	P	2	TWD	31 DBH	TEH	TEC					57		COLD	600UL
		1.23	116	P	2	TWD	31 DBH	TEH	TEC					57		COLD	600UL
54	94	1.27	129	P	2	TWD	31 DBH	TEH	TEC					57		COLD	600UL
		0.50	146	P	2	TWD	17 DBC	TEH	TEC					57		COLD	600UL
		1.27	129	P	2	TWD	31 DBH	TEH	TEC					57		COLD	600UL
		0.50	146	P	2	TWD	17 DBC	TEH	TEC					57		COLD	600UL
54	98	0.60	101	P	2	TWD	22 DBH	TEC	TEH					90		HOT	600UL
		0.60	101	P	2	TWD	22 DBH	TEC	TEH					90		HOT	600UL
54	118	0.57	36	P	2	TWD	20 08H	TEH	TEC					62		COLD	600UL
		0.63	133	P	2	TWD	21 08H	TEH	TEC					62		COLD	600UL
54	156	0.53	93	P	2	TWD	18 VH3	TEH	TEC					36		COLD	600UL
		0.53	93	P	2	TWD	18 VH3	TEH	TEC					36		COLD	600UL
55	87	0.58	37	P	2	TWD	21 DBH	TEH	TEC					22		COLD	600UL
		0.57	37	P	2	TWD	21 DBH	TEH	TEC					22		COLD	600UL
55	91	0.51	70	P	2	TWD	19 DBH	TEC	TEH					87		HOT	600UL
		0.36	62	P	2	TWD	15 DBH	TEC	TEH					87		HOT	600UL
55	93	0.33	48	P	2	TWD	12 DBH	TEH	TEC					57		COLD	600UL
		1.55	121	P	2	TWD	34 DBH	TEH	TEC					57		COLD	600UL
		0.33	46	P	2	TWD	12 DBH	TEH	TEC					57		COLD	600UL
		1.64	104	P	2	TWD	35 DBH	TEH	TEC					57		COLD	600UL
55	97	0.54	122	P	2	TWD	20 DBH	TEC	TEH					87		HOT	600UL
		0.54	122	P	2	TWD	20 DBH	TEC	TEH					87		HOT	600UL
55	99	0.34	122	P	2	TWD	15 DBH	TEC	TEH					90		HOT	600UL
		0.37	95	P	2	TWD	15 DBH	TEC	TEH					90		HOT	600UL
55	127	0.27	79	P	2	TWD	12 02H	TEH	TEC					60		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
56	30	0.34	74	P 2	TWD 15	03H	-1.25	TEC	TEH					88		HOT	600UL
56	38	0.40	74	P 2	TWD 16	VH3	-0.98	TEC	TEH					93		HOT	600UL
		0.41	73	P 2	TWD 16	VH3	-0.98	TEC	TEH					93		HOT	600UL
56	44	0.40	36	P 2	TWD 15	08H	+0.87	TEC	TEH					95		HOT	600UL
		0.39	35	P 2	TWD 15	08H	+0.87	TEC	TEH					95		HOT	600UL
56	46	0.63	99	P 2	TWD 22	08H	+0.62	TEC	TEH					95		HOT	600UL
		0.63	99	P 2	TWD 21	08H	+0.62	TEC	TEH					95		HOT	600UL
56	68	0.35	132	P 2	TWD 13	08H	-0.94	TEH	TEC					24		COLD	600UL
		0.32	139	P 2	TWD 12	08H	-0.94	TEH	TEC					24		COLD	600UL
56	82	0.38	139	P 2	TWD 15	DBH	-1.83	TEH	TEC					22		COLD	600UL
		0.56	116	P 2	TWD 20	DBH	-1.83	TEH	TEC					22		COLD	600UL
56	92	1.77	104	P 2	TWD 37	DBH	-1.89	TEH	TEC					57		COLD	600UL
		1.77	104	P 2	TWD 37	DBH	-1.89	TEH	TEC					57		COLD	600UL
56	98	0.21	160	P 2	TWD 10	DBH	-2.12	TEC	TEH	NEW				90		HOT	600UL
56	100	0.27	135	P 2	TWD 12	VSM	-0.71	TEC	TEH					90		HOT	600UL
		0.27	135	P 2	TWD 12	VSM	-0.71	TEC	TEH					90		HOT	600UL
56	122	0.25	99	P 2	TWD 10	07H	+0.54	TEH	TEC	NEW				62		COLD	600UL
56	146	0.34	124	P 2	TWD 13	VH3	-0.94	TEH	TEC					30		COLD	600UL
		0.35	122	P 2	TWD 13	VH3	-0.94	TEH	TEC					30		COLD	600UL
56	164	0.31	91	P 2	TWD 12	VH3	-0.70	TEH	TEC					37		COLD	600UL
		0.31	79	P 2	TWD 10	VH3	-0.70	TEH	TEC					37		COLD	600UL
56	166	0.63	117	P 2	TWD 18	01C	-0.94	TEH	TEC					39		COLD	600UL
57	67	0.49	59	P 2	TWD 18	02H	-1.23	TEH	TEC					24		COLD	600UL
57	79	0.33	32	P 2	TWD 14	DBC	-2.00	TEH	TEC					22		COLD	600UL
		0.33	32	P 2	TWD 14	DBC	-2.00	TEH	TEC					22		COLD	600UL
57	83	0.18	42	P 2	TWD 8	DBC	+1.32	TEH	TEC					23		COLD	600UL
		0.22	57	P 2	TWD 10	DBC	-1.75	TEH	TEC					23		COLD	600UL
		0.41	13	P 2	TWD 17	DBC	+1.05	TEH	TEC					23		COLD	600UL
		0.23	62	P 2	TWD 11	DBC	-1.75	TEH	TEC					23		COLD	600UL
		0.23	50	P 2	TWD 10	DBC	+1.05	TEH	TEC					23		COLD	600UL
		0.19	34	P 2	TWD 10	DBC	+1.32	TEH	TEC					23		COLD	600UL
57	85	0.27	43	P 2	TWD 13	DBH	+1.72	TEH	TEC	NEW				23		COLD	600UL
57	91	0.22	159	P 2	TWD 9	DBC	-1.92	TEC	TEH					87		HOT	600UL
		0.57	40	P 2	TWD 21	DBC	+2.21	TEC	TEH					87		HOT	600UL
		0.30	92	P 2	TWD 12	DBC	-1.92	TEC	TEH					87		HOT	600UL
		0.56	37	P 2	TWD 21	DBC	+2.21	TEC	TEH					87		HOT	600UL
57	121	0.41	59	P 2	TWD 15	02H	-1.21	TEH	TEC					46		COLD	600UL
57	143	0.51	73	P 2	TWD 18	05H	-0.23	TEH	TEC					33		COLD	600UL
57	147	0.38	124	P 2	TWD 18	VH3	-0.69	TEH	TEC					32		COLD	600UL
		0.43	114	P 2	TWD 19	VH3	-0.69	TEH	TEC					32		COLD	600UL
57	167	0.34	76	P 2	TWD 13	01H	+0.11	TEH	TEC					38		COLD	600UL
58	44	0.29	133	P 2	TWD 13	08H	-0.48	TEC	TEH					96		HOT	600UL
		0.29	133	P 2	TWD 13	08H	-0.48	TEC	TEH					96		HOT	600UL
58	84	0.52	92	P 2	TWD 20	DBH	+1.53	TEH	TEC					23		COLD	600UL
		0.51	97	P 2	TWD 20	DBH	+1.53	TEH	TEC					23		COLD	600UL
58	88	0.35	67	P 2	TWD 15	DBH	-0.87	TEH	TEC					23		COLD	600UL
		0.35	72	P 2	TWD 15	DBH	-0.87	TEH	TEC					23		COLD	600UL
58	90	0.41	71	P 2	TWD 16	DBH	-1.40	TEC	TEH					87		HOT	600UL
		0.41	71	P 2	TWD 16	DBH	-1.40	TEC	TEH					87		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
58	92	0.22	113	P 2	TWD 9	DBH	-1.73	TEC	TEH	NEW				87		HOT	600UL
58	98	0.26	46	P 2	TWD 12	DBH	-2.01	TEC	TEH					90		HOT	600UL
		0.27	52	P 2	TWD 12	DBH	-2.01	TEC	TEH					90		HOT	600UL
58	122	0.44	41	P 2	TWD 16	02H	-1.24	TEH	TEC					46		COLD	600UL
59	11	0.29	132	P 2	TWD 14	VH3	-0.88	TEC	TEH					81		HOT	600UL
		0.29	132	P 2	TWD 14	VH3	-0.88	TEC	TEH					81		HOT	600UL
59	19	0.27	143	P 2	TWD 13	VH3	-0.90	TEC	TEH					85		HOT	600UL
		0.26	144	P 2	TWD 13	VH3	-0.90	TEC	TEH					85		HOT	600UL
59	25	0.37	143	P 2	TWD 16	VH3	-0.85	TEC	TEH					88		HOT	600UL
		0.36	140	P 2	TWD 16	VH3	-0.85	TEC	TEH					88		HOT	600UL
59	83	1.14	74	P 2	TWD 32	DBH	+1.76	TEH	TEC					22		COLD	600UL
		1.14	74	P 2	TWD 32	DBH	+1.76	TEH	TEC					22		COLD	600UL
59	85	0.86	38	P 2	TWD 27	DBH	+2.00	TEH	TEC					22		COLD	600UL
		0.85	37	P 2	TWD 27	DBH	+2.00	TEH	TEC					22		COLD	600UL
59	91	0.32	103	P 2	TWD 13	DBC	-1.57	TEC	TEH					87		HOT	600UL
		0.17	113	P 2	TWD 7	DBC	+1.80	TEC	TEH	NEW				87		HOT	600UL
		0.32	103	P 2	TWD 13	DBC	-1.57	TEC	TEH					87		HOT	600UL
		0.81	106	P 6	TWD 34	DBC	-1.74	TO+1.82	DBC	DBC	LAR			131		COLD	580FH
59	93	0.39	73	P 2	TWD 16	DBH	-1.38	TEC	TEH					87		HOT	600UL
		0.39	73	P 2	TWD 16	DBH	-1.38	TEC	TEH					87		HOT	600UL
59	99	0.20	127	P 2	TWD 9	DBH	-1.96	TEC	TEH	NEW				90		HOT	600UL
59	117	0.35	44	P 2	TWD 14	08H	-1.04	TEH	TEC					62		COLD	600UL
		0.43	63	P 2	TWD 16	01H	+0.85	TEH	TEC					62		COLD	600UL
		0.35	44	P 2	TWD 14	08H	-1.04	TEH	TEC					62		COLD	600UL
60	22	0.49	68	P 2	TWD 18	VH3	-0.12	TEC	TEH					84		HOT	600UL
		0.40	80	P 2	TWD 15	VH3	-0.12	TEC	TEH					84		HOT	600UL
60	26	0.45	148	P 2	TWD 18	VH3	-0.89	TEC	TEH					88		HOT	600UL
		0.44	148	P 2	TWD 19	VH3	-0.89	TEC	TEH					88		HOT	600UL
60	30	0.48	129	P 2	TWD 19	VH3	-0.97	TEC	TEH					88		HOT	600UL
		0.46	125	P 2	TWD 19	VH3	-0.97	TEC	TEH					88		HOT	600UL
60	32	0.32	71	P 2	TWD 14	VC3	+0.73	TEC	TEH					88		HOT	600UL
		0.29	65	P 2	TWD 13	VSM	-0.81	TEC	TEH	NEW				88		HOT	600UL
		0.32	71	P 2	TWD 14	VC3	+0.73	TEC	TEH					88		HOT	600UL
60	84	0.44	155	P 2	TWD 17	DBH	+1.41	TEH	TEC					22		COLD	600UL
		0.47	143	P 2	TWD 18	DBH	+1.41	TEH	TEC					22		COLD	600UL
60	86	0.69	82	P 2	TWD 23	DBH	-1.80	TEH	TEC					22		COLD	600UL
		0.68	80	P 2	TWD 23	DBH	-1.80	TEH	TEC					22		COLD	600UL
60	90	0.60	47	P 2	TWD 22	DBH	+1.97	TEC	TEH					87		HOT	600UL
		0.60	47	P 2	TWD 22	DBH	+1.97	TEC	TEH					87		HOT	600UL
60	92	0.34	15	P 2	TWD 14	DBH	+2.02	TEC	TEH					87		HOT	600UL
		0.34	15	P 2	TWD 14	DBH	+2.02	TEC	TEH					87		HOT	600UL
60	98	0.31	10	P 2	TWD 14	DBH	+1.74	TEC	TEH	NEW				90		HOT	600UL
60	128	0.39	51	P 2	TWD 13	08H	+0.32	TEH	TEC					44		COLD	600UL
		0.40	46	P 2	TWD 14	08H	+0.32	TEH	TEC					44		COLD	600UL
60	166	0.47	149	P 2	TWD 14	VH3	-0.82	TEH	TEC					39		COLD	600UL
		0.44	146	P 2	TWD 13	VH3	-0.82	TEH	TEC					39		COLD	600UL
61	29	0.40	44	P 2	TWD 17	VH3	-0.89	TEC	TEH					88		HOT	600UL
		0.41	46	P 2	TWD 17	VH3	-0.89	TEC	TEH					88		HOT	600UL
61	47	0.23	126	P 2	TWD 14	08H	+0.59	TEH	TEC					28		COLD	600UL
		0.23	126	P 2	TWD 14	08H	+0.59	TEH	TEC					28		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: ipc_codes_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
61	79	0.59	80	P	2	TWD	21	VSM	+0.81					22		COLD	600UL
		0.58	75	P	2	TWD	21	VSM	+0.81					22		COLD	600UL
61	81	0.38	12	P	2	TWD	16	DBH	+1.64					23		COLD	600UL
61	83	0.58	127	P	2	TWD	22	DBC	+1.35					23		COLD	600UL
		0.60	137	P	2	TWD	22	DBC	+1.35					23		COLD	600UL
61	85	0.52	18	P	2	TWD	19	DBH	+1.92					22		COLD	600UL
		0.51	18	P	2	TWD	19	DBH	+1.92					22		COLD	600UL
61	89	0.81	47	P	2	TWD	27	DBH	+1.38					23		COLD	600UL
		0.77	37	P	2	TWD	26	DBH	+1.38					23		COLD	600UL
61	91	0.87	104	P	2	TWD	28	DBC	-1.55					87		HOT	600UL
		0.87	104	P	2	TWD	28	DBC	-1.55					87		HOT	600UL
61	93	1.23	79	P	2	TWD	34	DBH	+1.87					87		HOT	600UL
		1.23	79	P	2	TWD	34	DBH	+1.87					87		HOT	600UL
61	111	0.45	101	P	2	TWD	16	O2H	-1.25					48		COLD	600UL
61	119	0.45	75	P	2	TWD	16	O2H	-1.25					46		COLD	600UL
61	129	0.49	119	P	2	TWD	20	O8H	+0.46					60		COLD	600UL
		0.49	119	P	2	TWD	20	O8H	+0.46					60		COLD	600UL
62	80	0.35	23	2	SAI		TSH		-0.83					14		HOT	580PP
		0.15	23	P	1	SAI	TSH		-0.18					14		HOT	580PP
		0.19	23	2	SAI		TSH		-1.44					14		HOT	580PP
		0.28	17	2	MAI		TSH		-1.16					14		HOT	580PP
62	82	0.29	134	P	2	TWD	13	DBH	-1.70					23		COLD	600UL
62	88	0.28	115	P	2	TWD	12	DBH	-1.38					23		COLD	600UL
62	90	1.01	88	P	2	TWD	30	DBH	+1.93					87		HOT	600UL
		1.01	88	P	2	TWD	30	DBH	+1.93					87		HOT	600UL
62	96	0.62	115	P	2	TWD	22	DBC	+1.90					87		HOT	600UL
		0.62	115	P	2	TWD	22	DBC	+1.90					87		HOT	600UL
62	158	0.28	138	P	2	TWD	10	VH3	-1.00					37		COLD	600UL
		0.29	145	P	2	TWD	10	VH3	-1.00					37		COLD	600UL
62	166	0.31	62	P	2	TWD	12	O1H	+0.07					38		COLD	600UL
63	35	0.22	31	P	2	TWD	11	DBH	-2.25					94		HOT	600UL
63	83	0.28	86	P	2	TWD	12	DBC	+2.18					22		COLD	600UL
63	89	0.22	54	P	2	TWD	9	DBC	+2.23					22		COLD	600UL
63	91	0.41	148	P	2	TWD	16	DBC	-1.82					87		HOT	600UL
		0.41	148	P	2	TWD	16	DBC	-1.82					87		HOT	600UL
64	54	0.40	63	P	2	TWD	14	O8H	-0.35					26		COLD	600UL
		0.36	56	P	2	TWD	13	O8H	-0.35					26		COLD	600UL
64	104	0.42	129	P	2	TWD	12	O2H	-1.21					53		COLD	600UL
64	118	0.39	51	P	2	TWD	14	O8H	-1.12					46		COLD	600UL
		0.45	46	P	2	TWD	16	O8H	-1.12					46		COLD	600UL
64	128	0.40	129	P	2	TWD	13	O8H	+0.40					44		COLD	600UL
		0.40	129	P	2	TWD	14	O8H	+0.40					44		COLD	600UL
64	166	0.40	126	P	2	TWD	15	VH3	-0.59					38		COLD	600UL
		0.40	126	P	2	TWD	15	VH3	-0.59					38		COLD	600UL
65	11	0.29	134	P	2	TWD	13	VH3	-0.77					80		HOT	600UL
		0.29	134	P	2	TWD	13	VH3	-0.77					80		HOT	600UL
65	19	0.31	145	P	2	TWD	13	VH3	-0.83					84		HOT	600UL
		0.32	132	P	2	TWD	13	VH3	-0.83					84		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
65	29	0.30	146	P	2	TWD	14	VH3	+0.79					88		HOT	600UL
		0.34	160	P	2	TWD	15	VH3	-0.77					88		HOT	600UL
		0.34	158	P	2	TWD	15	VH3	-0.77					88		HOT	600UL
		0.31	147	P	2	TWD	14	VH3	+0.79					88		HOT	600UL
65	69	0.32	153	P	2	TWD	12	08H	-0.94					24		COLD	600UL
		0.36	145	P	2	TWD	13	08H	-0.94					24		COLD	600UL
65	85	0.37	15	P	2	TWD	16	DBH	+2.02					23		COLD	600UL
65	89	0.26	118	P	2	TWD	12	DBC	-1.23					23		COLD	600UL
		0.30	129	P	2	TWD	14	DBC	+1.47					23		COLD	600UL
		0.58	103	P	6	TWD	27	DBC	-1.69	TO+1.84				131		COLD	580FH
		0.42	51	P	2	TWD	17	DBC	-1.23					23		COLD	600UL
65	91	0.23	31	P	2	TWD	10	DBC	-1.59					87		HOT	600UL
65	155	0.29	142	P	2	TWD	11	VH3	-0.88					36		COLD	600UL
		0.29	142	P	2	TWD	11	VH3	-0.88					36		COLD	600UL
65	161	0.52	87	P	2	TWD	18	VH3	-0.80					37		COLD	600UL
		0.52	87	P	2	TWD	18	VH3	-0.80					37		COLD	600UL
65	163	0.36	121	P	2	TWD	13	VH3	-0.74					37		COLD	600UL
		0.34	64	P	2	TWD	13	VH3	+0.90					37		COLD	600UL
		0.34	61	P	2	TWD	11	VH3	+0.90					37		COLD	600UL
		0.32	114	P	2	TWD	11	VH3	-0.74					37		COLD	600UL
65	165	0.34	94	P	2	TWD	11	01C	-0.96					37		COLD	600UL
66	14	0.24	140	P	2	TWD	12	04C	-0.17					81		HOT	600UL
66	40	0.23	83	P	2	TWD	11	DBC	+1.72					94		HOT	600UL
66	74	0.35	158	P	2	TWD	14	DBH	+1.42					22		COLD	600UL
66	78	0.30	117	P	2	TWD	13	02H	-0.27					23		COLD	600UL
67	45	0.16	80	P	2	TWD	8	08H	+0.29					96		HOT	600UL
		0.16	81	P	2	TWD	7	08H	+0.29					96		HOT	600UL
67	89	0.44	64	P	2	TWD	17	DBC	-1.94					22		COLD	600UL
		0.45	90	P	2	TWD	17	DBC	-1.94					22		COLD	600UL
67	143	0.44	101	P	2	TWD	16	VH3	+0.90					34		COLD	600UL
		0.44	101	P	2	TWD	16	VH3	+0.90					34		COLD	600UL
68	14	0.44	111	P	2	TWD	19	VH3	-0.79					80		HOT	600UL
		0.44	111	P	2	TWD	19	VH3	-0.79					80		HOT	600UL
68	18	0.16	40	P	1	SCI	TSH	-0.11						33		HOT	580PP
68	24	0.36	148	P	2	TWD	14	VH3	-0.85					84		HOT	600UL
		0.38	146	P	2	TWD	15	VH3	-0.85					84		HOT	600UL
68	68	0.35	63	P	2	TWD	14	08H	-0.98					24		COLD	600UL
		0.35	52	P	2	TWD	13	08H	-0.98					24		COLD	600UL
68	76	0.33	104	P	2	TWD	13	04H	+0.80					22		COLD	600UL
68	88	0.32	94	P	2	TWD	13	DBH	-1.31					22		COLD	600UL
68	94	0.55	126	P	2	TWD	20	DBH	-2.05					87		HOT	600UL
		0.58	117	P	2	TWD	21	DBH	-2.05					87		HOT	600UL
68	128	0.46	122	2	SVI	DBH	+2.45	TO+2.97						154		HOT	580FH
68	154	0.44	110	P	2	TWD	16	VH3	-0.88					37		COLD	600UL
		0.41	102	P	2	TWD	13	VH3	-0.88					37		COLD	600UL
68	156	0.35	110	P	2	TWD	13	VH3	-0.86					37		COLD	600UL
		0.33	103	P	2	TWD	11	VH3	-0.86					37		COLD	600UL
		0.37	140	P	2	TWD	12	05C	+1.09					37		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
69	15	0.39	132	P 2	TWD	15	VH3	-0.83	TEC	TEH				84		HOT	600UL
		0.39	132	P 2	TWD	15	VH3	-0.83	TEC	TEH				84		HOT	600UL
69	21	0.41	119	P 2	TWD	16	VH3	-0.71	TEC	TEH				84		HOT	600UL
		0.41	119	P 2	TWD	16	VH3	-0.71	TEC	TEH				84		HOT	600UL
69	27	0.39	134	P 2	TWD	17	VH3	-0.77	TEC	TEH				88		HOT	600UL
		0.38	131	P 2	TWD	17	VH3	-0.77	TEC	TEH				88		HOT	600UL
69	59	0.29	112	P 2	TWD	12	DBC	+2.00	TEH	TEC	NEW			24		COLD	600UL
69	89	0.51	82	P 2	TWD	20	DBC	-1.45	TEH	TEC				23		COLD	600UL
		0.54	83	P 2	TWD	21	DBC	-1.45	TEH	TEC				23		COLD	600UL
69	91	0.67	60	P 2	TWD	24	DBH	+1.74	TEC	TEH				87		HOT	600UL
		0.68	61	P 2	TWD	24	DBH	+1.74	TEC	TEH				87		HOT	600UL
69	163	0.29	117	P 2	TWD	11	VH3	-0.78	TEH	TEC				37		COLD	600UL
		0.25	106	P 2	TWD	9	VH3	-0.78	TEH	TEC				37		COLD	600UL
70	50	0.24	115	P 2	TWD	11	08H	-0.98	TEH	TEC				27		COLD	600UL
		0.24	115	P 2	TWD	11	08H	-0.98	TEH	TEC				27		COLD	600UL
70	114	0.32	120	P 2	TWD	14	07H	-0.79	TEH	TEC				49		COLD	600UL
		0.32	120	P 2	TWD	14	07H	-0.79	TEH	TEC				49		COLD	600UL
70	138	0.42	61	P 2	TWD	15	VC3	-0.86	TEH	TEC				35		COLD	600UL
		0.42	61	P 2	TWD	15	VC3	-0.86	TEH	TEC				35		COLD	600UL
70	146	0.29	45	P 2	TWD	11	01H	+0.83	TEH	TEC				35		COLD	600UL
70	158	0.27	150	P 2	TWD	10	VH3	-0.98	TEH	TEC				37		COLD	600UL
		0.26	150	P 2	TWD	9	VH3	-0.98	TEH	TEC				37		COLD	600UL
70	162	0.38	142	P 2	TWD	14	08H	+0.86	TEH	TEC				36		COLD	600UL
		0.38	139	P 2	TWD	14	08H	+0.86	TEH	TEC				36		COLD	600UL
70	164	0.51	49	P 2	TWD	17	08H	+1.03	TEH	TEC				36		COLD	600UL
		0.55	41	P 2	TWD	18	08H	+1.03	TEH	TEC				36		COLD	600UL
71	15	0.13	81	P 2	TWD	6	VH3	-1.04	TEC	TEH				85		HOT	600UL
		0.14	61	P 2	TWD	7	VH3	-1.04	TEC	TEH				85		HOT	600UL
71	31	0.17	114	2	SAI		02H	+3.96	02H	02H	0.38			127		HOT	580PP
72	14	0.42	144	P 2	TWD	18	DBC	-1.79	TEC	TEH				80		HOT	600UL
		0.42	143	P 2	TWD	18	DBC	-1.79	TEC	TEH				80		HOT	600UL
72	34	0.56	106	P 2	TWD	22	VSM	-0.85	TEC	TEH				88		HOT	600UL
		0.56	110	P 2	TWD	22	VSM	-0.85	TEC	TEH				88		HOT	600UL
72	42	0.42	124	P 2	TWD	16	VH3	+0.69	TEC	TEH				95		HOT	600UL
		0.49	139	P 2	TWD	18	VH3	+0.12	TEC	TEH				95		HOT	600UL
		0.42	136	P 2	TWD	15	VH3	-0.40	TEC	TEH				95		HOT	600UL
		0.42	126	P 2	TWD	16	VH3	+0.69	TEC	TEH				95		HOT	600UL
		0.49	139	P 2	TWD	18	VH3	+0.12	TEC	TEH				95		HOT	600UL
		0.42	136	P 2	TWD	16	VH3	-0.40	TEC	TEH				95		HOT	600UL
72	44	0.49	126	P 2	TWD	18	DBC	+2.20	TEC	TEH				95		HOT	600UL
		0.49	126	P 2	TWD	18	DBC	+2.20	TEC	TEH				95		HOT	600UL
72	58	0.44	68	P 2	TWD	15	08H	+0.71	TEH	TEC				26		COLD	600UL
		0.44	68	P 2	TWD	15	08H	+0.71	TEH	TEC				26		COLD	600UL
72	148	0.19	123	P 2	TWD	6	VC3	+0.94	TEH	TEC				34		COLD	600UL
		0.20	123	P 2	TWD	8	VC3	+0.94	TEH	TEC				34		COLD	600UL
73	31	0.36	97	P 2	TWD	16	VH3	+0.91	TEC	TEH				88		HOT	600UL
		0.35	93	P 2	TWD	16	VH3	+0.91	TEC	TEH				88		HOT	600UL
73	33	0.32	151	P 2	TWD	14	VH3	+0.73	TEC	TEH				88		HOT	600UL
		0.31	150	P 2	TWD	14	VH3	+0.73	TEC	TEH				88		HOT	600UL
		0.53	99	P 2	TWD	21	DBH	+1.76	TEC	TEH				88		HOT	600UL
		0.53	99	P 2	TWD	21	DBH	+1.76	TEC	TEH				88		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	UTIL	CAL	#	LEG	PROBE
73	45	0.44	75	P	2	TWD	17	VC3	TEC	TEH		95		HOT	600UL
		0.48	110	P	2	TWD	17	VC3	TEC	TEH		95		HOT	600UL
73	51	0.53	127	P	2	TWD	18	VH3	TEH	TEC		26		COLD	600UL
		0.50	147	P	2	TWD	17	VC3	TEH	TEC		26		COLD	600UL
		0.31	73	P	2	TWD	11	VH3	TEH	TEC		26		COLD	600UL
		0.32	97	P	2	TWD	11	VSM	TEH	TEC		26		COLD	600UL
		0.39	85	P	2	TWD	14	VH3	TEH	TEC		26		COLD	600UL
		0.31	74	P	2	TWD	11	VH3	TEH	TEC		26		COLD	600UL
		0.28	122	P	2	TWD	10	VSM	TEH	TEC		26		COLD	600UL
		0.50	147	P	2	TWD	17	VC3	TEH	TEC		26		COLD	600UL
73	53	0.61	161	P	2	TWD	20	VC3	TEH	TEC		26		COLD	600UL
		0.70	19	P	2	TWD	22	VC3	TEH	TEC		26		COLD	600UL
		0.70	19	P	2	TWD	22	VC3	TEH	TEC		26		COLD	600UL
		0.61	161	P	2	TWD	20	VC3	TEH	TEC		26		COLD	600UL
73	61	0.55	134	P	2	TWD	19	VSM	TEH	TEC		24		COLD	600UL
		0.55	135	P	2	TWD	19	VSM	TEH	TEC		24		COLD	600UL
73	65	0.38	72	P	2	TWD	15	VH3	TEH	TEC		24		COLD	600UL
		0.38	72	P	2	TWD	15	VH3	TEH	TEC		24		COLD	600UL
73	85	0.19	112	P	2	TWD	8	DBC	TEH	TEC	NEW	23		COLD	600UL
73	89	0.35	135	P	2	TWD	16	DBH	TEH	TEC	NEW	23		COLD	600UL
73	107	0.42	145	P	2	TWD	12	VH3	TEH	TEC		53		COLD	600UL
		0.28	155	P	2	TWD	8	VH3	TEH	TEC		53		COLD	600UL
		0.64	146	P	2	TWD	18	VH3	TEH	TEC		53		COLD	600UL
		0.64	146	P	2	TWD	18	VH3	TEH	TEC		53		COLD	600UL
		0.43	143	P	2	TWD	13	VH3	TEH	TEC		53		COLD	600UL
		0.30	152	P	2	TWD	8	VH3	TEH	TEC		53		COLD	600UL
73	111	0.23	117	P	2	TWD	9	VSM	TEH	TEC		48		COLD	600UL
		0.42	154	P	2	TWD	15	VSM	TEH	TEC		48		COLD	600UL
		0.42	154	P	2	TWD	15	VSM	TEH	TEC		48		COLD	600UL
		0.18	146	P	2	TWD	8	VSM	TEH	TEC		48		COLD	600UL
73	113	0.54	75	P	2	TWD	19	02H	TEH	TEC		48		COLD	600UL
73	137	0.36	51	P	2	TWD	13	02H	TEH	TEC		35		COLD	600UL
73	143	1.13	80	P	2	TWD	30	VH3	TEH	TEC		35		COLD	600UL
		1.13	80	P	2	TWD	30	VH3	TEH	TEC		35		COLD	600UL
73	159	0.50	107	P	2	TWD	18	VH3	TEH	TEC		37		COLD	600UL
		0.50	107	P	2	TWD	18	VH3	TEH	TEC		37		COLD	600UL
74	20	0.18	59	P	2	TWD	9	DBH	TEC	TEH		85		HOT	600UL
		0.18	59	P	2	TWD	9	DBH	TEC	TEH		85		HOT	600UL
74	34	0.26	163	P	2	TWD	12	DBH	TEC	TEH	NEW	89		HOT	600UL
74	38	0.27	150	P	2	TWD	13	DBH	TEC	TEH		94		HOT	600UL
		0.26	150	P	2	TWD	13	DBH	TEC	TEH		94		HOT	600UL
74	62	0.32	105	P	2	TWD	13	DBH	TEH	TEC	NEW	24		COLD	600UL
74	84	0.35	78	P	2	TWD	15	DBC	TEH	TEC		23		COLD	600UL
		0.35	78	P	2	TWD	15	DBC	TEH	TEC		23		COLD	600UL
74	94	0.26	111	P	2	TWD	11	DBH	TEC	TEH		87		HOT	600UL
		0.27	110	P	2	TWD	11	DBH	TEC	TEH		87		HOT	600UL
74	118	0.56	92	P	2	TWD	20	08H	TEH	TEC		62		COLD	600UL
		0.56	92	P	2	TWD	20	08H	TEH	TEC		62		COLD	600UL
74	160	0.51	71	P	2	TWD	17	08C	TEH	TEC		36		COLD	600UL
		0.51	71	P	2	TWD	17	08C	TEH	TEC		36		COLD	600UL
75	15	0.07	25	P	2	TWD	3	DBC	TEC	TEH		85		HOT	600UL
		0.15	133	P	4	TWD	14	DBC	TEC	TEH	LAR	116		COLD	560FH
		0.07	25	P	2	TWD	3	DBC	TEC	TEH		85		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
75	31	0.18	92	P 2	TWD 9		VH3	+0.84	TEC	TEH				89		HOT	600UL
		0.16	67	P 2	TWD 8		DBC	+1.56	TEC	TEH	NEW			89		HOT	600UL
		0.18	92	P 2	TWD 9		VH3	+0.84	TEC	TEH				89		HOT	600UL
75	33	0.25	105	P 2	TWD 12		VC3	+0.72	TEC	TEH				89		HOT	600UL
		0.36	33	P 2	TWD 16		DBC	-1.53	TEC	TEH	NEW			89		HOT	600UL
		0.25	105	P 2	TWD 12		VC3	+0.72	TEC	TEH				89		HOT	600UL
75	37	0.16	143	P 2	TWD 8		DBC	+2.20	TEC	TEH	NEW			93		HOT	600UL
75	45	0.39	143	P 2	TWD 16		VSM	+0.82	TEC	TEH				96		HOT	600UL
		0.28	158	P 2	TWD 13		VH3	+0.74	TEC	TEH				96		HOT	600UL
		0.29	82	P 2	TWD 13		VH3	-0.06	TEC	TEH				96		HOT	600UL
		0.33	137	P 2	TWD 14		VSM	+0.82	TEC	TEH				96		HOT	600UL
		0.28	157	P 2	TWD 13		VH3	+0.74	TEC	TEH				96		HOT	600UL
		0.28	96	P 2	TWD 12		VH3	-0.06	TEC	TEH				96		HOT	600UL
75	47	0.30	98	P 2	TWD 11		VH3	+0.12	TEH	TEC				29		COLD	600UL
		0.28	67	P 2	TWD 10		VC3	+0.22	TEH	TEC				29		COLD	600UL
		0.23	136	P 2	TWD 9		DBC	+1.73	TEH	TEC				29		COLD	600UL
		0.30	98	P 2	TWD 11		VH3	+0.12	TEH	TEC				29		COLD	600UL
		0.23	136	P 2	TWD 9		DBC	+1.73	TEH	TEC				29		COLD	600UL
		0.27	68	P 2	TWD 10		VC3	+0.22	TEH	TEC				29		COLD	600UL
75	57	0.14	154	P 2	TWD 6		VH3	+0.20	TEH	TEC				27		COLD	600UL
		0.33	143	P 2	TWD 15		VH3	+0.80	TEH	TEC				27		COLD	600UL
		0.37	139	P 2	TWD 17		VSM	+0.82	TEH	TEC				27		COLD	600UL
		0.37	139	P 2	TWD 16		VSM	+0.82	TEH	TEC				27		COLD	600UL
		0.33	143	P 2	TWD 15		VH3	+0.80	TEH	TEC				27		COLD	600UL
		0.15	155	P 2	TWD 8		VH3	+0.20	TEH	TEC				27		COLD	600UL
75	75	0.43	115	P 2	TWD 17		VSM	-0.78	TEH	TEC				23		COLD	600UL
		0.37	136	P 2	TWD 16		VSM	+0.83	TEH	TEC				23		COLD	600UL
		0.43	117	P 2	TWD 18		VSM	-0.78	TEH	TEC				23		COLD	600UL
		0.38	137	P 2	TWD 16		VSM	+0.83	TEH	TEC				23		COLD	600UL
75	99	0.23	27	P 2	TWD 10		DBH	-1.40	TEC	TEH	NEW			90		HOT	600UL
76	22	0.23	0	P 2	TWD 10		DBC	+1.94	TEC	TEH				84		HOT	600UL
		0.23	50	P 2	TWD 10		DBC	+1.94	TEC	TEH				84		HOT	600UL
76	28	0.13	152	P 2	TWD 6		DBC	+1.47	TEC	TEH				88		HOT	600UL
		0.19	133	P 2	TWD 9		DBC	+1.47	TEC	TEH				88		HOT	600UL
76	32	0.60	54	P 2	TWD 23		DBH	+2.01	TEC	TEH	NEW			88		HOT	600UL
76	34	0.58	82	P 2	TWD 22		VH3	+0.89	TEC	TEH				88		HOT	600UL
		0.43	156	P 2	TWD 18		DBC	+1.95	TEC	TEH				88		HOT	600UL
		0.23	156	P 2	TWD 11		DBC	+1.95	TEC	TEH				88		HOT	600UL
		0.58	85	P 2	TWD 22		VH3	+0.89	TEC	TEH				88		HOT	600UL
		0.47	154	P 2	TWD 19		DBH	+2.14	TEC	TEH	NEW			88		HOT	600UL
76	36	0.43	129	P 2	TWD 17		VH3	-0.19	TEC	TEH				93		HOT	600UL
		0.58	107	P 2	TWD 21		VH3	-0.71	TEC	TEH				93		HOT	600UL
		0.32	122	P 2	TWD 14		DBC	+1.99	TEC	TEH				93		HOT	600UL
		0.32	126	P 2	TWD 12		DBC	+1.99	TEC	TEH				93		HOT	600UL
		0.43	129	P 2	TWD 16		VH3	-0.19	TEC	TEH				93		HOT	600UL
		0.58	107	P 2	TWD 21		VH3	-0.71	TEC	TEH				93		HOT	600UL
76	40	0.38	78	P 2	TWD 16		VH3	+0.69	TEC	TEH				93		HOT	600UL
		0.18	101	P 2	TWD 8		DBC	+1.88	TEC	TEH	NEW			93		HOT	600UL
		0.38	78	P 2	TWD 16		VH3	+0.69	TEC	TEH				93		HOT	600UL
76	48	0.54	113	P 2	TWD 25		VH3	-0.70	TEH	TEC				28		COLD	600UL
		0.42	141	P 2	TWD 21		VSM	-0.94	TEH	TEC				28		COLD	600UL
		0.42	143	P 2	TWD 21		VSM	+0.88	TEH	TEC				28		COLD	600UL
		0.37	62	P 2	TWD 19		VC3	+0.90	TEH	TEC				28		COLD	600UL
		0.17	133	P 2	TWD 11		VH3	+0.92	TEH	TEC				28		COLD	600UL
		0.52	110	P 2	TWD 24		VH3	-0.70	TEH	TEC				28		COLD	600UL
		0.17	133	P 2	TWD 11		VH3	+0.92	TEH	TEC				28		COLD	600UL
		0.42	141	P 2	TWD 21		VSM	-0.94	TEH	TEC				28		COLD	600UL
		0.42	143	P 2	TWD 21		VSM	+0.88	TEH	TEC				28		COLD	600UL
		0.37	62	P 2	TWD 19		VC3	+0.90	TEH	TEC				28		COLD	600UL
76	62	0.31	123	P 2	TWD 13		04C	+0.91	TEH	TEC				25		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
76	68	0.58	63	P 2	TWD 20	07H	+0.94	TEH	TEC					24		COLD	600UL
		0.58	63	P 2	TWD 20	07H	+0.94	TEH	TEC					24		COLD	600UL
76	72	0.40	58	P 2	TWD 16	VH3	-0.90	TEH	TEC					22		COLD	600UL
		0.40	51	P 2	TWD 16	VH3	-0.90	TEH	TEC					22		COLD	600UL
76	90	0.38	62	P 2	TWD 15	08C	-0.17	TEC	TEH					87		HOT	600UL
		0.38	62	P 2	TWD 15	08C	-0.17	TEC	TEH					87		HOT	600UL
76	114	0.62	106	P 2	TWD 21	VH3	+0.53	TEH	TEC					48		COLD	600UL
		0.62	106	P 2	TWD 21	VH3	+0.53	TEH	TEC					48		COLD	600UL
76	132	0.39	145	P 2	TWD 14	VH3	+0.78	TEH	TEC					35		COLD	600UL
		0.39	145	P 2	TWD 14	VH3	+0.78	TEH	TEC					35		COLD	600UL
76	136	0.51	120	P 2	TWD 19	VH3	+1.03	TEH	TEC					34		COLD	600UL
		0.52	134	P 2	TWD 19	VSM	-0.80	TEH	TEC					34		COLD	600UL
		0.51	120	P 2	TWD 19	VH3	+1.03	TEH	TEC					34		COLD	600UL
		0.52	134	P 2	TWD 19	VSM	-0.80	TEH	TEC					34		COLD	600UL
77	15	0.33	116	P 2	TWD 13	DBC	-1.25	TEC	TEH					84		HOT	600UL
		0.33	116	P 2	TWD 13	DBC	-1.25	TEC	TEH					84		HOT	600UL
77	17	0.19	64	P 2	TWD 8	DBC	+1.29	TEC	TEH					84		HOT	600UL
		0.17	3	P 2	TWD 8	DBC	+1.29	TEC	TEH					84		HOT	600UL
77	19	0.17	56	P 2	TWD 7	DBC	+2.03	TEC	TEH					84		HOT	600UL
		0.15	48	P 2	TWD 7	DBC	+2.03	TEC	TEH					84		HOT	600UL
77	27	0.28	19	P 2	TWD 13	DBC	+1.53	TEC	TEH					88		HOT	600UL
		0.28	19	P 2	TWD 13	DBC	+1.53	TEC	TEH					88		HOT	600UL
77	29	0.33	137	P 2	TWD 15	VC3	-0.75	TEC	TEH					88		HOT	600UL
		0.16	97	P 2	TWD 8	DBC	-1.60	TEC	TEH					88		HOT	600UL
		0.33	139	P 2	TWD 15	VC3	-0.75	TEC	TEH					88		HOT	600UL
		0.17	96	P 2	TWD 8	DBC	-1.60	TEC	TEH					88		HOT	600UL
77	31	0.32	72	P 2	TWD 14	VC3	+0.81	TEC	TEH					88		HOT	600UL
		0.67	132	P 2	TWD 24	VSM	+0.85	TEC	TEH					88		HOT	600UL
		0.42	121	P 2	TWD 18	DBH	+2.25	TEC	TEH					88		HOT	600UL
		0.32	67	P 2	TWD 15	VC3	+0.81	TEC	TEH					88		HOT	600UL
		0.65	130	P 2	TWD 24	VSM	+0.85	TEC	TEH					88		HOT	600UL
		0.46	145	P 2	TWD 19	DBH	+2.25	TEC	TEH					88		HOT	600UL
77	57	0.40	26	P 2	TWD 14	VC3	+0.20	TEH	TEC					26		COLD	600UL
		0.67	82	P 2	TWD 21	VC3	+0.79	TEH	TEC					26		COLD	600UL
		0.40	26	P 2	TWD 14	VC3	+0.20	TEH	TEC					26		COLD	600UL
		0.67	82	P 2	TWD 21	VC3	+0.79	TEH	TEC					26		COLD	600UL
77	113	0.32	113	P 2	TWD 12	VH3	+0.94	TEH	TEC					48		COLD	600UL
		0.35	134	P 2	TWD 13	VH3	+0.94	TEH	TEC					48		COLD	600UL
77	131	0.39	132	P 2	TWD 14	VH3	-0.84	TEH	TEC					35		COLD	600UL
		0.39	125	P 2	TWD 14	VH3	-0.84	TEH	TEC					35		COLD	600UL
77	161	0.36	45	P 2	TWD 13	07C	-1.00	TEH	TEC					37		COLD	600UL
		0.28	146	P 2	TWD 11	08C	-1.04	TEH	TEC					37		COLD	600UL
		0.27	147	P 2	TWD 10	DBH	+1.82	TEH	TEC	NEW				37		COLD	600UL
		0.31	145	P 2	TWD 10	08C	-1.04	TEH	TEC					37		COLD	600UL
		0.37	65	P 2	TWD 12	07C	-1.00	TEH	TEC					37		COLD	600UL
78	20	0.32	100	P 2	TWD 15	DBH	+1.95	TEC	TEH					85		HOT	600UL
		0.32	100	P 2	TWD 15	DBH	+1.95	TEC	TEH					85		HOT	600UL
78	26	0.84	66	P 2	TWD 28	VC3	+0.96	TEC	TEH					89		HOT	600UL
		0.35	88	P 2	TWD 16	VC3	-0.70	TEC	TEH					89		HOT	600UL
		0.84	65	P 2	TWD 28	VC3	+0.96	TEC	TEH					89		HOT	600UL
		0.36	89	P 2	TWD 15	VC3	-0.70	TEC	TEH					89		HOT	600UL
78	30	0.68	114	P 2	TWD 25	VSM	+0.74	TEC	TEH					89		HOT	600UL
		0.24	30	P 2	TWD 11	VSM	+0.04	TEC	TEH					89		HOT	600UL
		0.64	117	P 2	TWD 24	VSM	+0.74	TEC	TEH					89		HOT	600UL
		0.24	30	P 2	TWD 11	VSM	+0.04	TEC	TEH					89		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
78	38	0.25	41	P 2	TWD 12	DBH	+1.84	TEC	TEH	NEW				94	HOT	600UL
78	124	0.65	116	P 2	TWD 24	VC3	+0.90	TEH	TEC					60	COLD	600UL
		0.46	88	P 2	TWD 19	VC3	-0.78	TEH	TEC					60	COLD	600UL
		0.76	87	P 2	TWD 26	VH3	+0.88	TEH	TEC					60	COLD	600UL
		0.41	95	P 2	TWD 17	VH3	+0.00	TEH	TEC					60	COLD	600UL
		0.41	95	P 2	TWD 17	VH3	+0.00	TEH	TEC					60	COLD	600UL
		0.76	84	P 2	TWD 26	VH3	+0.88	TEH	TEC					60	COLD	600UL
		0.46	88	P 2	TWD 19	VC3	-0.78	TEH	TEC					60	COLD	600UL
		0.68	109	P 2	TWD 25	VC3	+0.90	TEH	TEC					60	COLD	600UL
79	17	0.34	129	P 2	TWD 14	VH3	-0.89	TEC	TEH					84	HOT	600UL
		0.34	129	P 2	TWD 14	VH3	-0.89	TEC	TEH					84	HOT	600UL
79	21	0.22	121	P 2	TWD 11	DBC	+1.50	TEC	TEH					85	HOT	600UL
		0.48	135	P 2	TWD 21	DBH	+1.88	TEC	TEH					85	HOT	600UL
		0.22	121	P 2	TWD 11	DBC	+1.50	TEC	TEH					85	HOT	600UL
		0.48	135	P 2	TWD 21	DBH	+1.88	TEC	TEH					85	HOT	600UL
79	29	0.28	123	P 2	TWD 13	VC3	-0.98	TEC	TEH					89	HOT	600UL
		0.28	116	P 2	TWD 12	VC3	-0.98	TEC	TEH					89	HOT	600UL
79	47	0.28	101	P 2	TWD 11	VC3	-0.89	TEH	TEC					29	COLD	600UL
		0.28	101	P 2	TWD 11	VC3	-0.89	TEH	TEC					29	COLD	600UL
79	55	0.17	166	P 2	TWD 8	DBH	+1.74	TEH	TEC					27	COLD	600UL
		0.17	166	P 2	TWD 8	DBH	+1.74	TEH	TEC					27	COLD	600UL
79	59	0.40	140	P 2	TWD 16	DBH	+2.10	TEH	TEC	NEW				25	COLD	600UL
79	89	0.34	124	P 2	TWD 14	VH3	+0.97	TEH	TEC					22	COLD	600UL
		0.34	139	P 2	TWD 14	VH3	+0.97	TEH	TEC					22	COLD	600UL
		0.27	73	P 2	TWD 11	DBH	+1.93	TEH	TEC	NEW				22	COLD	600UL
79	115	0.42	81	P 2	TWD 17	VC3	-0.84	TEH	TEC					49	COLD	600UL
		0.25	165	P 2	TWD 12	VH3	+0.78	TEH	TEC					49	COLD	600UL
		0.42	81	P 2	TWD 17	VC3	-0.84	TEH	TEC					49	COLD	600UL
		0.24	163	P 2	TWD 11	VH3	+0.78	TEH	TEC					49	COLD	600UL
79	117	0.70	143	P 2	TWD 23	VC3	+0.86	TEH	TEC					62	COLD	600UL
		0.75	119	P 2	TWD 24	VC3	-0.94	TEH	TEC					62	COLD	600UL
		0.34	142	P 2	TWD 13	07H	-0.79	TEH	TEC					62	COLD	600UL
		0.45	48	P 2	TWD 17	02H	-1.23	TEH	TEC					62	COLD	600UL
		0.34	142	P 2	TWD 13	07H	-0.79	TEH	TEC					62	COLD	600UL
		0.75	119	P 2	TWD 24	VC3	-0.94	TEH	TEC					62	COLD	600UL
		0.70	143	P 2	TWD 23	VC3	+0.86	TEH	TEC					62	COLD	600UL
79	125	0.29	132	P 2	TWD 10	VC3	-0.87	TEH	TEC					44	COLD	600UL
		0.43	101	P 2	TWD 14	VC3	+0.91	TEH	TEC					44	COLD	600UL
		0.30	134	P 2	TWD 10	VC3	-0.87	TEH	TEC					44	COLD	600UL
		0.43	106	P 2	TWD 14	VC3	+0.91	TEH	TEC					44	COLD	600UL
79	131	0.34	86	P 2	TWD 13	VSM	-0.50	TEH	TEC					34	COLD	600UL
		0.35	121	P 2	TWD 13	VSM	-0.50	TEH	TEC					34	COLD	600UL
79	161	0.53	72	P 2	TWD 18	DBH	+1.78	TEH	TEC					36	COLD	600UL
		0.55	90	P 2	TWD 18	DBH	+1.78	TEH	TEC					36	COLD	600UL
80	22	0.25	0	P 2	TWD 10	DBH	+1.95	TEC	TEH					84	HOT	600UL
		0.29	126	P 2	TWD 12	DBH	+1.95	TEC	TEH					84	HOT	600UL
80	38	0.32	102	P 2	TWD 14	VC3	-0.87	TEC	TEH					93	HOT	600UL
		0.19	123	P 2	TWD 9	VC3	+0.66	TEC	TEH					93	HOT	600UL
		0.70	111	P 2	TWD 24	VSM	+0.71	TEC	TEH					93	HOT	600UL
		0.79	141	P 2	TWD 26	VH3	-0.83	TEC	TEH					93	HOT	600UL
		0.60	97	P 2	TWD 22	DBH	+1.76	TEC	TEH					93	HOT	600UL
		0.32	101	P 2	TWD 12	VC3	-0.87	TEC	TEH					93	HOT	600UL
		0.70	110	P 2	TWD 24	VSM	+0.71	TEC	TEH					93	HOT	600UL
		0.60	97	P 2	TWD 22	DBH	+1.76	TEC	TEH					93	HOT	600UL
		0.79	141	P 2	TWD 26	VH3	-0.83	TEC	TEH					93	HOT	600UL
		0.18	96	P 2	TWD 8	VC3	+0.66	TEC	TEH					93	HOT	600UL
80	40	0.19	51	P 2	TWD 9	VC3	+0.67	TEC	TEH					93	HOT	600UL
		0.31	62	P 2	TWD 13	VC3	-0.04	TEC	TEH					93	HOT	600UL
		0.25	153	P 2	TWD 11	VH3	+0.44	TEC	TEH					93	HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.gry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.29	80	P 2	TWD 13	VH3	+0.15	TEC	TEH					93		HOT	600UL
		0.26	152	P 2	TWD 10	VH3	+0.44	TEC	TEH					93		HOT	600UL
		0.33	62	P 2	TWD 13	VC3	-0.04	TEC	TEH					93		HOT	600UL
		0.19	51	P 2	TWD 9	VC3	+0.67	TEC	TEH					93		HOT	600UL
		0.29	80	P 2	TWD 13	VH3	+0.15	TEC	TEH					93		HOT	600UL
80	80	0.51	114	P 2	TWD 19	VSM	+0.90	TEH	TEC					22		COLD	600UL
		0.51	108	P 2	TWD 19	VSM	+0.90	TEH	TEC					22		COLD	600UL
80	102	0.72	95	P 2	TWD 19	VC3	-0.90	TEH	TEC					53		COLD	600UL
		0.72	95	P 2	TWD 19	VC3	-0.90	TEH	TEC					53		COLD	600UL
80	140	0.50	115	P 2	TWD 17	VH3	-0.90	TEH	TEC					35		COLD	600UL
		0.43	145	P 2	TWD 16	VH3	+0.78	TEH	TEC					35		COLD	600UL
		1.03	114	P 2	TWD 28	VC3	-0.92	TEH	TEC					35		COLD	600UL
		0.54	131	P 2	TWD 18	VC3	+0.80	TEH	TEC					35		COLD	600UL
		0.50	115	P 2	TWD 17	VH3	-0.90	TEH	TEC					35		COLD	600UL
		0.43	145	P 2	TWD 16	VH3	+0.78	TEH	TEC					35		COLD	600UL
		1.03	114	P 2	TWD 28	VC3	-0.92	TEH	TEC					35		COLD	600UL
		0.54	131	P 2	TWD 18	VC3	+0.80	TEH	TEC					35		COLD	600UL
80	142	0.66	137	P 2	TWD 21	VH3	-0.84	TEH	TEC					35		COLD	600UL
		0.54	149	P 2	TWD 18	VSM	-0.76	TEH	TEC					35		COLD	600UL
		0.57	143	P 2	TWD 19	VC3	-0.86	TEH	TEC					35		COLD	600UL
		0.84	122	P 2	TWD 25	VC3	+0.80	TEH	TEC					35		COLD	600UL
		0.60	133	P 2	TWD 20	VH3	+0.73	TEH	TEC					35		COLD	600UL
		0.28	79	P 2	TWD 11	VSM	+0.92	TEH	TEC					35		COLD	600UL
		0.66	137	P 2	TWD 21	VH3	-0.84	TEH	TEC					35		COLD	600UL
		0.60	133	P 2	TWD 20	VH3	+0.73	TEH	TEC					35		COLD	600UL
		0.54	149	P 2	TWD 18	VSM	-0.76	TEH	TEC					35		COLD	600UL
		0.29	85	P 2	TWD 11	VSM	+0.92	TEH	TEC					35		COLD	600UL
		0.57	143	P 2	TWD 19	VC3	-0.86	TEH	TEC					35		COLD	600UL
		0.84	122	P 2	TWD 25	VC3	+0.80	TEH	TEC					35		COLD	600UL
81	33	0.43	134	P 2	TWD 18	VSM	-0.87	TEC	TEH					88		HOT	600UL
		0.77	130	P 2	TWD 27	VH3	+0.83	TEC	TEH					88		HOT	600UL
		0.54	84	P 2	TWD 21	VH3	+0.06	TEC	TEH					88		HOT	600UL
		0.43	136	P 2	TWD 18	VSM	-0.87	TEC	TEH					88		HOT	600UL
		0.54	85	P 2	TWD 21	VH3	+0.06	TEC	TEH					88		HOT	600UL
		0.77	131	P 2	TWD 27	VH3	+0.83	TEC	TEH					88		HOT	600UL
81	35	0.19	77	P 2	TWD 9	DBC	-1.95	TEC	TEH	NEW				93		HOT	600UL
81	39	0.34	98	P 2	TWD 16	VC3	+0.86	TEC	TEH					94		HOT	600UL
		0.35	92	P 2	TWD 16	VC3	+0.86	TEC	TEH					94		HOT	600UL
81	41	0.50	77	P 2	TWD 19	VH3	+0.06	TEC	TEH					93		HOT	600UL
		0.29	69	P 2	TWD 13	VH3	+0.46	TEC	TEH					93		HOT	600UL
		0.25	142	P 2	TWD 11	VH3	-1.21	TEC	TEH					93		HOT	600UL
		0.29	68	P 2	TWD 11	VH3	+0.46	TEC	TEH					93		HOT	600UL
		0.27	142	P 2	TWD 11	VH3	-1.21	TEC	TEH					93		HOT	600UL
		0.50	77	P 2	TWD 19	VH3	+0.06	TEC	TEH					93		HOT	600UL
81	43	0.31	74	P 2	TWD 13	DBC	+2.02	TEC	TEH					95		HOT	600UL
		0.35	123	P 2	TWD 14	VH3	+0.75	TEC	TEH					95		HOT	600UL
		0.83	121	P 2	TWD 26	VH3	-0.06	TEC	TEH					95		HOT	600UL
		1.07	114	P 2	TWD 30	VH3	-0.92	TEC	TEH					95		HOT	600UL
		0.32	74	P 2	TWD 12	DBC	+2.02	TEC	TEH					95		HOT	600UL
		0.35	125	P 2	TWD 14	VH3	+0.75	TEC	TEH					95		HOT	600UL
		0.84	120	P 2	TWD 26	VH3	-0.06	TEC	TEH					95		HOT	600UL
		1.07	114	P 2	TWD 30	VH3	-0.92	TEC	TEH					95		HOT	600UL
81	57	0.40	47	P 2	TWD 14	07H	+0.93	TEH	TEC					26		COLD	600UL
		0.40	47	P 2	TWD 14	07H	+0.93	TEH	TEC					26		COLD	600UL
81	59	0.88	138	P 2	TWD 26	VC3	-0.77	TEH	TEC					24		COLD	600UL
		0.64	102	P 2	TWD 22	VC3	-0.17	TEH	TEC					24		COLD	600UL
		0.45	77	P 2	TWD 16	DBH	+1.62	TEH	TEC	NEW				24		COLD	600UL
		0.87	136	P 2	TWD 26	VC3	-0.77	TEH	TEC					24		COLD	600UL
		0.67	99	P 2	TWD 22	VC3	-0.17	TEH	TEC					24		COLD	600UL
81	63	0.31	72	P 2	TWD 12	VSM	-0.86	TEH	TEC					24		COLD	600UL
		0.31	72	P 2	TWD 12	VSM	-0.86	TEH	TEC					24		COLD	600UL
81	65	0.73	140	P 2	TWD 23	VSM	+0.86	TEH	TEC					24		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.73	140	P 2	TWD 23		VSM	+0.86	TEH	TEC				24		COLD	600UL
81	69	0.24	117	P 2	TWD 9		DBH	+1.80	TEH	TEC				24		COLD	600UL
		0.31	40	P 2	TWD 12		VSM	-0.64	TEH	TEC				24		COLD	600UL
		0.23	136	P 2	TWD 9		VC3	-1.03	TEH	TEC				24		COLD	600UL
		0.55	67	P 2	TWD 19		VC3	+0.88	TEH	TEC				24		COLD	600UL
		0.29	57	P 2	TWD 11		VSM	-0.64	TEH	TEC				24		COLD	600UL
		0.55	67	P 2	TWD 19		VC3	+0.88	TEH	TEC				24		COLD	600UL
		0.24	111	P 2	TWD 10		DBH	+1.80	TEH	TEC				24		COLD	600UL
		0.23	136	P 2	TWD 10		VC3	-1.03	TEH	TEC				24		COLD	600UL
81	81	0.31	158	P 2	TWD 13		VH3	-0.75	TEH	TEC				23		COLD	600UL
		0.47	148	P 2	TWD 19		VH3	+0.72	TEH	TEC				23		COLD	600UL
		0.35	126	P 2	TWD 15		VSM	+0.85	TEH	TEC				23		COLD	600UL
		0.54	126	P 2	TWD 21		VC3	-0.87	TEH	TEC				23		COLD	600UL
		0.51	69	P 2	TWD 20		VC3	+0.83	TEH	TEC				23		COLD	600UL
		0.61	71	P 2	TWD 23		VC3	-0.04	TEH	TEC				23		COLD	600UL
		0.47	148	P 2	TWD 19		VH3	+0.72	TEH	TEC				23		COLD	600UL
		0.51	71	P 2	TWD 20		VC3	+0.83	TEH	TEC				23		COLD	600UL
		0.34	129	P 2	TWD 15		VSM	+0.85	TEH	TEC				23		COLD	600UL
		0.54	128	P 2	TWD 21		VC3	-0.87	TEH	TEC				23		COLD	600UL
		0.31	158	P 2	TWD 13		VH3	-0.75	TEH	TEC				23		COLD	600UL
		0.34	65	P 2	TWD 15		VC3	-0.04	TEH	TEC				23		COLD	600UL
81	111	0.92	140	P 2	TWD 27		VC3	-0.87	TEH	TEC				48		COLD	600UL
		0.57	126	P 2	TWD 20		VC3	+0.72	TEH	TEC				48		COLD	600UL
		0.34	157	P 2	TWD 13		VH3	+0.81	TEH	TEC				48		COLD	600UL
		0.34	157	P 2	TWD 13		VH3	+0.81	TEH	TEC				48		COLD	600UL
		0.92	140	P 2	TWD 27		VC3	-0.87	TEH	TEC				48		COLD	600UL
		0.57	126	P 2	TWD 20		VC3	+0.72	TEH	TEC				48		COLD	600UL
81	113	0.64	96	P 2	TWD 21		08H	-0.38	TEH	TEC				48		COLD	600UL
		0.81	107	P 2	TWD 25		VSM	-0.56	TEH	TEC				48		COLD	600UL
		0.28	139	P 2	TWD 11		VC3	+0.64	TEH	TEC				48		COLD	600UL
		0.64	96	P 2	TWD 21		08H	-0.38	TEH	TEC				48		COLD	600UL
		0.81	107	P 2	TWD 25		VSM	-0.56	TEH	TEC				48		COLD	600UL
		0.28	139	P 2	TWD 11		VC3	+0.64	TEH	TEC				48		COLD	600UL
81	121	0.77	119	P 2	TWD 24		VH3	-0.85	TEH	TEC				46		COLD	600UL
		0.53	161	P 2	TWD 19		VH3	+0.78	TEH	TEC				46		COLD	600UL
		0.77	119	P 2	TWD 24		VH3	-0.85	TEH	TEC				46		COLD	600UL
		0.53	161	P 2	TWD 19		VH3	+0.78	TEH	TEC				46		COLD	600UL
81	129	0.87	124	P 2	TWD 24		VC3	+0.83	TEH	TEC				44		COLD	600UL
		0.39	81	P 2	TWD 13		VH3	+0.99	TEH	TEC				44		COLD	600UL
		0.88	124	P 2	TWD 25		VC3	+0.83	TEH	TEC				44		COLD	600UL
		0.39	84	P 2	TWD 13		VH3	+0.99	TEH	TEC				44		COLD	600UL
81	141	0.45	162	P 2	TWD 16		VH3	-0.69	TEH	TEC				35		COLD	600UL
		0.44	145	P 2	TWD 16		VH3	+0.94	TEH	TEC				35		COLD	600UL
		0.43	141	P 2	TWD 16		VH3	+0.94	TEH	TEC				35		COLD	600UL
		0.45	162	P 2	TWD 16		VH3	-0.69	TEH	TEC				35		COLD	600UL
82	20	0.20	120	P 2	TWD 10		DBC	+2.04	TEC	TEH	NEW			85		HOT	600UL
82	22	0.23	122	P 2	TWD 11		DBC	+1.55	TEC	TEH				85		HOT	600UL
		0.23	124	P 2	TWD 11		DBC	+1.55	TEC	TEH				85		HOT	600UL
82	28	0.27	36	P 2	TWD 13		DBH	-2.01	TEC	TEH	NEW			89		HOT	600UL
82	62	0.42	35	P 2	TWD 16		VH3	+0.79	TEH	TEC				24		COLD	600UL
		0.43	34	P 2	TWD 16		VH3	+0.79	TEH	TEC				24		COLD	600UL
82	68	0.33	138	P 2	TWD 13		VSM	-0.39	TEH	TEC				25		COLD	600UL
		0.41	145	P 2	TWD 16		VH3	-0.71	TEH	TEC				25		COLD	600UL
		0.40	145	P 2	TWD 16		VH3	-0.71	TEH	TEC				25		COLD	600UL
		0.33	138	P 2	TWD 13		VSM	-0.39	TEH	TEC				25		COLD	600UL
82	74	0.58	31	P 2	TWD 21		DBH	+2.01	TEH	TEC	NEW			22		COLD	600UL
82	100	0.41	35	P 2	TWD 17		VH3	+0.73	TEC	TEH				90		HOT	600UL
		0.43	97	P 2	TWD 18		VH3	-0.69	TEC	TEH				90		HOT	600UL
		0.41	35	P 2	TWD 17		VH3	+0.73	TEC	TEH				90		HOT	600UL
		0.43	97	P 2	TWD 17		VH3	-0.69	TEC	TEH				90		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
82	110	0.37	59	P 2	TWD 16	VH3	+0.88	TEH	TEC	NEW				49	COLD	600UL
82	130	0.87	137	P 2	TWD 25	VH3	-0.86	TEH	TEC					35	COLD	600UL
		0.38	131	P 2	TWD 14	VC3	-0.82	TEH	TEC					35	COLD	600UL
		0.87	137	P 2	TWD 25	VH3	-0.86	TEH	TEC					35	COLD	600UL
		0.38	131	P 2	TWD 14	VC3	-0.82	TEH	TEC					35	COLD	600UL
82	132	0.32	140	P 2	TWD 13	VH3	-0.80	TEH	TEC					34	COLD	600UL
		0.48	123	P 2	TWD 18	VH3	+0.82	TEH	TEC					34	COLD	600UL
		0.32	140	P 2	TWD 13	VH3	-0.80	TEH	TEC					34	COLD	600UL
		0.48	123	P 2	TWD 18	VH3	+0.82	TEH	TEC					34	COLD	600UL
82	152	0.41	149	P 2	TWD 15	08C	-0.21	TEH	TEC					35	COLD	600UL
		0.09	23	P 2	TWD 4	08C	+0.08	TEH	TEC					35	COLD	600UL
		0.41	148	P 2	TWD 15	08C	-0.21	TEH	TEC					35	COLD	600UL
		0.10	22	P 2	TWD 4	08C	+0.08	TEH	TEC					35	COLD	600UL
83	101	0.23	111	P 2	TWD 10	07H	-0.61	TEC	TEH					90	HOT	600UL
		0.23	111	P 2	TWD 10	07H	-0.61	TEC	TEH					90	HOT	600UL
83	117	0.37	131	P 2	TWD 14	05C	+0.48	TEH	TEC					62	COLD	600UL
		0.48	49	P 2	TWD 17	01H	+0.93	TEH	TEC					62	COLD	600UL
83	121	0.35	108	P 2	TWD 14	01H	+0.86	TEH	TEC					62	COLD	600UL
83	139	0.26	157	P 2	TWD 11	VH2	+0.92	TEH	TEC					34	COLD	600UL
		0.26	157	P 2	TWD 11	VH2	+0.92	TEH	TEC					34	COLD	600UL
83	153	0.36	104	P 2	TWD 13	VH2	+0.90	TEH	TEC					34	COLD	600UL
		0.36	104	P 2	TWD 13	VH2	+0.90	TEH	TEC					34	COLD	600UL
84	38	0.38	142	P 2	TWD 16	VH2	+0.72	TEC	TEH					93	HOT	600UL
		0.38	142	P 2	TWD 15	VH2	+0.72	TEC	TEH					93	HOT	600UL
84	58	0.32	151	P 2	TWD 11	09H	-1.24	TEH	TEC					26	COLD	600UL
		0.73	44	P 2	TWD 22	09H	+1.75	TEH	TEC	LOCOK				26	COLD	600UL
		0.32	151	P 2	TWD 11	09H	-1.24	TEH	TEC					26	COLD	600UL
		0.73	44	P 2	TWD 22	09H	+1.75	TEH	TEC					26	COLD	600UL
84	68	0.49	161	P 2	TWD 18	09H	-1.50	TEH	TEC					24	COLD	600UL
		0.48	159	P 2	TWD 18	09H	-1.50	TEH	TEC	LOCOK				24	COLD	600UL
84	70	0.28	109	P 2	TWD 11	09H	-1.35	TEH	TEC					24	COLD	600UL
		0.28	123	P 2	TWD 11	09H	-1.35	TEH	TEC	LOCOK				24	COLD	600UL
84	88	0.84	144	P 2	TWD 27	DBH	+1.90	TEH	TEC					22	COLD	600UL
		0.65	113	P 2	TWD 23	DBH	-1.75	TEH	TEC					22	COLD	600UL
		0.83	134	P 2	TWD 27	DBH	+1.90	TEH	TEC					22	COLD	600UL
		0.68	113	P 2	TWD 23	DBH	-1.75	TEH	TEC					22	COLD	600UL
84	94	0.28	130	P 2	TWD 11	VH2	+0.88	TEC	TEH	NEW				87	HOT	600UL
84	98	0.26	122	P 2	TWD 12	09H	-1.14	TEC	TEH					90	HOT	600UL
		0.26	122	P 2	TWD 11	09H	-1.14	TEC	TEH					90	HOT	600UL
84	100	0.66	129	P 2	TWD 24	09H	-1.41	TEC	TEH					90	HOT	600UL
		0.38	44	P 2	TWD 16	09H	+1.45	TEC	TEH					90	HOT	600UL
		0.36	59	P 2	TWD 16	09H	+1.45	TEC	TEH	LOCOK				90	HOT	600UL
		0.66	132	P 2	TWD 24	09H	-1.41	TEC	TEH	LOCOK				90	HOT	600UL
84	102	0.54	131	P 2	TWD 15	07H	-0.87	TEH	TEC					53	COLD	600UL
		0.35	48	P 2	TWD 10	09H	-1.44	TEH	TEC					53	COLD	600UL
		0.39	146	P 2	TWD 11	09H	+1.42	TEH	TEC					53	COLD	600UL
		0.54	131	P 2	TWD 15	07H	-0.87	TEH	TEC					53	COLD	600UL
		0.35	41	P 2	TWD 11	09H	-1.44	TEH	TEC	LOCOK				53	COLD	600UL
		0.39	146	P 2	TWD 11	09H	+1.42	TEH	TEC	LOCOK				53	COLD	600UL
84	106	0.56	137	P 2	TWD 16	09H	-1.42	TEH	TEC					53	COLD	600UL
		0.80	134	P 2	TWD 21	09H	+1.54	TEH	TEC					53	COLD	600UL
		0.56	138	P 2	TWD 16	09H	-1.42	TEH	TEC	LOCOK				53	COLD	600UL
		0.81	133	P 2	TWD 21	09H	+1.54	TEH	TEC	LOCOK				53	COLD	600UL
84	108	0.51	152	P 2	TWD 14	09H	-1.68	TEH	TEC					53	COLD	600UL
		0.45	132	P 2	TWD 13	09H	+1.50	TEH	TEC					53	COLD	600UL
		0.47	134	P 2	TWD 14	09H	+1.50	TEH	TEC	LOCOK				53	COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.51	150	P 2	TWD	15	09H	-1.68	TEH	TEC	LOCOK			53		COLD	600UL
84	110	0.46	49	P 2	TWD	17	08H	+0.02	TEH	TEC				48		COLD	600UL
		0.77	144	P 2	TWD	24	09H	-1.35	TEH	TEC	LOCOK			48		COLD	600UL
		0.85	102	P 2	TWD	26	09H	+1.49	TEH	TEC	LOCOK			48		COLD	600UL
		0.41	69	P 2	TWD	15	08H	+0.02	TEH	TEC				48		COLD	600UL
		0.77	145	P 2	TWD	24	09H	-1.35	TEH	TEC	LOCOK			48		COLD	600UL
		0.85	102	P 2	TWD	26	09H	+1.49	TEH	TEC	LOCOK			48		COLD	600UL
84	114	0.54	146	P 2	TWD	19	09H	-1.29	TEH	TEC	LOCOK			48		COLD	600UL
		0.47	125	P 2	TWD	17	09H	+1.84	TEH	TEC	LOCOK			48		COLD	600UL
		0.47	125	P 2	TWD	17	09H	+1.84	TEH	TEC	LOCOK			48		COLD	600UL
		0.54	146	P 2	TWD	19	09H	-1.29	TEH	TEC	LOCOK			48		COLD	600UL
84	116	0.49	122	P 2	TWD	18	09H	-1.36	TEH	TEC	LOCOK			48		COLD	600UL
		0.37	113	P 2	TWD	14	09H	+1.66	TEH	TEC	LOCOK			48		COLD	600UL
		0.49	122	P 2	TWD	18	09H	-1.36	TEH	TEC	LOCOK			48		COLD	600UL
		0.37	125	P 2	TWD	14	09H	+1.66	TEH	TEC	LOCOK			48		COLD	600UL
84	118	0.45	139	P 2	TWD	16	09H	-1.20	TEH	TEC				46		COLD	600UL
		0.45	139	P 2	TWD	16	09H	-1.20	TEH	TEC				46		COLD	600UL
84	122	0.44	132	P 2	TWD	16	09H	-1.55	TEH	TEC	NEW	LOCOK		62		COLD	600UL
84	130	0.38	88	P 2	TWD	15	VH2	+0.89	TEH	TEC				34		COLD	600UL
		0.38	88	P 2	TWD	15	VH2	+0.89	TEH	TEC				34		COLD	600UL
85	57	1.03	120	P 2	TWD	28	08H	-0.79	TEH	TEC				26		COLD	600UL
		1.03	120	P 2	TWD	28	08H	-0.79	TEH	TEC				26		COLD	600UL
85	61	0.58	121	P 2	TWD	20	08H	+0.52	TEH	TEC				24		COLD	600UL
		0.58	121	P 2	TWD	20	08H	+0.52	TEH	TEC				24		COLD	600UL
85	83	0.25	141	P 2	TWD	11	06H	+0.85	TEH	TEC				23		COLD	600UL
85	97	0.27	71	P 2	TWD	12	09H	+1.24	TEC	TEH				87		HOT	600UL
		0.44	102	P 2	TWD	17	09H	-0.95	TEC	TEH				87		HOT	600UL
		0.24	68	P 2	TWD	10	09H	+1.24	TEC	TEH				87		HOT	600UL
		0.44	102	P 2	TWD	17	09H	-0.95	TEC	TEH				87		HOT	600UL
85	117	0.61	115	P 2	TWD	21	09H	-1.48	TEH	TEC				46		COLD	600UL
		0.61	115	P 2	TWD	21	09H	-1.48	TEH	TEC	LOCOK			46		COLD	600UL
85	157	0.32	30	P 2	TWD	12	DBH	+1.73	TEH	TEC				36		COLD	600UL
		0.36	28	P 2	TWD	13	DBH	+1.73	TEH	TEC				36		COLD	600UL
86	48	0.26	84	P 2	TWD	10	VH2	-0.88	TEH	TEC				29		COLD	600UL
		0.26	88	P 2	TWD	10	VH2	-0.88	TEH	TEC				29		COLD	600UL
86	58	0.45	57	P 2	TWD	19	VH2	+0.62	TEH	TEC				27		COLD	600UL
		0.45	57	P 2	TWD	19	VH2	+0.62	TEH	TEC				27		COLD	600UL
86	60	0.32	142	P 2	TWD	12	08H	-0.88	TEH	TEC				24		COLD	600UL
		0.41	159	P 2	TWD	15	09H	-0.85	TEH	TEC				24		COLD	600UL
		0.29	149	P 2	TWD	11	08H	-0.88	TEH	TEC				24		COLD	600UL
		0.40	159	P 2	TWD	15	09H	-0.85	TEH	TEC				24		COLD	600UL
86	98	0.26	35	P 2	TWD	12	06H	+0.78	TEC	TEH				90		HOT	600UL
86	102	0.30	164	P 2	TWD	14	09H	+0.58	TEH	TEC				54		COLD	600UL
		0.30	164	P 2	TWD	14	09H	+0.58	TEH	TEC				54		COLD	600UL
86	108	0.49	47	P 2	TWD	20	VH2	-0.72	TEH	TEC				54		COLD	600UL
		0.49	47	P 2	TWD	20	VH2	-0.72	TEH	TEC				54		COLD	600UL
86	112	0.36	47	P 2	TWD	16	08H	-0.14	TEH	TEC	NEW			49		COLD	600UL
86	114	0.34	70	P 2	TWD	15	VH2	-0.66	TEH	TEC	NEW			49		COLD	600UL
86	116	0.39	112	P 2	TWD	17	VH2	-0.62	TEH	TEC	NEW			49		COLD	600UL
86	118	0.44	130	P 2	TWD	16	VH2	-0.58	TEH	TEC				62		COLD	600UL
		0.44	130	P 2	TWD	16	VH2	-0.58	TEH	TEC				62		COLD	600UL
87	61	0.55	39	P 2	TWD	20	08H	+0.75	TEH	TEC				25		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.55	39	P 2	TWD	20	08H	+0.75	TEH	TEC				25		COLD	600UL
87	99	0.30	42	P 2	TWD	13	09H	+0.97	TEC	TEH				90		HOT	600UL
		0.24	80	P 2	TWD	11	08H	-0.45	TEC	TEH				90		HOT	600UL
		0.34	151	P 2	TWD	15	07H	+0.91	TEC	TEH				90		HOT	600UL
		0.36	156	P 2	TWD	15	07H	+0.91	TEC	TEH				90		HOT	600UL
		0.34	122	P 2	TWD	15	08H	-0.45	TEC	TEH				90		HOT	600UL
		0.28	55	P 2	TWD	13	09H	+0.97	TEC	TEH				90		HOT	600UL
87	101	0.35	132	P 2	TWD	15	07H	+0.23	TEC	TEH				90		HOT	600UL
		0.35	133	P 2	TWD	15	07H	+0.23	TEC	TEH				90		HOT	600UL
87	111	0.21	84	P 2	TWD	10	08H	-0.52	TEH	TEC				49		COLD	600UL
		0.22	108	P 2	TWD	10	08H	-0.52	TEH	TEC				49		COLD	600UL
87	117	0.40	117	P 2	TWD	15	09H	+0.32	TEH	TEC				62		COLD	600UL
		0.40	117	P 2	TWD	15	09H	+0.32	TEH	TEC				62		COLD	600UL
88	36	0.39	150	P 2	TWD	16	VH2	-1.14	TEC	TEH				93		HOT	600UL
		0.38	148	P 2	TWD	16	VH2	-1.14	TEC	TEH				93		HOT	600UL
88	48	0.37	40	P 2	TWD	14	VH2	-0.68	TEH	TEC				29		COLD	600UL
		0.36	43	P 2	TWD	14	VH2	-0.68	TEH	TEC				29		COLD	600UL
88	68	0.43	90	P 2	TWD	16	08H	-1.01	TEH	TEC				24		COLD	600UL
		0.43	90	P 2	TWD	16	08H	-1.01	TEH	TEC				24		COLD	600UL
88	124	0.50	107	P 2	TWD	16	VH2	-0.80	TEH	TEC				44		COLD	600UL
		0.50	107	P 2	TWD	16	VH2	-0.80	TEH	TEC				44		COLD	600UL
88	126	0.46	105	P 2	TWD	15	VH2	-0.84	TEH	TEC				44		COLD	600UL
		0.51	81	P 2	TWD	16	VH2	-0.84	TEH	TEC				44		COLD	600UL
89	29	0.37	142	P 2	TWD	16	VH2	+0.93	TEC	TEH				88		HOT	600UL
		0.57	122	P 2	TWD	22	VH2	-0.02	TEC	TEH				88		HOT	600UL
		0.37	129	P 2	TWD	16	VH2	-1.02	TEC	TEH				88		HOT	600UL
		0.38	143	P 2	TWD	16	VH2	+0.93	TEC	TEH				88		HOT	600UL
		0.57	120	P 2	TWD	22	VH2	-0.02	TEC	TEH				88		HOT	600UL
		0.38	132	P 2	TWD	16	VH2	-1.02	TEC	TEH				88		HOT	600UL
89	57	0.45	39	P 2	TWD	15	09H	+0.51	TEH	TEC				26		COLD	600UL
		0.45	39	P 2	TWD	15	09H	+0.51	TEH	TEC				26		COLD	600UL
89	59	0.43	43	P 2	TWD	16	09H	+0.81	TEH	TEC				24		COLD	600UL
		0.29	23	P 2	TWD	11	01H	+0.78	TEH	TEC				24		COLD	600UL
		0.43	43	P 2	TWD	16	09H	+0.81	TEH	TEC				24		COLD	600UL
89	61	0.64	113	P 2	TWD	22	09H	+0.69	TEH	TEC				24		COLD	600UL
		0.64	113	P 2	TWD	22	09H	+0.69	TEH	TEC				24		COLD	600UL
89	79	0.57	125	P 2	TWD	21	09H	-0.15	TEH	TEC				22		COLD	600UL
		0.59	136	P 2	TWD	21	09H	-0.15	TEH	TEC				22		COLD	600UL
89	101	0.44	144	P 2	TWD	18	07H	+1.03	TEC	TEH				90		HOT	600UL
		0.49	147	P 2	TWD	19	07H	+1.03	TEC	TEH				90		HOT	600UL
89	113	0.47	129	P 2	TWD	17	09H	+0.52	TEH	TEC				48		COLD	600UL
		0.47	129	P 2	TWD	17	09H	+0.52	TEH	TEC				48		COLD	600UL
89	151	0.40	123	P 2	TWD	15	VC3	-0.78	TEH	TEC				35		COLD	600UL
		0.40	123	P 2	TWD	15	VC3	-0.78	TEH	TEC				35		COLD	600UL
90	52	0.30	149	P 2	TWD	14	VH2	-0.58	TEH	TEC				4		COLD	600UL
		0.30	149	P 2	TWD	14	VH2	-0.58	TEH	TEC				4		COLD	600UL
90	62	0.47	72	P 2	TWD	17	VH2	-0.70	TEH	TEC				5		COLD	600UL
		0.47	72	P 2	TWD	17	VH2	-0.70	TEH	TEC				5		COLD	600UL
90	72	0.32	95	P 2	TWD	15	08H	-0.30	TEH	TEC				6		COLD	600UL
		0.32	95	P 2	TWD	15	08H	-0.30	TEH	TEC				6		COLD	600UL
90	78	0.33	76	P 2	TWD	14	09H	-0.09	TEH	TEC				8		COLD	600UL
		0.24	53	P 2	TWD	11	09H	+0.67	TEH	TEC				8		COLD	600UL
		0.33	76	P 2	TWD	14	09H	-0.09	TEH	TEC				8		COLD	600UL
		0.24	53	P 2	TWD	12	09H	+0.67	TEH	TEC				8		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
90	102	0.23	148	P 2	TWD 10	09H	+0.86	TEH	TEC					15		COLD	600UL
		0.58	127	P 2	TWD 19	08H	+0.86	TEH	TEC					15		COLD	600UL
		0.58	127	P 2	TWD 19	08H	+0.86	TEH	TEC					15		COLD	600UL
		0.22	145	P 2	TWD 8	09H	+0.86	TEH	TEC					15		COLD	600UL
91	21	0.44	83	P 2	TWD 18	VH2	-1.08	TEC	TEH					73		HOT	600UL
		0.44	83	P 2	TWD 18	VH2	-1.08	TEC	TEH					73		HOT	600UL
91	25	0.25	137	P 2	TWD 11	VH2	+0.80	TEC	TEH					73		HOT	600UL
		0.26	137	P 2	TWD 12	VH2	+0.80	TEC	TEH					73		HOT	600UL
91	37	0.32	102	P 2	TWD 14	VH2	+0.84	TSH	TEC	NEW				2		COLD	600UL
91	49	0.30	148	P 2	TWD 12	VH2	-0.60	TEH	TEC					3		COLD	600UL
		0.30	148	P 2	TWD 12	VH2	-0.60	TEH	TEC					3		COLD	600UL
91	69	0.45	107	P 2	TWD 19	08H	+0.92	TEH	TEC					6		COLD	600UL
		0.45	132	P 2	TWD 19	09H	-0.06	TEH	TEC					6		COLD	600UL
		0.42	106	P 2	TWD 19	08H	+0.92	TEH	TEC					6		COLD	600UL
		0.45	132	P 2	TWD 19	09H	-0.06	TEH	TEC					6		COLD	600UL
91	73	0.75	140	P 2	TWD 26	09H	-0.32	TEH	TEC					8		COLD	600UL
		0.32	126	P 2	TWD 14	08H	+0.82	TEH	TEC					8		COLD	600UL
		0.32	126	P 2	TWD 14	08H	+0.82	TEH	TEC					8		COLD	600UL
		0.75	140	P 2	TWD 26	09H	-0.32	TEH	TEC					8		COLD	600UL
91	79	0.37	128	P 2	TWD 16	09H	+0.48	TEH	TEC					8		COLD	600UL
		0.27	92	P 2	TWD 12	07H	+0.32	TEH	TEC					8		COLD	600UL
		0.40	75	P 2	TWD 17	09H	+0.48	TEH	TEC					8		COLD	600UL
		0.27	92	P 2	TWD 12	07H	+0.32	TEH	TEC	LAR				8		COLD	600UL
91	81	0.27	94	P 2	TWD 12	09H	-0.04	TEH	TEC					8		COLD	600UL
		0.27	93	P 2	TWD 12	09H	-0.04	TEH	TEC					8		COLD	600UL
91	99	0.33	56	P 2	TWD 13	08H	+0.96	TEH	TEC					13		COLD	600UL
		0.31	24	P 2	TWD 12	08H	-0.92	TEH	TEC					13		COLD	600UL
		0.22	146	P 2	TWD 9	09H	+0.00	TEH	TEC					13		COLD	600UL
		0.32	30	P 2	TWD 13	08H	-0.92	TEH	TEC					13		COLD	600UL
		0.35	63	P 2	TWD 15	08H	+0.96	TEH	TEC					13		COLD	600UL
		0.19	150	P 2	TWD 8	09H	+0.00	TEH	TEC					13		COLD	600UL
91	103	0.43	109	P 2	TWD 14	08H	+0.82	TEH	TEC					15		COLD	600UL
		0.43	109	P 2	TWD 14	08H	+0.82	TEH	TEC					15		COLD	600UL
91	105	0.43	76	P 2	TWD 14	09H	-0.15	TEH	TEC					15		COLD	600UL
		0.43	75	P 2	TWD 16	09H	-0.15	TEH	TEC					15		COLD	600UL
91	111	0.57	81	P 2	TWD 18	09H	-0.21	TEH	TEC					15		COLD	600UL
		0.57	75	P 2	TWD 18	09H	-0.21	TEH	TEC					15		COLD	600UL
91	113	0.30	116	P 2	TWD 11	09H	-0.34	TEH	TEC					15		COLD	600UL
		0.62	76	P 2	TWD 19	09H	+0.43	TEH	TEC					15		COLD	600UL
		0.30	116	P 2	TWD 11	09H	-0.34	TEH	TEC					15		COLD	600UL
		0.62	76	P 2	TWD 19	09H	+0.43	TEH	TEC					15		COLD	600UL
91	115	0.36	128	P 2	TWD 12	09H	+0.30	TEH	TEC					15		COLD	600UL
		0.35	126	P 2	TWD 14	09H	+0.30	TEH	TEC					15		COLD	600UL
92	66	0.35	142	P 2	TWD 13	09H	-0.13	TEH	TEC					5		COLD	600UL
		0.33	22	P 2	TWD 13	09H	+1.03	TEH	TEC					5		COLD	600UL
		0.33	22	P 2	TWD 13	09H	+1.03	TEH	TEC					5		COLD	600UL
		0.35	141	P 2	TWD 13	09H	-0.13	TEH	TEC					5		COLD	600UL
92	68	0.88	125	P 2	TWD 27	09H	-0.19	TEH	TEC					5		COLD	600UL
		0.88	126	P 2	TWD 27	09H	-0.19	TEH	TEC					5		COLD	600UL
92	72	0.26	36	P 2	TWD 10	09H	+0.62	TEH	TEC					5		COLD	600UL
		0.52	134	P 2	TWD 19	09H	-0.06	TEH	TEC					5		COLD	600UL
		0.36	117	P 2	TWD 14	05H	+0.81	TEH	TEC					5		COLD	600UL
		0.26	36	P 2	TWD 10	09H	+0.62	TEH	TEC					5		COLD	600UL
		0.52	134	P 2	TWD 19	09H	-0.06	TEH	TEC					5		COLD	600UL
92	74	0.55	113	P 2	TWD 20	07H	+0.86	TEH	TEC					7		COLD	600UL
		0.32	30	P 2	TWD 13	09H	+0.99	TEH	TEC					7		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.56	114	P 2	TWD	20	07H		TEH	TEC				7		COLD	600UL
		0.39	28	P 2	TWD	16	09H		TEH	TEC				7		COLD	600UL
92	76	0.35	73	P 2	TWD	14	09H		TEH	TEC				7		COLD	600UL
		0.39	80	P 2	TWD	16	09H		TEH	TEC				7		COLD	600UL
92	98	0.30	64	P 2	TWD	12	08H		TEH	TEC				13		COLD	600UL
		0.30	61	P 2	TWD	13	08H		TEH	TEC				13		COLD	600UL
92	102	0.81	105	P 2	TWD	25	09H		TEH	TEC				15		COLD	600UL
		0.80	107	P 2	TWD	23	09H		TEH	TEC				15		COLD	600UL
92	104	0.28	113	P 2	TWD	13	09H		TEH	TEC				16		COLD	600UL
		0.36	129	P 2	TWD	16	09H		TEH	TEC				16		COLD	600UL
		0.29	102	P 2	TWD	14	09H		TEH	TEC				16		COLD	600UL
		0.37	126	P 2	TWD	17	09H		TEH	TEC				16		COLD	600UL
92	112	0.77	107	P 2	TWD	23	09H		TEH	TEC				15		COLD	600UL
		0.34	89	P 2	TWD	12	09H		TEH	TEC				15		COLD	600UL
		0.77	106	P 2	TWD	24	09H		TEH	TEC				15		COLD	600UL
		0.34	77	P 2	TWD	12	09H		TEH	TEC				15		COLD	600UL
93	35	0.25	24	P 2	TWD	11	VH2		TEC	TEH				76		HOT	600UL
		0.25	24	P 2	TWD	11	VH2		TEC	TEH				76		HOT	600UL
93	61	0.82	118	P 2	TWD	26	09H		TEH	TEC				5		COLD	600UL
		0.83	117	P 2	TWD	26	09H		TEH	TEC				5		COLD	600UL
93	63	0.30	57	P 2	TWD	12	09H		TEH	TEC				5		COLD	600UL
		0.31	56	P 2	TWD	12	09H		TEH	TEC				5		COLD	600UL
93	69	0.37	145	P 2	TWD	14	09H		TEH	TEC				5		COLD	600UL
		0.37	145	P 2	TWD	14	09H		TEH	TEC				5		COLD	600UL
93	73	0.33	162	P 2	TWD	13	09H		TEH	TEC				7		COLD	600UL
		0.33	162	P 2	TWD	13	09H		TEH	TEC				7		COLD	600UL
93	75	0.85	74	P 2	TWD	27	09H		TEH	TEC				7		COLD	600UL
		0.85	73	P 2	TWD	27	09H		TEH	TEC				7		COLD	600UL
93	77	0.37	30	P 2	TWD	15	09H		TEH	TEC	NEW			7		COLD	600UL
93	79	0.31	61	P 2	TWD	12	09H		TEH	TEC				7		COLD	600UL
		0.31	61	P 2	TWD	13	09H		TEH	TEC				7		COLD	600UL
93	97	0.53	125	P 2	TWD	21	09H		TEH	TEC				14		COLD	600UL
		0.20	127	P 2	TWD	10	09H		TEH	TEC				14		COLD	600UL
		0.53	125	P 2	TWD	21	09H		TEH	TEC				14		COLD	600UL
		0.20	127	P 2	TWD	10	09H		TEH	TEC				14		COLD	600UL
93	105	0.33	103	P 2	TWD	15	08H		TEH	TEC				16		COLD	600UL
		0.33	102	P 2	TWD	16	08H		TEH	TEC				16		COLD	600UL
93	111	0.43	120	P 2	TWD	19	08H		TEH	TEC				16		COLD	600UL
		0.43	116	P 2	TWD	19	08H		TEH	TEC				16		COLD	600UL
93	113	0.28	62	P 2	TWD	14	09H		TEH	TEC				16		COLD	600UL
		0.30	49	P 2	TWD	15	09H		TEH	TEC				16		COLD	600UL
93	149	0.26	50	P 2	TWD	13	DBC		TEH	TEC	NEW			21		COLD	600UL
94	28	0.49	92	P 2	TWD	19	VSM		TEC	TEH				73		HOT	600UL
		0.38	60	P 2	TWD	16	VH3		TEC	TEH				73		HOT	600UL
		0.49	92	P 2	TWD	19	VSM		TEC	TEH				73		HOT	600UL
		0.39	66	P 2	TWD	16	VH3		TEC	TEH				73		HOT	600UL
94	38	0.24	151	P 2	TWD	11	VH2		TEH	TEC				2		COLD	600UL
		0.23	148	P 2	TWD	11	VH2		TEH	TEC				2		COLD	600UL
94	40	0.85	129	P 2	TWD	25	VSM		TEH	TEC				1		COLD	600UL
		0.85	129	P 2	TWD	25	VSM		TEH	TEC				1		COLD	600UL
94	50	0.34	102	P 2	TWD	14	08H		TEH	TEC	NEW			3		COLD	600UL
94	62	0.30	124	P 2	TWD	14	09H		TEH	TEC				6		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.30	125	P 2	TWD	14	09H	+0.00	TEH	TEC				6		COLD	600UL
94	64	0.21	146	P 2	TWD	10	08H	-0.47	TEH	TEC				6		COLD	600UL
		0.32	69	P 2	TWD	15	09H	+0.28	TEH	TEC				6		COLD	600UL
		0.32	69	P 2	TWD	15	09H	+0.28	TEH	TEC				6		COLD	600UL
		0.22	150	P 2	TWD	11	08H	-0.47	TEH	TEC				6		COLD	600UL
94	66	0.21	129	P 2	TWD	10	09H	+0.69	TEH	TEC				6		COLD	600UL
		0.21	129	P 2	TWD	10	09H	+0.69	TEH	TEC				6		COLD	600UL
94	68	0.33	151	P 2	TWD	15	VH2	+0.80	TEH	TEC				6		COLD	600UL
		0.31	141	P 2	TWD	14	VH2	+0.80	TEH	TEC				6		COLD	600UL
94	72	0.26	144	P 2	TWD	12	07H	+0.39	TEH	TEC				6		COLD	600UL
		0.26	144	P 2	TWD	12	07H	+0.39	TEH	TEC				6		COLD	600UL
94	74	0.33	61	P 2	TWD	14	09H	-0.37	TEH	TEC				8		COLD	600UL
		0.33	62	P 2	TWD	14	09H	-0.37	TEH	TEC				8		COLD	600UL
94	78	0.37	136	P 2	TWD	16	09H	-0.11	TEH	TEC				8		COLD	600UL
		0.40	104	P 2	TWD	17	09H	+0.39	TEH	TEC				8		COLD	600UL
		0.40	104	P 2	TWD	17	09H	+0.39	TEH	TEC				8		COLD	600UL
		0.37	136	P 2	TWD	16	09H	-0.11	TEH	TEC				8		COLD	600UL
94	82	0.52	125	P 2	TWD	21	09H	-0.19	TEH	TEC				8		COLD	600UL
		0.52	125	P 2	TWD	21	09H	-0.19	TEH	TEC				8		COLD	600UL
94	84	0.41	80	P 2	TWD	17	08H	-0.37	TEH	TEC				8		COLD	600UL
		0.41	80	P 2	TWD	17	08H	-0.37	TEH	TEC				8		COLD	600UL
94	88	0.30	78	P 2	TWD	13	09H	-0.81	TEH	TEC				13		COLD	600UL
		0.27	68	P 2	TWD	11	09H	-0.81	TEH	TEC				13		COLD	600UL
94	90	0.14	38	P 2	TWD	7	09H	+0.38	TEH	TEC				14		COLD	600UL
		0.14	38	P 2	TWD	7	09H	+0.38	TEH	TEC				14		COLD	600UL
94	94	0.25	130	P 2	TWD	12	07H	+0.98	TEH	TEC				14		COLD	600UL
		0.25	137	P 2	TWD	12	VH2	+0.92	TEH	TEC				14		COLD	600UL
		0.25	130	P 2	TWD	12	07H	+0.98	TEH	TEC				14		COLD	600UL
		0.25	146	P 2	TWD	12	VH2	+0.92	TEH	TEC				14		COLD	600UL
94	96	0.25	105	P 2	TWD	12	08H	-0.49	TEH	TEC				14		COLD	600UL
		0.23	155	P 2	TWD	11	09H	+0.83	TEH	TEC				14		COLD	600UL
		0.23	155	P 2	TWD	11	09H	+0.83	TEH	TEC				14		COLD	600UL
		0.25	105	P 2	TWD	12	08H	-0.49	TEH	TEC				14		COLD	600UL
94	102	0.35	112	P 2	TWD	16	09H	-0.43	TEH	TEC				16		COLD	600UL
		0.35	112	P 2	TWD	17	09H	-0.43	TEH	TEC				16		COLD	600UL
94	104	0.31	100	P 2	TWD	11	DBH	+1.19	TEH	TEC	NEW			15		COLD	600UL
94	138	0.17	17	P 1	SCI		TSH	-4.97	TSH	TSH	.27	8.82		64		HOT	580PP
94	146	0.27	157	P 2	TWD	13	VH2	-0.90	TEH	TEC				21		COLD	600UL
		0.38	106	P 2	TWD	17	VH2	+0.92	TEH	TEC				21		COLD	600UL
		0.71	112	P 2	TWD	26	VH3	-0.90	TEH	TEC				21		COLD	600UL
		0.27	157	P 2	TWD	13	VH2	-0.90	TEH	TEC				21		COLD	600UL
		0.38	106	P 2	TWD	17	VH2	+0.92	TEH	TEC				21		COLD	600UL
		0.71	112	P 2	TWD	26	VH3	-0.90	TEH	TEC				21		COLD	600UL
94	148	0.40	73	P 2	TWD	18	VC3	+0.85	TEH	TEC				21		COLD	600UL
		0.41	71	P 2	TWD	19	VC3	+0.85	TEH	TEC				21		COLD	600UL
95	25	0.28	73	P 2	TWD	13	VH2	-0.70	TEC	TEH				73		HOT	600UL
		0.27	73	P 2	TWD	12	VH2	-0.70	TEC	TEH				73		HOT	600UL
95	63	0.39	123	P 2	TWD	17	09H	+0.24	TEH	TEC				6		COLD	600UL
		0.39	111	P 2	TWD	17	09H	+0.24	TEH	TEC				6		COLD	600UL
95	65	0.32	96	P 2	TWD	15	08H	+0.33	TEH	TEC				6		COLD	600UL
		0.82	98	P 2	TWD	28	09H	-0.22	TEH	TEC				6		COLD	600UL
		0.18	150	P 2	TWD	9	09H	+0.87	TEH	TEC				6		COLD	600UL
		0.32	96	P 2	TWD	15	08H	+0.33	TEH	TEC				6		COLD	600UL
		0.81	98	P 2	TWD	28	09H	-0.22	TEH	TEC				6		COLD	600UL
		0.18	146	P 2	TWD	9	09H	+0.87	TEH	TEC				6		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
95	67	0.53	65	P 2	TWD 19	09H	+0.75	TEH	TEC					5		COLD	600UL
		0.41	118	P 2	TWD 15	09H	+0.75	TEH	TEC					5		COLD	600UL
95	69	0.25	87	P 2	TWD 12	08H	+0.34	TEH	TEC					6		COLD	600UL
		0.25	87	P 2	TWD 12	08H	+0.34	TEH	TEC					6		COLD	600UL
95	71	0.26	136	P 2	TWD 10	07H	-0.87	TEH	TEC					5		COLD	600UL
		0.26	136	P 2	TWD 10	07H	-0.87	TEH	TEC					5		COLD	600UL
95	73	0.27	101	P 2	TWD 12	VH3	+0.80	TEH	TEC					8		COLD	600UL
		0.68	82	P 2	TWD 25	09H	+0.60	TEH	TEC					8		COLD	600UL
		0.34	46	P 2	TWD 15	07H	+0.69	TEH	TEC					8		COLD	600UL
		0.22	135	P 2	TWD 10	VSM	+0.91	TEH	TEC					8		COLD	600UL
		0.10	16	P 2	TWD 5	07H	-0.93	TEH	TEC					8		COLD	600UL
		0.10	16	P 2	TWD 5	07H	-0.93	TEH	TEC					8		COLD	600UL
		0.34	46	P 2	TWD 15	07H	+0.69	TEH	TEC					8		COLD	600UL
		0.68	82	P 2	TWD 25	09H	+0.60	TEH	TEC					8		COLD	600UL
		0.25	108	P 2	TWD 11	VH3	+0.80	TEH	TEC					8		COLD	600UL
		0.26	166	P 2	TWD 11	VSM	+0.91	TEH	TEC					8		COLD	600UL
95	77	0.25	129	P 2	TWD 11	08H	+0.50	TEH	TEC					8		COLD	600UL
		0.25	129	P 2	TWD 11	08H	+0.50	TEH	TEC					8		COLD	600UL
95	85	0.37	138	P 2	TWD 15	08H	+0.86	TEH	TEC					7		COLD	600UL
		0.35	60	P 2	TWD 14	09H	+0.90	TEH	TEC					7		COLD	600UL
		0.37	138	P 2	TWD 15	08H	+0.86	TEH	TEC					7		COLD	600UL
		0.35	60	P 2	TWD 14	09H	+0.90	TEH	TEC					7		COLD	600UL
95	89	0.34	111	P 2	TWD 13	09H	+0.60	TEH	TEC					13		COLD	600UL
		0.33	108	P 2	TWD 14	09H	+0.60	TEH	TEC					13		COLD	600UL
95	97	0.28	84	P 2	TWD 12	09H	-0.21	TEH	TEC					13		COLD	600UL
		0.28	84	P 2	TWD 12	09H	-0.21	TEH	TEC					13		COLD	600UL
95	101	0.68	89	P 2	TWD 25	09H	-0.26	TEH	TEC					14		COLD	600UL
		0.20	80	P 2	TWD 9	09H	+0.71	TEH	TEC					14		COLD	600UL
		0.68	89	P 2	TWD 25	09H	-0.26	TEH	TEC					14		COLD	600UL
		0.20	80	P 2	TWD 9	09H	+0.71	TEH	TEC					14		COLD	600UL
95	103	0.48	106	P 2	TWD 16	09H	+0.99	TEH	TEC					15		COLD	600UL
		0.48	106	P 2	TWD 16	09H	+0.99	TEH	TEC					15		COLD	600UL
95	105	0.77	140	P 2	TWD 23	09H	+0.88	TEH	TEC					15		COLD	600UL
		0.29	47	P 2	TWD 10	DBH	+0.68	TEH	TEC	NEW				15		COLD	600UL
		0.77	140	P 2	TWD 23	09H	+0.88	TEH	TEC					15		COLD	600UL
95	109	0.35	97	P 2	TWD 12	09H	+0.94	TEH	TEC					15		COLD	600UL
		0.35	97	P 2	TWD 12	09H	+0.94	TEH	TEC					15		COLD	600UL
95	111	0.46	89	P 2	TWD 15	09H	+1.03	TEH	TEC					15		COLD	600UL
		0.46	89	P 2	TWD 15	09H	+1.03	TEH	TEC					15		COLD	600UL
96	50	0.22	123	P 2	TWD 10	VH2	-0.56	TEH	TEC					4		COLD	600UL
		0.21	125	P 2	TWD 10	VH2	-0.56	TEH	TEC					4		COLD	600UL
96	60	0.34	58	P 2	TWD 15	09H	-0.23	TEH	TEC	NEW				6		COLD	600UL
96	66	0.39	50	P 2	TWD 15	07H	+0.79	TEH	TEC	NEW				5		COLD	600UL
		0.33	44	P 2	TWD 13	08H	-0.13	TEH	TEC	NEW				5		COLD	600UL
96	68	0.33	103	P 2	TWD 13	09H	+0.77	TEH	TEC					5		COLD	600UL
		0.17	15	P 2	TWD 7	09H	-0.75	TEH	TEC					5		COLD	600UL
		0.33	101	P 2	TWD 13	09H	+0.77	TEH	TEC					5		COLD	600UL
		0.19	15	P 2	TWD 7	09H	-0.75	TEH	TEC					5		COLD	600UL
		0.25	11	P 2	TWD 10	DBH	+2.25	TEH	TEC	NEW				5		COLD	600UL
96	70	0.83	130	P 2	TWD 26	07H	+0.84	TEH	TEC					5		COLD	600UL
		0.84	129	P 2	TWD 26	07H	+0.84	TEH	TEC					5		COLD	600UL
		0.19	147	P 2	TWD 7	09H	-0.13	TEH	TEC	NEW				5		COLD	600UL
96	72	0.33	56	P 2	TWD 13	09H	+0.21	TEH	TEC					5		COLD	600UL
		0.21	94	P 2	TWD 8	09H	-0.96	TEH	TEC					5		COLD	600UL
		0.33	56	P 2	TWD 13	09H	+0.21	TEH	TEC					5		COLD	600UL
		0.21	94	P 2	TWD 8	09H	-0.96	TEH	TEC					5		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
96	74	0.17	125	2	SAI		02H			0.26				125		HOT	580PP
96	88	0.29	65	P 2	TWD	11	07H	TEH	TEC					13		COLD	600UL
		0.30	43	P 2	TWD	13	07H	TEH	TEC					13		COLD	600UL
96	98	0.55	111	P 2	TWD	21	09H	TEH	TEC					13		COLD	600UL
		0.56	115	P 2	TWD	21	09H	TEH	TEC					13		COLD	600UL
96	110	0.31	108	P 2	TWD	11	09H	TEH	TEC					15		COLD	600UL
		0.31	108	P 2	TWD	11	09H	TEH	TEC					15		COLD	600UL
96	132	0.36	58	P 2	TWD	15	VH2	TEH	TEC	NEW				20		COLD	600UL
96	152	0.31	117	P 2	TWD	15	02C	TEH	TEC					21		COLD	600UL
97	23	0.31	101	P 2	TWD	14	VH2	TEC	TEH					73		HOT	600UL
		0.31	88	P 2	TWD	13	VH2	TEC	TEH					73		HOT	600UL
97	43	0.35	56	P 2	TWD	16	VH2	TEH	TEC					4		COLD	600UL
		0.31	78	P 2	TWD	14	VH2	TEH	TEC					4		COLD	600UL
		0.31	78	P 2	TWD	14	VH2	TEH	TEC					4		COLD	600UL
		0.32	53	P 2	TWD	14	VH2	TEH	TEC					4		COLD	600UL
97	61	0.20	139	P 2	TWD	10	04C	TEH	TEC					6		COLD	600UL
97	65	0.35	125	P 2	TWD	13	09H	TEH	TEC	NEW				5		COLD	600UL
97	69	0.22	37	P 2	TWD	9	07H	TEH	TEC					5		COLD	600UL
		0.22	32	P 2	TWD	9	07H	TEH	TEC					5		COLD	600UL
97	73	0.43	113	P 2	TWD	17	08H	TEH	TEC					7		COLD	600UL
		0.48	127	P 2	TWD	18	09H	TEH	TEC					7		COLD	600UL
		0.21	120	P 2	TWD	9	08H	TEH	TEC					7		COLD	600UL
		0.45	111	P 2	TWD	17	08H	TEH	TEC					7		COLD	600UL
		0.21	134	P 2	TWD	9	08H	TEH	TEC					7		COLD	600UL
		0.50	129	P 2	TWD	19	09H	TEH	TEC					7		COLD	600UL
97	85	0.26	131	P 2	TWD	11	09H	TEH	TEC					8		COLD	600UL
		0.26	131	P 2	TWD	11	09H	TEH	TEC					8		COLD	600UL
97	103	0.66	124	P 2	TWD	25	09H	TEH	TEC					16		COLD	600UL
		0.66	124	P 2	TWD	25	09H	TEH	TEC					16		COLD	600UL
97	107	0.82	100	P 2	TWD	24	09H	TEH	TEC					15		COLD	600UL
		0.58	57	P 2	TWD	18	09H	TEH	TEC					15		COLD	600UL
		0.82	100	P 2	TWD	25	09H	TEH	TEC					15		COLD	600UL
		0.57	62	P 2	TWD	20	09H	TEH	TEC					15		COLD	600UL
98	24	0.36	141	P 2	TWD	15	06C	TEC	TEH					73		HOT	600UL
		0.22	68	P 2	TWD	11	06C	TEC	TEH					73		HOT	600UL
98	26	0.21	106	P 2	TWD	10	VC3	TEC	TEH					73		HOT	600UL
		0.22	92	P 2	TWD	10	VC3	TEC	TEH					73		HOT	600UL
98	38	0.27	149	P 2	TWD	13	VH2	TEH	TEC					2		COLD	600UL
		0.28	141	P 2	TWD	13	VH2	TEH	TEC					2		COLD	600UL
98	42	0.33	71	P 2	TWD	13	VH2	TEH	TEC	NEW				3		COLD	600UL
98	48	0.28	137	P 2	TWD	13	VH2	TEH	TEC					4		COLD	600UL
		0.28	137	P 2	TWD	13	VH2	TEH	TEC					4		COLD	600UL
98	66	0.27	70	P 2	TWD	13	09H	TEH	TEC					6		COLD	600UL
		0.28	69	P 2	TWD	13	09H	TEH	TEC					6		COLD	600UL
98	70	0.39	78	P 2	TWD	15	VH3	TEH	TEC					5		COLD	600UL
		1.24	122	P 2	TWD	33	VSM	TEH	TEC					5		COLD	600UL
		0.22	119	P 2	TWD	9	VC3	TEH	TEC					5		COLD	600UL
		0.35	116	P 2	TWD	13	VC3	TEH	TEC					5		COLD	600UL
		0.76	136	P 2	TWD	24	VH3	TEH	TEC					5		COLD	600UL
		1.24	122	P 2	TWD	33	VSM	TEH	TEC					5		COLD	600UL
		0.22	119	P 2	TWD	9	VC3	TEH	TEC					5		COLD	600UL
		0.30	120	P 2	TWD	12	VC3	TEH	TEC					5		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_1codes_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
98	72	0.70	83	P 2	TWD 26	07H	+0.93	TEH	TEC					6		COLD	600UL
		0.70	83	P 2	TWD 27	07H	+0.93	TEH	TEC					6		COLD	600UL
98	106	0.39	75	P 2	TWD 17	09H	-0.23	TEH	TEC					16		COLD	600UL
		0.43	142	P 2	TWD 19	09H	+0.88	TEH	TEC					16		COLD	600UL
		0.40	74	P 2	TWD 18	09H	-0.23	TEH	TEC					16		COLD	600UL
		0.44	142	P 2	TWD 19	09H	+0.88	TEH	TEC					16		COLD	600UL
98	142	0.44	152	P 2	TWD 19	VH2	-0.83	TEH	TEC					21		COLD	600UL
		0.44	152	P 2	TWD 19	VH2	-0.83	TEH	TEC					21		COLD	600UL
99	27	0.27	118	P 2	TWD 12	VH2	-0.70	TEC	TEH					73		HOT	600UL
		0.27	118	P 2	TWD 12	VH2	-0.70	TEC	TEH					73		HOT	600UL
99	29	0.29	104	P 2	TWD 12	DBH	+2.08	TEC	TEH					73		HOT	600UL
		0.29	104	P 2	TWD 13	DBH	+2.08	TEC	TEH					73		HOT	600UL
99	65	0.37	107	P 2	TWD 17	08H	+0.61	TEH	TEC					6		COLD	600UL
		0.37	112	P 2	TWD 17	08H	+0.61	TEH	TEC					6		COLD	600UL
99	79	0.28	83	P 2	TWD 12	07H	+0.91	TEH	TEC					8		COLD	600UL
		0.27	78	P 2	TWD 12	07H	+0.91	TEH	TEC					8		COLD	600UL
99	81	0.52	150	P 2	TWD 21	09H	+0.67	TEH	TEC					8		COLD	600UL
		0.52	150	P 2	TWD 21	09H	+0.67	TEH	TEC					8		COLD	600UL
99	89	0.76	92	P 2	TWD 25	09H	+0.70	TEH	TEC					13		COLD	600UL
		0.75	91	P 2	TWD 25	09H	+0.70	TEH	TEC					13		COLD	600UL
99	93	0.41	129	P 2	TWD 17	09H	+0.51	TEH	TEC					14		COLD	600UL
		0.41	129	P 2	TWD 17	09H	+0.51	TEH	TEC					14		COLD	600UL
99	99	0.55	74	P 2	TWD 21	09H	-0.15	TEH	TEC					13		COLD	600UL
		0.55	74	P 2	TWD 21	09H	-0.15	TEH	TEC					13		COLD	600UL
99	101	0.27	91	P 2	TWD 13	08H	-0.24	TEH	TEC					14		COLD	600UL
		0.44	117	P 2	TWD 18	09H	+0.71	TEH	TEC					14		COLD	600UL
		0.25	48	P 2	TWD 12	DBH	+1.09	TEH	TEC	NEW				14		COLD	600UL
		0.29	90	P 2	TWD 13	08H	-0.24	TEH	TEC					14		COLD	600UL
		0.44	117	P 2	TWD 18	09H	+0.71	TEH	TEC					14		COLD	600UL
99	103	0.72	114	P 2	TWD 23	09H	+0.97	TEH	TEC					15		COLD	600UL
		0.12	130	P 2	TWD 6	09H	+0.22	TEC	TEH					15		COLD	600UL
		0.81	86	P 2	TWD 23	09H	+0.97	TEH	TEC					15		COLD	600UL
		0.18	144	P 2	TWD 6	09H	+0.22	TEH	TEC					15		COLD	600UL
99	109	0.23	148	P 2	TWD 8	09H	+0.73	TEH	TEC					15		COLD	600UL
		0.24	147	P 2	TWD 10	09H	+0.73	TEH	TEC					15		COLD	600UL
100	38	0.29	145	P 2	TWD 13	VH2	-0.70	TEH	TEC					2		COLD	600UL
		0.29	145	P 2	TWD 13	VH2	-0.70	TEH	TEC					2		COLD	600UL
100	46	0.29	47	P 2	TWD 13	VH2	-0.56	TEH	TEC					4		COLD	600UL
		0.29	46	P 2	TWD 13	VH2	-0.56	TEH	TEC					4		COLD	600UL
100	60	0.63	97	P 2	TWD 24	VH2	-0.67	TEH	TEC					6		COLD	600UL
		0.56	89	P 2	TWD 22	VH2	-0.67	TEH	TEC					6		COLD	600UL
100	74	0.34	82	P 2	TWD 13	09H	-0.06	TEH	TEC					7		COLD	600UL
		0.13	48	P 2	TWD 5	09H	+1.01	TEH	TEC					7		COLD	600UL
		0.34	81	P 2	TWD 14	09H	-0.06	TEH	TEC					7		COLD	600UL
		0.24	160	P 2	TWD 10	09H	+1.01	TEH	TEC					7		COLD	600UL
100	100	0.51	120	P 2	TWD 21	09H	+0.90	TEH	TEC					14		COLD	600UL
		0.51	120	P 2	TWD 21	09H	+0.90	TEH	TEC					14		COLD	600UL
100	102	0.47	122	P 2	TWD 18	09H	-0.24	TEH	TEC					15		COLD	600UL
		0.49	120	P 2	TWD 16	09H	-0.24	TEH	TEC					15		COLD	600UL
100	120	0.34	156	P 2	TWD 15	VH2	-0.86	TEH	TEC					18		COLD	600UL
		0.35	155	P 2	TWD 15	VH2	-0.86	TEH	TEC					18		COLD	600UL
100	134	0.18	146	P 2	TWD 8	DBC	+1.59	TEH	TEC	NEW				20		COLD	600UL
100	148	0.44	100	P 2	TWD 16	VH2	-0.85	TEH	TEC					19		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.46	122	P 2	TWD	17	VH2	-0.85	TEH	TEC				19		COLD	600UL
101	27	0.37	141	P 2	TWD	15	VH2	-0.74	TEC	TEH				73		HOT	600UL
		0.37	141	P 2	TWD	16	VH2	-0.74	TEC	TEH				73		HOT	600UL
101	67	0.48	61	P 2	TWD	20	09H	+0.97	TEH	TEC				6		COLD	600UL
		0.38	44	P 2	TWD	17	09H	+0.97	TEH	TEC				6		COLD	600UL
101	71	0.23	91	P 2	TWD	11	DBH	-1.69	TEH	TEC				6		COLD	600UL
		0.23	91	P 2	TWD	11	DBH	-1.69	TEH	TEC				6		COLD	600UL
101	77	0.26	133	P 2	TWD	11	09H	-0.69	TEH	TEC				7		COLD	600UL
		0.75	87	P 2	TWD	25	09H	+0.66	TEH	TEC				7		COLD	600UL
		0.74	87	P 2	TWD	25	09H	+0.66	TEH	TEC				7		COLD	600UL
		0.26	133	P 2	TWD	11	09H	-0.69	TEH	TEC				7		COLD	600UL
101	79	0.30	75	P 2	TWD	12	09H	-1.05	TEH	TEC				7		COLD	600UL
		0.67	67	P 2	TWD	23	09H	+0.96	TEH	TEC				7		COLD	600UL
		0.30	59	P 2	TWD	12	09H	-1.05	TEH	TEC				7		COLD	600UL
		0.68	67	P 2	TWD	23	09H	+0.96	TEH	TEC				7		COLD	600UL
101	81	0.66	138	P 2	TWD	23	09H	-0.77	TEH	TEC				7		COLD	600UL
		0.66	138	P 2	TWD	23	09H	-0.77	TEH	TEC				7		COLD	600UL
101	83	0.69	136	P 2	TWD	23	09H	-0.47	TEH	TEC				7		COLD	600UL
		0.69	135	P 2	TWD	23	09H	-0.47	TEH	TEC				7		COLD	600UL
101	85	0.43	102	P 2	TWD	18	09H	-0.47	TEH	TEC				8		COLD	600UL
		0.43	102	P 2	TWD	18	09H	-0.47	TEH	TEC				8		COLD	600UL
101	95	0.34	37	P 2	TWD	15	09H	-0.19	TEH	TEC				14		COLD	600UL
		0.33	37	P 2	TWD	15	09H	+0.84	TEH	TEC				14		COLD	600UL
		0.33	34	P 2	TWD	15	09H	-0.19	TEH	TEC				14		COLD	600UL
		0.33	37	P 2	TWD	15	09H	+0.84	TEH	TEC				14		COLD	600UL
101	97	0.70	114	P 2	TWD	25	09H	-0.99	TEH	TEC				14		COLD	600UL
		0.70	114	P 2	TWD	25	09H	-0.99	TEH	TEC				14		COLD	600UL
101	101	0.27	22	P 2	TWD	10	09H	-0.24	TEH	TEC				13		COLD	600UL
		0.28	23	P 2	TWD	12	09H	-0.24	TEH	TEC				13		COLD	600UL
101	111	0.45	76	P 2	TWD	19	VH2	+0.98	TEH	TEC				16		COLD	600UL
		0.46	73	P 2	TWD	20	VH2	+0.98	TEH	TEC				16		COLD	600UL
102	28	0.26	75	P 2	TWD	11	VH2	+0.74	TEC	TEH				73		HOT	600UL
		0.45	43	P 2	TWD	18	VH2	-0.78	TEC	TEH				73		HOT	600UL
		0.26	75	P 2	TWD	12	VH2	+0.74	TEC	TEH				73		HOT	600UL
		0.45	43	P 2	TWD	18	VH2	-0.78	TEC	TEH				73		HOT	600UL
102	30	0.46	92	P 2	TWD	18	08C	-0.99	TEC	TEH				73		HOT	600UL
		0.21	73	P 2	TWD	10	08C	+0.08	TEC	TEH				73		HOT	600UL
		0.46	92	P 2	TWD	18	08C	-0.99	TEC	TEH				73		HOT	600UL
		0.21	73	P 2	TWD	10	08C	+0.08	TEC	TEH				73		HOT	600UL
102	34	0.26	97	P 2	TWD	11	VH2	+0.68	TEC	TEH				76		HOT	600UL
		0.29	87	P 2	TWD	13	VH2	+0.68	TEC	TEH				76		HOT	600UL
102	38	0.24	140	P 2	TWD	11	VH2	-0.73	TEH	TEC				2		COLD	600UL
		0.24	140	P 2	TWD	11	VH2	-0.73	TEH	TEC				2		COLD	600UL
102	48	0.38	79	P 2	TWD	16	VH2	-0.57	TEH	TEC				4		COLD	600UL
		0.41	68	P 2	TWD	17	VH2	-0.57	TEH	TEC				4		COLD	600UL
102	66	0.26	124	P 2	TWD	13	09H	+0.89	TEH	TEC				6		COLD	600UL
		0.29	102	P 2	TWD	14	VH2	-0.82	TEH	TEC				6		COLD	600UL
		0.26	124	P 2	TWD	13	09H	+0.89	TEH	TEC				6		COLD	600UL
		0.29	102	P 2	TWD	14	VH2	-0.82	TEH	TEC				6		COLD	600UL
102	74	0.26	152	P 2	TWD	12	09H	+0.56	TEH	TEC				8		COLD	600UL
		0.23	155	P 2	TWD	10	09H	+0.56	TEH	TEC				8		COLD	600UL
102	78	0.53	125	P 2	TWD	21	09H	+0.97	TEH	TEC				8		COLD	600UL
		0.53	125	P 2	TWD	21	09H	+0.97	TEH	TEC				8		COLD	600UL
102	80	0.47	101	P 2	TWD	19	09H	-0.13	TEH	TEC				8		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.25	137	P 2	TWD	11	09H	+0.82	TEH	TEC				8		COLD	600UL
		0.21	73	P 2	TWD	9	DBH	+2.08	TEH	TEC	NEW			8		COLD	600UL
		0.46	108	P 2	TWD	19	09H	-0.13	TEH	TEC				8		COLD	600UL
		0.28	133	P 2	TWD	12	09H	+0.82	TEH	TEC				8		COLD	600UL
		0.30	98	P 2	TWD	12	DBH	+1.70	TEH	TEC	NEW			22		COLD	600UL
102	82	0.26	109	P 2	TWD	11	09H	+0.69	TEH	TEC				8		COLD	600UL
		0.31	119	P 2	TWD	14	DBH	+2.16	TEH	TEC				8		COLD	600UL
		0.26	109	P 2	TWD	11	09H	+0.69	TEH	TEC				8		COLD	600UL
		0.31	119	P 2	TWD	14	DBH	+2.16	TEH	TEC				8		COLD	600UL
102	84	0.27	61	P 2	TWD	12	DBH	+1.46	TEH	TEC				8		COLD	600UL
		0.29	99	P 2	TWD	13	DBH	+1.46	TEH	TEC				8		COLD	600UL
102	92	0.20	61	P 2	TWD	9	DBH	+1.84	TEH	TEC				13		COLD	600UL
		0.20	61	P 2	TWD	9	DBH	+1.84	TEH	TEC				13		COLD	600UL
102	108	0.45	118	P 2	TWD	20	VH2	-0.77	TEH	TEC	NEW			16		COLD	600UL
103	33	0.40	112	P 2	TWD	17	VH2	+0.89	TEC	TEH				76		HOT	600UL
		0.41	107	P 2	TWD	17	VH2	+0.89	TEC	TEH				76		HOT	600UL
103	41	0.18	151	P 2	TWD	7	VC2	-1.01	TEH	TEC				1		COLD	600UL
		0.18	151	P 2	TWD	7	VC2	-1.01	TEH	TEC				1		COLD	600UL
103	55	0.26	133	P 1	SCI		TSH	+0.11	TSH	TSH	0.00	9.26		11		HOT	580PP
103	71	0.42	122	P 2	TWD	16	09H	+0.96	TEH	TEC				5		COLD	600UL
		0.42	122	P 2	TWD	16	09H	+0.96	TEH	TEC				5		COLD	600UL
103	75	0.41	126	P 2	TWD	17	09H	-0.86	TEH	TEC				8		COLD	600UL
		0.26	108	P 2	TWD	11	09H	+0.47	TEH	TEC				8		COLD	600UL
		0.34	80	P 2	TWD	15	09H	+0.71	TEH	TEC				8		COLD	600UL
		0.34	82	P 2	TWD	15	09H	+1.01	TEH	TEC				8		COLD	600UL
		0.45	61	P 2	TWD	18	VH2	+0.71	TEH	TEC				8		COLD	600UL
		0.45	61	P 2	TWD	18	VH2	+0.71	TEH	TEC				8		COLD	600UL
		0.41	126	P 2	TWD	17	09H	-0.86	TEH	TEC				8		COLD	600UL
		0.26	107	P 2	TWD	11	09H	+0.47	TEH	TEC				8		COLD	600UL
		0.34	82	P 2	TWD	15	09H	+0.71	TEH	TEC				8		COLD	600UL
		0.36	105	P 2	TWD	15	09H	+1.01	TEH	TEC				8		COLD	600UL
103	79	0.25	155	P 2	TWD	11	09H	-0.93	TEH	TEC				8		COLD	600UL
		0.34	94	P 2	TWD	15	09H	+0.20	TEH	TEC				8		COLD	600UL
		0.38	132	P 2	TWD	16	09H	+0.67	TEH	TEC				8		COLD	600UL
		0.34	94	P 2	TWD	15	09H	+0.20	TEH	TEC				8		COLD	600UL
		0.25	155	P 2	TWD	11	09H	-0.93	TEH	TEC				8		COLD	600UL
		0.39	131	P 2	TWD	16	09H	+0.67	TEH	TEC				8		COLD	600UL
103	81	0.55	100	P 2	TWD	21	09H	+0.86	TEH	TEC				8		COLD	600UL
		0.55	100	P 2	TWD	21	09H	+0.86	TEH	TEC				8		COLD	600UL
103	85	0.36	96	P 2	TWD	14	09H	+0.21	TEH	TEC				7		COLD	600UL
		0.36	95	P 2	TWD	15	09H	+0.21	TEH	TEC				7		COLD	600UL
103	87	0.40	129	P 2	TWD	17	09H	+0.00	TEH	TEC				8		COLD	600UL
		0.44	118	P 2	TWD	18	09H	+0.00	TEH	TEC				8		COLD	600UL
103	97	0.27	39	P 2	TWD	11	09H	+0.90	TEH	TEC				13		COLD	600UL
		0.31	113	P 2	TWD	13	09H	-0.92	TEH	TEC				13		COLD	600UL
		0.42	57	P 2	TWD	17	09H	+0.90	TEH	TEC				13		COLD	600UL
		0.28	27	P 2	TWD	12	09H	-0.92	TEH	TEC				13		COLD	600UL
103	103	0.17	111	2	SAI		TSH	+3.16	TSH	TSH	.29	10.16		65		HOT	580PP
104	32	0.26	79	P 2	TWD	11	VH2	-0.82	TEC	TEH				73		HOT	600UL
		0.26	79	P 2	TWD	11	VH2	-0.82	TEC	TEH				73		HOT	600UL
104	46	0.25	161	P 2	TWD	12	VH2	-0.93	TEH	TEC				4		COLD	600UL
		0.25	161	P 2	TWD	12	VH2	-0.93	TEH	TEC				4		COLD	600UL
104	78	0.16	141	P 2	TWD	6	09H	+0.41	TEH	TEC				7		COLD	600UL
		0.16	141	P 2	TWD	7	09H	+0.41	TEH	TEC				7		COLD	600UL
104	88	0.44	91	P 2	TWD	17	08H	+0.51	TEH	TEC				13		COLD	600UL
		0.43	89	P 2	TWD	17	08H	+0.51	TEH	TEC				13		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icores_and_0-100%twd.qry

ROW LINE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	UTIL	2	CAL	#	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
104 120	0.33	99	P	2	TWD	15	VH2	TEH	TEC			18		COLD	600UL
	0.31	106	P	2	TWD	14	VH2	TEH	TEC			18		COLD	600UL
104 138	0.33	98	P	2	TWD	14	VH2	TEH	TEC	NEW		20		COLD	600UL
105 49	0.25	85	P	2	TWD	12	VH2	TEH	TEC			4		COLD	600UL
	0.25	85	P	2	TWD	12	VH2	TEH	TEC			4		COLD	600UL
105 79	0.51	74	P	2	TWD	19	09H	TEH	TEC			7		COLD	600UL
	0.54	70	P	2	TWD	20	09H	TEH	TEC			7		COLD	600UL
105 101	0.26	33	P	2	TWD	11	VH2	TEH	TEC			13		COLD	600UL
	0.26	33	P	2	TWD	11	VH2	TEH	TEC			13		COLD	600UL
105 105	0.37	132	P	2	TWD	16	VH2	TEH	TEC			16		COLD	600UL
	0.39	129	P	2	TWD	18	VH2	TEH	TEC			16		COLD	600UL
105 113	0.40	99	P	2	TWD	18	VH2	TEH	TEC			16		COLD	600UL
	0.30	149	P	2	TWD	14	09H	TEH	TEC			16		COLD	600UL
	0.31	152	P	2	TWD	15	09H	TEH	TEC			16		COLD	600UL
	0.41	89	P	2	TWD	19	VH2	TEH	TEC			16		COLD	600UL
106 34	0.42	28	P	2	TWD	17	VH2	TEC	TEH			76		HOT	600UL
	0.28	141	P	2	TWD	12	VH2	TEC	TEH			76		HOT	600UL
	0.35	43	P	2	TWD	15	VH2	TEC	TEH			76		HOT	600UL
	0.27	144	P	2	TWD	12	VH2	TEC	TEH			76		HOT	600UL
106 48	0.34	17	P	2	TWD	15	DBH	TEH	TEC	NEW		4		COLD	600UL
106 50	0.38	151	P	2	TWD	15	VH2	TEH	TEC			3		COLD	600UL
	0.57	113	P	2	TWD	20	VH2	TEH	TEC			3		COLD	600UL
	0.23	152	P	2	TWD	10	VH3	TEH	TEC			3		COLD	600UL
	0.38	151	P	2	TWD	15	VH2	TEH	TEC			3		COLD	600UL
	0.23	152	P	2	TWD	10	VH3	TEH	TEC			3		COLD	600UL
	0.57	104	P	2	TWD	20	VH2	TEH	TEC			3		COLD	600UL
106 52	0.22	33	P	2	TWD	9	DBC	TEH	TEC	NEW		3		COLD	600UL
106 72	0.45	146	P	2	TWD	19	VC2	TEH	TEC			6		COLD	600UL
	0.45	146	P	2	TWD	19	VC2	TEH	TEC			6		COLD	600UL
106 74	0.42	55	P	2	TWD	18	VH2	TEH	TEC			8		COLD	600UL
	0.41	69	P	2	TWD	17	VH2	TEH	TEC			8		COLD	600UL
106 86	0.55	106	P	2	TWD	21	VH3	TEH	TEC			8		COLD	600UL
	0.55	106	P	2	TWD	21	VH3	TEH	TEC			8		COLD	600UL
106 100	0.43	130	P	2	TWD	16	09H	TEH	TEC			13		COLD	600UL
	0.45	134	P	2	TWD	18	09H	TEH	TEC			13		COLD	600UL
106 120	0.19	58	P	2	TWD	7	DBC	TEH	TEC	NEW		17		COLD	600UL
106 134	0.79	100	P	2	TWD	24	VH2	TEH	TEC			19		COLD	600UL
	0.79	100	P	2	TWD	24	VH2	TEH	TEC			19		COLD	600UL
106 140	0.53	105	P	2	TWD	18	VH2	TEH	TEC			19		COLD	600UL
	0.55	125	P	2	TWD	19	VH2	TEH	TEC			19		COLD	600UL
107 29	0.26	148	P	2	TWD	11	VH2	TEC	TEH			73		HOT	600UL
	0.28	158	P	2	TWD	12	VH2	TEC	TEH			73		HOT	600UL
107 31	0.35	65	P	2	TWD	14	VH2	TEC	TEH			73		HOT	600UL
	0.36	49	P	2	TWD	15	VH2	TEC	TEH			73		HOT	600UL
107 107	0.35	137	P	2	TWD	16	VH3	TEH	TEC			16		COLD	600UL
	0.35	134	P	2	TWD	17	VH3	TEH	TEC			16		COLD	600UL
107 143	0.49	95	P	2	TWD	17	VH2	TEH	TEC			19		COLD	600UL
	0.49	95	P	2	TWD	17	VH2	TEH	TEC			19		COLD	600UL
108 30	0.31	107	P	2	TWD	14	VH2	TEC	TEH			73		HOT	600UL
	0.31	107	P	2	TWD	14	VH2	TEC	TEH			73		HOT	600UL
108 46	0.25	141	P	2	TWD	12	VH2	TEH	TEC			4		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_codes_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	UTIL	2	CAL	#	LEG	PROBE
108	50	0.23	129	P	2	TWD	11	VH2	TEH	TEC			4		COLD	600UL
		0.24	141	P	2	TWD	11	VH2	TEH	TEC			4		COLD	600UL
		0.23	129	P	2	TWD	11	VH2	TEH	TEC			4		COLD	600UL
108	50	0.25	105	P	2	TWD	12	VH2	TEH	TEC			4		COLD	600UL
		0.25	105	P	2	TWD	12	VH2	TEH	TEC			4		COLD	600UL
108	64	0.24	11	P	2	TWD	9	DBH	TEH	TEC	NEW		5		COLD	600UL
108	138	0.29	140	P	2	TWD	12	VH2	TEH	TEC			20		COLD	600UL
		0.34	77	P	2	TWD	14	VH2	TEH	TEC			20		COLD	600UL
108	142	0.51	55	P	2	TWD	18	VH2	TEH	TEC			19		COLD	600UL
		0.55	61	P	2	TWD	19	VH2	TEH	TEC			19		COLD	600UL
109	31	0.24	40	P	2	TWD	10	DBC	TEC	TEH	NEW		73		HOT	600UL
109	37	0.17	166	P	2	TWD	8	DBC	TEH	TEC	NEW		2		COLD	600UL
109	47	0.24	138	P	2	TWD	11	09C	TEH	TEC			4		COLD	600UL
		0.24	138	P	2	TWD	11	09C	TEH	TEC			4		COLD	600UL
110	32	0.37	132	P	2	TWD	16	02H	TEC	TEH			73		HOT	600UL
110	38	0.13	134	P	2	TWD	6	DBH	TEH	TEC			2		COLD	600UL
		0.13	134	P	2	TWD	6	DBH	TEH	TEC			2		COLD	600UL
110	40	0.29	12	P	2	TWD	11	DBH	TEH	TEC			1		COLD	600UL
		0.33	8	P	2	TWD	12	DBH	TEH	TEC			1		COLD	600UL
110	42	0.18	40	P	2	TWD	8	VH2	TEH	TEC			3		COLD	600UL
		0.12	150	P	2	TWD	5	VH2	TEH	TEC			3		COLD	600UL
		0.19	46	P	2	TWD	8	VH2	TEH	TEC			3		COLD	600UL
		0.12	158	P	2	TWD	5	VH2	TEH	TEC			3		COLD	600UL
110	66	0.29	117	P	2	TWD	13	VH2	TEH	TEC			6		COLD	600UL
		0.26	134	P	2	TWD	13	VH2	TEH	TEC			6		COLD	600UL
110	68	0.29	160	P	2	TWD	14	VH2	TEH	TEC			6		COLD	600UL
		0.28	159	P	2	TWD	13	VH2	TEH	TEC			6		COLD	600UL
110	72	0.38	74	P	2	TWD	17	VH2	TEH	TEC			6		COLD	600UL
		0.38	74	P	2	TWD	17	VH2	TEH	TEC			6		COLD	600UL
110	136	0.42	63	P	2	TWD	17	VH2	TEH	TEC	NEW		20		COLD	600UL
110	140	0.41	114	P	2	TWD	15	VH2	TEH	TEC			19		COLD	600UL
		0.44	124	P	2	TWD	16	VH2	TEH	TEC			19		COLD	600UL
110	142	0.38	91	P	2	TWD	17	VC2	TEH	TEC			21		COLD	600UL
		0.38	91	P	2	TWD	17	VC2	TEH	TEC			21		COLD	600UL
111	33	0.32	76	P	2	TWD	14	VH2	TEC	TEH			76		HOT	600UL
		0.32	76	P	2	TWD	14	VH2	TEC	TEH			76		HOT	600UL
111	35	0.79	106	P	2	TWD	26	VH2	TEC	TEH			76		HOT	600UL
		0.80	104	P	2	TWD	26	VH2	TEC	TEH			76		HOT	600UL
111	37	0.49	115	P	2	TWD	17	VH2	TEH	TEC			1		COLD	600UL
		0.49	115	P	2	TWD	17	VH2	TEH	TEC			1		COLD	600UL
111	39	0.37	85	P	2	TWD	16	VH2	TEH	TEC			2		COLD	600UL
		0.37	85	P	2	TWD	16	VH2	TEH	TEC			2		COLD	600UL
111	43	0.59	97	P	2	TWD	21	VH2	TEH	TEC			3		COLD	600UL
		0.59	97	P	2	TWD	21	VH2	TEH	TEC			3		COLD	600UL
111	107	0.62	110	P	2	TWD	24	VH2	TEH	TEC			16		COLD	600UL
		0.63	100	P	2	TWD	25	VH2	TEH	TEC			16		COLD	600UL
112	34	0.28	109	P	2	TWD	12	VH2	TEC	TEH			76		HOT	600UL
		0.30	119	P	2	TWD	13	VH2	TEC	TEH			76		HOT	600UL
112	72	0.49	93	P	2	TWD	18	VH2	TEH	TEC			5		COLD	600UL
		0.49	93	P	2	TWD	18	VH2	TEH	TEC			5		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: ipc_icode_s_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
112	76	0.24	131	P	2	TWD	11	VH2	TEH	TEC				8		COLD	600UL
		0.30	130	P	2	TWD	13	VH2	TEH	TEC				8		COLD	600UL
112	80	0.26	123	P	2	TWD	11	09H	TEH	TEC				7		COLD	600UL
		0.48	113	P	2	TWD	18	09H	TEH	TEC				7		COLD	600UL
112	86	0.24	61	P	2	TWD	10	08H	TEH	TEC				7		COLD	600UL
		0.23	57	P	2	TWD	10	08H	TEH	TEC				7		COLD	600UL
112	122	0.66	64	P	2	TWD	22	04C	TEH	TEC				17		COLD	600UL
112	132	0.37	29	P	2	TWD	15	VC3	TEH	TEC				20		COLD	600UL
		0.33	61	P	2	TWD	14	VC2	TEH	TEC				20		COLD	600UL
		0.35	30	P	2	TWD	15	VC3	TEH	TEC				20		COLD	600UL
		0.33	55	P	2	TWD	14	VC2	TEH	TEC				20		COLD	600UL
112	138	0.33	151	P	2	TWD	14	VH2	TEH	TEC				20		COLD	600UL
		0.38	112	P	2	TWD	16	VH2	TEH	TEC				20		COLD	600UL
113	37	0.32	140	P	2	TWD	14	VH2	TEC	TEH				76		HOT	600UL
		0.32	140	P	2	TWD	14	VH2	TEC	TEH				76		HOT	600UL
113	39	0.43	101	P	2	TWD	15	VH2	TEH	TEC				1		COLD	600UL
		0.43	101	P	2	TWD	15	VH2	TEH	TEC				1		COLD	600UL
113	41	0.27	50	P	2	TWD	10	DBH	TEH	TEC	NEW			1		COLD	600UL
113	49	0.26	147	2	SVI	DBH			DBH	DBH	TO+1.40	0.33	0.38	153		HOT	580FH
113	69	0.41	30	P	2	TWD	15	VH2	TEH	TEC	NEW			5		COLD	600UL
113	81	0.32	109	P	2	TWD	13	DBH	TEH	TEC				7		COLD	600UL
		0.31	108	P	2	TWD	13	DBH	TEH	TEC				7		COLD	600UL
113	109	0.11	32	P	2	TWD	6	DBH	TEH	TEC	NEW			16		COLD	600UL
113	117	0.20	26	P	2	TWD	10	DBH	TEH	TEC	NEW			18		COLD	600UL
113	133	0.34	42	P	2	TWD	14	VH2	TEH	TEC	NEW			20		COLD	600UL
114	34	0.36	61	P	2	TWD	15	DBC	TEC	TEH				76		HOT	600UL
		0.36	60	P	2	TWD	15	DBC	TEC	TEH				76		HOT	600UL
114	42	0.19	156	P	2	TWD	8	DBH	TEH	TEC				3		COLD	600UL
		0.19	156	P	2	TWD	8	DBH	TEH	TEC				3		COLD	600UL
114	84	0.33	91	P	2	TWD	13	DBH	TEH	TEC				7		COLD	600UL
		0.30	109	P	2	TWD	13	DBH	TEH	TEC				7		COLD	600UL
114	90	0.23	95	P	2	TWD	11	VH3	TEH	TEC				14		COLD	600UL
		0.23	95	P	2	TWD	11	VH3	TEH	TEC				14		COLD	600UL
114	92	0.45	104	P	2	TWD	18	DBH	TEH	TEC				13		COLD	600UL
		0.45	104	P	2	TWD	18	DBH	TEH	TEC				13		COLD	600UL
114	94	0.31	22	P	2	TWD	14	DBH	TEH	TEC				14		COLD	600UL
		0.31	22	P	2	TWD	14	DBH	TEH	TEC				14		COLD	600UL
114	96	0.26	150	P	2	TWD	12	DBH	TEH	TEC				14		COLD	600UL
		0.26	150	P	2	TWD	12	DBH	TEH	TEC				14		COLD	600UL
114	104	0.27	126	P	2	TWD	10	03H	TEH	TEC				15		COLD	600UL
114	126	0.35	141	P	2	TWD	15	VC2	TEH	TEC				18		COLD	600UL
		0.33	140	P	2	TWD	14	VC2	TEH	TEC				18		COLD	600UL
114	138	0.60	82	P	2	TWD	20	VH2	TEH	TEC				19		COLD	600UL
		0.60	82	P	2	TWD	20	VH2	TEH	TEC				19		COLD	600UL
115	39	0.26	101	P	2	TWD	12	VH2	TEH	TEC				2		COLD	600UL
		0.25	100	P	2	TWD	12	VH2	TEH	TEC				2		COLD	600UL
115	107	0.17	77	P	2	TWD	9	DBH	TEH	TEC	NEW			16		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: ipc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
115	133	0.52	51	P	2	TWD	18	VH1	TEH	TEC				19		COLD	600UL
		0.54	57	P	2	TWD	19	VH1	TEH	TEC				19		COLD	600UL
116	54	0.25	170	P	2	TWD	12	DBH	TEH	TEC	NEW			4		COLD	600UL
116	64	0.21	16	P	2	TWD	8	DBH	TEH	TEC	NEW			5		COLD	600UL
116	90	0.21	128	P	2	TWD	9	DBH	TEH	TEC				13		COLD	600UL
		0.21	128	P	2	TWD	9	DBH	TEH	TEC				13		COLD	600UL
116	132	0.63	151	P	2	TWD	23	VH1	TEH	TEC	NEW			20		COLD	600UL
117	43	0.25	73	P	2	TWD	11	VH2	TEH	TEC				4		COLD	600UL
		0.25	73	P	2	TWD	11	VH2	TEH	TEC				4		COLD	600UL
117	83	0.47	64	P	2	TWD	18	VH2	TEH	TEC				7		COLD	600UL
		0.47	71	P	2	TWD	18	VH2	TEH	TEC				7		COLD	600UL
117	109	0.44	136	P	2	TWD	20	VH2	TEH	TEC	NEW			16		COLD	600UL
118	40	0.29	126	P	2	TWD	11	DBH	TEH	TEC				1		COLD	600UL
		0.28	123	P	2	TWD	11	DBH	TEH	TEC				1		COLD	600UL
118	48	0.39	129	P	2	TWD	15	VH1	TEH	TEC				3		COLD	600UL
		0.34	142	P	2	TWD	14	VH1	TEH	TEC				3		COLD	600UL
118	52	0.25	125	P	2	TWD	10	VH2	TEH	TEC				3		COLD	600UL
		0.25	125	P	2	TWD	10	VH2	TEH	TEC				3		COLD	600UL
118	54	0.79	27	P	2	TWD	25	DBH	TEH	TEC				3		COLD	600UL
		0.79	27	P	2	TWD	25	DBH	TEH	TEC				3		COLD	600UL
118	74	0.30	134	P	2	TWD	13	VH1	TEH	TEC				8		COLD	600UL
		0.25	128	P	2	TWD	11	VH1	TEH	TEC				8		COLD	600UL
118	78	0.31	149	P	2	TWD	13	VH1	TEH	TEC				8		COLD	600UL
		0.30	147	P	2	TWD	13	VH1	TEH	TEC				8		COLD	600UL
118	80	0.33	81	P	2	TWD	14	VH2	TEH	TEC				8		COLD	600UL
		0.38	103	P	2	TWD	16	VH2	TEH	TEC				8		COLD	600UL
118	86	0.30	150	P	2	TWD	13	VH1	TEH	TEC				8		COLD	600UL
		0.35	154	P	2	TWD	15	VH1	TEH	TEC				8		COLD	600UL
118	92	0.55	38	P	2	TWD	21	DBH	TEH	TEC				13		COLD	600UL
		0.55	38	P	2	TWD	21	DBH	TEH	TEC				13		COLD	600UL
118	106	0.19	80	P	2	TWD	10	VCI	TEH	TEC				16		COLD	600UL
		0.24	84	P	2	TWD	12	VCI	TEH	TEC				16		COLD	600UL
119	37	0.16	116	P	2	TWD	7	DBC	TEC	TEH				76		HOT	600UL
		0.18	115	P	2	TWD	8	DBC	TEC	TEH				76		HOT	600UL
119	45	0.48	129	P	2	TWD	20	VH1	TEH	TEC				4		COLD	600UL
		0.48	129	P	2	TWD	20	VH1	TEH	TEC				4		COLD	600UL
119	79	0.12	28	P	2	TWD	5	DBH	TEH	TEC	NEW			8		COLD	600UL
119	87	0.28	115	P	2	TWD	12	DBH	TEH	TEC				8		COLD	600UL
		0.22	53	P	2	TWD	10	DBH	TEH	TEC				8		COLD	600UL
119	91	0.41	57	P	2	TWD	16	DBH	TEH	TEC				13		COLD	600UL
		0.43	48	P	2	TWD	17	DBH	TEH	TEC				13		COLD	600UL
120	42	0.19	74	P	2	TWD	9	DBC	TEH	TEC				4		COLD	600UL
		0.19	74	P	2	TWD	9	DBC	TEH	TEC				4		COLD	600UL
120	44	0.19	161	P	2	TWD	9	VH1	TEH	TEC				4		COLD	600UL
		0.19	161	P	2	TWD	9	VH1	TEH	TEC				4		COLD	600UL
120	46	0.20	145	P	2	TWD	10	VH2	TEH	TEC				4		COLD	600UL
		0.21	157	P	2	TWD	10	VH2	TEH	TEC				4		COLD	600UL
120	50	0.25	147	P	2	TWD	12	VH1	TEH	TEC				4		COLD	600UL
		0.24	148	P	2	TWD	11	VH1	TEH	TEC				4		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: ipc_codes_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	UTIL	2	CAL	#	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
120	54	0.22	145	P	2	TWD	10	VH2	TEH	TEC			4		COLD	600UL
		0.22	145	P	2	TWD	10	VH2	TEH	TEC			4		COLD	600UL
120	56	0.49	131	P	2	TWD	18	10H	TEH	TEC			5		COLD	600UL
		0.49	130	P	2	TWD	18	10H	TEH	TEC			5		COLD	600UL
120	64	0.29	48	P	2	TWD	11	10C	TEH	TEC	NEW		5		COLD	600UL
120	76	0.31	158	P	2	TWD	14	VH1	TEH	TEC			8		COLD	600UL
		0.30	161	P	2	TWD	13	VH2	TEH	TEC			8		COLD	600UL
		0.26	111	P	2	TWD	12	VH2	TEH	TEC			8		COLD	600UL
		0.34	154	P	2	TWD	15	VH1	TEH	TEC			8		COLD	600UL
		0.33	159	P	2	TWD	14	VH2	TEH	TEC			8		COLD	600UL
		0.30	92	P	2	TWD	13	VH2	TEH	TEC			8		COLD	600UL
120	80	0.39	84	P	2	TWD	15	VH1	TEH	TEC	NEW		7		COLD	600UL
120	82	0.24	76	P	2	TWD	10	VH1	TEH	TEC			7		COLD	600UL
		0.26	82	P	2	TWD	11	VH1	TEH	TEC			7		COLD	600UL
120	84	0.43	85	P	2	TWD	16	VH1	TEH	TEC			7		COLD	600UL
		0.34	148	P	2	TWD	13	VH2	TEH	TEC			7		COLD	600UL
		0.46	89	P	2	TWD	18	VH1	TEH	TEC			7		COLD	600UL
		0.30	154	P	2	TWD	13	VH2	TEH	TEC			7		COLD	600UL
120	114	0.31	104	P	2	TWD	11	DBH	TEH	TEC			15		COLD	600UL
		0.31	107	P	2	TWD	13	DBH	TEH	TEC			15		COLD	600UL
120	120	0.39	138	P	2	TWD	16	10H	TEH	TEC	LOCOK		18		COLD	600UL
		0.39	138	P	2	TWD	16	10H	TEH	TEC			18		COLD	600UL
120	124	0.42	89	P	2	TWD	15	10H	TEH	TEC	LOCOK		17		COLD	600UL
		0.42	89	P	2	TWD	15	10H	TEH	TEC			17		COLD	600UL
121	59	0.17	9	P	2	TWD	7	DBC	TEH	TEC	NEW		5		COLD	600UL
121	65	0.41	58	P	2	TWD	15	VH1	TEH	TEC			5		COLD	600UL
		0.35	33	P	2	TWD	13	VH1	TEH	TEC			5		COLD	600UL
121	77	0.18	130	P	2	TWD	8	DBC	TEH	TEC	NEW		7		COLD	600UL
121	81	0.46	72	P	2	TWD	17	VH1	TEH	TEC			7		COLD	600UL
		0.45	84	P	2	TWD	17	VH1	TEH	TEC			7		COLD	600UL
121	89	0.20	83	P	2	TWD	9	DBH	TEH	TEC			14		COLD	600UL
		0.11	158	P	2	TWD	5	DBH	TEH	TEC			14		COLD	600UL
		0.09	17	P	2	TWD	4	DBH	TEH	TEC			14		COLD	600UL
		0.18	79	P	2	TWD	9	DBH	TEH	TEC			14		COLD	600UL
		0.11	14	P	2	TWD	5	DBH	TEH	TEC			14		COLD	600UL
		0.11	158	P	2	TWD	5	DBH	TEH	TEC			14		COLD	600UL
121	91	0.13	80	P	2	TWD	6	DBH	TEH	TEC	NEW		14		COLD	600UL
122	48	0.28	63	P	2	TWD	11	VH1	TEH	TEC			3		COLD	600UL
		0.28	63	P	2	TWD	12	VH1	TEH	TEC			3		COLD	600UL
122	52	0.35	98	P	2	TWD	14	VH1	TEH	TEC			3		COLD	600UL
		0.35	98	P	2	TWD	14	VH1	TEH	TEC			3		COLD	600UL
122	70	0.31	147	P	2	TWD	14	VH2	TEH	TEC			6		COLD	600UL
		0.28	66	P	2	TWD	13	VH2	TEH	TEC			6		COLD	600UL
		0.31	147	P	2	TWD	14	VH2	TEH	TEC			6		COLD	600UL
		0.28	66	P	2	TWD	13	VH2	TEH	TEC			6		COLD	600UL
122	80	0.29	161	P	2	TWD	13	VH1	TEH	TEC			8		COLD	600UL
		0.30	152	P	2	TWD	13	VH2	TEH	TEC			8		COLD	600UL
		0.35	98	P	2	TWD	15	VH2	TEH	TEC			8		COLD	600UL
		0.29	152	P	2	TWD	13	VH1	TEH	TEC			8		COLD	600UL
122	86	0.43	90	P	2	TWD	18	DBH	TEH	TEC			8		COLD	600UL
		0.43	90	P	2	TWD	18	DBH	TEH	TEC			8		COLD	600UL
122	110	0.26	140	P	2	TWD	13	VH1	TEH	TEC			16		COLD	600UL
		0.35	146	P	2	TWD	16	VH1	TEH	TEC			16		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
122	114	0.30	118	P 2	TWD 14	VH1	+0.47	TEH	TEC					16		COLD	600UL
		0.30	118	P 2	TWD 14	VH1	+0.47	TEH	TEC					16		COLD	600UL
122	118	0.40	102	P 2	TWD 17	VH2	-0.88	TEH	TEC	NEW				18		COLD	600UL
123	41	0.25	103	P 2	TWD 12	06H	-1.14	TEH	TEC					2		COLD	600UL
123	43	0.29	143	P 2	TWD 12	08C	+0.82	TEH	TEC					3		COLD	600UL
		0.28	127	P 2	TWD 12	08C	+0.82	TEH	TEC					3		COLD	600UL
123	49	0.28	91	P 2	TWD 11	VH1	-0.84	TEH	TEC					3		COLD	600UL
		0.23	147	P 2	TWD 10	VH1	-0.84	TEH	TEC					3		COLD	600UL
123	59	0.26	124	P 2	TWD 12	VH1	+0.67	TEH	TEC					6		COLD	600UL
		0.26	124	P 2	TWD 12	VH1	+0.67	TEH	TEC					6		COLD	600UL
123	95	0.63	93	P 2	TWD 23	VH1	+0.90	TEH	TEC					13		COLD	600UL
		0.60	71	P 2	TWD 22	VH1	+0.90	TEH	TEC					13		COLD	600UL
123	97	0.31	10	P 2	TWD 13	DBH	+1.36	TEH	TEC					13		COLD	600UL
		0.31	10	P 2	TWD 13	DBH	+1.36	TEH	TEC					13		COLD	600UL
124	42	0.19	104	P 2	TWD 9	04C	+0.85	TEH	TEC					4		COLD	600UL
124	54	0.23	135	P 2	TWD 10	VH1	-0.86	TEH	TEC					3		COLD	600UL
		0.27	113	P 2	TWD 11	10H	+0.69	TEH	TEC	NEW				3		COLD	600UL
		0.23	136	P 2	TWD 10	VH1	-0.86	TEH	TEC					3		COLD	600UL
124	56	0.17	117	P 2	TWD 6	DBH	+1.69	TEH	TEC	NEW				5		COLD	600UL
124	64	0.32	51	P 2	TWD 12	VH1	+0.92	TSH	TEC	NEW				5		COLD	600UL
124	76	0.38	147	P 2	TWD 16	VH2	-0.73	TEH	TEC					8		COLD	600UL
		0.28	121	P 2	TWD 12	DBH	+1.72	TEH	TEC	NEW				8		COLD	600UL
		0.44	146	P 2	TWD 18	VH2	-0.73	TEH	TEC					8		COLD	600UL
124	84	0.29	125	P 2	TWD 13	VH1	-0.78	TEH	TEC					8		COLD	600UL
		0.30	55	P 2	TWD 13	VH2	-0.93	TEH	TEC					8		COLD	600UL
		0.36	86	P 2	TWD 16	VH2	-0.93	TEH	TEC					8		COLD	600UL
		0.38	89	P 2	TWD 16	VH1	-0.78	TEH	TEC					8		COLD	600UL
124	86	0.19	101	P 2	TWD 8	DBH	+1.39	TEH	TEC	NEW				7		COLD	600UL
		0.37	14	P 2	TWD 15	DBH	-0.11	TEH	TEC	NEW				7		COLD	600UL
124	96	0.55	45	P 2	TWD 20	DBH	+1.77	TEH	TEC					13		COLD	600UL
		0.19	21	P 2	TWD 8	DBH	+0.47	TEH	TEC					13		COLD	600UL
		0.24	30	P 2	TWD 10	DBH	+0.53	TEH	TEC					13		COLD	600UL
		0.57	43	P 2	TWD 21	DBH	+1.77	TEH	TEC					13		COLD	600UL
		0.19	21	P 2	TWD 8	DBH	+0.47	TEH	TEC					13		COLD	600UL
		0.19	71	P 2	TWD 10	DBH	+0.53	TEH	TEC					13		COLD	600UL
124	110	0.77	116	P 2	TWD 23	VH1	-0.11	TEH	TEC					15		COLD	600UL
		0.76	124	P 2	TWD 24	VH1	-0.11	TEH	TEC					15		COLD	600UL
124	112	0.97	119	P 2	TWD 26	VH1	+0.60	TEH	TEC					15		COLD	600UL
		0.81	106	P 2	TWD 25	VH1	+0.60	TEH	TEC					15		COLD	600UL
124	116	0.88	149	P 2	TWD 25	VH1	-0.60	TEH	TEC					15		COLD	600UL
		0.89	150	P 2	TWD 27	VH1	-0.60	TEH	TEC					15		COLD	600UL
124	134	0.16	71	P 2	TWD 8	DBH	+1.93	TEH	TEC	NEW				20		COLD	600UL
125	49	0.30	114	P 2	TWD 14	08C	+0.79	TEH	TEC					4		COLD	600UL
		0.31	107	P 2	TWD 14	08C	+0.79	TEH	TEC					4		COLD	600UL
125	67	0.36	56	P 2	TWD 14	VH1	+0.96	TEH	TEC					5		COLD	600UL
		0.37	55	P 2	TWD 14	VH1	+0.96	TEH	TEC					5		COLD	600UL
125	93	0.58	43	P 2	TWD 21	DBH	+1.80	TEH	TEC					13		COLD	600UL
		0.58	43	P 2	TWD 21	DBH	+1.80	TEH	TEC					13		COLD	600UL
125	97	0.30	49	P 2	TWD 14	DBH	+1.72	TEH	TEC	NEW				14		COLD	600UL
125	99	0.36	31	P 2	TWD 15	DBH	+0.72	TEH	TEC					13		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.39	40	P 2	TWD 16	DBH	+1.71	TEH	TEC					13		COLD	600UL
		0.36	31	P 2	TWD 15	DBH	+0.72	TEH	TEC					13		COLD	600UL
		0.40	42	P 2	TWD 16	DBH	+1.71	TEH	TEC					13		COLD	600UL
125	115	0.39	134	P 2	TWD 17	VH1	+0.58	TEH	TEC					16		COLD	600UL
		0.40	131	P 2	TWD 18	VH1	+0.58	TEH	TEC					16		COLD	600UL
125	131	0.17	158	P 2	TWD 8	DBH	+1.98	TEH	TEC	NEW				20		COLD	600UL
126	52	0.38	149	P 2	TWD 15	VH1	+0.84	TEH	TEC					3		COLD	600UL
		0.38	149	P 2	TWD 15	VH1	+0.84	TEH	TEC					3		COLD	600UL
126	56	0.23	44	P 2	TWD 9	VH1	-0.81	TEH	TEC					5		COLD	600UL
		0.24	44	P 2	TWD 9	VH1	-0.81	TEH	TEC					5		COLD	600UL
126	60	0.66	126	P 2	TWD 22	VH1	-0.96	TEH	TEC					5		COLD	600UL
		0.66	126	P 2	TWD 22	VH1	-0.96	TEH	TEC					5		COLD	600UL
126	62	0.21	137	P 2	TWD 10	VH1	+0.02	TEH	TEC					6		COLD	600UL
		0.28	124	P 2	TWD 13	VH1	-0.80	TEH	TEC					6		COLD	600UL
		0.28	126	P 2	TWD 13	VH1	-0.80	TEH	TEC					6		COLD	600UL
		0.21	137	P 2	TWD 10	VH1	+0.02	TEH	TEC					6		COLD	600UL
126	66	0.49	132	P 2	TWD 20	VH1	-0.41	TEH	TEC					6		COLD	600UL
		0.25	141	P 2	TWD 12	VH1	+0.66	TEH	TEC					6		COLD	600UL
		0.44	108	P 2	TWD 19	VH1	-0.41	TEH	TEC					6		COLD	600UL
		0.25	141	P 2	TWD 12	VH1	+0.66	TEH	TEC					6		COLD	600UL
126	80	0.35	119	P 2	TWD 15	VH1	-0.74	TEH	TEC					8		COLD	600UL
		0.35	119	P 2	TWD 15	VH1	-0.74	TEH	TEC					8		COLD	600UL
126	96	0.30	102	P 2	TWD 14	VH1	-0.67	TEH	TEC					14		COLD	600UL
		0.30	102	P 2	TWD 14	VH1	-0.67	TEH	TEC					14		COLD	600UL
126	100	0.34	100	P 2	TWD 15	VH1	-0.71	TEH	TEC					14		COLD	600UL
		0.34	100	P 2	TWD 15	VH1	-0.71	TEH	TEC					14		COLD	600UL
126	104	0.37	150	P 2	TWD 17	VH1	-0.56	TEH	TEC					16		COLD	600UL
		0.37	150	P 2	TWD 17	VH1	-0.56	TEH	TEC					16		COLD	600UL
126	106	0.53	131	P 2	TWD 21	VH1	-0.36	TEH	TEC					16		COLD	600UL
		0.53	131	P 2	TWD 22	VH1	-0.36	TEH	TEC					16		COLD	600UL
126	108	0.46	141	P 2	TWD 20	VH1	-0.75	TEH	TEC					16		COLD	600UL
		0.25	125	P 2	TWD 12	VH1	+0.17	TEH	TEC					16		COLD	600UL
		0.46	141	P 2	TWD 20	VH1	-0.75	TEH	TEC					16		COLD	600UL
		0.25	124	P 2	TWD 12	VH1	+0.17	TEH	TEC					16		COLD	600UL
126	110	0.95	133	P 2	TWD 31	VH1	+0.58	TEH	TEC					16		COLD	600UL
		0.96	132	P 2	TWD 31	VH1	+0.58	TEH	TEC					16		COLD	600UL
126	114	0.39	119	P 2	TWD 17	VH1	+0.71	TEH	TEC					16		COLD	600UL
		0.40	116	P 2	TWD 18	VH1	+0.71	TEH	TEC					16		COLD	600UL
126	118	0.29	121	P 2	TWD 13	VH1	+0.75	TEH	TEC					18		COLD	600UL
		0.33	148	P 2	TWD 14	VH1	+0.75	TEH	TEC					18		COLD	600UL
127	55	0.26	60	P 2	TWD 12	VH1	+0.71	TEH	TEC					4		COLD	600UL
		0.26	60	P 2	TWD 12	VH1	+0.71	TEH	TEC					4		COLD	600UL
127	103	0.42	118	P 2	TWD 18	VH1	-0.54	TEH	TEC					16		COLD	600UL
		0.74	98	P 2	TWD 27	VH1	+0.64	TEH	TEC					16		COLD	600UL
		0.43	116	P 2	TWD 19	VH1	-0.54	TEH	TEC					16		COLD	600UL
		0.75	97	P 2	TWD 27	VH1	+0.64	TEH	TEC					16		COLD	600UL
127	111	0.44	146	P 2	TWD 15	VH1	-0.64	TEH	TEC					15		COLD	600UL
		0.44	144	P 2	TWD 17	VH1	-0.64	TEH	TEC					15		COLD	600UL
127	115	0.44	100	P 2	TWD 15	VH1	+0.68	TEH	TEC					15		COLD	600UL
		0.43	94	P 2	TWD 17	VH1	+0.68	TEH	TEC					15		COLD	600UL
127	123	0.30	148	P 2	TWD 11	VH2	-0.84	TEH	TEC					17		COLD	600UL
		0.30	148	P 2	TWD 12	VH2	-0.84	TEH	TEC					17		COLD	600UL
128	46	0.23	125	P 2	TWD 11	02C	+0.77	TEH	TEC					4		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
128	58	0.39	111	P 2	TWD 17	VH3	+0.90	TEH	TEC					6		COLD	600UL
		0.23	36	P 2	TWD 11	VH3	+0.26	TEH	TEC					6		COLD	600UL
		0.23	143	P 2	TWD 11	VH3	+0.90	TEH	TEC					6		COLD	600UL
		0.23	36	P 2	TWD 11	VH3	+0.26	TEH	TEC					6		COLD	600UL
128	70	0.35	71	P 2	TWD 13	VH1	-0.62	TEH	TEC	NEW				5		COLD	600UL
128	76	0.30	122	P 2	TWD 13	10H	+0.88	TEH	TEC					8		COLD	600UL
		0.30	125	P 2	TWD 13	10H	+0.88	TEH	TEC					8		COLD	600UL
128	78	0.47	122	P 2	TWD 18	VH1	-0.73	TEH	TEC					7		COLD	600UL
		0.51	134	P 2	TWD 19	VH1	-0.73	TEH	TEC					7		COLD	600UL
128	80	0.30	125	P 2	TWD 12	VH1	-0.79	TEH	TEC					7		COLD	600UL
		0.33	141	P 2	TWD 14	VH1	-0.79	TEH	TEC					7		COLD	600UL
128	82	0.32	111	P 2	TWD 13	VH1	-1.00	TEH	TEC					7		COLD	600UL
		0.33	113	P 2	TWD 14	VH1	-1.00	TEH	TEC					7		COLD	600UL
128	84	0.41	56	P 2	TWD 17	VH1	-0.86	TEH	TEC					8		COLD	600UL
		0.29	136	P 2	TWD 13	VH1	+0.82	TEH	TEC					8		COLD	600UL
		0.39	47	P 2	TWD 16	VH1	-0.86	TEH	TEC					8		COLD	600UL
		0.30	141	P 2	TWD 13	VH1	+0.82	TEH	TEC					8		COLD	600UL
128	86	0.41	110	P 2	TWD 16	VH1	-0.88	TEH	TEC					7		COLD	600UL
		0.42	113	P 2	TWD 16	VH1	-0.88	TEH	TEC					7		COLD	600UL
128	100	0.46	122	P 2	TWD 18	VH1	-0.83	TEH	TEC					13		COLD	600UL
		0.46	133	P 2	TWD 18	VH1	-0.83	TEH	TEC					13		COLD	600UL
128	106	0.47	153	P 2	TWD 16	VH1	-0.66	TEH	TEC					15		COLD	600UL
		0.49	152	P 2	TWD 18	VH1	-0.66	TEH	TEC					15		COLD	600UL
128	130	0.22	95	P 2	TWD 8	08C	-0.95	TEH	TEC					30		COLD	600UL
		0.22	95	P 2	TWD 8	08C	-0.95	TEH	TEC					30		COLD	600UL
129	75	0.31	116	P 2	TWD 12	VH1	+0.68	TEH	TEC					7		COLD	600UL
		0.36	107	P 2	TWD 14	VH1	+0.68	TEH	TEC					7		COLD	600UL
129	99	0.62	62	P 2	TWD 22	10H	-0.26	TEH	TEC					13		COLD	600UL
		0.62	62	P 2	TWD 22	10H	-0.26	TEH	TEC					13		COLD	600UL
129	129	0.38	137	P 2	TWD 16	DBH	+2.02	TEH	TEC	NEW				18		COLD	600UL
130	54	0.30	117	P 2	TWD 12	DBH	-1.89	TEH	TEC	NEW				3		COLD	600UL
130	56	0.14	54	P 2	TWD 5	DBH	-2.25	TEH	TEC	NEW				5		COLD	600UL
130	72	0.27	136	P 2	TWD 10	VH1	-0.84	TEH	TEC					5		COLD	600UL
		0.27	136	P 2	TWD 10	VH1	-0.84	TEH	TEC					5		COLD	600UL
130	74	0.46	105	P 2	TWD 17	VH1	-0.75	TEH	TEC					7		COLD	600UL
		0.48	106	P 2	TWD 18	VH1	-0.75	TEH	TEC					7		COLD	600UL
130	76	0.43	102	P 2	TWD 16	VH1	+0.60	TEH	TEC					7		COLD	600UL
		0.43	102	P 2	TWD 17	VH1	+0.60	TEH	TEC					7		COLD	600UL
130	78	0.29	86	P 2	TWD 12	VH1	-0.81	TEH	TEC					7		COLD	600UL
		0.32	118	P 2	TWD 13	VH1	-0.81	TEH	TEC					7		COLD	600UL
130	84	0.49	63	P 2	TWD 18	VH1	-0.79	TEH	TEC					7		COLD	600UL
		0.49	63	P 2	TWD 18	VH1	-0.79	TEH	TEC					7		COLD	600UL
130	88	0.31	96	P 2	TWD 14	VH1	+0.09	TEH	TEC					14		COLD	600UL
		0.15	160	P 2	TWD 7	VH1	+0.47	TEH	TEC					14		COLD	600UL
		0.15	160	P 2	TWD 7	VH1	+0.47	TEH	TEC					14		COLD	600UL
		0.31	96	P 2	TWD 14	VH1	+0.09	TEH	TEC					14		COLD	600UL
130	106	0.44	140	P 2	TWD 19	VH1	-0.69	TEH	TEC					16		COLD	600UL
		0.31	108	P 2	TWD 14	VH1	-0.09	TEH	TEC					16		COLD	600UL
		0.45	139	P 2	TWD 20	VH1	-0.69	TEH	TEC					16		COLD	600UL
		0.31	107	P 2	TWD 15	VH1	-0.09	TEH	TEC					16		COLD	600UL
131	51	0.11	48	P 2	TWD 3	VH2	+0.32	TEH	TEC					9		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.55	127	P 2	TWD 19	VH2	+0.81	TEH	TEC					9		COLD	600UL
		0.66	96	P 2	TWD 22	DBC	+2.00	TEH	TEC					9		COLD	600UL
		0.55	127	P 2	TWD 19	VH2	+0.81	TEH	TEC					9		COLD	600UL
		0.64	101	P 2	TWD 21	DBC	+2.00	TEH	TEC					9		COLD	600UL
		0.11	48	P 2	TWD 3	VH2	+0.32	TEH	TEC					9		COLD	600UL
131	57	0.25	120	P 2	TWD 9	DBH	+1.69	TEH	TEC	NEW				9		COLD	600UL
131	83	0.36	74	P 2	TWD 14	VH1	-0.77	TEH	TEC					10		COLD	600UL
		0.36	82	P 2	TWD 15	VH1	-0.77	TEH	TEC					10		COLD	600UL
131	89	0.19	111	P 2	TWD 9	VH1	-1.00	TEH	TEC					11		COLD	600UL
		0.19	111	P 2	TWD 9	VH1	-1.00	TEH	TEC					11		COLD	600UL
131	97	0.30	93	P 2	TWD 13	VH1	+0.96	TEH	TEC					11		COLD	600UL
		0.39	142	P 2	TWD 16	10H	-1.09	TEH	TEC					11		COLD	600UL
		0.08	15	P 2	TWD 4	VH1	-0.98	TEH	TEC					11		COLD	600UL
		0.30	93	P 2	TWD 13	VH1	+0.96	TEH	TEC					11		COLD	600UL
		0.39	142	P 2	TWD 16	10H	-1.09	TEH	TEC					11		COLD	600UL
		0.08	9	P 2	TWD 4	VH1	-0.98	TEH	TEC					11		COLD	600UL
131	99	0.30	47	P 2	TWD 12	10H	-1.09	TEH	TEC					11		COLD	600UL
		0.35	129	P 2	TWD 15	10H	-1.09	TEH	TEC					11		COLD	600UL
131	103	0.93	54	P 2	TWD 29	VC3	-0.69	TEH	TEC					11		COLD	600UL
		0.93	54	P 2	TWD 29	VC3	-0.69	TEH	TEC					11		COLD	600UL
132	68	0.29	78	P 2	TWD 11	VH2	-0.77	TEH	TEC					9		COLD	600UL
		0.28	62	P 2	TWD 11	VH2	-0.77	TEH	TEC					9		COLD	600UL
132	70	0.27	85	P 2	TWD 10	VH1	+0.19	TEH	TEC					9		COLD	600UL
		0.70	85	P 2	TWD 23	VH1	+0.66	TEH	TEC					9		COLD	600UL
		0.71	87	P 2	TWD 23	VH1	+0.66	TEH	TEC					9		COLD	600UL
		0.25	87	P 2	TWD 10	VH1	+0.19	TEH	TEC					9		COLD	600UL
132	76	0.30	104	P 2	TWD 13	VH2	-0.90	TEH	TEC					10		COLD	600UL
		0.26	97	P 2	TWD 11	VH2	-0.90	TEH	TEC					10		COLD	600UL
132	78	0.33	78	P 2	TWD 13	VH1	-0.73	TEH	TEC					10		COLD	600UL
		0.28	121	P 2	TWD 12	VH1	-0.73	TEH	TEC					10		COLD	600UL
132	82	0.33	67	P 2	TWD 14	VH1	-0.69	TEH	TEC					10		COLD	600UL
		0.29	138	P 2	TWD 12	VH2	-0.82	TEH	TEC					10		COLD	600UL
		0.30	55	P 2	TWD 12	VH1	-0.69	TEH	TEC					10		COLD	600UL
		0.28	137	P 2	TWD 12	VH2	-0.82	TEH	TEC					10		COLD	600UL
132	84	0.28	141	P 2	TWD 12	VH1	-0.70	TEH	TEC					10		COLD	600UL
		0.28	141	P 2	TWD 12	VH1	-0.70	TEH	TEC					10		COLD	600UL
132	92	0.24	61	P 2	TWD 11	VH2	-0.83	TEH	TEC					11		COLD	600UL
		0.35	64	P 2	TWD 15	VH1	-0.88	TEH	TEC					11		COLD	600UL
		0.35	64	P 2	TWD 15	VH1	-0.88	TEH	TEC					11		COLD	600UL
		0.25	74	P 2	TWD 11	VH2	-0.83	TEH	TEC					11		COLD	600UL
132	96	0.40	67	P 2	TWD 16	VH1	-0.75	TEH	TEC					11		COLD	600UL
		0.15	88	P 2	TWD 7	VH1	+0.49	TEH	TEC					11		COLD	600UL
		0.41	72	P 2	TWD 17	VH1	-0.75	TEH	TEC					11		COLD	600UL
		0.16	126	P 2	TWD 8	VH1	+0.49	TEH	TEC					11		COLD	600UL
132	100	0.51	119	P 2	TWD 20	VH1	-0.86	TEH	TEC					11		COLD	600UL
		0.51	119	P 2	TWD 20	VH1	-0.86	TEH	TEC					11		COLD	600UL
132	118	0.15	76	P 2	TWD 7	DBH	+1.94	TEH	TEC	NEW				11		COLD	600UL
133	51	0.21	71	P 2	TWD 9	08C	+0.83	TEH	TEC					10		COLD	600UL
		0.21	71	P 2	TWD 9	08C	+0.83	TEH	TEC					10		COLD	600UL
133	75	0.47	46	P 2	TWD 17	10H	+0.79	TEH	TEC					9		COLD	600UL
		0.47	46	P 2	TWD 17	10H	+0.79	TEH	TEC					9		COLD	600UL
133	87	0.93	118	P 2	TWD 28	VH1	-0.62	TEH	TEC					10		COLD	600UL
		0.93	118	P 2	TWD 28	VH1	-0.62	TEH	TEC					10		COLD	600UL
133	91	0.23	94	P 2	TWD 11	VH1	-0.81	TEH	TEC					12		COLD	600UL
		0.22	52	P 2	TWD 10	VH1	-0.81	TEH	TEC					12		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCL, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.gry

ROW	LINE	VOLTS	DEG	CHN	IND	TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
133	101	0.39	149	P	2	TWD	17	VH1	TEH	TEC				12	COLD	600UL	
		0.40	148	P	2	TWD	17	VH1	TEH	TEC				12	COLD	600UL	
134	58	0.31	152	P	2	TWD	13	VC2	TEH	TEC				10	COLD	600UL	
		0.35	108	P	2	TWD	14	VC1	TEH	TEC				10	COLD	600UL	
		0.35	106	P	2	TWD	14	VC1	TEH	TEC				10	COLD	600UL	
		0.31	152	P	2	TWD	13	VC2	TEH	TEC				10	COLD	600UL	
134	60	0.43	105	P	2	TWD	16	DBH	TEH	TEC				10	COLD	600UL	
		0.43	106	P	2	TWD	17	DBH	TEH	TEC				10	COLD	600UL	
134	64	0.33	158	P	2	TWD	14	VH2	TEH	TEC				10	COLD	600UL	
		0.33	158	P	2	TWD	13	VH2	TEH	TEC				10	COLD	600UL	
134	66	0.28	153	P	2	TWD	12	VH1	TEH	TEC				10	COLD	600UL	
		0.33	154	P	2	TWD	14	VH2	TEH	TEC				10	COLD	600UL	
		0.28	153	P	2	TWD	12	VH1	TEH	TEC				10	COLD	600UL	
		0.33	154	P	2	TWD	14	VH2	TEH	TEC				10	COLD	600UL	
134	68	0.34	139	P	2	TWD	14	VH2	TEH	TEC				10	COLD	600UL	
		0.34	139	P	2	TWD	14	VH2	TEH	TEC				10	COLD	600UL	
134	74	0.42	107	P	2	TWD	17	VH1	TEH	TEC				10	COLD	600UL	
		0.39	92	P	2	TWD	15	VH1	TEH	TEC				10	COLD	600UL	
134	84	0.68	142	P	2	TWD	22	VH1	TEH	TEC				9	COLD	600UL	
		0.68	142	P	2	TWD	22	VH1	TEH	TEC				9	COLD	600UL	
134	88	0.65	122	P	2	TWD	23	VH1	TEH	TEC				11	COLD	600UL	
		0.65	122	P	2	TWD	23	VH1	TEH	TEC				11	COLD	600UL	
134	90	0.19	141	P	2	TWD	9	VH1	TEH	TEC				11	COLD	600UL	
		0.19	141	P	2	TWD	9	VH1	TEH	TEC				11	COLD	600UL	
134	94	0.35	134	P	2	TWD	15	VH1	TEH	TEC				12	COLD	600UL	
		0.26	76	P	2	TWD	12	VH1	TEH	TEC				12	COLD	600UL	
		0.35	122	P	2	TWD	16	VH1	TEH	TEC				12	COLD	600UL	
		0.25	67	P	2	TWD	12	VH1	TEH	TEC				12	COLD	600UL	
134	96	0.41	137	P	2	TWD	17	VH1	TEH	TEC				12	COLD	600UL	
		0.38	137	P	2	TWD	17	VH1	TEH	TEC				12	COLD	600UL	
134	100	0.29	145	P	2	TWD	13	VH1	TEH	TEC				12	COLD	600UL	
		0.29	145	P	2	TWD	13	VH1	TEH	TEC				12	COLD	600UL	
134	102	0.38	144	P	2	TWD	16	VH2	TEH	TEC				11	COLD	600UL	
		0.38	144	P	2	TWD	16	VH2	TEH	TEC				11	COLD	600UL	
134	110	0.60	146	P	2	TWD	22	VH1	TEH	TEC				12	COLD	600UL	
		0.60	145	P	2	TWD	23	VH1	TEH	TEC				12	COLD	600UL	
135	57	0.28	8	P	2	TWD	12	DBH	TEH	TEC	NEW			10	COLD	600UL	
135	97	0.50	91	P	2	TWD	19	VH1	TEH	TEC				11	COLD	600UL	
		0.50	91	P	2	TWD	19	VH1	TEH	TEC				11	COLD	600UL	
136	60	0.41	124	P	2	TWD	15	VC3	TEH	TEC	NEW			9	COLD	600UL	
		0.44	113	P	2	TWD	16	DBH	TEH	TEC	NEW			9	COLD	600UL	
		0.31	62	P	2	TWD	12	VC3	TEH	TEC	NEW			9	COLD	600UL	
136	70	0.67	32	P	2	TWD	22	VH1	TEH	TEC				9	COLD	600UL	
		0.66	33	P	2	TWD	22	VH1	TEH	TEC				9	COLD	600UL	
136	76	0.46	137	P	2	TWD	18	VH1	TEH	TEC				10	COLD	600UL	
		0.47	135	P	2	TWD	18	VH1	TEH	TEC				10	COLD	600UL	
136	78	0.43	128	P	2	TWD	16	VH1	TEH	TEC				10	COLD	600UL	
		0.43	128	P	2	TWD	16	VH1	TEH	TEC				10	COLD	600UL	
136	82	0.32	160	P	2	TWD	13	VH1	TEH	TEC				10	COLD	600UL	
		0.31	160	P	2	TWD	13	VH1	TEH	TEC				10	COLD	600UL	
136	84	0.47	41	P	2	TWD	18	VH1	TEH	TEC				10	COLD	600UL	
		0.50	99	P	2	TWD	19	VH1	TEH	TEC				10	COLD	600UL	

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.47	41	P 2	TWD 18	VH1	-0.47	TEH	TEC					10		COLD	600UL
		0.50	99	P 2	TWD 18	VH1	+0.80	TEH	TEC					10		COLD	600UL
136	92	0.35	128	P 2	TWD 15	VH1	-0.77	TEH	TEC					11		COLD	600UL
		0.38	140	P 2	TWD 16	VH1	-0.77	TEH	TEC					11		COLD	600UL
136	100	0.37	128	P 2	TWD 15	VH2	-0.92	TEH	TEC					11		COLD	600UL
		0.37	128	P 2	TWD 15	VH2	-0.92	TEH	TEC					11		COLD	600UL
136	106	0.53	71	P 2	TWD 20	VH2	-1.20	TEH	TEC					11		COLD	600UL
		0.55	23	P 2	TWD 21	VH2	-1.20	TEH	TEC					11		COLD	600UL
136	108	0.50	104	P 2	TWD 19	VH1	-0.94	TEH	TEC					11		COLD	600UL
		0.27	69	P 2	TWD 12	VH1	+0.77	TEH	TEC					11		COLD	600UL
		0.50	104	P 2	TWD 19	VH1	-0.94	TEH	TEC					11		COLD	600UL
		0.27	69	P 2	TWD 12	VH1	+0.77	TEH	TEC					11		COLD	600UL
136	118	0.31	19	P 2	TWD 14	DBH	+1.96	TEH	TEC	NEW				12		COLD	600UL
137	59	0.48	134	P 2	TWD 18	DBC	+1.71	TEH	TEC					10		COLD	600UL
		0.47	129	P 2	TWD 18	DBC	+1.71	TEH	TEC					10		COLD	600UL
137	69	0.47	129	P 2	TWD 18	VH1	-0.94	TEH	TEC					10		COLD	600UL
		0.23	129	P 2	TWD 10	VH1	+1.00	TEH	TEC					10		COLD	600UL
		0.36	124	P 2	TWD 14	VH1	-0.94	TEH	TEC					10		COLD	600UL
		0.23	116	P 2	TWD 10	VH1	+1.00	TEH	TEC					10		COLD	600UL
137	85	0.29	102	P 2	TWD 11	09H	+0.88	TEH	TEC					9		COLD	600UL
		0.11	151	P 2	TWD 3	09H	-1.05	TEH	TEC					9		COLD	600UL
		0.30	107	P 2	TWD 12	09H	+0.88	TEH	TEC					9		COLD	600UL
		0.11	151	P 2	TWD 3	09H	-1.05	TEH	TEC					9		COLD	600UL
137	89	0.38	125	P 2	TWD 16	VH1	+0.79	TEH	TEC					12		COLD	600UL
		0.20	128	P 2	TWD 9	VH1	-0.88	TEH	TEC					12		COLD	600UL
		0.23	110	P 2	TWD 10	VH1	-0.88	TEH	TEC					12		COLD	600UL
		0.38	125	P 2	TWD 16	VH1	+0.79	TEH	TEC					12		COLD	600UL
137	93	0.34	84	P 2	TWD 14	VH1	-0.92	TEH	TEC					12		COLD	600UL
		0.34	84	P 2	TWD 14	VH1	-0.92	TEH	TEC					12		COLD	600UL
137	103	0.58	39	P 2	TWD 21	VH1	-0.81	TEH	TEC					11		COLD	600UL
		0.58	40	P 2	TWD 21	VH1	-0.81	TEH	TEC					11		COLD	600UL
138	64	0.25	141	P 2	TWD 11	VH2	-0.75	TEH	TEC					10		COLD	600UL
		0.25	138	P 2	TWD 10	VH2	-0.75	TEH	TEC					10		COLD	600UL
138	68	0.12	50	P 2	TWD 5	DBH	+1.82	TEH	TEC	NEW				10		COLD	600UL
138	70	0.16	35	P 2	TWD 7	DBH	+1.86	TEH	TEC	NEW				10		COLD	600UL
138	72	0.29	126	P 2	TWD 11	VH2	-0.83	TEH	TEC					9		COLD	600UL
		0.29	126	P 2	TWD 11	VH2	-0.83	TEH	TEC					9		COLD	600UL
138	74	0.84	120	P 2	TWD 26	VH1	-0.88	TEH	TEC					10		COLD	600UL
		0.34	152	P 2	TWD 14	VH2	-0.86	TEH	TEC					10		COLD	600UL
		0.84	120	P 2	TWD 26	VH1	-0.88	TEH	TEC					10		COLD	600UL
		0.34	152	P 2	TWD 14	VH2	-0.86	TEH	TEC					10		COLD	600UL
138	76	0.44	83	P 2	TWD 16	VH1	-0.26	TEH	TEC					9		COLD	600UL
		0.46	76	P 2	TWD 17	VH2	-0.83	TEH	TEC					9		COLD	600UL
		0.44	83	P 2	TWD 16	VH1	-0.26	TEH	TEC					9		COLD	600UL
		0.46	76	P 2	TWD 17	VH2	-0.83	TEH	TEC					9		COLD	600UL
138	86	0.44	92	P 2	TWD 16	VH2	-0.84	TEH	TEC					9		COLD	600UL
		0.44	92	P 2	TWD 16	VH2	-0.84	TEH	TEC					9		COLD	600UL
138	88	0.33	60	P 2	TWD 14	VH1	+0.70	TEH	TEC					11		COLD	600UL
		0.88	82	P 2	TWD 28	VH1	-0.73	TEH	TEC					11		COLD	600UL
		0.88	82	P 2	TWD 28	VH1	-0.73	TEH	TEC					11		COLD	600UL
		0.33	60	P 2	TWD 14	VH1	+0.70	TEH	TEC					11		COLD	600UL
138	92	0.32	123	P 2	TWD 14	VH2	-0.84	TEH	TEC					12		COLD	600UL
		0.26	135	P 2	TWD 12	VH1	-0.66	TEH	TEC					12		COLD	600UL
		0.31	128	P 2	TWD 14	VH2	-0.84	TEH	TEC					12		COLD	600UL
		0.26	135	P 2	TWD 12	VH1	-0.66	TEH	TEC					12		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
138	94	0.30	31	P 2	TWD 13	VH1	+0.85	TEH	TEC					11		COLD	600UL
		0.20	67	P 2	TWD 9	VH2	+0.83	TEH	TEC					11		COLD	600UL
		0.30	31	P 2	TWD 13	VH1	+0.85	TEH	TEC					11		COLD	600UL
		0.20	67	P 2	TWD 9	VH2	+0.83	TEH	TEC					11		COLD	600UL
139	69	0.24	130	P 2	TWD 9	VH1	+0.81	TEH	TEC					9		COLD	600UL
		0.98	73	P 2	TWD 28	VC1	-0.75	TEH	TEC					9		COLD	600UL
		0.24	130	P 2	TWD 9	VH1	+0.81	TEH	TEC					9		COLD	600UL
		0.98	73	P 2	TWD 28	VC1	-0.75	TEH	TEC					9		COLD	600UL
139	93	0.37	120	P 2	TWD 15	VC1	+0.90	TEH	TEC					11		COLD	600UL
		0.37	120	P 2	TWD 15	VC1	+0.90	TEH	TEC					11		COLD	600UL
139	111	0.36	138	P 2	TWD 15	DBH	+2.09	TEH	TEC	NEW				11		COLD	600UL
140	72	0.36	20	P 2	TWD 15	DBH	+1.91	TEH	TEC	NEW				10		COLD	600UL
140	76	0.47	109	P 2	TWD 17	VH1	-0.86	TEH	TEC					9		COLD	600UL
		0.47	109	P 2	TWD 17	VH1	-0.86	TEH	TEC					9		COLD	600UL
140	78	0.24	146	P 2	TWD 10	VH1	-0.96	TEH	TEC					10		COLD	600UL
		0.25	151	P 2	TWD 10	VH1	-0.96	TEH	TEC					10		COLD	600UL
		0.29	149	P 2	TWD 12	VH2	-0.80	TEH	TEC	NEW				10		COLD	600UL
140	80	0.31	49	P 2	TWD 12	DBH	-1.72	TEH	TEC					9		COLD	600UL
		0.77	77	P 2	TWD 24	VH1	-0.79	TEH	TEC					9		COLD	600UL
		0.31	49	P 2	TWD 12	DBH	-1.72	TEH	TEC					9		COLD	600UL
		0.77	81	P 2	TWD 25	VH1	-0.79	TEH	TEC					9		COLD	600UL
140	82	0.22	127	P 2	TWD 10	VH2	-0.83	TEH	TEC					10		COLD	600UL
		0.21	138	P 2	TWD 9	VH1	-0.68	TEH	TEC					10		COLD	600UL
		0.24	136	P 2	TWD 10	VH1	-0.68	TEH	TEC					10		COLD	600UL
		0.25	134	P 2	TWD 10	VH2	-0.83	TEH	TEC					10		COLD	600UL
140	84	0.36	150	P 2	TWD 15	VH2	-0.92	TEH	TEC					10		COLD	600UL
		0.36	150	P 2	TWD 15	VH2	-0.92	TEH	TEC					10		COLD	600UL
140	88	0.36	125	P 2	TWD 15	VH2	-0.83	TEH	TEC					12		COLD	600UL
		0.35	125	P 2	TWD 15	VH2	-0.83	TEH	TEC					12		COLD	600UL
140	92	0.22	59	P 2	TWD 10	VH2	-0.81	TEH	TEC					11		COLD	600UL
		0.28	145	P 2	TWD 12	VH1	-0.71	TEH	TEC					11		COLD	600UL
		0.28	115	P 2	TWD 12	VH1	-0.71	TEH	TEC					11		COLD	600UL
		0.24	83	P 2	TWD 11	VH2	-0.81	TEH	TEC					11		COLD	600UL
140	106	0.31	64	P 2	TWD 14	DBH	+1.90	TEH	TEC	NEW				12		COLD	600UL
141	63	0.36	86	P 2	TWD 15	DBH	-1.35	TEH	TEC					10		COLD	600UL
		0.27	127	P 2	TWD 11	08H	+0.71	TEH	TEC					10		COLD	600UL
		0.36	85	P 2	TWD 14	DBH	-1.35	TEH	TEC					10		COLD	600UL
		0.27	129	P 2	TWD 11	08H	+0.71	TEH	TEC					10		COLD	600UL
141	65	0.52	118	P 2	TWD 19	09H	+0.66	TEH	TEC					10		COLD	600UL
		0.34	147	P 2	TWD 14	VH1	+1.18	TEH	TEC					10		COLD	600UL
		1.01	99	P 2	TWD 29	DBC	+1.59	TEH	TEC					10		COLD	600UL
		0.35	112	P 2	TWD 14	07H	-0.64	TEH	TEC					10		COLD	600UL
		0.35	116	P 2	TWD 14	07H	-0.64	TEH	TEC					10		COLD	600UL
		1.00	91	P 2	TWD 29	DBC	+1.59	TEH	TEC					10		COLD	600UL
		0.51	138	P 2	TWD 19	09H	+0.66	TEH	TEC					10		COLD	600UL
		0.34	147	P 2	TWD 14	VH1	+1.18	TEH	TEC					10		COLD	600UL
141	67	0.22	57	P 2	TWD 10	DBH	+1.87	TEH	TEC					10		COLD	600UL
		0.21	53	P 2	TWD 10	DBH	+1.87	TEH	TEC					10		COLD	600UL
141	69	0.20	63	P 2	TWD 9	DBH	+1.95	TEH	TEC	NEW				10		COLD	600UL
		0.21	47	P 2	TWD 9	DBC	+1.75	TEH	TEC	NEW				10		COLD	600UL
141	71	0.24	22	P 2	TWD 9	DBH	+2.25	TEH	TEC	NEW				9		COLD	600UL
141	83	0.65	85	P 2	TWD 22	VC1	+1.01	TEH	TEC					9		COLD	600UL
		0.65	85	P 2	TWD 22	VC1	+1.01	TEH	TEC					9		COLD	600UL
141	93	0.31	143	P 2	TWD 13	VC1	+0.86	TEH	TEC					12		COLD	600UL
		0.31	143	P 2	TWD 13	VC1	+0.86	TEH	TEC					12		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
141	97	0.30	100	P 2	TWD 14	VH2	+0.96	TEH	TEC					12		COLD	600UL
		0.33	115	P 2	TWD 14	VH2	+0.96	TEH	TEC					12		COLD	600UL
141	109	0.31	79	P 2	TWD 14	VH2	-0.77	TEH	TEC					12		COLD	600UL
		0.34	78	P 2	TWD 15	VH2	-0.77	TEH	TEC					12		COLD	600UL
141	113	0.36	155	P 2	TWD 15	09C	+0.74	TEH	TEC					12		COLD	600UL
		0.36	155	P 2	TWD 15	09C	+0.74	TEH	TEC					12		COLD	600UL
142	66	0.84	118	P 2	TWD 26	DBH	+2.00	TEH	TEC					10		COLD	600UL
		0.33	110	P 2	TWD 13	VC3	-0.84	TEH	TEC					10		COLD	600UL
		0.33	136	P 2	TWD 14	01H	+0.44	TEH	TEC					10		COLD	600UL
		0.43	99	P 2	TWD 17	VH1	+0.80	TEH	TEC					10		COLD	600UL
		0.83	109	P 2	TWD 26	DBC	+1.61	TEH	TEC					10		COLD	600UL
		0.42	64	P 2	TWD 16	VH1	+0.80	TEH	TEC					10		COLD	600UL
		0.33	110	P 2	TWD 13	VC3	-0.84	TEH	TEC					10		COLD	600UL
		0.83	108	P 2	TWD 26	DBC	+1.61	TEH	TEC					10		COLD	600UL
		0.87	96	P 2	TWD 27	DBH	+2.00	TEH	TEC					10		COLD	600UL
142	72	0.32	92	P 2	TWD 12	VH1	+1.01	TEH	TEC					9		COLD	600UL
		0.35	54	P 2	TWD 13	DBH	+1.69	TEH	TEC	NEW				9		COLD	600UL
		0.31	103	P 2	TWD 12	VH1	+1.01	TEH	TEC					9		COLD	600UL
142	74	0.32	52	P 2	TWD 12	DBH	+2.01	TEH	TEC	NEW				9		COLD	600UL
142	78	0.80	101	P 2	TWD 25	VH1	-0.90	TEH	TEC					9		COLD	600UL
		0.80	101	P 2	TWD 25	VH1	-0.90	TEH	TEC					9		COLD	600UL
142	80	0.38	157	P 2	TWD 15	VH2	-0.88	TEH	TEC					10		COLD	600UL
		0.38	154	P 2	TWD 15	VH2	-0.88	TEH	TEC					10		COLD	600UL
142	82	0.71	84	P 2	TWD 23	VH2	-0.90	TEH	TEC					9		COLD	600UL
		0.71	84	P 2	TWD 23	VH2	-0.90	TEH	TEC					9		COLD	600UL
142	90	0.31	145	P 2	TWD 14	VH2	-0.83	TEH	TEC					12		COLD	600UL
		0.31	145	P 2	TWD 14	VH2	-0.83	TEH	TEC					12		COLD	600UL
142	92	0.37	153	P 2	TWD 16	VH1	-0.85	TEH	TEC					12		COLD	600UL
		0.28	50	P 2	TWD 12	VH2	-0.77	TEH	TEC					12		COLD	600UL
		0.37	153	P 2	TWD 16	VH1	-0.85	TEH	TEC					12		COLD	600UL
		0.28	50	P 2	TWD 12	VH2	-0.77	TEH	TEC					12		COLD	600UL
142	94	0.26	146	P 2	TWD 12	VH2	-0.86	TEH	TEC					12		COLD	600UL
		0.20	109	P 2	TWD 10	VH1	-0.79	TEH	TEC					12		COLD	600UL
		0.17	34	P 2	TWD 9	VH1	+0.81	TEH	TEC					12		COLD	600UL
		0.21	101	P 2	TWD 10	VH1	-0.79	TEH	TEC					12		COLD	600UL
		0.18	32	P 2	TWD 9	VH1	+0.81	TEH	TEC					12		COLD	600UL
		0.24	148	P 2	TWD 12	VH2	-0.86	TEH	TEC					12		COLD	600UL
142	98	0.40	115	P 2	TWD 16	VH1	+0.66	TEH	TEC					12		COLD	600UL
		0.38	121	P 2	TWD 16	VH1	+0.66	TEH	TEC					12		COLD	600UL
142	104	0.32	133	P 2	TWD 14	DBH	+2.20	TEH	TEC					11		COLD	600UL
		0.32	133	P 2	TWD 14	DBH	+2.20	TEH	TEC					11		COLD	600UL
142	108	0.29	128	P 2	TWD 13	VH1	-0.82	TEH	TEC					12		COLD	600UL
		0.27	156	P 2	TWD 13	VH2	-0.82	TEH	TEC					12		COLD	600UL
		0.31	127	P 2	TWD 14	VH3	+0.86	TEH	TEC					12		COLD	600UL
		0.31	127	P 2	TWD 14	VH3	+0.86	TEH	TEC					12		COLD	600UL
		0.29	122	P 2	TWD 14	VH1	-0.82	TEH	TEC					12		COLD	600UL
		0.29	154	P 2	TWD 13	VH2	-0.82	TEH	TEC					12		COLD	600UL
142	110	0.22	46	P 2	TWD 10	DBH	+2.13	TEH	TEC	NEW				12		COLD	600UL
143	71	0.37	41	P 2	TWD 15	DBH	-1.68	TEH	TEC					10		COLD	600UL
		0.41	143	P 2	TWD 16	DBH	+2.15	TEH	TEC					10		COLD	600UL
		0.36	39	P 2	TWD 14	DBH	-1.68	TEH	TEC					10		COLD	600UL
		0.38	150	P 2	TWD 15	DBH	+2.15	TEH	TEC					10		COLD	600UL
143	75	0.35	86	P 2	TWD 14	DBH	+2.10	TEH	TEC					10		COLD	600UL
		0.35	86	P 2	TWD 14	DBH	+2.10	TEH	TEC					10		COLD	600UL
143	79	0.58	94	P 2	TWD 20	DBH	+2.05	TEH	TEC					9		COLD	600UL
		0.58	94	P 2	TWD 20	DBH	+2.05	TEH	TEC					9		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
143	83	0.17	25	P 2	TWD 8	DBC	+1.78	TEH	TEC	NEW				10		COLD	600UL
143	89	0.26	49	P 2	TWD 12	08C	+0.80	TEH	TEC					11		COLD	600UL
		0.26	49	P 2	TWD 12	08C	+0.80	TEH	TEC					11		COLD	600UL
143	91	0.44	27	P 2	TWD 18	VC1	-0.84	TEH	TEC					11		COLD	600UL
		0.44	27	P 2	TWD 18	VC1	-0.84	TEH	TEC					11		COLD	600UL
143	99	0.17	45	P 2	TWD 8	DBC	+1.75	TEH	TEC	NEW				11		COLD	600UL
143	101	0.27	55	P 2	TWD 12	VC1	-0.84	TEH	TEC					11		COLD	600UL
		0.27	55	P 2	TWD 12	VC1	-0.84	TEH	TEC					11		COLD	600UL
143	105	0.35	56	P 2	TWD 15	DBH	-1.87	TEH	TEC					12		COLD	600UL
		0.29	17	P 2	TWD 13	DBH	+1.96	TEH	TEC					12		COLD	600UL
		0.48	122	P 2	TWD 19	DBC	+1.72	TEH	TEC					12		COLD	600UL
		0.35	56	P 2	TWD 15	DBH	-1.87	TEH	TEC					12		COLD	600UL
		0.48	122	P 2	TWD 19	DBC	+1.72	TEH	TEC					12		COLD	600UL
		0.29	17	P 2	TWD 13	DBH	+1.96	TEH	TEC					12		COLD	600UL
144	78	1.26	45	P 2	TWD 33	DBH	+2.06	TEH	TEC					9		COLD	600UL
		1.26	45	P 2	TWD 33	DBH	+2.06	TEH	TEC					9		COLD	600UL
144	80	0.39	136	P 2	TWD 14	DBC	+2.24	TEH	TEC					9		COLD	600UL
		0.39	136	P 2	TWD 14	DBC	+2.24	TEH	TEC					9		COLD	600UL
144	82	0.24	95	P 2	TWD 9	DBH	+2.25	TEH	TEC					9		COLD	600UL
		0.29	138	P 2	TWD 11	DBC	+1.90	TEH	TEC	NEW				9		COLD	600UL
		0.25	96	P 2	TWD 10	DBH	+2.25	TEH	TEC					9		COLD	600UL
144	84	0.39	132	P 2	TWD 16	VH2	-0.95	TEH	TEC					10		COLD	600UL
		0.33	146	P 2	TWD 14	VH2	-0.95	TEH	TEC					10		COLD	600UL
144	92	0.34	78	P 2	TWD 15	10C	-1.02	TEH	TEC					11		COLD	600UL
		0.37	67	P 2	TWD 15	10C	-1.02	TEH	TEC					11		COLD	600UL
144	96	0.39	79	P 2	TWD 16	DBH	+1.83	TEH	TEC					11		COLD	600UL
		0.82	65	P 2	TWD 27	VH1	+0.97	TEH	TEC					11		COLD	600UL
		0.29	24	P 2	TWD 13	VH1	+0.21	TEH	TEC					11		COLD	600UL
		0.39	79	P 2	TWD 16	DBH	+1.83	TEH	TEC					11		COLD	600UL
		0.29	24	P 2	TWD 13	VH1	+0.21	TEH	TEC					11		COLD	600UL
		0.83	69	P 2	TWD 27	VH1	+0.97	TEH	TEC					11		COLD	600UL
144	102	0.26	51	P 2	TWD 12	DBH	+1.65	TEH	TEC					12		COLD	600UL
		0.45	77	P 2	TWD 18	VC3	+0.92	TEH	TEC					12		COLD	600UL
		0.26	51	P 2	TWD 12	DBH	+1.65	TEH	TEC					12		COLD	600UL
		0.40	83	P 2	TWD 17	VC3	+0.92	TEH	TEC					12		COLD	600UL
144	104	0.81	118	P 2	TWD 27	DBC	+1.69	TEH	TEC					12		COLD	600UL
		0.41	17	P 2	TWD 17	DBH	+1.79	TEH	TEC					12		COLD	600UL
		0.43	23	P 2	TWD 17	DBH	+1.79	TEH	TEC					12		COLD	600UL
		0.81	118	P 2	TWD 27	DBC	+1.69	TEH	TEC					12		COLD	600UL
145	75	0.83	94	P 2	TWD 26	DBH	+1.91	TEH	TEC					9		COLD	600UL
		0.86	96	P 2	TWD 26	DBH	+1.91	TEH	TEC					9		COLD	600UL
145	91	0.49	85	P 2	TWD 19	VC1	-0.84	TEH	TEC					12		COLD	600UL
		0.49	85	P 2	TWD 19	VC1	-0.84	TEH	TEC					12		COLD	600UL
145	93	0.26	53	P 2	TWD 11	VC1	-0.73	TEH	TEC					12		COLD	600UL
		0.49	139	P 2	TWD 19	DBC	+1.36	TEH	TEC					12		COLD	600UL
		0.49	139	P 2	TWD 19	DBC	+1.36	TEH	TEC					12		COLD	600UL
		0.24	48	P 2	TWD 12	VC1	-0.73	TEH	TEC					12		COLD	600UL
145	95	0.16	37	P 2	TWD 8	DBC	-1.41	TEH	TEC	NEW				12		COLD	600UL
145	99	0.31	143	P 2	TWD 14	08H	+0.77	TEH	TEC					12		COLD	600UL
		0.50	136	P 2	TWD 20	VH2	+0.83	TEH	TEC					12		COLD	600UL
		0.28	67	P 2	TWD 13	VH3	+0.28	TEH	TEC					12		COLD	600UL
		0.82	138	P 2	TWD 27	VH3	+0.86	TEH	TEC					12		COLD	600UL
		0.50	136	P 2	TWD 20	VH2	+0.83	TEH	TEC					12		COLD	600UL
		0.82	138	P 2	TWD 27	VH3	+0.86	TEH	TEC					12		COLD	600UL
		0.30	142	P 2	TWD 14	08H	+0.77	TEH	TEC					12		COLD	600UL
		0.28	67	P 2	TWD 12	VH3	+0.28	TEH	TEC					12		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100%TWD

QUERY: rpc_icode_and_0-100%twd.qry

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
146	84	0.45		113	P 2	TWD 16	VH2	-1.07	TEH	TEC				9	COLD	600UL
		0.45		113	P 2	TWD 16	VH2	-1.07	TEH	TEC				9	COLD	600UL
146	90	0.32		120	P 2	TWD 14	VH2	-1.09	TEH	TEC				12	COLD	600UL
		0.74		84	P 2	TWD 26	DBC	+1.41	TEH	TEC				12	COLD	600UL
		0.74		84	P 2	TWD 26	DBC	+1.41	TEH	TEC				12	COLD	600UL
		0.28		133	P 2	TWD 13	VH2	-1.09	TEH	TEC				12	COLD	600UL
146	92	0.41		122	P 2	TWD 17	10C	+0.71	TEH	TEC				12	COLD	600UL
		0.28		48	P 2	TWD 13	VC1	+0.90	TEH	TEC				12	COLD	600UL
		0.33		49	P 2	TWD 15	DBC	+1.26	TEH	TEC				12	COLD	600UL
		0.33		77	P 2	TWD 14	VC1	+0.90	TEH	TEC				12	COLD	600UL
		0.41		122	P 2	TWD 17	10C	+0.71	TEH	TEC				12	COLD	600UL
		0.34		50	P 2	TWD 15	DBC	+1.26	TEH	TEC				12	COLD	600UL
146	96	0.36		107	P 6	TWD 20	DBC	+1.79	DBC	DBC	LAR			131	COLD	580FH
146	98	1.42		137	P 2	TWD 36	DBC	+1.44	TEH	TEC				12	COLD	600UL
		1.42		137	P 2	TWD 36	DBC	+1.44	TEH	TEC				12	COLD	600UL
146	100	0.26		101	P 2	TWD 12	VC2	-0.83	TEH	TEC				12	COLD	600UL
		0.50		109	P 2	TWD 20	10C	+0.68	TEH	TEC				12	COLD	600UL
		0.30		81	P 2	TWD 13	08C	-0.28	TEH	TEC				12	COLD	600UL
		0.32		73	P 2	TWD 14	10C	+0.00	TEH	TEC				12	COLD	600UL
		0.28		85	P 2	TWD 12	08C	-0.28	TEH	TEC				12	COLD	600UL
		0.19		83	P 2	TWD 10	VC2	-0.83	TEH	TEC				12	COLD	600UL
		0.50		111	P 2	TWD 20	10C	+0.68	TEH	TEC				12	COLD	600UL
		0.32		73	P 2	TWD 14	10C	+0.00	TEH	TEC				12	COLD	600UL
147	91	0.38		105	P 2	TWD 16	VC1	-0.90	TEH	TEC				12	COLD	600UL
		0.62		117	P 2	TWD 23	VC1	+0.69	TEH	TEC				12	COLD	600UL
		0.38		105	P 2	TWD 16	VC1	-0.90	TEH	TEC				12	COLD	600UL
		0.62		117	P 2	TWD 23	VC1	+0.69	TEH	TEC				12	COLD	600UL
147	93	0.66		135	P 2	TWD 24	VH2	-0.65	TEH	TEC				12	COLD	600UL
		0.66		135	P 2	TWD 24	VH2	-0.65	TEH	TEC				12	COLD	600UL
147	95	0.78		99	P 6	TWD 33	DBC	+1.45	DBC	DBC	LAR			131	COLD	580FH

Total Tubes : 970
 Total Records: 2370

Appendix 4
Inspection Summary
Steam Generator E-089

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
3	117	0.44	122	P 2	TWD	17	02H +0.84	07H	TEH	LAR				30		HOT	600UL
3	131	0.29	107	P 2	TWD	12	03H +0.79	07H	TEH	LAR				30		HOT	600UL
5	25	0.41	89	P 2	TWD	17	03H +0.79	TEH	TEC					44		COLD	600UL
5	159	0.62	52	P 2	TWD	24	02H -0.88	TEC	TEH					21		HOT	600UL
6	160	0.47	152	P 2	TWD	19	02H -0.83	TEC	TEH					21		HOT	600UL
8	154	0.54	122	P 2	TWD	21	02H -0.88	TEC	TEH					21		HOT	600UL
14	110	0.22	42	P 2	TWD	11	DBH -1.54	TEH	TEC	NEW				52		COLD	600UL
16	60	0.53	103	P 2	TWD	22	01H +0.57	TEC	TEH					23		HOT	600UL
16	128	0.19	148	P 2	TWD	9	DBH -1.09	TEH	TEC					51		COLD	600UL
		0.21	144	P 2	TWD	10	DBH -1.09	TEH	TEC					51		COLD	600UL
18	8	0.27	73	P 2	TWD	12	02H -0.83	TEH	TEC					42		COLD	600UL
19	165	0.23	128	P 2	TWD	12	01H -1.03	TEC	TEH					18		HOT	600UL
19	171	0.36	152	P 2	TWD	17	DBC +1.50	TEC	TEH	NEW				20		HOT	600UL
20	138	0.32	76	P 2	TWD	13	DBH +1.61	TEC	TEH	NEW				7		HOT	600UL
20	166	0.30	92	P 2	TWD	13	02H +0.89	TEC	TEH					17		HOT	600UL
21	67	0.59	73	P 2	TWD	21	VSM -0.87	TEH	TEC					7		COLD	600UL
		0.59	73	P 2	TWD	21	VSM -0.87	TEH	TEC					7		COLD	600UL
22	32	0.44	51	P 2	TWD	16	02H -1.20	TEH	TEC					34		COLD	600UL
22	164	0.36	80	P 2	TWD	17	DBC +1.62	TEC	TEH					18		HOT	600UL
		0.36	85	P 2	TWD	17	DBC +1.62	TEC	TEH					18		HOT	600UL
22	170	0.31	37	P 2	TWD	13	01C +0.87	TEC	TEH					19		HOT	600UL
24	20	0.38	102	P 2	TWD	19	07H +0.87	TEH	TEC	NEW				39		COLD	600UL
24	22	0.30	103	P 2	TWD	13	VSM -0.68	TEH	TEC					38		COLD	600UL
		0.30	103	P 2	TWD	13	VSM -0.68	TEH	TEC					38		COLD	600UL
24	68	0.36	52	P 2	TWD	15	DBH +1.70	TEH	TEC	NEW				8		COLD	600UL
25	65	0.26	133	P 2	TWD	11	VSM +0.92	TEH	TEC	NEW				9		COLD	600UL
25	67	0.37	132	P 2	TWD	15	VSM -0.84	TEH	TEC					7		COLD	600UL
		0.37	135	P 2	TWD	15	VSM -0.84	TEH	TEC					7		COLD	600UL
25	115	0.48	67	P 2	TWD	21	VSM +1.00	TEH	TEC					19		COLD	600UL
		0.48	69	P 2	TWD	21	VSM +1.00	TEH	TEC					19		COLD	600UL
26	38	0.30	101	P 2	TWD	13	03H -0.18	TEH	TEC					32		COLD	600UL
26	48	0.44	27	P 2	TWD	22	VSM -0.93	TEC	TEH					24		HOT	600UL
		0.44	27	P 2	TWD	22	VSM -0.93	TEC	TEH					24		HOT	600UL
26	162	0.34	157	P 2	TWD	16	DBC +1.51	TEC	TEH					18		HOT	600UL
		0.34	157	P 2	TWD	16	DBC +1.51	TEC	TEH					18		HOT	600UL
27	113	0.25	16	2	SAI		TSH -1.28	TSH	TSH	0.0		9.45		108		HOT	580PP
27	167	0.17	170	P 2	TWD	6	DBH +0.85	TEC	TEH	NEW				20		HOT	600UL
29	35	0.40	82	P 2	TWD	15	02H -1.18	TEH	TEC					34		COLD	600UL
29	107	0.17	157	P 2	TWD	8	DBC -1.70	TEH	TEC	NEW				26		COLD	600UL
30	44	0.28	74	P 2	TWD	14	07H +0.91	TEH	TEC	NEW				31		COLD	600UL
30	122	0.27	68	P 2	TWD	13	05H +0.51	TEH	TEC					19		COLD	600UL
30	126	0.17	101	P 1	SCI		TSH +0.05	TSH	TSH	.71		9.14		100		HOT	580PP

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
31	41	0.31	17	P 1	SCI		TSH	-0.12	TSH	TSH	0.20	11.92	97			HOT	580PP
31	51	0.38	136	P 2	TWD	17	06H	+0.77	TEC	TEH				23		HOT	600UL
31	71	1.36	107	P 2	TWD	36	DBH	+0.00	TEH	TEC				8		COLD	600UL
		1.35	107	P 2	TWD	36	DBH	+0.00	TEH	TEC				8		COLD	600UL
		0.23	128	P 2	TWD	10	DBC	+2.04	TEH	TEC	NEW			8		COLD	600UL
		1.62	90	P 2	TWD	40	DBH	+0.00	TEH	TEC				51		COLD	600UL
31	107	0.50	59	P 2	TWD	20	DBH	-1.87	TEH	TEC				25		COLD	600UL
		0.49	62	P 2	TWD	20	DBH	-1.87	TEH	TEC				25		COLD	600UL
31	111	0.29	20	2	SAI		TSH	-3.78	TSH	TSH	0.0	10.19	107			HOT	580PP
31	123	2.08	32	P 1	MCI		TSH	-7.37	TSH	TSH	3.02	8.73	100			HOT	580PP
32	72	1.35	93	P 2	TWD	35	DBH	-1.71	TEH	TEC				8		COLD	600UL
		1.34	94	P 2	TWD	35	DBH	-1.71	TEH	TEC				8		COLD	600UL
		1.54	94	P 2	TWD	36	DBH	-1.71	TEH	TEC				47		COLD	600UL
32	118	0.41	124	P 2	TWD	19	VSM	-0.73	TEH	TEC				19		COLD	600UL
		0.42	119	P 2	TWD	19	VSM	-0.73	TEH	TEC				19		COLD	600UL
33	55	0.94	58	P 2	TWD	29	VSM	+0.94	TEH	TEC				9		COLD	600UL
		0.27	147	P 2	TWD	11	VSM	-0.95	TEH	TEC				9		COLD	600UL
		0.31	22	P 2	TWD	12	VSM	-0.95	TEH	TEC				9		COLD	600UL
		0.94	59	P 2	TWD	29	VSM	+0.94	TEH	TEC				9		COLD	600UL
33	71	0.57	117	P 2	TWD	21	DBC	+1.82	TEH	TEC				7		COLD	600UL
		0.57	117	P 2	TWD	21	DBC	+1.82	TEH	TEC				7		COLD	600UL
33	171	0.36	134	P 2	TWD	15	01C	-0.02	TEC	TEH				19		HOT	600UL
34	28	0.40	148	P 2	TWD	14	VSM	+0.46	TEH	TEC				34		COLD	600UL
		0.40	148	P 2	TWD	14	VSM	+0.46	TEH	TEC				34		COLD	600UL
34	72	0.75	143	P 2	TWD	25	DBC	-2.15	TEH	TEC				7		COLD	600UL
		0.75	143	P 2	TWD	25	DBC	-2.15	TEH	TEC				7		COLD	600UL
		0.24	54	P 2	TWD	10	DBH	-1.69	TEH	TEC	NEW			7		COLD	600UL
34	104	0.72	116	P 2	TWD	27	DBC	+2.18	TEH	TEC				26		COLD	600UL
		1.04	133	P 2	TWD	33	DBC	+2.18	TEH	TEC				26		COLD	600UL
34	128	0.11	89	P 1	SCI		TSH	+0.09	TSH	TSH	0	8.96	100			HOT	580PP
34	148	0.38	66	P 2	TWD	18	VSM	-0.72	TEC	TEH				12		HOT	600UL
		0.37	66	P 2	TWD	17	VSM	-0.72	TEC	TEH				12		HOT	600UL
35	45	0.33	87	P 2	TWD	16	VSM	+0.59	TEH	TEC	NEW			31		COLD	600UL
35	71	0.72	102	P 2	TWD	25	VSM	-0.62	TEH	TEC				8		COLD	600UL
		0.27	142	P 2	TWD	11	VSM	+0.13	TEH	TEC				8		COLD	600UL
		0.72	102	P 2	TWD	25	VSM	-0.62	TEH	TEC				8		COLD	600UL
		0.27	142	P 2	TWD	11	VSM	+0.13	TEH	TEC				8		COLD	600UL
35	113	0.46	116	P 2	TWD	14	VSM	-0.56	TEH	TEC				26		COLD	600UL
		0.34	111	P 2	TWD	16	VSM	-0.10	TEH	TEC				26		COLD	600UL
		0.47	122	P 2	TWD	20	VSM	-0.56	TEH	TEC				26		COLD	600UL
		0.36	121	P 2	TWD	17	VSM	-0.10	TEH	TEC				26		COLD	600UL
36	24	0.36	95	P 2	TWD	19	DBC	+1.95	TEH	TEC	NEW			39		COLD	600UL
36	30	0.56	123	P 2	TWD	19	VSM	+1.01	TEH	TEC				34		COLD	600UL
		0.50	89	P 2	TWD	17	VSM	+1.01	TEH	TEC				34		COLD	600UL
36	72	0.27	43	P 2	TWD	12	DBH	-1.75	TEH	TEC				8		COLD	600UL
		0.28	39	P 2	TWD	12	DBH	-1.75	TEH	TEC				8		COLD	600UL
36	104	0.33	159	P 2	TWD	15	DBH	+1.79	TEH	TEC	NEW			25		COLD	600UL
36	144	0.37	122	P 2	TWD	14	VSM	-0.73	TEC	TEH	NEW			7		HOT	600UL
36	146	0.28	53	P 2	TWD	11	VSM	+0.94	TEC	TEH				7		HOT	600UL
		0.28	57	P 2	TWD	11	VSM	+0.94	TEC	TEH				7		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
37	53	0.62	38	P 2	TWD 21	VSM	-0.02	TEH	TEC	NEW				11		COLD	600UL
37	71	1.05	127	P 2	TWD 31	VSM	-0.66	TEH	TEC					7		COLD	600UL
		0.68	134	P 2	TWD 24	VSM	+0.87	TEH	TEC					7		COLD	600UL
		0.46	70	P 2	TWD 18	VSM	-0.02	TEH	TEC					7		COLD	600UL
		1.05	127	P 2	TWD 31	VSM	-0.66	TEH	TEC					7		COLD	600UL
		0.46	70	P 2	TWD 18	VSM	+0.02	TEH	TEC					7		COLD	600UL
		0.68	134	P 2	TWD 24	VSM	+0.86	TEH	TEC					7		COLD	600UL
		0.66	105	P 2	TWD 22	VSM	+0.87	TEH	TEC					47		COLD	600UL
		0.50	90	P 2	TWD 18	VSM	-0.02	TEH	TEC					47		COLD	600UL
		1.03	107	P 2	TWD 29	VSM	-0.66	TEH	TEC					47		COLD	600UL
37	103	0.98	116	P 2	TWD 32	DBC	+1.84	TEH	TEC					26		COLD	600UL
		0.71	112	P 2	TWD 26	DBH	+1.94	TEH	TEC					26		COLD	600UL
		0.93	85	P 2	TWD 31	DBC	+1.84	TEH	TEC					51		COLD	600UL
		0.63	80	P 2	TWD 25	DBH	+1.94	TEH	TEC					51		COLD	600UL
		0.70	113	P 2	TWD 27	DBH	+1.94	TEH	TEC					26		COLD	600UL
		0.98	116	P 2	TWD 32	DBC	+1.84	TEH	TEC					26		COLD	600UL
37	107	0.58	114	P 2	TWD 24	VSM	-0.89	TEH	TEC					26		COLD	600UL
		0.55	105	P 2	TWD 23	VSM	+0.66	TEH	TEC					26		COLD	600UL
		0.23	43	P 2	TWD 11	VSM	-0.10	TEH	TEC					26		COLD	600UL
		0.58	114	P 2	TWD 24	VSM	-0.89	TEH	TEC					26		COLD	600UL
		0.60	32	P 2	TWD 24	VSM	+0.66	TEH	TEC					26		COLD	600UL
		0.23	43	P 2	TWD 11	VSM	-0.10	TEH	TEC					26		COLD	600UL
37	145	0.61	119	P 2	TWD 21	VSM	+0.82	TEC	TEH					7		HOT	600UL
		0.61	119	P 2	TWD 21	VSM	+0.82	TEC	TEH					7		HOT	600UL
37	157	0.27	53	P 2	TWD 11	VSM	+0.77	TEC	TEH					17		HOT	600UL
		0.27	53	P 2	TWD 12	VSM	+0.77	TEC	TEH					17		HOT	600UL
37	159	0.28	52	P 2	TWD 12	VSM	+0.83	TEC	TEH					17		HOT	600UL
		0.28	51	P 2	TWD 13	VSM	+0.83	TEC	TEH					17		HOT	600UL
37	165	0.29	58	P 2	TWD 12	VSM	+0.80	TEC	TEH					17		HOT	600UL
		0.29	59	P 2	TWD 13	VSM	+0.80	TEC	TEH					17		HOT	600UL
37	171	0.62	72	P 2	TWD 23	VSM	-1.01	TEC	TEH					19		HOT	600UL
		0.71	115	P 2	TWD 25	VSM	-1.01	TEC	TEH					19		HOT	600UL
38	28	0.45	33	P 2	TWD 16	VSM	+0.82	TEH	TEC					34		COLD	600UL
		0.23	41	P 2	TWD 9	VSM	-0.79	TEH	TEC					34		COLD	600UL
		0.25	55	P 2	TWD 9	VSM	-0.79	TEH	TEC					34		COLD	600UL
		0.33	16	P 2	TWD 12	VSM	+0.82	TEH	TEC					34		COLD	600UL
38	38	0.56	132	P 2	TWD 21	VSM	+0.00	TEH	TEC					32		COLD	600UL
		0.56	132	P 2	TWD 21	VSM	+0.00	TEH	TEC					32		COLD	600UL
38	40	0.77	43	P 2	TWD 27	VSM	-0.83	TEH	TEC					32		COLD	600UL
		0.28	161	P 2	TWD 12	VSM	-0.23	TEH	TEC					32		COLD	600UL
		0.77	43	P 2	TWD 27	VSM	-0.83	TEH	TEC					32		COLD	600UL
		0.26	163	P 2	TWD 11	VSM	-0.23	TEH	TEC					32		COLD	600UL
38	56	0.22	137	P 2	TWD 9	06H	+0.50	TEH	TEC					9		COLD	600UL
38	72	0.98	73	P 2	TWD 30	DBH	-1.78	TEH	TEC					7		COLD	600UL
		0.94	90	P 2	TWD 28	DBH	-1.78	TEH	TEC					47		COLD	600UL
		0.98	73	P 2	TWD 30	DBH	-1.78	TEH	TEC					7		COLD	600UL
38	102	1.00	121	P 2	TWD 31	DBH	-2.13	TEH	TEC					25		COLD	600UL
		0.31	99	P 2	TWD 14	DBC	-1.70	TEH	TEC					25		COLD	600UL
		0.93	106	P 2	TWD 31	DBH	-2.13	TEH	TEC					51		COLD	600UL
		0.23	61	P 2	TWD 11	DBC	-1.70	TEH	TEC					51		COLD	600UL
		1.00	121	P 2	TWD 31	DBH	-2.13	TEH	TEC					25		COLD	600UL
		0.29	106	P 2	TWD 13	DBC	-1.70	TEH	TEC					25		COLD	600UL
38	128	0.27	118	P 2	TWD 13	VSM	+1.06	TEH	TEC	NEW				18		COLD	600UL
38	162	0.36	33	P 2	TWD 17	VSM	-0.84	TEC	TEH					18		HOT	600UL
		0.23	92	P 2	TWD 12	VSM	-0.02	TEC	TEH					18		HOT	600UL
		0.36	33	P 2	TWD 17	VSM	-0.84	TEC	TEH					18		HOT	600UL
		0.21	91	P 2	TWD 11	VSM	-0.02	TEC	TEH					18		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
39	41	0.50	80	P 2	TWD 21		DBH -1.51	TEH	TEC	NEW				31		COLD	600UL
39	43	0.38	40	P 2	TWD 16		VSM +0.91	TEH	TEC					32		COLD	600UL
		0.38	40	P 2	TWD 16		VSM +0.91	TEH	TEC					32		COLD	600UL
39	69	0.30	134	P 2	TWD 13		VSM +0.69	TEH	TEC	NEW				8		COLD	600UL
39	71	0.26	155	P 2	TWD 12		VSM +0.64	TEH	TEC	NEW				8		COLD	600UL
39	73	0.53	54	P 2	TWD 20		DBH +1.99	TEH	TEC					8		COLD	600UL
		0.53	53	P 2	TWD 20		DBH +1.99	TEH	TEC					8		COLD	600UL
39	101	0.30	16	P 2	TWD 15		DBH -1.58	TEH	TEC					27		COLD	600UL
		0.30	16	P 2	TWD 13		DBH -1.58	TEH	TEC					27		COLD	600UL
39	147	0.48	146	P 2	TWD 18		VSM +0.78	TEC	TEH					7		HOT	600UL
		0.48	146	P 2	TWD 18		VSM +0.78	TEC	TEH					7		HOT	600UL
40	68	0.46	36	P 2	TWD 18		VSM -0.86	TEH	TEC	NEW				8		COLD	600UL
40	110	0.84	124	P 2	TWD 28		VSM -0.68	TEH	TEC					25		COLD	600UL
		0.31	111	P 2	TWD 14		VSM -0.14	TEH	TEC					25		COLD	600UL
		0.31	111	P 2	TWD 14		VSM -0.14	TEH	TEC					25		COLD	600UL
		0.84	124	P 2	TWD 28		VSM -0.68	TEH	TEC					25		COLD	600UL
		0.28	97	P 2	TWD 13		DBC +1.93	TEH	TEC	NEW				25		COLD	600UL
40	112	0.57	152	P 2	TWD 23		DBH -2.02	TEH	TEC	NEW				26		COLD	600UL
40	146	0.51	70	P 2	TWD 19		VSM +0.90	TEC	TEH					7		HOT	600UL
		0.51	70	P 2	TWD 18		VSM +0.90	TEC	TEH					7		HOT	600UL
40	156	1.16	113	P 2	TWD 32		VSM +0.87	TEC	TEH					17		HOT	600UL
		0.96	115	P 2	TWD 31		VSM +0.87	TEC	TEH					17		HOT	600UL
		0.90	122	P 2	TWD 28		VSM +0.87	TEH	TEC					49		COLD	600UL
40	162	0.43	94	P 2	TWD 15		VSM -0.80	TEC	TEH					17		HOT	600UL
		0.24	28	P 2	TWD 10		VSM -0.09	TEC	TEH					17		HOT	600UL
		0.31	63	P 2	TWD 14		VSM -0.09	TEC	TEH					17		HOT	600UL
		0.39	109	P 2	TWD 17		VSM -0.80	TEC	TEH					17		HOT	600UL
40	168	0.66	32	P 2	TWD 24		VSM +0.86	TEC	TEH					19		HOT	600UL
		0.31	25	P 2	TWD 14		VSM -0.23	TEC	TEH					19		HOT	600UL
		0.17	153	P 2	TWD 8		VSM -0.65	TEC	TEH					19		HOT	600UL
		0.66	32	P 2	TWD 24		VSM +0.86	TEC	TEH					19		HOT	600UL
		0.26	145	P 2	TWD 12		VSM -0.23	TEC	TEH					19		HOT	600UL
		0.20	155	P 2	TWD 10		VSM -0.65	TEC	TEH					19		HOT	600UL
40	170	0.54	124	P 2	TWD 21		01C +0.94	TEC	TEH					20		HOT	600UL
41	5	0.24	50	P 2	TWD 11		DBC +1.98	TEH	TEC	NEW				42		COLD	600UL
41	7	0.43	68	P 2	TWD 18		VSM +0.69	TEH	TEC					42		COLD	600UL
		0.30	95	P 2	TWD 13		VSM -0.65	TEH	TEC					42		COLD	600UL
		0.30	95	P 2	TWD 13		VSM -0.65	TEH	TEC					42		COLD	600UL
		0.43	67	P 2	TWD 18		VSM +0.69	TEH	TEC					42		COLD	600UL
41	31	1.21	121	P 2	TWD 32		VSM +0.84	TEH	TEC					34		COLD	600UL
		1.21	121	P 2	TWD 32		VSM +0.84	TEH	TEC					34		COLD	600UL
		1.13	114	P 2	TWD 31		VSM +0.84	TEH	TEC					47		COLD	600UL
41	39	0.31	92	P 2	TWD 13		DBC +1.37	TEH	TEC	NEW				32		COLD	600UL
41	47	0.40	147	P 2	TWD 18		VSM +0.83	TEC	TEH					23		HOT	600UL
		0.37	142	P 2	TWD 17		VSM +0.00	TEC	TEH					23		HOT	600UL
		0.37	142	P 2	TWD 17		VSM +0.00	TEC	TEH					23		HOT	600UL
		0.40	147	P 2	TWD 18		VSM +0.83	TEC	TEH					23		HOT	600UL
41	59	0.46	119	P 2	TWD 19		VSM -0.85	TEH	TEC					10		COLD	600UL
		0.41	146	P 2	TWD 17		VSM +0.00	TEH	TEC					10		COLD	600UL
		0.46	119	P 2	TWD 19		VSM -0.85	TEH	TEC					10		COLD	600UL
		0.41	146	P 2	TWD 17		VSM +0.00	TEH	TEC					10		COLD	600UL
41	63	0.45	89	P 2	TWD 17		VSM -0.85	TEH	TEC					9		COLD	600UL
		0.46	59	P 2	TWD 17		VSM +0.11	TEH	TEC					9		COLD	600UL
		0.50	63	P 2	TWD 19		VSM +0.11	TEH	TEC					9		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.45	88	P 2	TWD 17	VSM	-0.85	TEH	TEC					9		COLD	600UL
41	69	0.59	114	P 2	TWD 21	VSM	+0.87	TEH	TEC					7		COLD	600UL
		0.59	117	P 2	TWD 21	VSM	+0.87	TEH	TEC					7		COLD	600UL
41	103	0.49	124	P 2	TWD 21	DBC	+1.84	TEH	TEC					26		COLD	600UL
		0.49	124	P 2	TWD 21	DBC	+1.84	TEH	TEC					26		COLD	600UL
41	107	0.24	61	P 2	TWD 12	VSM	+0.99	TEH	TEC	NEW				26		COLD	600UL
		0.13	12	P 2	TWD 6	VSM	-0.75	TEH	TEC					26		COLD	600UL
41	113	0.52	135	P 2	TWD 21	VSM	-0.76	TEH	TEC					25		COLD	600UL
		0.21	128	P 2	TWD 10	VSM	-0.14	TEH	TEC					25		COLD	600UL
		0.21	128	P 2	TWD 10	VSM	-0.14	TEH	TEC					25		COLD	600UL
		0.52	133	P 2	TWD 21	VSM	-0.76	TEH	TEC					25		COLD	600UL
41	119	1.27	79	P 2	TWD 37	VSM	-1.08	TEH	TEC					19		COLD	600UL
		0.68	49	P 2	TWD 27	VSM	+0.04	TEH	TEC					19		COLD	600UL
		1.28	78	P 2	TWD 37	VSM	-1.08	TEH	TEC					19		COLD	600UL
		0.72	53	P 2	TWD 28	VSM	+0.04	TEH	TEC					19		COLD	600UL
41	123	0.60	60	P 2	TWD 23	VSM	+0.90	TEH	TEC					17		COLD	600UL
		0.60	60	P 2	TWD 23	VSM	+0.90	TEH	TEC					17		COLD	600UL
41	131	0.59	97	P 2	TWD 23	VSM	-0.77	TEC	TEH					28		HOT	600UL
		0.47	116	P 2	TWD 20	VSM	+0.74	TEC	TEH					28		HOT	600UL
		0.61	82	P 2	TWD 23	VSM	+0.74	TEC	TEH					28		HOT	600UL
		0.59	97	P 2	TWD 23	VSM	-0.77	TEC	TEH					28		HOT	600UL
41	157	0.66	131	P 2	TWD 22	VSM	+0.73	TEC	TEH					17		HOT	600UL
		0.58	133	P 2	TWD 23	VSM	+0.73	TEC	TEH					17		HOT	600UL
42	62	0.43	113	P 2	TWD 17	VSM	+0.20	TEH	TEC	NEW				9		COLD	600UL
42	68	1.59	118	P 2	TWD 37	VSM	-0.61	TEH	TEC					7		COLD	600UL
		1.13	107	P 2	TWD 32	VSM	+0.37	TEH	TEC					7		COLD	600UL
		1.59	118	P 2	TWD 37	VSM	-0.61	TEH	TEC					7		COLD	600UL
		1.13	107	P 2	TWD 32	VSM	+0.37	TEH	TEC					7		COLD	600UL
		0.62	84	P 2	TWD 21	VSM	+0.37	TEH	TEC					47		COLD	600UL
		1.58	125	P 2	TWD 37	VSM	-0.61	TEH	TEC					47		COLD	600UL
42	144	0.47	95	P 2	TWD 20	VSM	+0.74	TEC	TEH					8		HOT	600UL
		0.47	95	P 2	TWD 20	VSM	+0.74	TEC	TEH					8		HOT	600UL
42	148	0.47	132	P 2	TWD 20	VSM	+0.30	TEC	TEH					12		HOT	600UL
		0.33	134	P 2	TWD 15	VSM	+0.82	TEC	TEH					12		HOT	600UL
		0.33	134	P 2	TWD 15	VSM	+0.82	TEC	TEH					12		HOT	600UL
		0.44	84	P 2	TWD 19	VSM	+0.30	TEC	TEH					12		HOT	600UL
42	162	0.30	33	P 2	TWD 14	02H	-0.93	TEC	TEH					18		HOT	600UL
42	166	0.29	50	P 2	TWD 14	02H	-0.86	TEC	TEH					18		HOT	600UL
43	41	0.38	71	P 2	TWD 18	07H	+0.77	TEH	TEC	NEW				31		COLD	600UL
43	45	0.35	24	P 2	TWD 17	DBH	+1.89	TEH	TEC					31		COLD	600UL
		0.35	24	P 2	TWD 17	DBH	+1.89	TEH	TEC					31		COLD	600UL
43	51	0.37	132	P 2	TWD 17	02H	+0.79	TEH	TEC					12		COLD	600UL
43	73	1.03	81	P 2	TWD 31	DBH	+1.72	TEH	TEC					8		COLD	600UL
		0.51	48	P 2	TWD 20	VSM	+0.24	TEH	TEC					8		COLD	600UL
		1.03	88	P 2	TWD 31	DBH	+1.72	TEH	TEC					8		COLD	600UL
		0.51	48	P 2	TWD 20	VSM	+0.24	TEH	TEC					8		COLD	600UL
		0.63	66	P 2	TWD 22	VSM	+0.24	TEH	TEC					47		COLD	600UL
		1.09	100	P 2	TWD 31	DBH	+1.72	TEH	TEC					47		COLD	600UL
		0.32	67	P 2	TWD 13	VSM	+0.86	TEH	TEC	NEW				47		COLD	600UL
43	101	1.31	83	P 2	TWD 37	DBC	+1.85	TEH	TEC					27		COLD	600UL
		1.36	91	P 2	TWD 34	DBC	+1.85	TEH	TEC					47		COLD	600UL
		1.31	84	P 2	TWD 37	DBC	+1.85	TEH	TEC					27		COLD	600UL
		0.20	67	P 2	TWD 9	DBH	+2.48	TEH	TEC	NEW	LAR			27		COLD	600UL
43	103	1.14	173	P 2	TWD 33	DBC	+1.75	TEH	TEC					25		COLD	600UL
		1.36	159	P 2	TWD 38	DBC	+1.75	TEH	TEC					51		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		1.11	173	P 2	TWD	33	DBC	+1.75	TEH	TEC				25		COLD	600UL
43	107	0.48	74	P 2	TWD	20	VSM	+0.61	TEH	TEC				25		COLD	600UL
		0.32	44	P 2	TWD	15	VSM	+0.29	TEH	TEC				25		COLD	600UL
		0.46	73	P 2	TWD	19	VSM	+0.61	TEH	TEC				25		COLD	600UL
		0.33	33	P 2	TWD	15	VSM	+0.29	TEH	TEC				25		COLD	600UL
		0.30	77	P 2	TWD	14	DBC	+1.76	TEH	TEC	NEW			25		COLD	600UL
43	117	0.59	62	P 2	TWD	23	VSM	-0.80	TEH	TEC				25		COLD	600UL
		1.17	112	P 2	TWD	34	VSM	+0.85	TEH	TEC				25		COLD	600UL
		0.32	43	P 2	TWD	15	VSM	+0.00	TEH	TEC				25		COLD	600UL
		0.59	62	P 2	TWD	23	VSM	-0.80	TEH	TEC				25		COLD	600UL
		1.17	112	P 2	TWD	34	VSM	+0.85	TEH	TEC				25		COLD	600UL
		0.31	47	P 2	TWD	15	VSM	+0.00	TEH	TEC				25		COLD	600UL
		0.34	57	P 2	TWD	16	VSM	+0.00	TEH	TEC				51		COLD	600UL
		0.56	55	P 2	TWD	23	VSM	-0.80	TEH	TEC				51		COLD	600UL
		1.08	108	P 2	TWD	34	VSM	+0.85	TEH	TEC				51		COLD	600UL
43	131	0.65	102	P 2	TWD	25	VSM	+0.84	TEC	TEH				27		HOT	600UL
		0.65	99	P 2	TWD	25	VSM	+0.84	TEC	TEH				27		HOT	600UL
43	145	0.45	100	P 2	TWD	20	VSM	-0.85	TEC	TEH				8		HOT	600UL
		0.83	112	P 2	TWD	29	VSM	+0.83	TEC	TEH				8		HOT	600UL
		0.45	100	P 2	TWD	20	VSM	-0.85	TEC	TEH				8		HOT	600UL
		0.83	112	P 2	TWD	29	VSM	+0.83	TEC	TEH				8		HOT	600UL
43	153	0.35	142	P 2	TWD	16	DBC	+1.53	TEC	TEH	NEW			12		HOT	600UL
43	159	0.45	18	P 2	TWD	20	02H	-0.68	TEC	TEH				18		HOT	600UL
44	66	0.28	72	P 6	TWD	16	DBC	+2.14	DBC	DBC	LAR			198		HOT	560FH
44	72	0.34	150	P 2	TWD	14	DBC	+1.55	TEH	TEC	NEW			8		COLD	600UL
44	74	0.23	79	P 2	TWD	10	DBH	-1.72	TEH	TEC	NEW			8		COLD	600UL
44	100	0.45	78	P 2	TWD	19	DBH	-1.78	TEH	TEC	NEW			27		COLD	600UL
44	112	0.29	48	P 2	TWD	14	VSM	-0.93	TEH	TEC				26		COLD	600UL
		0.16	105	P 2	TWD	8	VSM	+0.17	TEH	TEC				26		COLD	600UL
		0.29	48	P 2	TWD	14	VSM	-0.93	TEH	TEC				26		COLD	600UL
		0.24	124	P 2	TWD	12	VSM	+0.17	TEH	TEC				26		COLD	600UL
44	114	0.48	97	P 2	TWD	20	VSM	-0.76	TEH	TEC				25		COLD	600UL
		0.50	125	P 2	TWD	20	VSM	+0.98	TEH	TEC				25		COLD	600UL
		0.48	97	P 2	TWD	20	VSM	-0.76	TEH	TEC				25		COLD	600UL
		0.50	125	P 2	TWD	20	VSM	+0.98	TEH	TEC				25		COLD	600UL
44	128	0.42	160	P 2	TWD	17	VSM	-0.89	TEH	TEC				17		COLD	600UL
		0.52	149	P 2	TWD	20	VSM	+0.96	TEH	TEC				17		COLD	600UL
		0.42	160	P 2	TWD	17	VSM	-0.89	TEH	TEC				17		COLD	600UL
		0.52	149	P 2	TWD	20	VSM	+0.96	TEH	TEC				17		COLD	600UL
44	134	0.31	115	P 2	TWD	12	VSM	-0.69	TEC	TEH				7		HOT	600UL
		0.31	115	P 2	TWD	12	VSM	-0.69	TEC	TEH				7		HOT	600UL
44	158	0.53	140	P 2	TWD	19	VSM	+0.85	TEC	TEH				17		HOT	600UL
		0.39	98	P 2	TWD	14	VSM	-0.74	TEC	TEH				17		HOT	600UL
		0.22	136	P 2	TWD	9	VSM	-0.11	TEC	TEH				17		HOT	600UL
		0.41	145	P 2	TWD	17	VSM	+0.85	TEC	TEH				17		HOT	600UL
		0.36	115	P 2	TWD	16	VSM	-0.74	TEC	TEH				17		HOT	600UL
		0.21	137	P 2	TWD	9	VSM	-0.11	TEC	TEH				17		HOT	600UL
45	39	0.38	97	P 2	TWD	16	02H	-1.20	TEH	TEC				32		COLD	600UL
45	73	0.76	91	P 2	TWD	25	DBH	+1.49	TEH	TEC				7		COLD	600UL
		0.76	91	P 2	TWD	25	DBH	+1.49	TEH	TEC				7		COLD	600UL
45	101	0.75	101	P 2	TWD	28	DBC	+1.85	TEH	TEC				27		COLD	600UL
		0.75	113	P 2	TWD	27	DBC	+1.85	TEH	TEC				27		COLD	600UL
45	119	0.43	81	P 2	TWD	19	VSM	-1.02	TEH	TEC				19		COLD	600UL
		0.27	32	P 2	TWD	13	VSM	+0.79	TEH	TEC				19		COLD	600UL
		0.16	168	P 2	TWD	8	VSM	+0.17	TEH	TEC				19		COLD	600UL
		0.43	74	P 2	TWD	20	VSM	-1.02	TEH	TEC				19		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.17	168	P 2	TWD 8	VSM	+0.17	TEH	TEC					19		COLD	600UL
		0.23	35	P 2	TWD 12	VSM	+0.79	TEH	TEC					19		COLD	600UL
45	131	0.73	94	P 2	TWD 26	VSM	+0.78	TEC	TEH					28		HOT	600UL
		0.42	134	P 2	TWD 18	VSM	-0.87	TEC	TEH					28		HOT	600UL
		0.73	94	P 2	TWD 26	VSM	+0.78	TEC	TEH					28		HOT	600UL
		0.42	134	P 2	TWD 18	VSM	-0.87	TEC	TEH					28		HOT	600UL
45	133	0.18	31	P 2	TWD 9	DBC	-1.30	TEC	TEH	NEW				26		HOT	600UL
45	135	0.50	137	P 2	TWD 18	VSM	+0.76	TEC	TEH					7		HOT	600UL
		1.16	125	P 2	TWD 32	VSM	-0.85	TEC	TEH					7		HOT	600UL
		0.50	137	P 2	TWD 18	VSM	+0.76	TEC	TEH					7		HOT	600UL
		1.16	125	P 2	TWD 32	VSM	-0.85	TEC	TEH					7		HOT	600UL
		0.42	128	P 2	TWD 19	VSM	+0.76	TEH	TEC					51		COLD	600UL
		0.87	108	P 2	TWD 30	VSM	-0.85	TEH	TEC					51		COLD	600UL
45	145	0.40	65	P 2	TWD 15	VSM	-0.83	TEC	TEH	NEW				7		HOT	600UL
45	167	0.27	156	P 2	TWD 12	VSM	+0.93	TEC	TEH					19		HOT	600UL
		0.27	156	P 2	TWD 13	VSM	+0.93	TEC	TEH					19		HOT	600UL
45	169	0.38	91	P 2	TWD 16	01C	+0.95	TEC	TEH					19		HOT	600UL
46	36	0.93	87	P 2	TWD 27	VSM	-0.85	TEH	TEC					34		COLD	600UL
		0.34	40	P 2	TWD 12	VSM	+0.27	TEH	TEC					34		COLD	600UL
		0.58	93	P 2	TWD 19	VSM	+0.93	TEH	TEC					34		COLD	600UL
		0.93	87	P 2	TWD 27	VSM	-0.85	TEH	TEC					34		COLD	600UL
		0.34	40	P 2	TWD 12	VSM	+0.27	TEH	TEC					34		COLD	600UL
		0.60	95	P 2	TWD 20	VSM	+0.93	TEH	TEC					34		COLD	600UL
46	54	0.24	135	P 2	TWD 11	DBH	+1.63	TEH	TEC	NEW				10		COLD	600UL
46	72	0.42	98	P 2	TWD 17	VSM	+0.80	TEH	TEC	NEW				7		COLD	600UL
46	78	1.07	126	P 2	TWD 31	DBH	+1.80	TEH	TEC					14		COLD	600UL
		0.14	38	P 2	TWD 6	DBH	-1.54	TEH	TEC					14		COLD	600UL
		0.29	178	P 2	TWD 13	DBC	+2.25	TEH	TEC					14		COLD	600UL
		0.17	89	P 2	TWD 7	DBH	-1.54	TEH	TEC					47		COLD	600UL
		0.62	9	P 2	TWD 21	DBC	+2.25	TEH	TEC					47		COLD	600UL
		0.85	125	P 2	TWD 26	DBH	+1.80	TEH	TEC					47		COLD	600UL
		0.14	38	P 2	TWD 7	DBH	-1.54	TEH	TEC					14		COLD	600UL
		1.07	126	P 2	TWD 31	DBH	+1.80	TEH	TEC					14		COLD	600UL
		0.29	178	P 2	TWD 13	DBC	+2.25	TEH	TEC					14		COLD	600UL
46	100	0.30	22	P 2	TWD 13	DBH	-1.80	TEH	TEC	NEW				27		COLD	600UL
		0.74	129	P 2	TWD 27	DBH	+1.66	TEH	TEC	NEW				27		COLD	600UL
46	104	0.53	93	P 2	TWD 22	VSM	-0.86	TEH	TEC					26		COLD	600UL
		0.53	93	P 2	TWD 22	VSM	-0.86	TEH	TEC					26		COLD	600UL
46	118	0.21	145	P 2	TWD 10	VSM	-1.03	TEH	TEC					26		COLD	600UL
		0.16	86	P 2	TWD 8	VSM	-1.03	TEH	TEC					26		COLD	600UL
46	138	0.48	125	P 2	TWD 20	04C	-0.14	TEC	TEH					2		HOT	600UL
46	146	0.70	89	P 2	TWD 26	VSM	-0.75	TEC	TEH					8		HOT	600UL
		0.62	116	P 2	TWD 24	VSM	+0.73	TEC	TEH					8		HOT	600UL
		0.62	116	P 2	TWD 24	VSM	+0.73	TEC	TEH					8		HOT	600UL
		0.70	89	P 2	TWD 26	VSM	-0.75	TEC	TEH					8		HOT	600UL
46	158	0.21	140	P 2	TWD 11	02H	-0.85	TEC	TEH					18		HOT	600UL
46	164	0.41	136	P 2	TWD 18	VSM	-0.83	TEC	TEH					18		HOT	600UL
		0.18	20	P 2	TWD 10	VSM	-0.11	TEC	TEH					18		HOT	600UL
		0.41	136	P 2	TWD 18	VSM	-0.83	TEC	TEH					18		HOT	600UL
		0.23	34	P 2	TWD 12	VSM	-0.11	TEC	TEH					18		HOT	600UL
46	170	0.31	52	P 2	TWD 13	05C	+0.93	TEC	TEH					19		HOT	600UL
47	45	0.45	67	P 2	TWD 20	02H	-1.23	TEH	TEC					31		COLD	600UL
47	73	0.67	65	P 2	TWD 24	DBH	+1.65	TEH	TEC					8		COLD	600UL
		0.68	61	P 2	TWD 24	DBH	+1.65	TEH	TEC					8		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
47	75	0.36	74	P 6	TWD 19	DBC	+1.76	DBC	DBC	LAR				198		HOT	560FH
		0.53	89	P 6	TWD 26	DBC	-2.04	DBC	DBC	LAR				198		HOT	560FH
		0.30	58	P 2	TWD 15	DBC	-2.10	TEH	TEC	NEW				6		COLD	600UL
47	101	0.47	16	P 2	TWD 20	DBC	+1.77	TEH	TEC					27		COLD	600UL
		0.58	16	P 2	TWD 23	DBC	+1.77	TEH	TEC					27		COLD	600UL
47	103	0.34	31	P 2	TWD 15	DBC	+1.75	TEH	TEC					25		COLD	600UL
		0.29	89	P 6	TWD 17	DBH	+1.88	DBH	DBH	LAR				198		HOT	560FH
		0.34	31	P 2	TWD 16	DBC	+1.75	TEH	TEC					25		COLD	600UL
		0.31	23	P 2	TWD 15	DBH	-1.55	TEH	TEC	NEW				25		COLD	600UL
47	111	0.75	85	P 2	TWD 28	VSM	+0.92	TEH	TEC					26		COLD	600UL
		0.39	107	P 2	TWD 18	VSM	+0.27	TEH	TEC					26		COLD	600UL
		0.39	107	P 2	TWD 18	VSM	+0.27	TEH	TEC					26		COLD	600UL
		0.75	85	P 2	TWD 28	VSM	+0.92	TEH	TEC					26		COLD	600UL
47	119	0.39	58	P 2	TWD 15	VSM	-0.67	TEH	TEC	NEW				20		COLD	600UL
47	125	0.43	39	P 2	TWD 18	VSM	-0.62	TEH	TEC					17		COLD	600UL
		1.55	76	P 2	TWD 39	VSM	+0.95	TEH	TEC					17		COLD	600UL
		1.56	79	P 2	TWD 39	VSM	+0.95	TEH	TEC					17		COLD	600UL
		0.48	45	P 2	TWD 20	VSM	-0.62	TEH	TEC					17		COLD	600UL
		0.20	83	P 2	TWD 10	DBC	+1.75	TEH	TEC	NEW				17		COLD	600UL
		0.48	119	P 2	TWD 21	VSM	-0.62	TEH	TEC					51		COLD	600UL
		1.15	117	P 2	TWD 35	VSM	+0.95	TEH	TEC					51		COLD	600UL
47	133	0.56	105	P 2	TWD 20	VSM	+0.78	TEC	TEH					25		HOT	600UL
		0.71	104	P 2	TWD 24	VSM	-0.81	TEC	TEH					25		HOT	600UL
		0.68	147	P 2	TWD 23	VSM	+0.02	TEC	TEH					25		HOT	600UL
		0.49	104	P 2	TWD 18	VSM	+0.78	TEC	TEH					25		HOT	600UL
		0.68	147	P 2	TWD 23	VSM	+0.02	TEC	TEH					25		HOT	600UL
		0.63	91	P 2	TWD 21	VSM	-0.81	TEC	TEH					25		HOT	600UL
47	147	0.85	83	P 2	TWD 26	VSM	+0.80	TEC	TEH					7		HOT	600UL
		1.12	107	P 2	TWD 31	VSM	-0.85	TEC	TEH					7		HOT	600UL
		0.85	84	P 2	TWD 26	VSM	+0.80	TEC	TEH					7		HOT	600UL
		1.12	107	P 2	TWD 31	VSM	-0.85	TEC	TEH					7		HOT	600UL
		0.86	87	P 2	TWD 30	VSM	-0.85	TEH	TEC					51		COLD	600UL
		0.70	79	P 2	TWD 26	VSM	+0.80	TEH	TEC					51		COLD	600UL
48	30	0.54	156	P 2	TWD 19	07H	+0.91	TEH	TEC					36		COLD	600UL
		0.57	158	P 2	TWD 20	07H	+0.91	TEH	TEC					36		COLD	600UL
48	120	0.39	147	P 2	TWD 18	VSM	+0.96	TEH	TEC					19		COLD	600UL
		0.33	56	P 2	TWD 16	VSM	-0.87	TEH	TEC					19		COLD	600UL
		0.41	141	P 2	TWD 19	VSM	+0.96	TEH	TEC					19		COLD	600UL
		0.33	56	P 2	TWD 16	VSM	-0.87	TEH	TEC					19		COLD	600UL
48	162	0.26	59	P 2	TWD 11	VSM	+0.87	TEC	TEH					17		HOT	600UL
		0.26	59	P 2	TWD 12	VSM	+0.87	TEC	TEH					17		HOT	600UL
49	49	0.50	156	P 2	TWD 18	08H	+1.61	TEH	TEC	LOCOK				11		COLD	600UL
		0.51	156	P 2	TWD 18	08H	+1.61	TEH	TEC	LOCOK				11		COLD	600UL
49	75	1.42	105	P 2	TWD 35	VSM	-0.74	TEH	TEC					5		COLD	600UL
		1.47	120	P 2	TWD 36	VSM	+0.02	TEH	TEC					5		COLD	600UL
		1.12	124	P 2	TWD 31	VSM	+0.78	TEH	TEC					5		COLD	600UL
		1.23	100	P 2	TWD 33	VSM	-0.74	TEH	TEC					47		COLD	600UL
		0.97	130	P 2	TWD 29	VSM	+0.78	TEH	TEC					47		COLD	600UL
		1.32	111	P 2	TWD 34	VSM	+0.02	TEH	TEC					47		COLD	600UL
		0.26	129	P 2	TWD 11	DBC	-1.83	TEH	TEC	NEW				47		COLD	600UL
		1.42	105	P 2	TWD 35	VSM	-0.74	TEH	TEC					5		COLD	600UL
		1.47	120	P 2	TWD 36	VSM	+0.02	TEH	TEC					5		COLD	600UL
		1.12	124	P 2	TWD 31	VSM	+0.78	TEH	TEC					5		COLD	600UL
		0.32	156	P 2	TWD 13	DBC	-2.12	TEH	TEC	NEW				5		COLD	600UL
		1.24	112	P 2	TWD 36	VSM	+0.02	TEH	TEC					6		COLD	600UL
		1.14	106	P 2	TWD 35	VSM	-0.74	TEH	TEC					6		COLD	600UL
		0.86	131	P 2	TWD 30	VSM	+0.78	TEH	TEC					6		COLD	600UL
49	77	0.61	150	P 2	TWD 21	DBH	-1.67	TEH	TEC					5		COLD	600UL
		0.22	13	P 2	TWD 10	DBH	+1.76	TEH	TEC					5		COLD	600UL
		0.62	154	P 2	TWD 21	DBH	-1.67	TEH	TEC					5		COLD	600UL
		0.23	19	P 2	TWD 10	DBH	+1.76	TEH	TEC					5		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
49	97	0.47	58	P 2	TWD 18	DBH	+1.46	TEH	TEC	NEW				13		COLD	600UL
49	99	0.99	61	P 2	TWD 30	DBH	-1.59	TEH	TEC					13		COLD	600UL
		0.99	61	P 2	TWD 30	DBH	-1.59	TEH	TEC					13		COLD	600UL
		0.84	116	P 2	TWD 29	DBH	-1.59	TEH	TEC					27		COLD	600UL
49	101	0.38	94	P 2	TWD 18	DBH	-1.70	TEH	TEC					27		COLD	600UL
		0.37	96	P 2	TWD 16	DBH	-1.70	TEH	TEC					27		COLD	600UL
49	123	0.57	112	P 2	TWD 22	08H	+1.64	TEH	TEC	LOCOK				17		COLD	600UL
		0.50	123	P 2	TWD 20	08H	+1.25	TEH	TEC					17		COLD	600UL
49	129	0.64	91	P 2	TWD 25	08H	-1.50	TEH	TEC	LOCOK				51		COLD	600UL
		0.64	91	P 2	TWD 25	08H	-1.50	TEH	TEC	LAR				51		COLD	600UL
50	18	0.56	70	P 2	TWD 20	VSM	-0.89	TEH	TEC					40		COLD	600UL
		0.26	146	P 2	TWD 10	VSM	+0.77	TEH	TEC					40		COLD	600UL
		0.52	70	P 2	TWD 20	VSM	-0.89	TEH	TEC					40		COLD	600UL
		0.26	146	P 2	TWD 11	VSM	+0.77	TEH	TEC					40		COLD	600UL
50	20	0.63	118	P 2	TWD 22	VSM	+0.21	TEH	TEC					38		COLD	600UL
		0.55	138	P 2	TWD 20	VSM	+0.66	TEH	TEC					38		COLD	600UL
		0.63	118	P 2	TWD 22	VSM	+0.21	TEH	TEC					38		COLD	600UL
		0.55	138	P 2	TWD 20	VSM	+0.66	TEH	TEC					38		COLD	600UL
50	22	0.88	139	P 2	TWD 31	VSM	-0.71	TEH	TEC					39		COLD	600UL
		0.65	124	P 2	TWD 26	VSM	+0.99	TEH	TEC					39		COLD	600UL
		0.65	127	P 2	TWD 27	VSM	+0.99	TEH	TEC					39		COLD	600UL
		0.84	147	P 2	TWD 31	VSM	-0.71	TEH	TEC					39		COLD	600UL
		0.49	108	P 2	TWD 32	VSM	+0.99	TEH	TEC					47		COLD	600UL
		0.61	117	P 2	TWD 21	VSM	-0.71	TEH	TEC					47		COLD	600UL
50	62	0.61	88	P 2	TWD 22	08H	-1.25	TEH	TEC	NEW				9		COLD	600UL
50	66	0.51	56	P 2	TWD 20	08H	+1.25	TEH	TEC	NEW				8		COLD	600UL
50	78	0.37	118	P 2	TWD 15	DBH	-1.32	TEH	TEC					14		COLD	600UL
		0.37	119	P 2	TWD 15	DBH	-1.32	TEH	TEC					14		COLD	600UL
50	98	0.53	127	P 2	TWD 20	DBH	-1.92	TEH	TEC					14		COLD	600UL
		0.54	127	P 2	TWD 20	DBH	-1.92	TEH	TEC					14		COLD	600UL
		0.52	69	P 2	TWD 20	DBC	-1.54	TEH	TEC	NEW				14		COLD	600UL
50	114	0.78	87	P 2	TWD 28	VSM	-0.78	TEH	TEC					26		COLD	600UL
		0.80	119	P 2	TWD 29	VSM	+0.84	TEH	TEC					26		COLD	600UL
		0.80	119	P 2	TWD 29	VSM	+0.84	TEH	TEC					26		COLD	600UL
		0.78	87	P 2	TWD 28	VSM	-0.78	TEH	TEC					26		COLD	600UL
50	118	0.35	137	P 2	TWD 14	08H	+1.00	TEH	TEC					20		COLD	600UL
		0.32	157	P 2	TWD 13	08H	+1.00	TEH	TEC					20		COLD	600UL
50	120	0.54	93	P 2	TWD 20	08H	+1.25	TEH	TEC					20		COLD	600UL
		0.60	114	P 2	TWD 22	08H	+1.25	TEH	TEC					20		COLD	600UL
51	45	0.18	164	P 2	TWD 10	DBH	-1.12	TEH	TEC	NEW				31		COLD	600UL
51	93	0.66	19	P 2	TWD 23	DBH	+1.75	TEH	TEC					14		COLD	600UL
		0.66	19	P 2	TWD 23	DBH	+1.75	TEH	TEC					14		COLD	600UL
51	99	0.41	81	P 2	TWD 17	DBH	-1.98	TEH	TEC					14		COLD	600UL
		0.41	84	P 2	TWD 17	DBH	-1.98	TEH	TEC					14		COLD	600UL
51	101	0.38	143	P 2	TWD 18	DBH	-1.95	TEH	TEC					27		COLD	600UL
		0.54	70	P 2	TWD 22	DBH	-1.95	TEH	TEC					27		COLD	600UL
51	109	0.54	87	P 2	TWD 22	08H	+0.98	TEH	TEC					25		COLD	600UL
		0.54	87	P 2	TWD 22	08H	+0.98	TEH	TEC					25		COLD	600UL
51	117	0.44	155	P 2	TWD 20	DBC	+1.90	TEH	TEC	NEW				26		COLD	600UL
51	129	0.34	100	P 2	TWD 15	08H	+0.75	TEH	TEC					15		COLD	600UL
		0.34	100	P 2	TWD 15	08H	+0.75	TEH	TEC					15		COLD	600UL
52	76	0.28	81	P 2	TWD 14	DBC	-1.72	TEH	TEC					6		COLD	600UL
		0.28	82	P 2	TWD 14	DBC	-1.72	TEH	TEC					6		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
52	78	0.32	17	P 2	TWD 13	DBH	+1.42	TEH	TEC	NEW				13		COLD	600UL
52	80	0.57	132	P 2	TWD 21	DBH	-1.90	TEH	TEC					14		COLD	600UL
		0.56	132	P 2	TWD 21	DBH	-1.90	TEH	TEC					14		COLD	600UL
		0.24	147	P 2	TWD 11	DBC	-1.63	TEH	TEC	NEW				14		COLD	600UL
52	82	0.96	48	P 2	TWD 29	DBH	-1.69	TEH	TEC					13		COLD	600UL
		0.94	49	P 2	TWD 29	DBH	-1.69	TEH	TEC					13		COLD	600UL
		0.78	16	P 2	TWD 25	DBC	+2.25	TEH	TEC	NEW				13		COLD	600UL
52	94	0.48	19	P 2	TWD 18	DBH	+1.72	TEH	TEC					13		COLD	600UL
		0.48	19	P 2	TWD 18	DBH	+1.72	TEH	TEC					13		COLD	600UL
		0.30	116	P 2	TWD 12	DBC	-1.27	TEH	TEC	NEW				13		COLD	600UL
52	100	0.42	37	P 2	TWD 19	DBC	-1.85	TEH	TEC					27		COLD	600UL
		0.42	37	P 2	TWD 18	DBC	-1.85	TEH	TEC					27		COLD	600UL
52	122	0.37	150	P 2	TWD 15	VC3	-0.87	TEH	TEC	NEW				20		COLD	600UL
52	124	0.46	114	P 2	TWD 19	07H	+0.29	TEH	TEC					17		COLD	600UL
		0.94	112	P 2	TWD 31	08H	+0.83	TEH	TEC					17		COLD	600UL
		0.47	115	P 2	TWD 19	07H	+0.29	TEH	TEC					17		COLD	600UL
		0.94	114	P 2	TWD 30	08H	+0.83	TEH	TEC					17		COLD	600UL
		0.45	102	P 2	TWD 20	07H	+0.29	TEH	TEC					51		COLD	600UL
		0.65	92	P 2	TWD 25	08H	+0.83	TEH	TEC					51		COLD	600UL
53	43	0.29	67	P 2	TWD 14	DBC	+1.75	TEH	TEC	NEW				31		COLD	600UL
53	47	0.24	62	P 2	TWD 10	03C	+0.89	TEH	TEC					11		COLD	600UL
53	73	0.23	130	P 2	TWD 10	DBC	+2.02	TEH	TEC	NEW				7		COLD	600UL
53	77	0.74	121	P 2	TWD 27	DBH	-1.70	TEH	TEC					6		COLD	600UL
		0.80	129	P 2	TWD 29	DBH	-1.70	TEH	TEC					6		COLD	600UL
53	81	0.59	85	P 2	TWD 21	DBC	-1.42	TEH	TEC					13		COLD	600UL
		0.59	85	P 2	TWD 21	DBC	-1.42	TEH	TEC					13		COLD	600UL
53	83	0.92	103	P 2	TWD 28	DBH	-1.46	TEH	TEC					13		COLD	600UL
		0.89	110	P 2	TWD 28	DBH	-1.46	TEH	TEC					13		COLD	600UL
53	91	0.25	168	P 2	TWD 10	DBH	-2.25	TEH	TEC	NEW				13		COLD	600UL
		0.31	107	P 2	TWD 13	DBH	+1.75	TEH	TEC	NEW				13		COLD	600UL
53	93	0.50	58	P 2	TWD 19	DBH	-1.70	TEH	TEC					13		COLD	600UL
		0.50	58	P 2	TWD 19	DBH	-1.70	TEH	TEC					13		COLD	600UL
53	95	0.54	98	P 2	TWD 20	DBC	-1.70	TEH	TEC					13		COLD	600UL
		0.54	98	P 2	TWD 20	DBC	-1.70	TEH	TEC					13		COLD	600UL
		0.23	144	P 2	TWD 9	DBH	+1.82	TEH	TEC	NEW				13		COLD	600UL
53	97	0.45	43	P 2	TWD 17	DBH	-1.76	TEH	TEC					13		COLD	600UL
		0.23	151	P 2	TWD 9	DBH	-1.76	TEH	TEC					13		COLD	600UL
53	101	0.27	146	P 2	TWD 14	DBH	-1.65	TEH	TEC					27		COLD	600UL
		0.27	146	P 2	TWD 14	DBH	-1.65	TEH	TEC					27		COLD	600UL
54	8	0.36	90	P 2	TWD 15	02C	-0.93	TEH	TEC					42		COLD	600UL
54	42	0.48	63	P 2	TWD 19	02H	-1.10	TEH	TEC					32		COLD	600UL
54	78	0.45	40	P 2	TWD 18	DBH	-1.26	TEH	TEC	NEW				14		COLD	600UL
54	88	1.54	83	P 2	TWD 37	DBH	-1.54	TEH	TEC					13		COLD	600UL
		1.08	45	P 2	TWD 31	DBC	-1.86	TEH	TEC					13		COLD	600UL
		0.25	19	P 2	TWD 10	DBH	+1.75	TEH	TEC					13		COLD	600UL
		1.12	44	P 2	TWD 32	DBC	-1.86	TEH	TEC					13		COLD	600UL
		0.25	19	P 2	TWD 10	DBH	+1.75	TEH	TEC					13		COLD	600UL
		1.54	83	P 2	TWD 37	DBH	-1.54	TEH	TEC					13		COLD	600UL
		0.35	25	P 2	TWD 14	DBH	+1.75	TEH	TEC					47		COLD	600UL
		1.04	41	P 2	TWD 30	DBC	-1.86	TEH	TEC					47		COLD	600UL
		1.36	88	P 2	TWD 34	DBH	-1.54	TEH	TEC					47		COLD	600UL
54	90	4.42	55	P 2	TWD 71	DBC	+1.89	TEH	TEC					57		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.70	84	P 2	TWD 24	DBH	-1.50	TEH	TEC					14		COLD	600UL
		0.25	41	P 2	TWD 11	DBC	-1.91	TEH	TEC					14		COLD	600UL
		0.70	84	P 2	TWD 24	DBH	-1.50	TEH	TEC					14		COLD	600UL
		0.27	38	P 2	TWD 12	DBC	-1.91	TEH	TEC					14		COLD	600UL
		4.20	50	P 2	TWD 52	DBC	+1.89	TEH	TEC					14		COLD	600UL
		4.42	55	P 2	TWD 72	DBC	+1.89	TEH	TEC					57		COLD	600UL
		0.78	85	P 2	TWD 28	DBH	-1.50	TEH	TEC					57		COLD	600UL
		0.34	89	P 2	TWD 14	DBC	-1.91	TEH	TEC					57		COLD	600UL
54	92	1.88	91	P 2	TWD 41	DBH	-1.46	TEH	TEC					13		COLD	600UL
		0.14	31	P 2	TWD 6	DBH	+2.25	TEH	TEC	LAR				13		COLD	600UL
		1.84	87	P 2	TWD 40	DBH	-1.46	TEH	TEC					13		COLD	600UL
		0.19	12	P 2	TWD 8	DBH	+2.25	TEH	TEC					13		COLD	600UL
		1.52	107	P 2	TWD 39	DBH	-1.46	TEH	TEC					27		COLD	600UL
		0.15	35	P 2	TWD 6	DBH	+2.25	TEH	TEC					27		COLD	600UL
54	96	1.18	151	P 2	TWD 33	DBC	+1.86	TEH	TEC					14		COLD	600UL
		1.24	150	P 2	TWD 34	DBC	+1.86	TEH	TEC					14		COLD	600UL
		1.12	170	P 2	TWD 34	DBC	+1.86	TEH	TEC					27		COLD	600UL
54	100	0.73	18	P 2	TWD 27	DBH	+1.99	TEH	TEC	NEW				27		COLD	600UL
54	102	0.45	142	P 2	TWD 20	DBC	+1.86	TEH	TEC					26		COLD	600UL
		0.32	128	P 2	TWD 15	DBC	-1.70	TEH	TEC					26		COLD	600UL
		0.45	142	P 2	TWD 20	DBC	+1.86	TEH	TEC					26		COLD	600UL
		0.29	149	P 2	TWD 14	DBC	-1.70	TEH	TEC					26		COLD	600UL
54	158	0.31	116	P 2	TWD 15	VSM	+0.73	TEC	TEH					18		HOT	600UL
		0.31	116	P 2	TWD 15	VSM	+0.73	TEC	TEH					18		HOT	600UL
55	9	0.31	105	P 2	TWD 14	O2C	+0.14	TEH	TEC					42		COLD	600UL
55	85	0.63	32	P 2	TWD 23	DBH	+1.78	TEH	TEC					14		COLD	600UL
		0.69	33	P 2	TWD 24	DBH	+1.78	TEH	TEC					14		COLD	600UL
55	87	0.35	13	P 2	TWD 15	DBH	+1.65	TEH	TEC	NEW				14		COLD	600UL
55	89	0.41	128	P 2	TWD 17	DBH	-1.97	TEH	TEC					14		COLD	600UL
		0.41	128	P 2	TWD 17	DBH	-1.97	TEH	TEC					14		COLD	600UL
55	95	0.34	101	P 2	TWD 14	DBH	-1.86	TEH	TEC					14		COLD	600UL
		0.32	124	P 2	TWD 14	DBH	-1.86	TEH	TEC					14		COLD	600UL
55	99	0.42	69	P 2	TWD 17	DBH	-1.47	TEH	TEC					14		COLD	600UL
		0.42	39	P 2	TWD 17	DBH	-1.47	TEH	TEC					14		COLD	600UL
55	107	0.35	119	P 2	TWD 16	DBH	-1.52	TEH	TEC					26		COLD	600UL
		0.32	120	P 2	TWD 15	DBH	-1.52	TEH	TEC					26		COLD	600UL
55	145	0.38	135	P 2	TWD 15	VH3	-0.90	TEC	TEH	NEW				7		HOT	600UL
56	76	0.60	99	P 2	TWD 24	VSM	+0.62	TEH	TEC					6		COLD	600UL
		0.60	114	P 2	TWD 24	VSM	+0.62	TEH	TEC					6		COLD	600UL
56	80	0.66	135	P 2	TWD 23	DBH	-1.94	TEH	TEC					14		COLD	600UL
		0.66	135	P 2	TWD 23	DBH	-1.94	TEH	TEC					14		COLD	600UL
56	82	0.69	133	P 2	TWD 24	DBH	-1.86	TEH	TEC					14		COLD	600UL
		0.69	133	P 2	TWD 24	DBH	-1.86	TEH	TEC					14		COLD	600UL
56	90	0.94	11	P 2	TWD 25	DBC	+2.14	TEH	TEC	NEW				13		COLD	600UL
56	96	0.27	76	P 2	TWD 11	DBH	-1.80	TEH	TEC	NEW				13		COLD	600UL
		0.48	53	P 2	TWD 18	DBC	+2.25	TEH	TEC	NEW				13		COLD	600UL
56	136	0.49	124	P 2	TWD 19	VSM	-0.79	TEC	TEH					1		HOT	600UL
		0.32	133	P 2	TWD 14	VSM	+0.79	TEC	TEH					1		HOT	600UL
		0.32	131	P 2	TWD 14	VSM	+0.79	TEC	TEH					1		HOT	600UL
		0.49	124	P 2	TWD 20	VSM	-0.79	TEC	TEH					1		HOT	600UL
56	146	0.43	43	P 2	TWD 16	VH3	-0.90	TEC	TEH	NEW				7		HOT	600UL
57	47	0.36	126	P 2	TWD 14	O8H	+0.51	TEH	TEC					11		COLD	600UL
		0.36	126	P 2	TWD 14	O8H	+0.51	TEH	TEC					11		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
57	51	0.35	135	P 2	TWD	13	08H	+0.95	TEH	TEC	NEW			11		COLD	600UL
		0.25	129	P 2	TWD	10	08H	+0.32	TEH	TEC	NEW			11		COLD	600UL
57	79	0.39	39	P 2	TWD	15	DBH	+1.57	TEH	TEC	NEW			13		COLD	600UL
57	83	0.55	36	P 2	TWD	20	DBH	-1.70	TEH	TEC				13		COLD	600UL
		0.42	33	P 2	TWD	16	DBH	-1.70	TEH	TEC				13		COLD	600UL
		0.27	19	P 2	TWD	11	DBH	+1.61	TEH	TEC	NEW			13		COLD	600UL
57	87	0.55	90	P 2	TWD	20	DBC	-2.06	TEH	TEC				13		COLD	600UL
		0.53	104	P 2	TWD	20	DBC	-2.06	TEH	TEC				13		COLD	600UL
57	89	0.22	114	P 2	TWD	9	DBH	-2.01	TEH	TEC	NEW			13		COLD	600UL
57	123	0.69	65	P 2	TWD	25	VH3	-0.75	TEH	TEC				17		COLD	600UL
		0.70	69	P 2	TWD	25	VH3	-0.75	TEH	TEC				17		COLD	600UL
57	129	0.28	143	P 2	TWD	13	DBH	+0.00	TEH	TEC				51		COLD	600UL
		0.28	143	P 2	TWD	13	DBH	+0.00	TEH	TEC				51		COLD	600UL
57	143	0.52	78	P 2	TWD	20	VH3	+0.99	TEC	TEH				1		HOT	600UL
		0.52	78	P 2	TWD	21	VH3	+0.99	TEC	TEH				1		HOT	600UL
57	157	0.22	45	P 2	TWD	9	VSM	-0.85	TEC	TEH				17		HOT	600UL
		0.22	45	P 2	TWD	10	VSM	-0.85	TEC	TEH				17		HOT	600UL
58	86	0.54	93	P 2	TWD	20	DBH	-1.89	TEH	TEC				14		COLD	600UL
		0.54	93	P 2	TWD	20	DBH	-1.89	TEH	TEC				14		COLD	600UL
58	90	0.30	144	P 2	TWD	13	DBC	+1.22	TEH	TEC				14		COLD	600UL
		0.32	140	P 2	TWD	14	DBC	+1.22	TEH	TEC				14		COLD	600UL
		0.15	93	P 2	TWD	7	DBH	-1.35	TEH	TEC	NEW			14		COLD	600UL
58	94	0.74	126	P 2	TWD	25	DBC	-1.71	TEH	TEC				14		COLD	600UL
		0.75	126	P 2	TWD	25	DBC	-1.71	TEH	TEC				14		COLD	600UL
58	126	0.30	138	P 2	TWD	13	VSM	-0.78	TEH	TEC	NEW			18		COLD	600UL
58	148	0.53	60	P 2	TWD	22	VSM	+0.77	TEC	TEH				8		HOT	600UL
		0.52	133	P 2	TWD	22	VC3	-0.81	TEC	TEH				8		HOT	600UL
		0.52	133	P 2	TWD	22	VC3	-0.81	TEC	TEH				8		HOT	600UL
		0.53	60	P 2	TWD	22	VSM	+0.77	TEC	TEH				8		HOT	600UL
58	162	0.27	42	P 2	TWD	14	VH3	-0.80	TEC	TEH				18		HOT	600UL
		0.33	22	P 2	TWD	16	VH3	-0.80	TEC	TEH				18		HOT	600UL
58	166	0.37	45	P 2	TWD	17	VH3	-0.68	TEC	TEH				18		HOT	600UL
		0.38	27	P 2	TWD	18	VH3	-0.68	TEC	TEH				18		HOT	600UL
59	33	0.36	150	P 2	TWD	14	VH3	-0.83	TEH	TEC	NEW			36		COLD	600UL
59	81	0.53	35	P 2	TWD	20	DBH	+1.80	TEH	TEC				14		COLD	600UL
		0.53	35	P 2	TWD	20	DBH	+1.80	TEH	TEC				14		COLD	600UL
59	85	0.80	112	P 2	TWD	27	DBC	-1.74	TEH	TEC				14		COLD	600UL
		0.83	99	P 2	TWD	27	DBC	-1.74	TEH	TEC				14		COLD	600UL
59	95	0.59	87	P 6	TWD	28	DBC	+1.71	DBC	DBC	LAR			198		HOT	560FH
59	97	0.16	165	P 2	TWD	8	DBC	-2.01	TEH	TEC	NEW			14		COLD	600UL
60	48	0.50	120	P 2	TWD	21	08H	-0.88	TEH	TEC				12		COLD	600UL
		0.50	119	P 2	TWD	20	08H	-0.88	TEH	TEC				12		COLD	600UL
60	50	0.42	61	P 2	TWD	15	08H	-0.40	TEH	TEC				11		COLD	600UL
		0.40	58	P 2	TWD	15	08H	-0.40	TEH	TEC				11		COLD	600UL
60	54	0.32	120	P 2	TWD	13	08H	+0.93	TEH	TEC	NEW			9		COLD	600UL
60	88	0.57	46	P 2	TWD	21	DBH	-1.28	TEH	TEC				14		COLD	600UL
		0.58	46	P 2	TWD	21	DBH	-1.28	TEH	TEC				14		COLD	600UL
60	92	0.53	142	P 2	TWD	19	DBH	-1.49	TEH	TEC				13		COLD	600UL
		0.56	128	P 2	TWD	20	DBH	-1.49	TEH	TEC				13		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
60	94	0.47	21	P 2	TWD 18		DBH +1.76	TEH	TEC	NEW				13		COLD	600UL
60	164	0.23	149	P 2	TWD 12		VH3 -1.09	TEC	TEH					18		HOT	600UL
		0.29	138	P 2	TWD 14		08C +0.82	TEC	TEH					18		HOT	600UL
		0.26	38	P 2	TWD 13		DBC +1.56	TEC	TEH					18		HOT	600UL
		0.26	38	P 2	TWD 13		DBC +1.56	TEC	TEH					18		HOT	600UL
		0.33	131	P 2	TWD 16		VH3 -1.09	TEC	TEH					18		HOT	600UL
		0.29	138	P 2	TWD 14		08C +0.82	TEC	TEH					18		HOT	600UL
61	25	0.40	105	P 2	TWD 17		VH3 -0.83	TEH	TEC					36		COLD	600UL
		0.36	53	P 2	TWD 14		VH3 -0.83	TEH	TEC					36		COLD	600UL
61	79	0.36	26	P 2	TWD 14		DBH +1.59	TEH	TEC	NEW				13		COLD	600UL
61	85	0.65	68	P 2	TWD 23		DBC -1.93	TEH	TEC					13		COLD	600UL
		0.62	52	P 2	TWD 22		DBC -1.93	TEH	TEC					13		COLD	600UL
61	153	0.38	129	P 2	TWD 14		VC3 -1.15	TEC	TEH					11		HOT	600UL
		0.36	130	P 2	TWD 14		VC3 -1.15	TEC	TEH					11		HOT	600UL
61	155	0.26	111	P 2	TWD 11		VH3 -1.11	TEC	TEH					17		HOT	600UL
		0.26	111	P 2	TWD 12		VH3 -1.11	TEC	TEH					17		HOT	600UL
61	157	0.23	117	P 2	TWD 10		02H -1.04	TEC	TEH					17		HOT	600UL
62	50	0.64	82	P 2	TWD 24		08H -0.15	TEH	TEC					12		COLD	600UL
		0.62	81	P 2	TWD 24		08H -0.15	TEH	TEC					12		COLD	600UL
62	78	0.33	25	P 2	TWD 14		DBH +1.84	TEH	TEC	NEW				14		COLD	600UL
62	88	0.64	50	P 2	TWD 22		DBH -1.42	TEH	TEC					13		COLD	600UL
		0.53	105	P 2	TWD 19		DBH -1.42	TEH	TEC					13		COLD	600UL
62	92	0.30	101	P 2	TWD 13		02H -1.25	TEH	TEC					14		COLD	600UL
62	96	0.36	150	P 2	TWD 15		DBH +2.15	TEH	TEC					14		COLD	600UL
		0.36	150	P 2	TWD 15		DBH +2.15	TEH	TEC					14		COLD	600UL
62	154	0.40	134	P 2	TWD 18		VH3 -0.88	TEC	TEH					12		HOT	600UL
		0.35	139	P 2	TWD 16		VH3 -0.88	TEC	TEH					12		HOT	600UL
62	160	0.21	11	P 2	TWD 9		DBH -1.85	TEC	TEH					17		HOT	600UL
		0.21	11	P 2	TWD 10		DBH -1.85	TEC	TEH					17		HOT	600UL
62	162	0.23	80	P 2	TWD 12		VH3 -1.01	TEC	TEH					18		HOT	600UL
		0.28	122	P 2	TWD 14		VH3 -1.01	TEC	TEH					18		HOT	600UL
62	166	0.24	157	P 2	TWD 12		VH3 -1.07	TEC	TEH					18		HOT	600UL
		0.32	132	P 2	TWD 15		02H -0.31	TEC	TEH					18		HOT	600UL
		0.39	101	P 2	TWD 18		02H -0.86	TEC	TEH					18		HOT	600UL
		0.25	145	P 2	TWD 13		VH3 -1.07	TEC	TEH					18		HOT	600UL
63	53	0.50	120	P 2	TWD 20		08H +0.41	TEH	TEC					12		COLD	600UL
		0.52	118	P 2	TWD 21		08H +0.41	TEH	TEC					12		COLD	600UL
63	81	0.24	21	P 2	TWD 11		DBH +1.78	TEH	TEC	NEW				14		COLD	600UL
63	83	0.66	66	P 2	TWD 23		DBC +1.52	TEH	TEC					14		COLD	600UL
		0.69	85	P 2	TWD 24		DBC +1.52	TEH	TEC					14		COLD	600UL
63	85	0.46	94	P 2	TWD 18		DBH +1.76	TEH	TEC	NEW				14		COLD	600UL
64	42	0.40	129	P 2	TWD 18		VH3 -0.79	TEH	TEC	NEW				31		COLD	600UL
64	82	0.31	147	P 2	TWD 13		DBH -1.54	TEH	TEC					14		COLD	600UL
		0.32	144	P 2	TWD 14		DBH -1.54	TEH	TEC					14		COLD	600UL
64	96	0.42	11	P 2	TWD 16		DBC +2.00	TEH	TEC	NEW				13		COLD	600UL
64	158	0.27	103	P 2	TWD 11		VH3 -0.93	TEC	TEH					17		HOT	600UL
		0.32	111	P 2	TWD 14		VH3 -0.93	TEC	TEH					17		HOT	600UL
64	166	0.33	25	P 2	TWD 14		07H +0.63	TEC	TEH					17		HOT	600UL
		0.33	24	P 2	TWD 15		07H +0.63	TEC	TEH					17		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
65	27	0.52	44	P 2	TWD 21	VC3	-0.87	TEH	TEC					36		COLD	600UL
		0.86	130	P 2	TWD 26	VSM	-0.85	TEH	TEC					36		COLD	600UL
		0.86	130	P 2	TWD 26	VSM	-0.85	TEH	TEC					36		COLD	600UL
		0.50	38	P 2	TWD 18	VC3	-0.87	TEH	TEC					36		COLD	600UL
65	49	0.45	155	P 2	TWD 16	VH3	-0.76	TEH	TEC					11		COLD	600UL
		0.26	113	P 2	TWD 10	VH3	+0.85	TEH	TEC					11		COLD	600UL
		0.45	155	P 2	TWD 16	VH3	-0.76	TEH	TEC					11		COLD	600UL
		0.26	113	P 2	TWD 10	VH3	+0.85	TEH	TEC					11		COLD	600UL
65	53	0.29	92	P 2	TWD 11	08H	-0.56	TEH	TEC					11		COLD	600UL
		0.29	92	P 2	TWD 11	08H	-0.56	TEH	TEC					11		COLD	600UL
65	59	0.73	128	P 2	TWD 26	VSM	-0.77	TEH	TEC					10		COLD	600UL
		0.39	147	P 2	TWD 17	VSM	+0.84	TEH	TEC					10		COLD	600UL
		0.39	149	P 2	TWD 17	VSM	+0.84	TEH	TEC					10		COLD	600UL
		0.73	128	P 2	TWD 26	VSM	-0.77	TEH	TEC					10		COLD	600UL
65	87	0.40	54	P 2	TWD 15	DBH	+1.72	TEH	TEC					13		COLD	600UL
		0.33	34	P 2	TWD 13	DBH	+1.72	TEH	TEC					13		COLD	600UL
65	91	0.62	23	P 2	TWD 22	DBH	+1.99	TEH	TEC					13		COLD	600UL
		0.71	23	P 2	TWD 24	DBH	+1.99	TEH	TEC					13		COLD	600UL
65	97	0.20	57	P 2	TWD 8	DBC	-1.89	TEH	TEC	NEW				13		COLD	600UL
65	131	0.56	36	P 2	TWD 22	02H	-1.25	TEC	TEH					2		HOT	600UL
65	143	0.38	91	P 2	TWD 16	VH3	-0.81	TEC	TEH	NEW				1		HOT	600UL
65	151	0.51	124	P 2	TWD 18	VSM	+0.86	TEC	TEH					11		HOT	600UL
		0.25	58	P 2	TWD 11	VSM	+0.15	TEC	TEH					11		HOT	600UL
		0.35	15	P 2	TWD 14	VSM	-0.94	TEC	TEH					11		HOT	600UL
		0.51	124	P 2	TWD 18	VSM	+0.86	TEC	TEH					11		HOT	600UL
		0.43	26	P 2	TWD 15	VSM	-0.94	TEC	TEH					11		HOT	600UL
		0.25	55	P 2	TWD 9	VSM	+0.15	TEC	TEH					11		HOT	600UL
66	28	0.42	144	P 2	TWD 18	VH3	-0.95	TEH	TEC					36		COLD	600UL
		0.38	100	P 2	TWD 15	VH3	-0.95	TEH	TEC					36		COLD	600UL
66	60	0.80	143	P 2	TWD 26	VSM	+0.85	TEH	TEC					9		COLD	600UL
		0.44	114	P 2	TWD 17	VSM	-0.68	TEH	TEC					9		COLD	600UL
		0.59	36	P 2	TWD 21	01H	+0.87	TEH	TEC					9		COLD	600UL
		0.44	114	P 2	TWD 17	VSM	-0.68	TEH	TEC					9		COLD	600UL
		0.80	143	P 2	TWD 26	VSM	+0.85	TEH	TEC					9		COLD	600UL
66	82	0.29	79	P 2	TWD 12	DBH	-1.63	TEH	TEC					13		COLD	600UL
		0.36	120	P 2	TWD 14	VH3	+0.87	TEH	TEC					13		COLD	600UL
		0.19	40	P 2	TWD 8	DBH	-1.63	TEH	TEC					13		COLD	600UL
		0.30	145	P 2	TWD 12	VH3	+0.87	TEH	TEC					13		COLD	600UL
66	164	0.47	125	P 2	TWD 20	VH3	-0.85	TEC	TEH					17		HOT	600UL
		0.47	125	P 2	TWD 20	VH3	-0.85	TEC	TEH					17		HOT	600UL
67	33	0.51	151	P 2	TWD 18	VC3	+0.96	TEH	TEC	NEW				36		COLD	600UL
67	39	0.20	24	P 2	TWD 11	DBC	-1.75	TEH	TEC	NEW				31		COLD	600UL
67	55	0.31	132	P 2	TWD 14	08H	+0.78	TEH	TEC					10		COLD	600UL
		0.31	132	P 2	TWD 14	08H	+0.78	TEH	TEC					10		COLD	600UL
67	87	0.24	109	P 2	TWD 11	DBC	-1.91	TEH	TEC					14		COLD	600UL
		0.27	39	P 2	TWD 12	DBC	-1.91	TEH	TEC					14		COLD	600UL
		0.36	95	P 2	TWD 15	DBH	+1.76	TEH	TEC	NEW				14		COLD	600UL
67	97	0.25	122	2	SAI	TSH	+1.17	TSH	TSH	0.0	8.40			71		HOT	580PP
		0.15	24	P 2	TWD 7	DBC	-2.03	TEH	TEC	NEW				14		COLD	600UL
67	145	0.64	135	P 2	TWD 22	VC3	+1.14	TEC	TEH	NEW				7		HOT	600UL
67	155	0.33	117	P 2	TWD 16	VSM	+0.79	TEC	TEH					18		HOT	600UL
		0.33	117	P 2	TWD 16	VSM	+0.79	TEC	TEH					18		HOT	600UL
67	159	0.21	133	P 2	TWD 11	VH3	-0.81	TEC	TEH					18		HOT	600UL
		0.21	133	P 2	TWD 11	VH3	-0.81	TEC	TEH					18		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
67	165	0.84	111	P	2	TWD	28	O1C	TEC	TEH				17			HOT	600UL
68	12	0.52	116	P	2	TWD	21	O2C	TEH	TEC				41			COLD	600UL
68	22	0.41	91	P	2	TWD	16	VH3	TEH	TEC	NEW			36			COLD	600UL
68	54	0.38	75	P	2	TWD	14	O8H	TEH	TEC				11			COLD	600UL
		0.38	65	P	2	TWD	14	O8H	TEH	TEC				11			COLD	600UL
68	88	0.22	48	P	2	TWD	10	DBH	TEH	TEC				14			COLD	600UL
		0.22	47	P	2	TWD	10	DBH	TEH	TEC				14			COLD	600UL
68	92	0.24	149	P	2	TWD	10	DBH	TEH	TEC	NEW			13			COLD	600UL
68	132	0.57	83	P	2	TWD	21	VC3	TEC	TEH				1			HOT	600UL
		0.59	84	P	2	TWD	22	VC3	TEC	TEH				1			HOT	600UL
68	150	0.61	121	P	2	TWD	20	VH3	TEC	TEH	NEW			11			HOT	600UL
68	158	0.38	124	P	2	TWD	16	VH3	TEC	TEH				17			HOT	600UL
		0.38	123	P	2	TWD	16	VH3	TEC	TEH				17			HOT	600UL
68	160	0.49	130	P	2	TWD	21	VH3	TEC	TEH	NEW			18			HOT	600UL
68	164	0.47	70	P	2	TWD	20	VH3	TEC	TEH				18			HOT	600UL
		0.41	110	P	2	TWD	19	O1C	TEC	TEH				18			HOT	600UL
		0.37	88	P	2	TWD	17	O1C	TEC	TEH				18			HOT	600UL
		0.47	70	P	2	TWD	20	VH3	TEC	TEH				18			HOT	600UL
69	55	0.38	121	P	2	TWD	15	O8H	TEH	TEC				9			COLD	600UL
		0.38	121	P	2	TWD	15	O8H	TEH	TEC				9			COLD	600UL
69	65	0.43	137	P	2	TWD	17	VC3	TEH	TEC				7			COLD	600UL
		0.31	49	P	2	TWD	13	VC3	TEH	TEC				7			COLD	600UL
		0.45	148	P	2	TWD	18	VC3	TEH	TEC				7			COLD	600UL
		0.36	60	P	2	TWD	15	VC3	TEH	TEC				7			COLD	600UL
69	127	0.39	119	P	2	TWD	17	VC3	TEH	TEC				17			COLD	600UL
		0.44	109	P	2	TWD	18	VC3	TEH	TEC				17			COLD	600UL
69	155	0.25	119	P	2	TWD	10	VH3	TEC	TEH				17			HOT	600UL
		0.25	113	P	2	TWD	12	VH3	TEC	TEH				17			HOT	600UL
70	20	0.35	37	P	2	TWD	14	VH3	TEH	TEC	NEW			36			COLD	600UL
70	54	0.73	138	P	2	TWD	26	VC3	TEH	TEC				12			COLD	600UL
		0.49	159	P	2	TWD	20	VC3	TEH	TEC				12			COLD	600UL
70	56	0.28	79	P	2	TWD	11	O8H	TEH	TEC				9			COLD	600UL
		0.28	79	P	2	TWD	11	O8H	TEH	TEC				9			COLD	600UL
70	80	0.27	103	P	2	TWD	10	VH3	TEH	TEC				13			COLD	600UL
		0.26	120	P	2	TWD	10	VH3	TEH	TEC				13			COLD	600UL
70	86	0.18	19	P	2	TWD	8	DBC	TEH	TEC	NEW			14			COLD	600UL
70	92	0.21	141	P	2	TWD	10	DBH	TEH	TEC	NEW			14			COLD	600UL
70	96	0.49	151	P	2	TWD	19	DBH	TEH	TEC				14			COLD	600UL
		0.48	147	P	2	TWD	19	DBH	TEH	TEC				14			COLD	600UL
70	124	0.98	129	P	2	TWD	30	VH3	TEH	TEC				18			COLD	600UL
		1.01	122	P	2	TWD	31	VH3	TEH	TEC				18			COLD	600UL
		0.72	77	P	2	TWD	26	VC3	TEH	TEC				18			COLD	600UL
		0.39	75	P	2	TWD	16	VC3	TEH	TEC				18			COLD	600UL
		1.01	121	P	2	TWD	31	VH3	TEH	TEC	NEW			18			COLD	600UL
		0.72	77	P	2	TWD	26	VC3	TEH	TEC				18			COLD	600UL
		0.39	75	P	2	TWD	17	VC3	TEH	TEC				18			COLD	600UL
		0.98	128	P	2	TWD	31	VH3	TEH	TEC				18			COLD	600UL
		1.06	120	P	2	TWD	30	VH3	TEH	TEC				49			COLD	600UL
		1.00	111	P	2	TWD	29	VH3	TEH	TEC				49			COLD	600UL
		0.80	81	P	2	TWD	25	VC3	TEH	TEC				49			COLD	600UL
		0.48	78	P	2	TWD	17	VC3	TEH	TEC				49			COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
71	13	0.41	137	P	2	TWD	17	VH3	TEH	TEC					41		COLD	600UL
		0.30	63	P	2	TWD	13	VH3	TEH	TEC					41		COLD	600UL
71	53	0.35	76	P	2	TWD	16	08H	TEH	TEC					12		COLD	600UL
		0.35	76	P	2	TWD	16	08H	TEH	TEC					12		COLD	600UL
71	65	0.32	151	P	2	TWD	13	VH3	TEH	TEC	NEW				8		COLD	600UL
71	75	0.29	162	P	2	TWD	15	VH3	TEH	TEC	NEW				6		COLD	600UL
71	133	0.58	144	P	2	TWD	21	VC3	TEC	TEH					1		HOT	600UL
		0.73	144	P	2	TWD	25	VH3	TEC	TEH					1		HOT	600UL
		0.70	70	P	2	TWD	25	VH3	TEC	TEH					1		HOT	600UL
		0.30	23	P	2	TWD	14	VC3	TEC	TEH					1		HOT	600UL
		0.58	144	P	2	TWD	22	VC3	TEC	TEH					1		HOT	600UL
		0.32	50	P	2	TWD	14	VC3	TEC	TEH					1		HOT	600UL
		0.57	131	P	2	TWD	22	VH3	TEC	TEH					1		HOT	600UL
		0.70	70	P	2	TWD	25	VH3	TEC	TEH					1		HOT	600UL
71	163	0.32	102	P	2	TWD	15	02C	TEC	TEH					18		HOT	600UL
72	14	0.36	101	P	2	TWD	15	VH3	TEH	TEC					40		COLD	600UL
		0.39	86	P	2	TWD	15	VH3	TEH	TEC					40		COLD	600UL
72	22	0.38	107	P	2	TWD	16	VH3	TEH	TEC					36		COLD	600UL
		0.27	115	P	2	TWD	11	VH3	TEH	TEC					36		COLD	600UL
72	84	0.59	128	P	2	TWD	21	VSM	TEH	TEC					13		COLD	600UL
		0.55	72	P	2	TWD	20	VC3	TEH	TEC					13		COLD	600UL
		0.27	19	P	2	TWD	12	VC3	TEH	TEC					13		COLD	600UL
		0.59	128	P	2	TWD	21	VSM	TEH	TEC					13		COLD	600UL
		0.23	26	P	2	TWD	9	VC3	TEH	TEC					13		COLD	600UL
		0.45	85	P	2	TWD	17	VC3	TEH	TEC					13		COLD	600UL
72	88	0.31	151	P	2	TWD	13	DBH	TEH	TEC					14		COLD	600UL
		0.31	152	P	2	TWD	14	DBH	TEH	TEC					14		COLD	600UL
72	148	0.38	132	P	2	TWD	15	VH3	TEC	TEH	NEW				7		HOT	600UL
72	156	0.37	117	P	2	TWD	15	VH3	TEC	TEH					17		HOT	600UL
		0.37	116	P	2	TWD	16	VH3	TEC	TEH					17		HOT	600UL
72	158	0.36	54	P	2	TWD	15	VH3	TEC	TEH					17		HOT	600UL
		0.36	54	P	2	TWD	16	VH3	TEC	TEH					17		HOT	600UL
72	162	0.30	113	P	2	TWD	13	VH3	TEC	TEH					17		HOT	600UL
		0.30	113	P	2	TWD	14	VH3	TEC	TEH					17		HOT	600UL
73	21	0.29	23	P	2	TWD	12	DBH	TEH	TEC	NEW				36		COLD	600UL
73	91	0.33	49	P	2	TWD	13	DBH	TEH	TEC	NEW				13		COLD	600UL
73	161	0.29	93	P	2	TWD	12	VH3	TEC	TEH					17		HOT	600UL
		0.28	117	P	2	TWD	12	01H	TEC	TEH					17		HOT	600UL
		0.29	93	P	2	TWD	12	VH3	TEC	TEH					17		HOT	600UL
74	16	0.45	124	P	2	TWD	19	VH3	TEH	TEC					36		COLD	600UL
		0.44	91	P	2	TWD	16	VH3	TEH	TEC					36		COLD	600UL
74	20	0.40	159	P	2	TWD	17	VH3	TEH	TEC					36		COLD	600UL
		0.36	146	P	2	TWD	14	VH3	TEH	TEC					36		COLD	600UL
74	24	0.38	133	P	2	TWD	16	VH3	TEH	TEC					36		COLD	600UL
		0.27	116	P	2	TWD	11	VH3	TEH	TEC					36		COLD	600UL
74	42	0.45	78	P	2	TWD	18	VH3	TEH	TEC					32		COLD	600UL
		0.45	78	P	2	TWD	18	VH3	TEH	TEC					32		COLD	600UL
74	104	0.28	33	P	2	TWD	11	DBC	TEH	TEC	NEW				23		COLD	600UL
74	110	0.47	18	P	2	TWD	17	03H	TEH	TEC					23		COLD	600UL
74	118	0.29	111	P	2	TWD	12	VSM	TEH	TEC					20		COLD	600UL
		0.29	111	P	2	TWD	12	VSM	TEH	TEC					20		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
74	140	0.26	142	P 2	TWD	13	VC3	+0.81	TEC	TEH				2	HOT	600UL
		0.26	142	P 2	TWD	13	VC3	+0.81	TEC	TEH				2	HOT	600UL
75	19	0.38	145	P 2	TWD	16	VH3	-0.97	TEH	TEC				36	COLD	600UL
		0.25	88	P 2	TWD	11	VSM	-0.54	TEH	TEC				36	COLD	600UL
		0.84	151	P 2	TWD	28	VC3	+0.85	TEH	TEC				36	COLD	600UL
		0.35	118	P 2	TWD	14	VH3	-0.97	TEH	TEC				36	COLD	600UL
		0.22	106	P 2	TWD	9	VSM	-0.54	TEH	TEC				36	COLD	600UL
		0.82	145	P 2	TWD	26	VC3	+0.85	TEH	TEC				36	COLD	600UL
75	43	0.62	41	P 2	TWD	23	VC3	+0.77	TEH	TEC				32	COLD	600UL
		0.62	41	P 2	TWD	23	VC3	+0.77	TEH	TEC				32	COLD	600UL
75	45	0.41	138	P 2	TWD	19	VH3	-0.80	TEH	TEC	NEW			31	COLD	600UL
75	79	0.76	144	P 2	TWD	26	VSM	+0.94	TEH	TEC				14	COLD	600UL
		0.22	164	P 2	TWD	10	VSM	-0.90	TEH	TEC				14	COLD	600UL
		0.76	144	P 2	TWD	26	VSM	+0.94	TEH	TEC				14	COLD	600UL
		0.22	148	P 2	TWD	10	VSM	-0.90	TEH	TEC				14	COLD	600UL
75	95	0.81	75	P 2	TWD	27	VC3	-0.90	TEH	TEC				14	COLD	600UL
		0.81	75	P 2	TWD	27	VC3	-0.90	TEH	TEC				14	COLD	600UL
75	147	0.74	102	P 2	TWD	24	VC3	+0.65	TEC	TEH				7	HOT	600UL
		0.74	101	P 2	TWD	24	VC3	+0.65	TEC	TEH				7	HOT	600UL
75	159	0.29	63	P 2	TWD	14	VH3	-0.85	TEC	TEH				18	HOT	600UL
		0.29	63	P 2	TWD	14	VH3	-0.85	TEC	TEH				18	HOT	600UL
76	16	0.44	120	P 2	TWD	17	08C	-0.06	TEH	TEC				35	COLD	600UL
		0.44	120	P 2	TWD	18	08C	-0.06	TEH	TEC				35	COLD	600UL
76	54	0.24	95	P 2	TWD	10	DBH	+0.95	TEH	TEC				11	COLD	600UL
		0.24	95	P 2	TWD	10	DBH	+0.95	TEH	TEC				11	COLD	600UL
76	132	0.40	146	P 2	TWD	16	VH3	-0.73	TEC	TEH				1	HOT	600UL
		0.39	145	P 2	TWD	17	VH3	-0.73	TEC	TEH				1	HOT	600UL
76	134	0.33	157	P 2	TWD	14	DBC	-1.99	TEC	TEH	NEW			1	HOT	600UL
76	146	0.53	29	P 2	TWD	19	VH3	+0.67	TEC	TEH				7	HOT	600UL
		0.62	132	P 2	TWD	22	VH3	-0.78	TEC	TEH				7	HOT	600UL
		0.54	31	P 2	TWD	19	VH3	+0.67	TEC	TEH				7	HOT	600UL
		0.63	132	P 2	TWD	21	VH3	-0.78	TEC	TEH				7	HOT	600UL
76	152	0.29	55	P 2	TWD	10	VC3	-0.63	TEC	TEH				11	HOT	600UL
		0.29	55	P 2	TWD	10	VC3	-0.63	TEC	TEH				11	HOT	600UL
76	154	0.50	135	P 2	TWD	17	VH3	-0.78	TEC	TEH				11	HOT	600UL
		0.50	135	P 2	TWD	17	VH3	-0.78	TEC	TEH				11	HOT	600UL
76	156	0.31	146	P 2	TWD	13	VH3	-0.86	TEC	TEH				17	HOT	600UL
		0.31	147	P 2	TWD	14	VH3	-0.86	TEC	TEH				17	HOT	600UL
76	160	0.35	155	P 2	TWD	16	VH3	-0.91	TEC	TEH				18	HOT	600UL
		0.35	155	P 2	TWD	17	VH3	-0.91	TEC	TEH				18	HOT	600UL
76	162	0.41	82	P 2	TWD	15	08H	+0.75	TEC	TEH				17	HOT	600UL
		0.38	76	P 2	TWD	17	08H	+0.75	TEC	TEH				17	HOT	600UL
77	15	0.44	122	P 2	TWD	18	VH3	-0.93	TEH	TEC				36	COLD	600UL
		0.37	45	P 2	TWD	14	VH3	-0.93	TEH	TEC				36	COLD	600UL
77	29	0.51	140	P 2	TWD	19	VC3	+0.71	TEH	TEC				35	COLD	600UL
		0.51	140	P 2	TWD	19	VC3	+0.71	TEH	TEC				35	COLD	600UL
77	39	0.31	67	P 2	TWD	13	VC3	+0.91	TEH	TEC				32	COLD	600UL
		0.30	70	P 2	TWD	13	VC3	+0.91	TEH	TEC				32	COLD	600UL
77	61	0.66	154	P 2	TWD	23	VSM	+0.72	TEH	TEC				9	COLD	600UL
		0.60	119	P 2	TWD	21	VH3	-0.85	TEH	TEC				9	COLD	600UL
		0.60	119	P 2	TWD	21	VH3	-0.85	TEH	TEC				9	COLD	600UL
		0.66	154	P 2	TWD	23	VSM	+0.72	TEH	TEC				9	COLD	600UL
77	75	0.42	58	P 2	TWD	16	VH3	-0.98	TEH	TEC				5	COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.42	58	P 2	TWD	16	VH3	-0.98	TEH	TEC				5		COLD	600UL
		0.21	101	P 2	TWD	9	DBC	+1.85	TEH	TEC	NEW			5		COLD	600UL
77	155	0.82	139	P 2	TWD	29	VH3	+0.80	TEC	TEH				18		HOT	600UL
		0.39	53	P 2	TWD	18	VH3	-0.98	TEC	TEH				18		HOT	600UL
		0.82	139	P 2	TWD	29	VH3	+0.80	TEC	TEH				18		HOT	600UL
		0.44	140	P 2	TWD	19	VH3	-0.98	TEC	TEH				18		HOT	600UL
78	20	0.58	136	P 2	TWD	22	VH3	-0.93	TEH	TEC				36		COLD	600UL
		0.52	100	P 2	TWD	19	VH3	-0.93	TEH	TEC				36		COLD	600UL
78	24	0.52	109	P 2	TWD	21	VC3	-0.85	TEH	TEC				36		COLD	600UL
		0.49	72	P 2	TWD	18	VC3	-0.85	TEH	TEC				36		COLD	600UL
78	40	0.17	122	P 2	TWD	7	DBC	-1.63	TEH	TEC	NEW			32		COLD	600UL
78	62	0.50	134	P 2	TWD	19	VC3	-0.68	TEH	TEC				9		COLD	600UL
		0.49	137	P 2	TWD	18	VC3	-0.68	TEH	TEC				9		COLD	600UL
78	116	0.26	151	P 2	TWD	11	DBH	+2.20	TEH	TEC	NEW			22		COLD	600UL
78	158	0.50	113	P 2	TWD	21	VH3	-0.85	TEC	TEH				18		HOT	600UL
		0.51	116	P 2	TWD	22	VH3	-0.85	TEC	TEH				18		HOT	600UL
78	160	0.86	105	P 2	TWD	27	VH3	-0.81	TEC	TEH				17		HOT	600UL
		0.74	109	P 2	TWD	26	VH3	-0.81	TEC	TEH				17		HOT	600UL
79	19	0.29	8	P 2	TWD	12	DBH	+1.82	TEH	TEC	NEW			36		COLD	600UL
79	25	0.36	51	P 2	TWD	14	08C	-1.00	TEH	TEC				35		COLD	600UL
		0.42	29	P 2	TWD	17	08C	-1.00	TEH	TEC				35		COLD	600UL
79	29	0.44	47	P 2	TWD	17	VC3	+0.93	TEH	TEC				36		COLD	600UL
		0.44	50	P 2	TWD	17	VC3	+0.93	TEH	TEC				36		COLD	600UL
		0.29	34	P 2	TWD	12	VSM	-0.83	TEH	TEC	NEW			36		COLD	600UL
79	39	0.49	98	P 2	TWD	21	DBC	+1.95	TEH	TEC				31		COLD	600UL
		0.51	95	P 2	TWD	22	DBC	+1.95	TEH	TEC				31		COLD	600UL
79	81	1.85	130	P 2	TWD	40	VSM	+0.90	TEH	TEC				14		COLD	600UL
		0.49	145	P 2	TWD	19	VSM	-0.62	TEH	TEC				14		COLD	600UL
		0.46	140	P 2	TWD	19	VSM	-0.62	TEH	TEC				27		COLD	600UL
		1.58	127	P 2	TWD	40	VSM	+0.90	TEH	TEC				27		COLD	600UL
		1.87	130	P 2	TWD	41	VSM	+0.90	TEH	TEC				14		COLD	600UL
		0.49	145	P 2	TWD	19	VSM	-0.62	TEH	TEC				14		COLD	600UL
79	93	0.50	97	P 4	TWD	26	DBC	+2.14	DBC	DBC	LAR			174		HOT	560FH
		0.58	88	P 2	TWD	21	VH3	-0.49	TEH	TEC				14		COLD	600UL
		1.02	120	P 2	TWD	31	VC3	-1.01	TEH	TEC				14		COLD	600UL
		0.84	86	P 2	TWD	27	VC3	+0.88	TEH	TEC				14		COLD	600UL
		0.78	113	P 2	TWD	26	VH3	+0.90	TEH	TEC				14		COLD	600UL
		0.58	87	P 2	TWD	22	VH3	-0.49	TEH	TEC				14		COLD	600UL
		0.88	108	P 2	TWD	28	VH3	+0.90	TEH	TEC				14		COLD	600UL
		0.85	86	P 2	TWD	27	VC3	+0.88	TEH	TEC				14		COLD	600UL
		1.03	119	P 2	TWD	31	VC3	-1.01	TEH	TEC				14		COLD	600UL
		0.87	133	P 2	TWD	30	VC3	-1.01	TEH	TEC				27		COLD	600UL
		0.59	83	P 2	TWD	23	VH3	-0.49	TEH	TEC				27		COLD	600UL
		0.74	132	P 2	TWD	27	VH3	+0.90	TEH	TEC				27		COLD	600UL
		0.82	62	P 2	TWD	29	VC3	+0.88	TEH	TEC				27		COLD	600UL
79	95	0.30	85	P 4	TWD	19	DBC	+1.78	DBC	DBC	LAR			174		HOT	560FH
79	125	0.32	155	P 2	TWD	14	VH3	+0.78	TEH	TEC				18		COLD	600UL
		0.72	129	P 2	TWD	26	VSM	+0.76	TEH	TEC				18		COLD	600UL
		0.32	154	P 2	TWD	14	VH3	+0.78	TEH	TEC				18		COLD	600UL
		0.72	127	P 2	TWD	26	VSM	+0.76	TEH	TEC				18		COLD	600UL
79	129	0.39	120	P 2	TWD	16	VSM	-0.87	TEH	TEC				15		COLD	600UL
		0.48	157	P 2	TWD	19	VSM	+0.83	TEH	TEC				15		COLD	600UL
		0.79	139	P 2	TWD	26	VH3	+0.95	TEH	TEC				15		COLD	600UL
		0.78	142	P 2	TWD	26	VH3	+0.95	TEH	TEC				15		COLD	600UL
		0.39	120	P 2	TWD	16	VSM	-0.87	TEH	TEC				15		COLD	600UL
		0.48	157	P 2	TWD	19	VSM	+0.83	TEH	TEC				15		COLD	600UL
79	161	0.25	20	P 2	TWD	11	VH3	-0.85	TEC	TEH				17		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
80	74	0.17	154	P	2	TWD	7 DBH		TEH	TEC	NEW			5		COLD	600UL
									TEH	TEC							600UL
80	112	0.41	40	P	2	TWD	16 DBH		TEH	TEC	NEW			23		COLD	600UL
									TEH	TEC							600UL
80	152	0.31	43	P	2	TWD	13 DBC		TEC	TEH	NEW			11		HOT	600UL
									TEC	TEH							600UL
80	156	0.30	51	P	2	TWD	13 VH3		TEC	TEH				17		HOT	600UL
									TEC	TEH				17		HOT	600UL
81	27	0.24	33	P	2	TWD	10 DBH		TEH	TEC	NEW			36		COLD	600UL
									TEH	TEC							600UL
81	29	0.33	130	P	2	TWD	13 VH3		TEH	TEC				35		COLD	600UL
									TEH	TEC				35		COLD	600UL
81	153	0.51	117	P	2	TWD	22 VH3		TEC	TEH				12		HOT	600UL
									TEC	TEH				12		HOT	600UL
									TEC	TEH				12		HOT	600UL
									TEC	TEH				12		HOT	600UL
									TEC	TEH				12		HOT	600UL
82	18	0.37	114	P	2	TWD	14 O8C		TEH	TEC				35		COLD	600UL
									TEH	TEC				35		COLD	600UL
82	52	0.19	36	P	2	TWD	9 DBC		TEH	TEC	NEW			12		COLD	600UL
									TEH	TEC							600UL
82	64	0.57	77	P	2	TWD	21 VH3		TEH	TEC				9		COLD	600UL
									TEH	TEC				9		COLD	600UL
82	94	0.57	139	P	2	TWD	21 VH3		TEH	TEC				14		COLD	600UL
									TEH	TEC				14		COLD	600UL
82	116	0.46	116	P	2	TWD	18 DBH		TEH	TEC				22		COLD	600UL
									TEH	TEC				22		COLD	600UL
									TEH	TEC				22		COLD	600UL
									TEH	TEC				22		COLD	600UL
									TEH	TEC				22		COLD	600UL
									DBH	DBH	LAR			198		HOT	560FH
83	17	0.22	27	P	2	TWD	8 O2C		TEH	TEC				35		COLD	600UL
									TEH	TEC				35		COLD	600UL
									TEH	TEC				35		COLD	600UL
									TEH	TEC				35		COLD	600UL
									TEH	TEC				35		COLD	600UL
83	59	0.44	27	P	2	TWD	18 DBH		TEH	TEC	NEW			10		COLD	600UL
									TEH	TEC							600UL
83	73	0.19	175	P	2	TWD	10 DBH		TEH	TEC	NEW			6		COLD	600UL
									TEH	TEC							600UL
83	101	0.29	82	P	2	TWD	14 VSM		TEH	TEC				27		COLD	600UL
									TEH	TEC				27		COLD	600UL
83	103	0.91	131	P	2	TWD	28 O9H		TEH	TEC	LOCOK			24		COLD	600UL
									TEH	TEC	LAR			24		COLD	600UL
83	107	0.42	54	P	2	TWD	16 O9H		TEH	TEC	LOCOK			23		COLD	600UL
									TEH	TEC				23		COLD	600UL
83	115	0.55	119	P	2	TWD	21 VSM		TEH	TEC				24		COLD	600UL
									TEH	TEC	LOCOK			24		COLD	600UL
									TEH	TEC				24		COLD	600UL
									TEH	TEC	LAR			24		COLD	600UL
84	40	0.35	40	P	2	TWD	17 O9C		TEH	TEC	NEW			31		COLD	600UL
									TEH	TEC							600UL
84	50	0.25	127	P	2	TWD	9 VH2		TEH	TEC	NEW			11		COLD	600UL
									TEH	TEC							600UL
84	90	0.47	57	P	2	TWD	18 DBH		TEH	TEC	NEW			13		COLD	600UL
									TEH	TEC							600UL
84	92	0.47	42	P	2	TWD	18 O9H		TEH	TEC	NEW			13		COLD	600UL
									TEH	TEC	NEW			13		COLD	600UL
84	100	0.52	60	P	2	TWD	22 O9H		TEH	TEC				27		COLD	600UL
									TEH	TEC	LOCOK			27		COLD	600UL
									TEH	TEC				27		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
89	137	0.45	86	P	2	TWD	18	VH2	TEC	TEH				1			HOT	600UL
		0.33	133	P	2	TWD	15	VH2	TEC	TEH				1			HOT	600UL
		0.35	139	P	2	TWD	15	VH2	TEC	TEH				1			HOT	600UL
		0.45	86	P	2	TWD	19	VH2	TEC	TEH				1			HOT	600UL
		0.47	111	P	2	TWD	19	DBH	TEC	TEH	NEW			1			HOT	600UL
90	64	0.47	104	P	2	TWD	19	VH2	TEH	TEC				1			COLD	600UL
		0.45	120	P	2	TWD	19	VH2	TEH	TEC				1			COLD	600UL
90	74	0.29	121	P	2	TWD	13	VH2	TEH	TEC				1			COLD	600UL
		0.30	122	P	2	TWD	13	VH2	TEH	TEC				1			COLD	600UL
91	67	0.41	116	P	2	TWD	17	VH3	TEH	TEC				1			COLD	600UL
		0.41	116	P	2	TWD	17	VH3	TEH	TEC				1			COLD	600UL
91	137	0.23	40	P	2	TWD	10	DBH	TEC	TEH				34			HOT	600UL
		0.24	61	P	2	TWD	10	DBH	TEC	TEH				34			HOT	600UL
92	44	0.47	122	P	2	TWD	20	VH2	TEH	TEC	NEW			30			COLD	600UL
92	48	0.45	40	P	2	TWD	20	VH2	TEH	TEC	NEW			6			COLD	600UL
93	87	0.30	151	P	2	TWD	16	08H	TEC	TEH				4			HOT	600UL
		0.29	67	P	2	TWD	17	07H	TEC	TEH				4			HOT	600UL
		0.30	151	P	2	TWD	16	08H	TEC	TEH				4			HOT	600UL
		0.30	68	P	2	TWD	16	07H	TEC	TEH				4			HOT	600UL
94	98	0.16	51	P	2	TWD	11	DBH	TEC	TEH	NEW			6			HOT	600UL
96	24	0.64	87	P	2	TWD	24	09C	TEH	TEC				30			COLD	600UL
		0.64	87	P	2	TWD	24	09C	TEH	TEC				30			COLD	600UL
96	58	0.39	115	P	2	TWD	16	VH2	TEH	TEC	NEW			3			COLD	600UL
96	64	0.34	75	P	2	TWD	15	VH2	TEH	TEC	NEW			2			COLD	600UL
96	136	0.42	85	P	2	TWD	17	VH2	TEC	TEH	NEW			34			HOT	600UL
		0.41	83	P	2	TWD	17	VH2	TEC	TEH	NEW			34			HOT	600UL
97	27	0.15	129	P	2	TWD	7	DBC	TEH	TEC				29			COLD	600UL
		0.15	129	P	2	TWD	7	DBC	TEH	TEC				29			COLD	600UL
97	31	0.33	94	P	2	TWD	15	VH2	TEH	TEC				29			COLD	600UL
		0.33	94	P	2	TWD	14	VH2	TEH	TEC				29			COLD	600UL
97	67	0.25	135	P	2	TWD	12	VH3	TEH	TEC				2			COLD	600UL
		0.25	135	P	2	TWD	12	VH3	TEH	TEC				2			COLD	600UL
97	89	0.23	16	P	2	TWD	14	DBH	TEC	TEH				4			HOT	600UL
		0.23	22	P	2	TWD	13	DBH	TEC	TEH				4			HOT	600UL
97	91	0.52	21	P	2	TWD	26	DBH	TEC	TEH				6			HOT	600UL
		0.47	22	P	2	TWD	24	DBH	TEC	TEH				6			HOT	600UL
97	99	0.11	167	P	2	TWD	8	DBH	TEC	TEH	NEW			6			HOT	600UL
98	24	0.42	154	P	2	TWD	18	04H	TEH	TEC				29			COLD	600UL
98	118	0.33	146	P	2	TWD	19	VH2	TEC	TEH	NEW			16			HOT	600UL
98	144	0.30	64	P	2	TWD	13	09H	TEC	TEH				34			HOT	600UL
		0.31	57	P	2	TWD	13	09H	TEC	TEH				34			HOT	600UL
99	25	0.28	77	P	2	TWD	13	VH2	TEH	TEC				30			COLD	600UL
		0.25	142	P	2	TWD	12	VH2	TEH	TEC				30			COLD	600UL
99	29	0.33	67	P	2	TWD	15	VH2	TEH	TEC				30			COLD	600UL
		0.33	67	P	2	TWD	15	VH2	TEH	TEC				30			COLD	600UL
99	131	0.39	56	P	2	TWD	15	VH2	TEH	TEC				49			COLD	600UL
		0.30	105	P	2	TWD	12	VH2	TEH	TEC				49			COLD	600UL
		0.39	56	P	2	TWD	15	VH2	TEH	TEC				49			COLD	600UL
		0.32	73	P	2	TWD	12	VH2	TEH	TEC				49			COLD	600UL

MAI, MCI, MMI, MVI, SAI, SBI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
99	135	0.36	110	P	2	TWD	15	VH2	TEC	TEH	NEW			34		HOT	600UL
		0.43	32	P	2	TWD	17	VH2	TEC	TEH	NEW			34		HOT	600UL
99	151	0.33	45	P	2	TWD	15	08H	TEC	TEH				35		HOT	600UL
		0.33	45	P	2	TWD	15	08H	TEC	TEH				35		HOT	600UL
100	90	0.25	97	P	2	TWD	10	DBH	TEC	TEH	NEW			5		HOT	600UL
100	100	0.24	50	P	2	TWD	10	DBH	TEC	TEH	NEW			5		HOT	600UL
100	130	0.38	149	P	2	TWD	16	VH2	TEC	TEH				35		HOT	600UL
		0.39	148	P	2	TWD	16	VH2	TEC	TEH				35		HOT	600UL
101	75	0.42	20	P	1	SCI	TSH		TSH	TSH	0.42	9.10	54		HOT	580PP	
102	36	0.37	53	P	2	TWD	16	VH2	TEH	TEC	NEW			30		COLD	600UL
102	42	0.33	127	P	2	TWD	15	VH2	TEH	TEC	NEW			30		COLD	600UL
102	50	0.48	126	P	2	TWD	18	VH2	TEH	TEC	NEW			5		COLD	600UL
102	52	0.14	14	P	2	TWD	6	DBC	TEH	TEC	NEW			5		COLD	600UL
102	56	0.37	113	P	2	TWD	15	VH2	TEH	TEC	NEW			5		COLD	600UL
102	134	0.43	75	P	2	TWD	17	VH2	TEC	TEH	NEW			34		HOT	600UL
102	150	0.19	15	P	2	TWD	9	DBC	TEC	TEH	NEW			35		HOT	600UL
103	29	0.45	89	P	2	TWD	19	VH2	TEH	TEC				30		COLD	600UL
		0.45	89	P	2	TWD	19	VH2	TEH	TEC				30		COLD	600UL
103	47	0.26	106	P	2	TWD	14	VH2	TEC	TEH				24		HOT	600UL
		0.26	106	P	2	TWD	14	VH2	TEC	TEH				24		HOT	600UL
103	95	0.51	23	P	2	TWD	19	09H	TEC	TEH	NEW			5		HOT	600UL
103	131	0.42	134	P	2	TWD	16	VH2	TEH	TEC				49		COLD	600UL
		0.42	134	P	2	TWD	16	VH2	TEH	TEC				49		COLD	600UL
103	147	0.50	21	P	2	TWD	19	VH2	TEC	TEH	NEW			34		HOT	600UL
		0.42	151	P	2	TWD	17	VH2	TEC	TEH	NEW			34		HOT	600UL
103	149	0.51	110	P	2	TWD	21	08H	TEC	TEH				35		HOT	600UL
		0.51	110	P	2	TWD	20	08H	TEC	TEH				35		HOT	600UL
104	46	0.34	102	P	2	TWD	15	VH2	TEH	TEC				30		COLD	600UL
		0.34	102	P	2	TWD	15	VH2	TEH	TEC				30		COLD	600UL
104	60	0.38	112	P	2	TWD	15	VH2	TEH	TEC				3		COLD	600UL
		0.34	83	P	2	TWD	14	VH2	TEH	TEC				3		COLD	600UL
104	148	0.39	129	P	2	TWD	16	VH2	TEC	TEH	NEW			34		HOT	600UL
105	31	0.30	157	P	2	TWD	14	VH2	TEH	TEC				29		COLD	600UL
		0.30	157	P	2	TWD	13	VH2	TEH	TEC				29		COLD	600UL
105	107	0.10	107	P	2	TWD	8	DBH	TEC	TEH	NEW			10		HOT	600UL
105	117	0.23	134	P	2	TWD	15	DBH	TEC	TEH	NEW			16		HOT	600UL
105	127	0.40	119	P	2	TWD	22	VH2	TEC	TEH				16		HOT	600UL
		0.39	121	P	2	TWD	21	VH2	TEC	TEH				16		HOT	600UL
106	28	0.27	136	P	2	TWD	12	DBH	TEH	TEC	NEW			29		COLD	600UL
106	30	0.35	110	P	2	TWD	15	09H	TEH	TEC				30		COLD	600UL
		0.35	110	P	2	TWD	15	09H	TEH	TEC				30		COLD	600UL
106	46	0.26	77	P	2	TWD	12	VH3	TEH	TEC				29		COLD	600UL
		0.26	77	P	2	TWD	11	VH3	TEH	TEC				29		COLD	600UL
106	54	0.36	103	P	2	TWD	14	VH2	TEH	TEC				5		COLD	600UL
		0.36	103	P	2	TWD	14	VH2	TEH	TEC				5		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
110	130	0.42	104	P	2	TWD 17	VH2	TEC	TEH				34		HOT	600UL
		0.42	104	P	2	TWD 17	VH2	TEC	TEH				34		HOT	600UL
110	136	0.40	132	P	2	TWD 17	08H	TEC	TEH				35		HOT	600UL
		0.43	55	P	2	TWD 19	08H	TEC	TEH				35		HOT	600UL
		0.40	132	P	2	TWD 17	08H	TEC	TEH				35		HOT	600UL
		0.43	55	P	2	TWD 19	08H	TEC	TEH				35		HOT	600UL
110	138	0.31	83	P	2	TWD 14	08H	TEC	TEH				35		HOT	600UL
		0.31	83	P	2	TWD 14	08H	TEC	TEH				35		HOT	600UL
111	37	0.26	105	P	2	TWD 12	08H	TEH	TEC	NEW			30		COLD	600UL
111	43	0.31	118	P	2	TWD 14	VH2	TEH	TEC	NEW			30		COLD	600UL
111	113	0.49	152	P	2	TWD 19	VH2	TEC	TEH				9		HOT	600UL
		0.34	151	P	2	TWD 14	VH2	TEC	TEH				9		HOT	600UL
		0.41	156	P	2	TWD 17	VH2	TEC	TEH				9		HOT	600UL
		0.49	154	P	2	TWD 20	VH2	TEC	TEH				9		HOT	600UL
111	131	0.36	98	P	2	TWD 14	VH2	TEH	TEC	NEW			49		COLD	600UL
111	133	0.37	130	P	2	TWD 15	08H	TEC	TEH				34		HOT	600UL
		0.37	130	P	2	TWD 15	08H	TEC	TEH				34		HOT	600UL
111	135	0.30	115	P	2	TWD 12	VH2	TEC	TEH	NEW			34		HOT	600UL
111	137	0.55	120	P	2	TWD 21	VH2	TEC	TEH				34		HOT	600UL
		0.55	120	P	2	TWD 21	VH2	TEC	TEH				34		HOT	600UL
111	141	0.32	78	P	2	TWD 13	DBH	TEC	TEH				34		HOT	600UL
		0.32	78	P	2	TWD 13	DBH	TEC	TEH				34		HOT	600UL
111	143	0.30	109	P	2	TWD 14	VC3	TEC	TEH				35		HOT	600UL
		0.30	116	P	2	TWD 13	VC3	TEC	TEH				35		HOT	600UL
112	120	0.30	96	P	2	TWD 12	VH2	TEC	TEH				15		HOT	600UL
		0.31	130	P	2	TWD 12	VH2	TEC	TEH				15		HOT	600UL
112	124	0.57	92	P	2	TWD 20	VH2	TEC	TEH				15		HOT	600UL
		0.57	94	P	2	TWD 20	VH2	TEC	TEH				15		HOT	600UL
112	132	0.53	138	P	2	TWD 20	08H	TEC	TEH				34		HOT	600UL
		0.67	94	P	2	TWD 24	07H	TEC	TEH				34		HOT	600UL
		0.53	138	P	2	TWD 20	08H	TEC	TEH				34		HOT	600UL
		0.67	94	P	2	TWD 24	07H	TEC	TEH				34		HOT	600UL
		0.43	99	P	2	TWD 17	VH2	TEC	TEH	NEW			34		HOT	600UL
112	142	0.36	161	P	2	TWD 16	VC2	TEC	TEH				35		HOT	600UL
		0.53	12	P	2	TWD 21	DBC	TEC	TEH	NEW			35		HOT	600UL
		0.36	161	P	2	TWD 15	VC2	TEC	TEH				35		HOT	600UL
113	67	0.51	113	P	2	TWD 21	04C	TEH	TEC				2		COLD	600UL
113	129	0.44	73	P	2	TWD 23	09H	TEC	TEH				16		HOT	600UL
		0.37	151	P	2	TWD 21	VH2	TEC	TEH				16		HOT	600UL
		0.37	152	P	2	TWD 20	VH2	TEC	TEH				16		HOT	600UL
		0.42	68	P	2	TWD 22	09H	TEC	TEH				16		HOT	600UL
114	40	0.44	147	P	2	TWD 18	VH2	TEH	TEC				29		COLD	600UL
		0.44	146	P	2	TWD 19	VH2	TEH	TEC				29		COLD	600UL
114	90	0.25	105	P	2	TWD 14	DBH	TEC	TEH				4		HOT	600UL
		0.25	105	P	2	TWD 14	DBH	TEC	TEH				4		HOT	600UL
114	104	0.49	136	P	2	TWD 27	VH2	TEC	TEH				10		HOT	600UL
		0.49	136	P	2	TWD 27	VH2	TEC	TEH				10		HOT	600UL
114	106	0.34	18	P	2	TWD 22	DBH	TEC	TEH	NEW			10		HOT	600UL
114	114	0.27	138	P	2	TWD 15	VH2	TEC	TEH				10		HOT	600UL
		0.54	67	P	2	TWD 26	VH2	TEC	TEH				10		HOT	600UL
		0.27	54	P	2	TWD 16	VH2	TEC	TEH				10		HOT	600UL
		0.52	78	P	2	TWD 26	VH2	TEC	TEH				10		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
114	120	0.25	148	P 2	TWD	15	VH2	-0.91	TEC	TEH				16		HOT	600UL
		0.24	156	P 2	TWD	15	VH2	-0.91	TEC	TEH				16		HOT	600UL
114	130	0.40	101	P 2	TWD	16	09H	-0.89	TEC	TEH				34		HOT	600UL
		0.40	101	P 2	TWD	16	09H	-0.89	TEC	TEH				34		HOT	600UL
114	132	0.84	143	P 2	TWD	29	07H	+0.74	TEC	TEH				35		HOT	600UL
		0.84	142	P 2	TWD	29	07H	+0.74	TEC	TEH				35		HOT	600UL
114	140	0.93	112	P 2	TWD	30	VH2	-0.85	TEC	TEH				34		HOT	600UL
		0.93	112	P 2	TWD	30	VH2	-0.85	TEC	TEH				34		HOT	600UL
		0.87	112	P 2	TWD	27	VH2	-0.85	TEH	TEC				49		COLD	600UL
115	45	0.66	130	P 2	TWD	24	VH1	-0.99	TEH	TEC				30		COLD	600UL
		0.66	130	P 2	TWD	24	VH1	-0.99	TEH	TEC				30		COLD	600UL
115	127	0.39	141	P 2	TWD	15	09H	+0.64	TEC	TEH				15		HOT	600UL
		0.37	144	P 2	TWD	15	09H	+0.64	TEC	TEH				15		HOT	600UL
115	129	0.30	140	P 2	TWD	12	09H	-0.89	TEC	TEH				15		HOT	600UL
		0.30	145	P 2	TWD	12	09H	-0.89	TEC	TEH				15		HOT	600UL
115	133	0.43	51	P 2	TWD	17	VH2	+0.69	TEC	TEH	NEW			34		HOT	600UL
116	88	0.46	168	P 2	TWD	18	VH1	-1.23	TEC	TEH	NEW			3		HOT	600UL
116	110	0.59	105	P 2	TWD	22	VH1	-1.25	TEC	TEH	NEW			9		HOT	600UL
116	124	0.39	115	P 2	TWD	14	09H	+0.68	TEC	TEH				15		HOT	600UL
		0.42	79	P 2	TWD	16	08H	+0.83	TEC	TEH				15		HOT	600UL
		0.29	159	P 2	TWD	12	08H	+0.38	TEC	TEH				15		HOT	600UL
		0.42	79	P 2	TWD	16	08H	+0.83	TEC	TEH				15		HOT	600UL
		0.21	152	P 2	TWD	8	08H	+0.38	TEC	TEH				15		HOT	600UL
		0.39	115	P 2	TWD	14	09H	+0.68	TEC	TEH				15		HOT	600UL
116	126	0.29	29	P 2	TWD	17	VH2	-1.10	TEC	TEH				16		HOT	600UL
		0.23	151	P 2	TWD	15	08H	+0.93	TEC	TEH				16		HOT	600UL
		0.30	36	P 2	TWD	18	VH2	-1.10	TEC	TEH				16		HOT	600UL
		0.23	152	P 2	TWD	14	08H	+0.93	TEC	TEH				16		HOT	600UL
116	128	0.38	121	P 2	TWD	21	09H	+0.76	TEC	TEH				16		HOT	600UL
		0.31	112	P 2	TWD	18	08H	+0.92	TEC	TEH				16		HOT	600UL
		0.22	39	P 2	TWD	14	09H	-1.18	TEC	TEH				16		HOT	600UL
		0.39	113	P 2	TWD	21	09H	+0.76	TEC	TEH				16		HOT	600UL
		0.21	26	P 2	TWD	13	09H	-1.18	TEC	TEH				16		HOT	600UL
		0.31	114	P 2	TWD	18	08H	+0.92	TEC	TEH				16		HOT	600UL
117	55	0.42	70	P 2	TWD	16	VC1	+0.74	TEH	TEC	NEW			5		COLD	600UL
117	123	0.67	104	P 2	TWD	22	08H	+0.85	TEC	TEH				15		HOT	600UL
		0.66	108	P 2	TWD	22	08H	+0.85	TEC	TEH				15		HOT	600UL
117	129	0.26	113	P 2	TWD	16	08H	+0.97	TEC	TEH				16		HOT	600UL
		0.26	113	P 2	TWD	16	08H	+0.97	TEC	TEH				16		HOT	600UL
118	46	0.41	97	P 2	TWD	17	VH1	-0.89	TEH	TEC				29		COLD	600UL
		0.20	142	P 2	TWD	10	VH1	+0.85	TEH	TEC				29		COLD	600UL
		0.40	95	P 2	TWD	17	VH1	-0.89	TEH	TEC				29		COLD	600UL
		0.21	132	P 2	TWD	10	VH1	+0.85	TEH	TEC				29		COLD	600UL
118	54	0.29	137	P 2	TWD	13	VH2	-0.91	TEC	TEH				23		HOT	600UL
		0.27	141	P 2	TWD	13	VH2	-0.91	TEC	TEH				23		HOT	600UL
		0.62	29	P 2	TWD	24	VH1	-0.83	TEC	TEH	NEW			23		HOT	600UL
118	58	0.45	30	P 2	TWD	18	VH2	+0.89	TEH	TEC	NEW			3		COLD	600UL
118	60	0.45	46	P 2	TWD	18	VH1	-0.90	TEH	TEC				3		COLD	600UL
		0.34	68	P 2	TWD	14	VH2	-0.83	TEH	TEC				3		COLD	600UL
		0.40	59	P 2	TWD	16	VH1	-0.90	TEH	TEC				3		COLD	600UL
		0.29	67	P 2	TWD	12	VH2	-0.83	TEH	TEC				3		COLD	600UL
118	100	0.58	92	P 2	TWD	28	VH1	-0.72	TEC	TEH				6		HOT	600UL
		0.58	92	P 2	TWD	28	VH1	-0.72	TEC	TEH				6		HOT	600UL
119	57	0.30	87	2	SAI		TSH	+6.16	TSH	TSH	0.0	8.59	57		HOT	580PP	

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
119	123	0.57	99	P 2	TWD 27	09H	+0.76	TEC	TEH					16		HOT	600UL
		0.57	99	P 2	TWD 27	09H	+0.76	TEC	TEH					16		HOT	600UL
119	125	0.26	127	P 2	TWD 10	09H	+0.06	TEC	TEH					15		HOT	600UL
		0.35	157	P 2	TWD 14	09H	-0.98	TEC	TEH					15		HOT	600UL
		0.39	150	P 2	TWD 15	09H	-0.98	TEC	TEH					15		HOT	600UL
		0.25	112	P 2	TWD 11	09H	+0.06	TEC	TEH					15		HOT	600UL
119	139	0.62	134	P 2	TWD 24	10C	-1.25	TEC	TEH					35		HOT	600UL
		0.62	134	P 2	TWD 24	10C	-1.25	TEC	TEH	LOCOK				35		HOT	600UL
120	76	0.38	142	P 2	TWD 18	VH1	-0.79	TEH	TEC	NEW				6		COLD	600UL
		0.35	122	P 2	TWD 17	VH2	-0.84	TEH	TEC	NEW				6		COLD	600UL
120	80	0.26	42	P 2	TWD 11	DBH	+1.37	TEC	TEH					3		HOT	600UL
		0.26	42	P 2	TWD 11	DBH	+1.37	TEC	TEH					3		HOT	600UL
120	92	0.71	153	P 2	TWD 23	VH1	-0.86	TEC	TEH					5		HOT	600UL
		0.42	116	P 2	TWD 14	VH1	+0.80	TEC	TEH					5		HOT	600UL
		0.90	134	P 2	TWD 28	VH1	-0.86	TEC	TEH					5		HOT	600UL
		0.42	117	P 2	TWD 16	VH1	+0.80	TEC	TEH					5		HOT	600UL
120	112	0.28	143	P 2	TWD 13	10H	+1.27	TEC	TEH	LOCOK				9		HOT	600UL
		0.28	143	P 2	TWD 13	10H	+1.24	TEC	TEH					9		HOT	600UL
120	134	0.33	127	P 2	TWD 14	VH1	-1.00	TEC	TEH	NEW				34		HOT	600UL
121	113	0.33	121	P 2	TWD 21	VH1	-1.02	TEC	TEH					10		HOT	600UL
		0.33	121	P 2	TWD 21	VH1	-1.02	TEC	TEH					10		HOT	600UL
121	119	0.44	96	P 2	TWD 23	10H	+0.02	TEC	TEH					16		HOT	600UL
		0.31	158	P 2	TWD 18	09H	-0.69	TEC	TEH					16		HOT	600UL
		0.39	138	P 2	TWD 21	08H	+0.80	TEC	TEH					16		HOT	600UL
		0.77	115	P 2	TWD 32	08H	+0.30	TEC	TEH					16		HOT	600UL
		0.87	101	P 2	TWD 27	08H	+0.30	TEH	TEC					49		COLD	600UL
		0.55	108	P 2	TWD 19	08H	+0.80	TEH	TEC					49		COLD	600UL
		0.34	99	P 2	TWD 13	09H	-0.69	TEH	TEC					49		COLD	600UL
		0.58	85	P 2	TWD 20	10H	+0.02	TEH	TEC					49		COLD	600UL
		0.57	64	P 2	TWD 27	10H	+0.02	TEC	TEH					16		HOT	600UL
		0.31	156	P 2	TWD 18	09H	-0.69	TEC	TEH					16		HOT	600UL
		0.39	138	P 2	TWD 21	08H	+0.80	TEC	TEH					16		HOT	600UL
		0.77	115	P 2	TWD 32	08H	+0.30	TEC	TEH					16		HOT	600UL
121	121	0.40	51	P 2	TWD 22	09H	+0.43	TEC	TEH					16		HOT	600UL
		0.42	130	P 2	TWD 22	10H	-0.19	TEC	TEH					16		HOT	600UL
		0.43	125	P 2	TWD 23	10H	-0.19	TEC	TEH					16		HOT	600UL
		0.41	50	P 2	TWD 22	09H	+0.43	TEC	TEH					16		HOT	600UL
122	50	0.27	104	P 2	TWD 13	08C	+0.93	TEC	TEH	NEW				23		HOT	600UL
122	72	0.36	149	P 2	TWD 16	VH1	-1.03	TEH	TEC					1		COLD	600UL
		0.37	149	P 2	TWD 16	VH1	-1.03	TEH	TEC					1		COLD	600UL
122	78	0.33	143	P 2	TWD 18	VH1	-0.83	TEC	TEH					4		HOT	600UL
		0.33	143	P 2	TWD 18	VH1	-0.83	TEC	TEH					4		HOT	600UL
122	86	0.18	121	P 2	TWD 11	DBH	+0.17	TEC	TEH					4		HOT	600UL
		0.18	122	P 2	TWD 10	DBH	+0.17	TEC	TEH					4		HOT	600UL
122	112	0.44	103	P 2	TWD 25	10H	+0.50	TEC	TEH					10		HOT	600UL
		0.44	103	P 2	TWD 23	10H	+0.50	TEC	TEH					10		HOT	600UL
122	120	0.36	140	P 2	TWD 14	08H	-0.84	TEC	TEH					15		HOT	600UL
		0.34	49	P 2	TWD 14	08H	+0.45	TEC	TEH					15		HOT	600UL
		0.36	145	P 2	TWD 14	08H	-0.84	TEC	TEH					15		HOT	600UL
		0.35	48	P 2	TWD 14	08H	+0.45	TEC	TEH					15		HOT	600UL
122	122	0.48	124	P 2	TWD 17	10C	+0.85	TEC	TEH					15		HOT	600UL
		0.48	124	P 2	TWD 18	10C	+0.85	TEC	TEH					15		HOT	600UL
122	124	0.29	159	P 2	TWD 17	VH2	-0.76	TEC	TEH					16		HOT	600UL
		0.28	160	P 2	TWD 17	VH2	-0.76	TEC	TEH					16		HOT	600UL
123	115	0.29	58	P 2	TWD 11	09H	+0.42	TEC	TEH					15		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
		0.29	58	P 2	TWD 12	09H	+0.42	TEC	TEH					15	HOT	600UL
123	117	0.53	125	P 2	TWD 19	09H	-0.62	TEC	TEH					15	HOT	600UL
		0.55	123	P 2	TWD 19	09H	-0.62	TEC	TEH					15	HOT	600UL
123	119	0.53	88	P 2	TWD 19	09H	+0.49	TEC	TEH					15	HOT	600UL
		0.18	37	P 2	TWD 6	09H	-0.13	TEC	TEH					15	HOT	600UL
		0.53	88	P 2	TWD 19	09H	+0.49	TEC	TEH					15	HOT	600UL
		0.21	42	P 2	TWD 8	09H	-0.13	TEC	TEH					15	HOT	600UL
123	131	0.34	131	P 2	TWD 14	VH2	-1.13	TEC	TEH	NEW				34	HOT	600UL
124	58	0.42	117	P 2	TWD 16	VH1	-0.85	TEH	TEC					3	COLD	600UL
		0.38	95	P 2	TWD 15	VH1	+0.79	TEH	TEC					3	COLD	600UL
		0.40	91	P 2	TWD 16	VH1	-0.85	TEH	TEC					3	COLD	600UL
		0.38	49	P 2	TWD 16	VH1	+0.79	TEH	TEC					3	COLD	600UL
		0.38	62	P 2	TWD 16	VH2	-0.81	TEH	TEC	NEW				3	COLD	600UL
124	78	0.34	153	P 2	TWD 15	VH1	-1.08	TEC	TEH					3	HOT	600UL
		0.34	154	P 2	TWD 14	VH1	-1.08	TEC	TEH					3	HOT	600UL
124	114	0.25	161	P 2	TWD 11	05H	+0.76	TEC	TEH					9	HOT	600UL
124	116	0.35	98	P 2	TWD 14	09H	+0.11	TEC	TEH					15	HOT	600UL
		0.35	94	P 2	TWD 14	09H	+0.11	TEC	TEH					15	HOT	600UL
		0.30	31	P 2	TWD 11	10H	-1.23	TEC	TEH					15	HOT	600UL
		0.53	97	P 2	TWD 19	08H	+0.85	TEC	TEH					15	HOT	600UL
		0.53	97	P 2	TWD 19	08H	+0.85	TEC	TEH					15	HOT	600UL
		0.30	31	P 2	TWD 11	10H	-1.23	TEC	TEH					15	HOT	600UL
124	126	0.27	98	P 2	TWD 11	VH2	-0.98	TEC	TEH					15	HOT	600UL
		0.33	115	P 2	TWD 13	VH1	-1.04	TEC	TEH					15	HOT	600UL
		0.45	130	P 2	TWD 17	VH1	-1.04	TEC	TEH					15	HOT	600UL
		0.44	96	P 2	TWD 16	VH2	-0.98	TEC	TEH					15	HOT	600UL
125	57	0.46	126	P 2	TWD 20	VH1	+0.72	TEC	TEH					23	HOT	600UL
		0.69	118	P 2	TWD 26	VH1	-0.91	TEC	TEH					23	HOT	600UL
		0.69	118	P 2	TWD 26	VH1	-0.91	TEC	TEH					23	HOT	600UL
		0.45	129	P 2	TWD 20	VH1	+0.72	TEC	TEH					23	HOT	600UL
125	65	0.37	155	P 2	TWD 16	VH1	+0.73	TEH	TEC	NEW				2	COLD	600UL
125	117	0.29	153	P 2	TWD 17	08H	+0.76	TEC	TEH					16	HOT	600UL
		0.31	154	P 2	TWD 18	08H	+0.76	TEC	TEH					16	HOT	600UL
126	56	0.30	135	P 2	TWD 14	VH1	+1.08	TEC	TEH					23	HOT	600UL
		0.30	135	P 2	TWD 14	VH1	+1.08	TEC	TEH					23	HOT	600UL
126	62	0.41	39	P 2	TWD 18	VH1	-0.75	TEH	TEC					1	COLD	600UL
		0.40	45	P 2	TWD 17	VH1	-0.75	TEH	TEC					1	COLD	600UL
126	64	0.93	117	P 2	TWD 31	VH1	-1.04	TEH	TEC					1	COLD	600UL
		0.96	115	P 2	TWD 31	VH1	-1.04	TEC	TEH					23	HOT	600UL
		0.93	119	P 2	TWD 31	VH1	-1.04	TEH	TEC					1	COLD	600UL
126	78	0.37	139	P 2	TWD 19	VH1	-0.82	TEC	TEH					4	HOT	600UL
		0.89	57	P 2	TWD 34	VH1	+0.99	TEC	TEH					4	HOT	600UL
		0.43	122	P 2	TWD 16	VH1	-0.82	TEH	TEC					47	COLD	600UL
		1.00	41	P 2	TWD 29	VH1	+0.99	TEH	TEC					47	COLD	600UL
126	84	0.29	70	P 2	TWD 17	VH2	-0.96	TEC	TEH					4	HOT	600UL
		0.28	153	P 2	TWD 16	VH1	+0.86	TEC	TEH					4	HOT	600UL
		0.28	152	P 2	TWD 16	VH1	+0.86	TEC	TEH					4	HOT	600UL
		0.29	70	P 2	TWD 16	VH2	-0.96	TEC	TEH					4	HOT	600UL
126	86	0.33	143	P 2	TWD 18	VH1	-1.00	TEC	TEH					4	HOT	600UL
		0.30	120	P 2	TWD 17	VH1	+0.98	TEC	TEH					4	HOT	600UL
		0.30	122	P 2	TWD 17	VH1	+0.98	TEC	TEH					4	HOT	600UL
		0.33	143	P 2	TWD 18	VH1	-1.00	TEC	TEH					4	HOT	600UL
126	96	0.35	80	P 2	TWD 20	VH2	-1.05	TEC	TEH					6	HOT	600UL
		0.27	26	P 2	TWD 17	VH2	-1.05	TEC	TEH					6	HOT	600UL
126	98	0.55	128	P 2	TWD 27	VH1	-1.19	TEC	TEH					6	HOT	600UL
		0.45	125	P 2	TWD 24	VH2	-1.13	TEC	TEH					6	HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
		0.47	123	P 2	TWD 25	VH2	-1.13	TEC	TEH					6	HOT	600UL
		0.55	129	P 2	TWD 27	VH1	-1.19	TEC	TEH					6	HOT	600UL
126	104	0.38	65	P 2	TWD 23	VH2	-0.96	TEC	TEH					10	HOT	600UL
		0.51	62	P 2	TWD 28	VH2	-0.96	TEC	TEH					10	HOT	600UL
126	108	0.33	145	P 2	TWD 21	VH2	-1.00	TEC	TEH					10	HOT	600UL
		0.53	92	P 2	TWD 28	10H	+0.02	TEC	TEH					10	HOT	600UL
		0.42	138	P 2	TWD 25	VH1	-1.24	TEC	TEH					10	HOT	600UL
		0.27	47	P 2	TWD 18	VH2	-1.00	TEC	TEH					10	HOT	600UL
		0.53	92	P 2	TWD 28	10H	+0.02	TEC	TEH					10	HOT	600UL
		0.46	146	P 2	TWD 24	VH1	-1.24	TEC	TEH					10	HOT	600UL
126	112	0.65	138	P 2	TWD 32	10H	+0.98	TEC	TEH					10	HOT	600UL
		0.27	144	P 2	TWD 18	09H	-0.39	TEC	TEH					10	HOT	600UL
		0.32	42	P 2	TWD 21	08H	-0.59	TEC	TEH					10	HOT	600UL
		0.27	144	P 2	TWD 18	09H	-0.39	TEC	TEH					10	HOT	600UL
		0.32	42	P 2	TWD 21	08H	-0.59	TEC	TEH					10	HOT	600UL
		0.78	136	P 2	TWD 32	10H	+0.98	TEC	TEH					10	HOT	600UL
		0.32	33	P 2	TWD 12	08H	-0.59	TEH	TEC					49	COLD	600UL
		0.30	124	P 2	TWD 11	09H	-0.39	TEH	TEC					49	COLD	600UL
		0.84	105	P 2	TWD 26	10H	+0.98	TEH	TEC					49	COLD	600UL
126	114	0.34	125	P 2	TWD 19	08H	+0.89	TEC	TEH					10	HOT	600UL
		0.34	141	P 2	TWD 19	08H	+0.89	TEC	TEH					10	HOT	600UL
126	122	0.24	81	P 2	TWD 15	VH2	-1.02	TEC	TEH					16	HOT	600UL
		0.41	112	P 2	TWD 22	VH1	-0.93	TEC	TEH					16	HOT	600UL
		0.30	33	P 2	TWD 18	VH2	-1.02	TEC	TEH					16	HOT	600UL
		0.40	112	P 2	TWD 22	VH1	-0.93	TEC	TEH					16	HOT	600UL
126	124	0.16	78	P 2	TWD 11	VH2	-1.17	TEC	TEH					16	HOT	600UL
		0.25	61	P 2	TWD 15	VH1	-1.22	TEC	TEH					16	HOT	600UL
		0.16	61	P 2	TWD 11	VH2	-1.17	TEC	TEH					16	HOT	600UL
		0.23	45	P 2	TWD 15	VH1	-1.22	TEC	TEH					16	HOT	600UL
126	132	0.35	45	P 2	TWD 16	VH2	-0.92	TEC	TEH					35	HOT	600UL
		0.35	45	P 2	TWD 15	VH2	-0.92	TEC	TEH					35	HOT	600UL
127	51	0.35	28	P 2	TWD 16	DBH	-1.40	TEC	TEH	NEW				23	HOT	600UL
127	61	0.38	110	P 2	TWD 17	10H	+0.43	TEH	TEC					1	COLD	600UL
		0.47	114	P 2	TWD 19	10H	+0.43	TEH	TEC					1	COLD	600UL
127	63	0.40	115	P 2	TWD 17	VH1	+1.02	TEH	TEC					1	COLD	600UL
		0.28	101	P 2	TWD 13	VH1	-0.68	TEH	TEC					1	COLD	600UL
		0.28	106	P 2	TWD 12	VH1	-0.68	TEH	TEC					1	COLD	600UL
		0.41	118	P 2	TWD 17	VH1	+1.02	TEH	TEC					1	COLD	600UL
127	65	0.52	143	P 2	TWD 21	VH1	+0.77	TEH	TEC	NEW				1	COLD	600UL
127	67	0.33	118	P 2	TWD 15	VH1	+0.11	TEH	TEC					1	COLD	600UL
		0.38	113	P 2	TWD 16	VH1	+0.11	TEH	TEC					1	COLD	600UL
127	69	0.40	105	P 2	TWD 17	VH1	-0.92	TEH	TEC					1	COLD	600UL
		0.35	126	P 2	TWD 15	VH1	-0.92	TEH	TEC					1	COLD	600UL
127	79	0.76	129	P 2	TWD 26	VH1	+0.88	TEC	TEH					3	HOT	600UL
		0.76	132	P 2	TWD 26	VH1	+0.88	TEC	TEH					3	HOT	600UL
127	85	0.69	151	P 2	TWD 24	VH1	-0.85	TEC	TEH					3	HOT	600UL
		0.69	151	P 2	TWD 24	VH1	-0.85	TEC	TEH					3	HOT	600UL
127	101	0.29	161	P 2	TWD 12	VH1	-0.76	TEC	TEH					5	HOT	600UL
		0.37	157	P 2	TWD 15	VH1	-0.76	TEC	TEH					5	HOT	600UL
127	111	0.52	101	P 2	TWD 21	10H	+0.21	TEC	TEH					9	HOT	600UL
		0.53	103	P 2	TWD 21	09H	-0.23	TEC	TEH					9	HOT	600UL
		0.52	101	P 2	TWD 21	10H	+0.21	TEC	TEH					9	HOT	600UL
		0.53	103	P 2	TWD 21	09H	-0.23	TEC	TEH					9	HOT	600UL
127	113	0.37	91	P 2	TWD 15	08H	+0.83	TEC	TEH					9	HOT	600UL
		0.31	147	P 2	TWD 13	09H	-0.87	TEC	TEH					9	HOT	600UL
		0.44	118	P 2	TWD 18	09H	-0.87	TEC	TEH					9	HOT	600UL
		0.36	79	P 2	TWD 15	08H	+0.83	TEC	TEH					9	HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
127	115	0.36	154	P 2	TWD 14	08H	+0.70	TEC	TEH					15		HOT	600UL
		0.37	80	P 2	TWD 15	08H	-0.56	TEC	TEH					15		HOT	600UL
		0.37	80	P 2	TWD 14	08H	-0.56	TEC	TEH					15		HOT	600UL
		0.35	158	P 2	TWD 13	08H	+0.70	TEC	TEH					15		HOT	600UL
128	62	0.41	133	P 2	TWD 18	VH2	-0.86	TEH	TEC					2		COLD	600UL
		0.41	133	P 2	TWD 18	VH2	-0.86	TEH	TEC					2		COLD	600UL
128	72	0.55	71	P 2	TWD 22	VH2	-0.86	TEH	TEC					2		COLD	600UL
		0.55	66	P 2	TWD 22	VH2	-0.86	TEH	TEC					2		COLD	600UL
		0.52	78	P 2	TWD 21	VH1	-0.82	TEH	TEC	NEW				2		COLD	600UL
128	76	0.44	143	P 2	TWD 19	VH1	+0.81	TEH	TEC					6		COLD	600UL
		0.44	146	P 2	TWD 20	VH1	+0.81	TEH	TEC					6		COLD	600UL
128	80	0.93	136	P 2	TWD 29	VH1	-0.83	TEC	TEH					3		HOT	600UL
		0.58	94	P 2	TWD 21	VH1	+0.87	TEC	TEH					3		HOT	600UL
		0.58	94	P 2	TWD 21	VH1	+0.87	TEC	TEH					3		HOT	600UL
		0.95	135	P 2	TWD 29	VH1	-0.83	TEC	TEH					3		HOT	600UL
128	88	0.61	150	P 2	TWD 22	VH1	-0.90	TEC	TEH	NEW				3		HOT	600UL
128	90	0.68	129	P 2	TWD 24	VH1	-0.96	TEC	TEH					3		HOT	600UL
		0.69	134	P 2	TWD 24	VH1	-0.96	TEC	TEH					3		HOT	600UL
128	110	0.33	124	P 2	TWD 14	10H	+0.64	TEC	TEH					9		HOT	600UL
		0.36	106	P 2	TWD 16	VH2	-0.89	TEC	TEH					9		HOT	600UL
		0.26	152	P 2	TWD 12	10H	-0.73	TEC	TEH					9		HOT	600UL
		0.39	117	P 2	TWD 17	VH2	-0.89	TEC	TEH					9		HOT	600UL
		0.33	120	P 2	TWD 14	10H	+0.64	TEC	TEH					9		HOT	600UL
		0.26	152	P 2	TWD 12	10H	-0.73	TEC	TEH					9		HOT	600UL
128	116	0.37	134	P 2	TWD 14	09C	+0.95	TEC	TEH					15		HOT	600UL
		0.38	130	P 2	TWD 15	VH1	+0.74	TEC	TEH					15		HOT	600UL
		0.36	144	P 2	TWD 14	09C	+0.95	TEC	TEH					15		HOT	600UL
		0.38	139	P 2	TWD 15	VH1	+0.74	TEC	TEH					15		HOT	600UL
129	61	0.25	66	P 2	TWD 12	VH1	-0.65	TEH	TEC					2		COLD	600UL
		0.25	66	P 2	TWD 12	VH1	-0.65	TEH	TEC					2		COLD	600UL
129	63	0.50	81	P 2	TWD 20	VH1	+0.92	TEH	TEC					2		COLD	600UL
		0.37	125	P 2	TWD 16	10H	+0.43	TEH	TEC					2		COLD	600UL
		0.50	81	P 2	TWD 20	VH1	+0.92	TEH	TEC					2		COLD	600UL
		0.37	125	P 2	TWD 16	10H	+0.43	TEH	TEC					2		COLD	600UL
129	79	0.27	160	P 2	TWD 15	VH1	+0.73	TEC	TEH					4		HOT	600UL
		0.27	160	P 2	TWD 15	VH1	+0.73	TEC	TEH					4		HOT	600UL
129	105	0.50	150	P 2	TWD 27	VH1	+0.74	TEC	TEH					10		HOT	600UL
		0.50	150	P 2	TWD 25	VH1	+0.74	TEC	TEH					10		HOT	600UL
129	111	0.35	145	P 2	TWD 19	09H	-0.80	TEC	TEH					10		HOT	600UL
		0.28	136	P 2	TWD 16	09H	+0.48	TEC	TEH					10		HOT	600UL
		0.27	129	P 2	TWD 18	09H	+0.48	TEC	TEH					10		HOT	600UL
		0.31	156	P 2	TWD 20	09H	-0.80	TEC	TEH					10		HOT	600UL
130	54	0.18	16	P 2	TWD 9	DBH	+1.11	TEC	TEH	NEW				23		HOT	600UL
130	56	0.33	147	P 2	TWD 15	VH1	-0.74	TEC	TEH	NEW				23		HOT	600UL
130	60	0.41	126	P 2	TWD 18	VH2	+0.63	TEC	TEH	NEW				23		HOT	600UL
130	62	0.70	110	P 2	TWD 26	VH1	+0.89	TEH	TEC					1		COLD	600UL
		0.69	118	P 2	TWD 25	VH1	+0.89	TEH	TEC					1		COLD	600UL
130	66	0.32	77	P 2	TWD 14	08C	+0.87	TEH	TEC	NEW				1		COLD	600UL
		0.48	86	P 2	TWD 19	VH1	+0.75	TEH	TEC	NEW				1		COLD	600UL
130	68	0.54	112	P 2	TWD 22	VH1	+0.75	TEH	TEC					1		COLD	600UL
		0.55	113	P 2	TWD 22	VH1	+0.75	TEH	TEC					1		COLD	600UL
		0.22	134	P 2	TWD 9	DBH	-0.04	TEH	TEC	NEW				1		COLD	600UL
130	72	0.49	98	P 2	TWD 20	VH1	+0.90	TEH	TEC					1		COLD	600UL
		0.48	98	P 2	TWD 20	VH1	+0.90	TEH	TEC					1		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
130	74	0.36	139	P	2	TWD	16	VH1	TEH	TEC			1			COLD	600UL
		0.38	135	P	2	TWD	17	VH2	TEH	TEC			1			COLD	600UL
		0.36	140	P	2	TWD	15	VH1	TEH	TEC			1			COLD	600UL
		0.38	132	P	2	TWD	16	VH2	TEH	TEC			1			COLD	600UL
130	78	0.62	129	P	2	TWD	23	VH1	TEC	TEH			3			HOT	600UL
		0.59	136	P	2	TWD	22	VH1	TEC	TEH			3			HOT	600UL
130	92	0.61	101	P	2	TWD	28	VH1	TEC	TEH			6			HOT	600UL
		0.61	101	P	2	TWD	28	VH1	TEC	TEH			6			HOT	600UL
130	94	0.27	162	P	2	TWD	17	VH1	TEC	TEH			6			HOT	600UL
		0.51	115	P	2	TWD	26	VH1	TEC	TEH			6			HOT	600UL
		0.56	107	P	2	TWD	27	VH1	TEC	TEH			6			HOT	600UL
		0.27	162	P	2	TWD	17	VH1	TEC	TEH			6			HOT	600UL
130	108	0.35	146	P	2	TWD	22	VH1	TEC	TEH	NEW		10			HOT	600UL
130	110	0.62	133	P	2	TWD	31	10H	TEC	TEH			10			HOT	600UL
		0.62	133	P	2	TWD	31	10H	TEC	TEH			10			HOT	600UL
		0.57	90	P	2	TWD	20	10H	TEH	TEC			49			COLD	600UL
131	49	0.26	27	P	2	TWD	14	DBH	TEC	TEH	NEW		37			HOT	600UL
131	79	0.36	127	P	2	TWD	14	VH1	TEC	TEH			32			HOT	600UL
		0.35	90	P	2	TWD	14	VH1	TEC	TEH			32			HOT	600UL
131	101	0.33	116	P	2	TWD	13	VH1	TEC	TEH			32			HOT	600UL
		0.31	69	P	2	TWD	12	VH1	TEC	TEH			32			HOT	600UL
131	121	0.37	130	P	2	TWD	14	VH2	TEH	TEC	NEW		49			COLD	600UL
132	54	0.21	121	P	2	TWD	10	DBH	TEC	TEH	NEW		36			HOT	600UL
132	60	0.53	35	P	2	TWD	21	VH1	TEC	TEH			36			HOT	600UL
		0.54	36	P	2	TWD	21	VH1	TEC	TEH			36			HOT	600UL
132	68	0.34	96	P	2	TWD	15	VH1	TEC	TEH			36			HOT	600UL
		0.34	96	P	2	TWD	15	VH1	TEC	TEH			36			HOT	600UL
132	72	0.66	138	P	2	TWD	24	VH1	TEC	TEH			36			HOT	600UL
		0.66	138	P	2	TWD	24	VH1	TEC	TEH			36			HOT	600UL
		0.49	33	P	2	TWD	20	10H	TEC	TEH	NEW		36			HOT	600UL
132	74	0.34	100	P	2	TWD	15	VH2	TEC	TEH			36			HOT	600UL
		0.30	87	P	2	TWD	14	VH1	TEC	TEH			36			HOT	600UL
		0.34	100	P	2	TWD	15	VH2	TEC	TEH			36			HOT	600UL
		0.30	87	P	2	TWD	14	VH1	TEC	TEH			36			HOT	600UL
132	80	0.37	157	P	2	TWD	15	VH1	TEC	TEH			32			HOT	600UL
		0.37	149	P	2	TWD	14	VH1	TEC	TEH			32			HOT	600UL
132	82	0.67	122	P	2	TWD	23	VH1	TEC	TEH			32			HOT	600UL
		0.67	116	P	2	TWD	23	VH1	TEC	TEH			32			HOT	600UL
132	86	0.95	39	P	2	TWD	28	VH2	TEC	TEH			32			HOT	600UL
		0.92	34	P	2	TWD	28	VH2	TEC	TEH			32			HOT	600UL
132	88	0.67	73	P	2	TWD	23	VH1	TEC	TEH			32			HOT	600UL
		0.67	46	P	2	TWD	22	VH1	TEC	TEH			32			HOT	600UL
132	90	0.55	133	P	2	TWD	20	VH1	TEC	TEH			32			HOT	600UL
		0.54	117	P	2	TWD	19	VH1	TEC	TEH			32			HOT	600UL
132	96	0.36	140	P	2	TWD	15	VH1	TEC	TEH			32			HOT	600UL
		0.35	115	P	2	TWD	14	VH1	TEC	TEH			32			HOT	600UL
132	98	0.62	112	P	2	TWD	22	VH1	TEC	TEH			32			HOT	600UL
		0.61	86	P	2	TWD	21	VH1	TEC	TEH			32			HOT	600UL
132	100	0.47	131	P	2	TWD	18	VH1	TEC	TEH			32			HOT	600UL
		0.71	114	P	2	TWD	24	VH1	TEC	TEH			32			HOT	600UL
132	102	0.35	117	P	2	TWD	15	VH2	TEH	TEC	NEW		48			COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
132	104	0.46	94	P 2	TWD	17	VH1	-0.91	TEH	TEC				49		COLD	600UL
		0.47	83	P 2	TWD	17	VH1	-0.91	TEH	TEC				49		COLD	600UL
132	106	0.56	132	P 2	TWD	20	VH2	-0.64	TEH	TEC				49		COLD	600UL
		0.56	132	P 2	TWD	20	VH2	-0.64	TEH	TEC				49		COLD	600UL
132	108	0.57	110	P 2	TWD	20	VH1	-0.79	TEH	TEC	NEW			49		COLD	600UL
132	110	0.34	128	P 2	TWD	17	VH2	-0.80	TEH	TEC				49		COLD	600UL
		0.46	67	P 2	TWD	13	08H	+0.82	TEH	TEC				49		COLD	600UL
		0.46	108	P 2	TWD	17	VH1	-0.77	TEH	TEC				49		COLD	600UL
		0.34	67	P 2	TWD	13	08H	+0.82	TEH	TEC				49		COLD	600UL
		0.46	108	P 2	TWD	17	VH1	-0.77	TEH	TEC				49		COLD	600UL
		0.46	128	P 2	TWD	17	VH2	-0.80	TEH	TEC				49		COLD	600UL
132	112	0.31	150	P 2	TWD	12	VH1	-0.79	TEH	TEC	NEW			49		COLD	600UL
		0.49	88	P 2	TWD	18	VH2	+0.00	TEH	TEC	NEW			49		COLD	600UL
132	116	0.50	143	P 2	TWD	18	DBC	+2.08	TEH	TEC				49		COLD	600UL
		0.50	143	P 2	TWD	18	DBC	+2.08	TEH	TEC				49		COLD	600UL
133	53	0.49	118	P 2	TWD	23	DBH	+1.77	TEC	TEH				37		HOT	600UL
		0.48	134	P 2	TWD	23	DBH	+1.77	TEC	TEH				37		HOT	600UL
133	65	0.21	52	P 2	TWD	11	DBH	+1.20	TEC	TEH	NEW			37		HOT	600UL
133	89	0.33	150	P 2	TWD	17	VH2	-0.86	TEC	TEH				33		HOT	600UL
		0.28	161	P 2	TWD	15	VH2	-0.86	TEC	TEH				33		HOT	600UL
133	93	0.18	89	P 2	TWD	8	VH1	-0.98	TEC	TEH				32		HOT	600UL
		0.22	122	P 2	TWD	9	VH1	-0.98	TEC	TEH				32		HOT	600UL
133	95	0.37	157	P 2	TWD	15	VH1	+0.82	TEC	TEH				32		HOT	600UL
		0.37	148	P 2	TWD	14	VH1	+0.82	TEC	TEH				32		HOT	600UL
133	101	0.28	165	P 2	TWD	16	VH1	+0.76	TEC	TEH				33		HOT	600UL
		0.18	170	P 2	TWD	10	VH1	+0.76	TEC	TEH				33		HOT	600UL
133	103	0.53	117	P 2	TWD	19	08H	+0.86	TEH	TEC				49		COLD	600UL
		0.36	132	P 2	TWD	14	VH1	-0.80	TEH	TEC				49		COLD	600UL
		0.53	117	P 2	TWD	19	08H	+0.86	TEH	TEC				49		COLD	600UL
		0.36	132	P 2	TWD	14	VH1	-0.80	TEH	TEC				49		COLD	600UL
133	107	0.32	123	P 2	TWD	15	09H	+0.85	TEH	TEC				50		COLD	600UL
		0.18	151	P 2	TWD	9	09H	-0.83	TEH	TEC				50		COLD	600UL
		0.18	151	P 2	TWD	9	09H	-0.83	TEH	TEC				50		COLD	600UL
		0.32	123	P 2	TWD	15	09H	+0.85	TEH	TEC				50		COLD	600UL
134	56	0.35	155	P 2	TWD	18	DBC	+0.93	TEC	TEH	NEW			37		HOT	600UL
134	68	0.34	153	P 2	TWD	17	VH1	-0.82	TEC	TEH				37		HOT	600UL
		0.45	132	P 2	TWD	22	10H	-0.84	TEC	TEH				37		HOT	600UL
		0.45	132	P 2	TWD	22	10H	-0.84	TEC	TEH				37		HOT	600UL
		0.36	122	P 2	TWD	19	VH1	-0.82	TEC	TEH				37		HOT	600UL
134	74	0.44	107	P 2	TWD	21	VH2	-0.90	TEC	TEH				37		HOT	600UL
		0.59	40	P 2	TWD	26	VH1	-0.82	TEC	TEH				37		HOT	600UL
		0.41	101	P 2	TWD	20	VH2	-0.90	TEC	TEH				37		HOT	600UL
		0.31	35	P 2	TWD	17	VH1	-0.82	TEC	TEH				37		HOT	600UL
134	80	0.20	156	P 2	TWD	12	VH1	+0.72	TEC	TEH				33		HOT	600UL
		0.40	154	P 2	TWD	20	VH1	-0.78	TEC	TEH				33		HOT	600UL
		0.17	153	P 2	TWD	10	VH1	+0.72	TEC	TEH				33		HOT	600UL
		0.32	162	P 2	TWD	17	VH1	-0.78	TEC	TEH				33		HOT	600UL
134	84	0.34	149	P 2	TWD	18	VH1	-0.95	TEC	TEH				33		HOT	600UL
		0.34	149	P 2	TWD	18	VH1	-0.95	TEC	TEH				33		HOT	600UL
134	88	0.33	85	P 2	TWD	17	10H	+0.02	TEC	TEH				33		HOT	600UL
		0.33	84	P 2	TWD	17	10H	+0.02	TEC	TEH				33		HOT	600UL
134	90	0.34	154	P 2	TWD	18	VH1	-1.01	TEC	TEH				33		HOT	600UL
		0.32	151	P 2	TWD	17	VH2	-0.90	TEC	TEH				33		HOT	600UL
		0.26	160	P 2	TWD	14	VH2	-0.90	TEC	TEH				33		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.29	109	P 2	TWD	16	VH1	-1.01	TEC	TEH				33		HOT	600UL
134	96	0.60	142	P 2	TWD	26	VH1	-0.90	TEC	TEH				33		HOT	600UL
		0.48	151	P 2	TWD	22	VH1	-0.90	TEC	TEH				33		HOT	600UL
134	102	0.47	111	P 2	TWD	19	VH1	-0.78	TEH	TEC	NEW			48		COLD	600UL
		0.42	122	P 2	TWD	17	VH2	-0.84	TEH	TEC	NEW			48		COLD	600UL
134	104	0.32	147	P 2	TWD	15	VH1	-0.67	TEH	TEC	NEW			50		COLD	600UL
		0.26	131	P 2	TWD	12	VH2	-0.84	TEH	TEC	NEW			50		COLD	600UL
134	108	0.28	41	P 2	TWD	14	10H	+0.96	TEH	TEC				50		COLD	600UL
		0.28	41	P 2	TWD	14	10H	+0.96	TEH	TEC				50		COLD	600UL
134	110	0.30	128	P 2	TWD	14	VH2	-0.79	TEH	TEC				50		COLD	600UL
		0.30	128	P 2	TWD	14	VH2	-0.79	TEH	TEC				50		COLD	600UL
134	112	0.41	145	P 2	TWD	18	VH1	-0.67	TEH	TEC				50		COLD	600UL
		0.41	145	P 2	TWD	18	VH1	-0.67	TEH	TEC				50		COLD	600UL
135	57	0.31	142	P 2	TWD	16	10H	+1.24	TEC	TEH	NEW			37		HOT	600UL
135	77	0.38	79	P 2	TWD	19	VH1	+0.82	TEC	TEH				37		HOT	600UL
		0.38	79	P 2	TWD	19	VH1	+0.82	TEC	TEH				37		HOT	600UL
135	89	0.51	102	P 2	TWD	19	VH3	-0.92	TEC	TEH				32		HOT	600UL
		0.49	84	P 2	TWD	18	VH3	-0.92	TEC	TEH				32		HOT	600UL
135	95	0.45	143	P 2	TWD	17	VH1	-1.02	TEC	TEH				32		HOT	600UL
		0.46	141	P 2	TWD	17	VH1	-1.02	TEC	TEH				32		HOT	600UL
135	117	0.35	29	P 2	TWD	16	08H	+0.34	TEH	TEC				50		COLD	600UL
		0.35	29	P 2	TWD	16	08H	+0.34	TEH	TEC				50		COLD	600UL
		0.33	159	P 2	TWD	15	DBC	+0.23	TEH	TEC				50		COLD	600UL
		0.33	159	P 2	TWD	15	DBC	+0.23	TEH	TEC				50		COLD	600UL
136	58	0.19	161	P 2	TWD	9	DBH	+1.89	TEC	TEH	NEW			36		HOT	600UL
		0.27	23	P 2	TWD	12	DBH	-1.86	TEC	TEH	NEW			36		HOT	600UL
136	68	0.35	110	P 2	TWD	15	VH1	-0.95	TEC	TEH				36		HOT	600UL
		0.35	110	P 2	TWD	15	VH1	-0.95	TEC	TEH				36		HOT	600UL
136	74	0.43	78	P 2	TWD	18	VH1	+0.94	TEC	TEH				36		HOT	600UL
		0.43	78	P 2	TWD	18	VH1	+0.94	TEC	TEH				36		HOT	600UL
136	86	0.49	45	P 2	TWD	18	VH2	-1.04	TEC	TEH				32		HOT	600UL
		0.47	44	P 2	TWD	17	VH2	-1.04	TEC	TEH				32		HOT	600UL
136	90	0.63	65	P 2	TWD	22	VH1	+0.70	TEC	TEH				32		HOT	600UL
		0.45	74	P 2	TWD	17	VH2	+0.82	TEC	TEH				32		HOT	600UL
		0.43	53	P 2	TWD	16	VH2	+0.82	TEC	TEH				32		HOT	600UL
		0.61	46	P 2	TWD	21	VH1	+0.70	TEC	TEH				32		HOT	600UL
136	92	0.50	141	P 2	TWD	18	VH1	-1.13	TEC	TEH				32		HOT	600UL
		0.50	141	P 2	TWD	18	VH1	-1.13	TEC	TEH				32		HOT	600UL
136	94	0.36	73	P 2	TWD	19	VH1	-0.98	TEC	TEH				33		HOT	600UL
		0.34	55	P 2	TWD	18	VH1	-0.98	TEC	TEH				33		HOT	600UL
136	114	0.49	45	P 2	TWD	18	DBC	+1.18	TEH	TEC				49		COLD	600UL
		0.49	45	P 2	TWD	18	DBC	+1.18	TEH	TEC				49		COLD	600UL
137	59	0.10	11	P 2	TWD	5	DBC	+1.65	TEC	TEH				37		HOT	600UL
		0.40	149	P 2	TWD	20	DBC	+1.65	TEC	TEH				37		HOT	600UL
137	79	0.32	125	P 2	TWD	17	09H	-0.91	TEC	TEH				33		HOT	600UL
		0.32	126	P 2	TWD	17	09H	-0.91	TEC	TEH				33		HOT	600UL
137	81	0.35	42	P 2	TWD	18	08H	+0.89	TEC	TEH				33		HOT	600UL
		0.35	42	P 2	TWD	18	08H	+0.89	TEC	TEH				33		HOT	600UL
137	83	0.41	52	P 2	TWD	20	09H	+0.76	TEC	TEH				33		HOT	600UL
		0.55	60	P 2	TWD	25	09H	+0.76	TEC	TEH				33		HOT	600UL
137	91	0.32	164	P 2	TWD	17	VH1	+0.80	TEC	TEH				33		HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
		0.55	108	P 2	TWD	25	09H +0.80	TEC	TEH					33		HOT	600UL
		0.32	164	P 2	TWD	17	VH1 +0.80	TEC	TEH					33		HOT	600UL
		0.52	114	P 2	TWD	24	09H +0.80	TEC	TEH					33		HOT	600UL
137	115	0.35	52	P 2	TWD	16	VH2 -0.86	TEH	TEC					50		COLD	600UL
		0.35	52	P 2	TWD	16	VH2 -0.86	TEH	TEC					50		COLD	600UL
138	76	0.33	139	P 2	TWD	17	10H +0.65	TEC	TEH					37		HOT	600UL
		0.33	139	P 2	TWD	17	10H +0.65	TEC	TEH					37		HOT	600UL
138	84	0.21	115	P 2	TWD	12	VH2 -0.93	TEC	TEH					33		HOT	600UL
		0.23	150	P 2	TWD	13	VH1 -0.91	TEC	TEH					33		HOT	600UL
		0.20	152	P 2	TWD	11	VH2 -0.93	TEC	TEH					33		HOT	600UL
		0.19	142	P 2	TWD	11	VH1 -0.91	TEC	TEH					33		HOT	600UL
138	88	0.37	135	P 2	TWD	19	VH1 -0.86	TEC	TEH					33		HOT	600UL
		0.27	152	P 2	TWD	15	VH1 -0.86	TEC	TEH					33		HOT	600UL
138	100	0.34	133	P 2	TWD	18	VH1 -0.90	TEC	TEH					33		HOT	600UL
		0.28	82	P 2	TWD	15	VH1 -0.90	TEC	TEH					33		HOT	600UL
138	102	0.41	85	P 2	TWD	17	VH1 -0.84	TEH	TEC	NEW				48		COLD	600UL
		0.37	146	P 2	TWD	16	VH2 -0.88	TEH	TEC	NEW				48		COLD	600UL
138	104	0.37	153	P 2	TWD	17	VH2 -0.80	TEH	TEC					50		COLD	600UL
		0.45	119	P 2	TWD	19	VH1 -0.73	TEH	TEC					50		COLD	600UL
		0.22	102	P 2	TWD	11	VH1 -0.19	TEH	TEC					50		COLD	600UL
		0.45	119	P 2	TWD	19	VH1 -0.73	TEH	TEC					50		COLD	600UL
		0.22	102	P 2	TWD	11	VH1 -0.19	TEH	TEC					50		COLD	600UL
		0.37	153	P 2	TWD	17	VH2 -0.80	TEH	TEC					50		COLD	600UL
138	108	0.24	151	P 2	TWD	12	VH2 -0.84	TEH	TEC					50		COLD	600UL
		0.24	150	P 2	TWD	12	VH2 -0.84	TEH	TEC					50		COLD	600UL
138	110	0.35	88	P 2	TWD	16	VH2 -0.82	TEH	TEC	NEW				50		COLD	600UL
139	85	0.36	126	P 2	TWD	15	VH3 +0.94	TEC	TEH					32		HOT	600UL
		0.34	82	P 2	TWD	13	VH3 +0.94	TEC	TEH					32		HOT	600UL
139	89	0.32	141	P 2	TWD	13	09H +0.74	TEC	TEH					32		HOT	600UL
		0.19	51	P 2	TWD	8	09H -0.90	TEC	TEH					32		HOT	600UL
		0.32	134	P 2	TWD	12	09H +0.74	TEC	TEH					32		HOT	600UL
		0.19	51	P 2	TWD	8	09H -0.90	TEC	TEH					32		HOT	600UL
139	95	0.28	54	P 2	TWD	12	VH1 -1.03	TEC	TEH					32		HOT	600UL
		0.28	65	P 2	TWD	11	VH1 -1.03	TEC	TEH					32		HOT	600UL
139	99	0.37	145	P 2	TWD	15	VH2 -0.84	TEC	TEH					32		HOT	600UL
		0.36	116	P 2	TWD	14	VH2 -0.84	TEC	TEH					32		HOT	600UL
140	64	0.44	70	P 2	TWD	21	DBH -1.95	TEC	TEH					37		HOT	600UL
		0.44	70	P 2	TWD	21	DBH -1.95	TEC	TEH					37		HOT	600UL
140	86	0.48	141	P 2	TWD	18	VH2 -0.88	TEC	TEH					32		HOT	600UL
		0.48	123	P 2	TWD	18	VH2 -0.88	TEC	TEH					32		HOT	600UL
140	88	0.44	157	P 2	TWD	17	VH1 -0.90	TEC	TEH					32		HOT	600UL
		0.48	139	P 2	TWD	18	VH1 -0.90	TEC	TEH					32		HOT	600UL
140	90	0.40	152	P 2	TWD	16	VH2 -0.82	TEC	TEH					32		HOT	600UL
		0.49	158	P 2	TWD	18	VH1 -0.86	TEC	TEH					32		HOT	600UL
		0.39	140	P 2	TWD	15	VH2 -0.82	TEC	TEH					32		HOT	600UL
		0.61	132	P 2	TWD	21	VH1 -0.86	TEC	TEH					32		HOT	600UL
140	94	0.46	130	P 2	TWD	22	VH1 -0.88	TEC	TEH					33		HOT	600UL
		0.40	145	P 2	TWD	20	VH1 -0.88	TEC	TEH					33		HOT	600UL
140	102	0.38	94	P 2	TWD	16	VH2 -0.88	TEH	TEC	NEW				48		COLD	600UL
140	112	0.48	60	P 2	TWD	20	DBC -1.84	TEH	TEC					50		COLD	600UL
		0.39	95	P 2	TWD	17	VH1 -0.80	TEH	TEC					50		COLD	600UL
		0.31	120	P 2	TWD	15	04H +0.82	TEH	TEC					50		COLD	600UL
		0.34	33	P 2	TWD	16	DBC +1.97	TEH	TEC					50		COLD	600UL
		0.39	95	P 2	TWD	17	VH1 -0.80	TEH	TEC					50		COLD	600UL
		0.42	26	P 2	TWD	18	DBC +1.97	TEH	TEC					50		COLD	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
		0.48	60	P 2	TWD 20	DBC	-1.84	TEH	TEC					50	COLD	600UL
		0.34	113	P 2	TWD 16	VH2	-0.75	TEH	TEC	NEW				50	COLD	600UL
141	67	0.27	152	P 2	TWD 14	VH1	-0.85	TEC	TEH					37	HOT	600UL
		0.18	44	P 2	TWD 10	DBC	-1.85	TEC	TEH	NEW				37	HOT	600UL
		0.30	65	P 2	TWD 16	VH1	-0.85	TEC	TEH					37	HOT	600UL
141	99	0.27	45	P 2	TWD 15	DBH	+1.39	TEC	TEH					33	HOT	600UL
		0.24	100	P 2	TWD 13	VH1	+0.80	TEC	TEH					33	HOT	600UL
		0.24	119	P 2	TWD 13	VH1	+0.80	TEC	TEH					33	HOT	600UL
		0.27	48	P 2	TWD 15	DBH	+1.39	TEC	TEH					33	HOT	600UL
142	66	1.30	63	P 2	TWD 39	DBH	+1.96	TEC	TEH					37	HOT	600UL
		0.73	62	P 2	TWD 29	DBH	-1.66	TEC	TEH					37	HOT	600UL
		0.39	115	P 2	TWD 20	DBC	+1.76	TEC	TEH	NEW				37	HOT	600UL
		1.54	56	P 2	TWD 36	DBH	+1.96	TEH	TEC					47	COLD	600UL
		0.72	71	P 2	TWD 24	DBH	-1.66	TEH	TEC					47	COLD	600UL
		0.27	62	P 2	TWD 11	DBC	+1.47	TEH	TEC	NEW				47	COLD	600UL
		0.72	53	P 2	TWD 29	DBH	-1.66	TEC	TEH					37	HOT	600UL
		1.29	54	P 2	TWD 39	DBH	+1.96	TEC	TEH					37	HOT	600UL
142	78	0.42	150	P 2	TWD 21	VH2	-0.93	TEC	TEH					33	HOT	600UL
		0.37	105	P 2	TWD 19	VH1	-0.81	TEC	TEH					33	HOT	600UL
		0.40	150	P 2	TWD 20	VH2	-0.93	TEC	TEH					33	HOT	600UL
		0.30	151	P 2	TWD 16	VH1	-0.81	TEC	TEH					33	HOT	600UL
142	84	0.29	111	P 2	TWD 15	VH2	-0.87	TEC	TEH					33	HOT	600UL
		0.22	154	P 2	TWD 13	VH2	-0.87	TEC	TEH					33	HOT	600UL
142	88	0.38	144	P 2	TWD 19	VH2	-0.84	TEC	TEH					33	HOT	600UL
		0.38	145	P 2	TWD 19	VH2	-0.84	TEC	TEH					33	HOT	600UL
142	100	0.55	123	P 2	TWD 25	VH2	-0.82	TEC	TEH					33	HOT	600UL
		0.53	128	P 2	TWD 24	VH2	-0.82	TEC	TEH					33	HOT	600UL
142	102	0.64	131	P 2	TWD 23	VH2	-0.82	TEH	TEC					48	COLD	600UL
		0.41	106	P 2	TWD 17	VH1	-0.86	TEH	TEC					48	COLD	600UL
		0.47	113	P 2	TWD 19	VH1	-0.86	TEH	TEC					48	COLD	600UL
		0.64	131	P 2	TWD 23	VH2	-0.82	TEH	TEC					48	COLD	600UL
143	95	0.32	26	P 2	TWD 13	DBH	-1.32	TEC	TEH	NEW				32	HOT	600UL
143	103	0.52	78	P 2	TWD 19	VH1	-0.74	TEH	TEC					49	COLD	600UL
		0.52	78	P 2	TWD 19	VH1	-0.74	TEH	TEC					49	COLD	600UL
144	70	0.46	87	P 2	TWD 22	VC1	+0.44	TEC	TEH					37	HOT	600UL
		0.46	58	P 2	TWD 22	VC1	+0.44	TEC	TEH					37	HOT	600UL
144	72	0.37	57	P 2	TWD 19	DBH	+2.06	TEC	TEH	NEW				37	HOT	600UL
		0.58	51	P 2	TWD 26	DBC	-1.75	TEC	TEH					37	HOT	600UL
		0.55	56	P 2	TWD 25	DBC	-1.75	TEC	TEH					37	HOT	600UL
144	74	0.48	84	P 2	TWD 23	VH1	-0.93	TEC	TEH					37	HOT	600UL
		0.53	56	P 2	TWD 24	DBH	+0.67	TEC	TEH					37	HOT	600UL
		0.43	148	P 2	TWD 21	VH1	-0.93	TEC	TEH					37	HOT	600UL
		0.49	60	P 2	TWD 23	DBH	+0.67	TEC	TEH					37	HOT	600UL
144	76	0.19	110	P 2	TWD 9	DBH	-1.98	TEC	TEH	NEW				36	HOT	600UL
144	78	0.51	119	P 2	TWD 19	DBH	-2.15	TEC	TEH					32	HOT	600UL
		0.52	117	P 2	TWD 19	DBH	-2.15	TEC	TEH					32	HOT	600UL
144	80	0.35	134	P 2	TWD 14	VH1	-0.84	TEC	TEH					32	HOT	600UL
		0.34	106	P 2	TWD 13	VH1	-0.84	TEC	TEH					32	HOT	600UL
		0.18	175	P 2	TWD 7	DBH	+1.52	TEC	TEH	NEW				32	HOT	600UL
144	82	0.40	112	P 2	TWD 15	VH2	-0.88	TEC	TEH					32	HOT	600UL
		0.40	112	P 2	TWD 15	VH2	-0.88	TEC	TEH					32	HOT	600UL
144	84	0.51	66	P 2	TWD 24	VH3	+0.73	TEC	TEH					33	HOT	600UL
		0.44	106	P 2	TWD 21	VH3	+0.73	TEC	TEH					33	HOT	600UL
144	90	0.52	153	P 2	TWD 19	VH2	-0.86	TEC	TEH					32	HOT	600UL
		0.52	145	P 2	TWD 19	VH2	-0.86	TEC	TEH					32	HOT	600UL

MAI, MCI, MMI, MVI, SAI, SCI, SVI, 0-100% twd

QUERY: QueryM3

ROW	LINE	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
144	94	0.40	136	P 2	TWD 20		VH2	-0.90	TEC	TEH				33	HOT	600UL
		0.33	156	P 2	TWD 17		VH2	-0.90	TEC	TEH				33	HOT	600UL
		0.18	51	P 2	TWD 10		DBH	+1.43	TEC	TEH	NEW			33	HOT	600UL
144	96	0.68	139	P 2	TWD 28		VH2	-0.83	TEC	TEH				33	HOT	600UL
		0.66	104	P 2	TWD 28		DBC	+1.58	TEC	TEH				33	HOT	600UL
		0.28	90	P 2	TWD 15		VH2	+0.91	TEC	TEH				33	HOT	600UL
		0.67	104	P 2	TWD 28		DBC	+1.58	TEC	TEH				33	HOT	600UL
		0.28	90	P 2	TWD 15		VH2	+0.91	TEC	TEH				33	HOT	600UL
		0.66	134	P 2	TWD 28		VH2	-0.83	TEC	TEH				33	HOT	600UL
144	102	0.36	51	P 2	TWD 16		VH2	-0.91	TEH	TEC				48	COLD	600UL
		0.39	56	P 2	TWD 17		VH2	-0.91	TEH	TEC				48	COLD	600UL
144	106	0.53	84	P 2	TWD 22		DBH	-1.83	TEH	TEC				50	COLD	600UL
		0.22	103	P 2	TWD 11		DBC	-1.51	TEH	TEC				50	COLD	600UL
		0.53	84	P 2	TWD 22		DBH	-1.83	TEH	TEC				50	COLD	600UL
		0.22	103	P 2	TWD 11		DBC	-1.51	TEH	TEC				50	COLD	600UL
145	73	0.26	58	P 2	TWD 14		DBH	+1.49	TEC	TEH	NEW			37	HOT	600UL
145	79	0.18	95	P 2	TWD 10		DBH	-1.49	TEC	TEH	NEW			33	HOT	600UL
145	91	0.22	145	P 2	TWD 13		DBH	-1.40	TEC	TEH	NEW			33	HOT	600UL
145	101	0.29	20	P 2	TWD 16		DBC	+2.03	TEC	TEH	NEW			33	HOT	600UL
146	78	0.29	149	P 2	TWD 16		08H	+0.70	TEC	TEH				33	HOT	600UL
		0.52	89	P 6	TWD 25		DBH	+1.55	DBH	DBH	LAR			198	HOT	560FH
		0.19	132	P 2	TWD 11		DBH	-1.71	TEC	TEH	NEW			33	HOT	600UL
		0.29	149	P 2	TWD 16		08H	+0.70	TEC	TEH				33	HOT	600UL
		0.25	62	P 2	TWD 14		DBH	+1.53	TEC	TEH	NEW			33	HOT	600UL
146	82	0.68	100	P 2	TWD 28		DBH	+1.65	TEC	TEH	LOCOK			33	HOT	600UL
		0.68	100	P 2	TWD 28		DBH	+1.65	TEC	TEH				33	HOT	600UL
146	90	0.37	115	P 2	TWD 19		DBC	+1.44	TEC	TEH				33	HOT	600UL
		0.41	116	P 2	TWD 20		DBC	+1.44	TEC	TEH				33	HOT	600UL
146	92	0.27	73	P 2	TWD 15		DBH	+1.91	TEC	TEH				33	HOT	600UL
		0.39	126	P 2	TWD 20		VH2	-1.17	TEC	TEH				33	HOT	600UL
		0.39	128	P 2	TWD 20		VH2	-1.17	TEC	TEH				33	HOT	600UL
		0.30	66	P 2	TWD 16		DBH	+1.91	TEC	TEH				33	HOT	600UL
146	94	0.48	30	P 2	TWD 23		DBC	+1.99	TEC	TEH	NEW			33	HOT	600UL
146	96	1.07	57	P 2	TWD 36		DBC	+1.19	TEC	TEH				33	HOT	600UL
		0.80	24	P 2	TWD 28		DBC	+1.19	TEH	TEC				52	COLD	600UL
		1.01	71	P 2	TWD 35		DBC	+1.19	TEC	TEH				33	HOT	600UL

Total Tubes : 806
 Total Records: 1869