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Dwight E. Nunn
Vice President

March 17, 2004

U. S. Nuclear Regulatory Commission
Document Control Desk
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Subject: **Docket No. 50-361**
**Special Report: Inservice Inspection of Steam Generator Tubes, Cycle 13**
**San Onofre Nuclear Generating Station, Unit 2**

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

Gentlemen:

On March 3, 2004, Southern California Edison (SCE) completed the inservice inspection of steam generator tubes at San Onofre Nuclear Generating Station Unit 2. The attached report is submitted in accordance with Technical Specification (TS) 5.7.2.c reporting requirements:

- Report the number of tubes plugged and tubes sleeved 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;
- Report the results of steam generator tube inspections which fall into Category C-3 prior to resumption of plant operation.

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.

Independent from the TS 5.7.2.c reporting requirements, this report also incorporates results of a secondary side inspection of eggcrate tube supports using remote video equipment.

If you require any additional information, please advise.

Sincerely,

Attachments:

cc: B. S. Mallett, 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
Institute of Nuclear Power Operations (INPO)

A047

P.O. Box 128
San Clemente, CA 92674-0128
949-368-1480
Fax 949-368-1490

# SPECIAL REPORT - INSERVICE INSPECTION OF STEAM GENERATOR TUBES

## Regulatory Reporting Requirements

Reporting Requirement 5.7.2.c of Appendix A, Technical Specifications to Facility Operating License NPF-10, 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 Specifications to Facility Operating License NPF-10, requires the results of steam generator tube inspections which fall into Category C-3 to be reported to the Nuclear Regulatory Commission prior to resumption of plant operation.

Reporting Requirement 5.7.2.c of Appendix A, Technical Specifications to Facility Operating License NPF-10, 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 2 provides the list of Nondestructive Examination (NDE) techniques utilized for each degradation mechanism.

## Inspection Scope Expansion

There were no significant inspection program scope expansions in response to inspection results.

## Results of the Inservice Inspection of Tubes

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 3 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.

Ten inservice sleeves were found with a reduced inside diameter. In response, SCE took the following actions:

- These ten tubes have been removed from service by plugging both ends of the tubes.
- SCE Nuclear Fuel Management has implemented a conservative assumption in the safety analyses that each inservice sleeve may pose the potential for reactor coolant flow blockage, similar to that of a tube that is removed from service by plugging.

Evaluation of the reduced diameter of these inservice sleeves has not identified a cause. Measures to prevent recurrence include installation process enhancements related to the parent tubing at the location where the lower roll joint of the sleeve is to be performed. These enhancements include:

- Visual examination after the process surface cleaning of the parent tube at this location.
- Eddy current examination with a rotating Plus-Point coil probe of the parent tube at this location.

Table 4 summarizes results of in-situ pressure and leak testing conducted in accordance with EPRI guidelines. These results demonstrate the structural and leakage (i.e., there was no leakage) integrity of the tested tubes. 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.

**Results of the Secondary Side Inspection (SSI) of Eggcrate Tube Supports**

Visual inspections of the steam generator lattice supports for both steam generators at SONGS Unit 2 were completed using remote video equipment. The Unit 2 Cycle 13 inspection encompassed fifteen camera drops on each of the two steam generators. These inspections were conducted from the fifth to the tenth or uppermost lattice support structure.

The results indicate no evidence of ongoing Flow Accelerated Corrosion (FAC). These results are similar to the last lattice inspection on Unit 2 conducted in the Cycle 10 refueling outage. Using the conservative plugging criteria developed from the initial FAC discovery, no tubes were plugged.

**Repair of Tubes**

Table 5 provides an itemized listing of the tubes plugged in steam generator E-088 along with the corresponding Table 3 category specifying the indication orientation/location.

Table 6 provides an itemized listing of the tubes sleeved in steam generator E-088 along with the corresponding Table 3 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 3 category specifying the indication orientation/location.

Table 8 provides an itemized listing of the tubes sleeved in steam generator E-089 along with the corresponding Table 3 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 AREVA (formerly FRAMATOME-ANP or FANP). A "roll" method was used for all tube plugs. Five tubes were "stabilized" in the vicinity of the top of the tubesheet using the design, materials, and installation methods of AREVA.

All tube sleeving was performed using the welded sleeve design, materials, and installation methods of Westinghouse (formerly ABB Combustion Engineering). This repair method is approved for use in Technical Specification 5.5.2.11.f.1.j for Unit 2.

One hundred sixty-six (166) tubes were plugged and one hundred thirteen (113) tubes were sleeved in Steam Generator E-088 during the Unit 2 Cycle 13 refueling outage. To date, a total of nine hundred thirty-nine (939) tubes have been plugged and three hundred forty-five (345) sleeved tubes are in service. The design number of tubes is 9350 tubes and the sleeve to plug equivalency ratio is thirty-eight sleeves per plug. The effective plugging percentage for E-088 is 10.2%.

One hundred forty-three tubes (143) were plugged and fifty-one (51) tubes were sleeved in Steam Generator E-089 during the Unit 2 Cycle 13 refueling outage. To date, a total of nine hundred sixty (960) tubes have been plugged and one hundred eighty-nine (189) sleeved tubes are in service. The design number of tubes is 9350 tubes and the sleeve to plug equivalency ratio is thirty-eight sleeves per plug. The effective plugging percentage for E-089 is 10.4%.

**Causes and Corrective Actions**

The degradation detected during this inspection remained within the Technical Specification Category C-3. There is no significant update from previous reports of causes and corrective actions for Category C-3 results. The following actions were taken to improve the secondary side chemistry environment for steam generator tubing in both Unit 2 steam generators:

1. Chemical cleaning of the entire tube bundle (full bundle) performed during the Cycle 9 refueling outage in December, 1996.

2. Use of titanium dioxide, an IGA/SCC inhibitor, began immediately following the completion of the Cycle 9 refueling outage in April 1997 for maximum crevice penetration potential. This treatment is ongoing.

3. Use of Ethanolamine (ETA) for pH control of the secondary fluids began in July 1997. This treatment is ongoing.

4. Use of Boric Acid addition in the secondary side began in February 1998 to help reduce denting of the tube supports and stress corrosion cracking of tubing . This treatment is ongoing.

In addition, SCE reduced the reactor coolant temperature at the steam generator inlet (T-hot) by about 11°F. SCE expects this will reduce stress corrosion cracking of the tubing initiating from the inside diameter of the tubing. An initial temperature reduction of about 4°F was completed in January 1998. Subsequently, plant modifications were effected to yield an additional reduction of 7°F.

**Description of Tables and Appendices**

Table 1 - Summary of the Planned Inspection Program for the Unit 2 Cycle 13 (U2C13) Refueling Outage

Table 2 - List of Nondestructive Examination (NDE) Techniques Utilized for Each Degradation Mechanism for the U2C13 Refueling Outage

Table 3 - Number of Tubes Repaired and Active Degradation Mechanisms Found During the U2C13 Refueling Outage

Table 4 - Summary of Results of In-Situ Pressure and Leak Testing for the U2C13 Refueling Outage

Table 5 - U2C13 Refueling Outage Tubes Plugged, Steam Generator E-088

Table 6 - U2C13 Refueling Outage Tubes Sleeved, Steam Generator E-088

Table 7 - U2C13 Refueling Outage Tubes Plugged, Steam Generator E-089

Table 8 - U2C13 Refueling Outage Tubes Sleeved, 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 2 Cycle 13 (U2C13) Refueling Outage**

| | Number of Tubes/Percentage of Tubes Steam Generator E-088 | Number of Tubes/Percentage of Tubes Steam Generator E-089 |
|---|---|---|
| Full length of tube with the bobbin probe (excluding sleeved regions and U-bends for Rows 1-3) | 8577 / 100% | 8533 / 100% |
| Hot leg expansion transition at the top-of-tubesheet with the Plus-Point Probe (to 16 inches below the expansion transition) | 8577 / 100% | 8533 / 100% |
| Cold leg expansion transition at the top-of-tubesheet with the Plus-Point Probe | 2670 / 31% | 2640 / 30% |
| U-bend regions of Rows 1, 2, and 3 with both mid and high frequency Plus-Point Probes | 181 / 100% | 174 / 100% |
| U-bend regions of Rows 4 through 10 at the U-bend with the mid frequency Plus-Point Probe | 428 / 100% | 432 / 100% |
| Plus-Point Probe examinations of Hot leg scallop bar supports with the above adjacent hot leg square bend and the below one support elevation of tubing freespan | 81 / 20% | 81 / 20% |
| Plus-Point Probe examinations of tube support intersections with dents greater than, or equal to, 2 volts | 2676 / 100% | 1858 / 100% |
| Plus-Point Probe examination of dings greater than, or equal to, 4 volts | 349 / 100% | 325 / 100% |
| Plus-Point Probe examination of all tube support intersections with quantified wear indications by the bobbin probe | 573 / 100% | 661 / 100% |
| Full length of sleeves with the Plus-Point Probe | 252 / 100% | 146 / 100% |

**TABLE 2 – List of Nondestructive Examination (NDE) Techniques Utilized for Each Degradation Mechanism for the U2C13 Refueling Outage**

| Indication Orientation/Location | Probe Type for Detection | Probe Type for Characterization |
|---|---|---|
| Axially oriented ID (initiated on the inside-diameter of the tubing wall) indications at tube support locations | Bobbin<br>Plus-Point (Note 1) | Plus-Point<br>Plus-Point |
| Axially oriented OD (initiated on the outside-diameter of the tubing wall) indications at tube support locations | Bobbin<br>Plus-Point (Note 1) | Plus-Point<br>Plus-Point |
| Axially oriented OD 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 indications in the sludge pile region near 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 |
| Indications of wear at tube support locations | Bobbin | Plus-Point |
| Volumetric indications | Bobbin or Plus-Point | Plus-Point |
| Miscellaneous preventive plugging | Bobbin or Plus-Point | Plus-Point |

Note 1: Plus-Point technique is used at dents with greater than or equal to two volts.

**TABLE 3 – Number of Tubes Repaired and Active Degradation Mechanisms Found During the U2C13 Refueling Outage**

| | Indication Orientation/Location | Steam Generator E-088 | Steam Generator E-089 |
|---|---|---|---|
| 1 | Tubes with axially oriented ID (initiated on the inside-diameter of the tubing wall) indications at tube support locations (ID Axial @ Support) | 5 | 0 |
| 2 | Tubes with axially oriented OD (initiated on the outside-diameter of the tubing wall) indications at tube support locations (OD Axial @ Support) | 30 | 34 |
| 3 | Tubes with axially oriented OD indications not associated with a tube support (freespan) (OD Axial @ Freespan) | 19 | 23 |
| 4 | Tubes with circumferentially oriented ID indications near the expansion transition at the top of the hot leg tubesheet (ID Circ @ TSH) | 29 | 11 |
| 5 | Tubes with circumferentially oriented OD indications near the expansion transition at the top of the hot leg tubesheet (OD Circ @ TSH) | 15 | 15 |
| 6 | Tubes with axially oriented OD indications in the sludge pile region near the top of the hot leg tubesheet (OD Axial @ Sludge Pile TSH) | 15 | 16 |
| 7 | Tubes with axially oriented OD indications near the expansion transition at the top of the hot leg tubesheet (OD Axial @ TSH) | 1 | 1 |
| 8 | Tubes with axially oriented ID indications near the expansion transition at the top of the hot leg tubesheet (ID Axial @ TSH) | 2 | 0 |
| 9 | Tubes with axially oriented ID indications below the inlet top-of-tubesheet (ID Axial below TSH) | 45 | 32 |
| 10 | Tubes with circumferentially oriented ID indications below the inlet top-of-tubesheet (ID Circ below TSH) | 56 | 27 |
| 11 | Tubes with indications of wear at tube support locations (Wear @ Support) | 51 | 31 |
| 12 | Sleeved Tubes with obstructions in the sleeved area (OBS @ Sleeve) | 7 | 3 |
| 13 | Tubes with Data Quality/ALARA complications (Data Quality @ Miscellaneous) | 4 | 1 |
| | **Total** | 279 | 194 |

## TABLE 4 – Summary of Results of In-Situ Pressure and Leak Testing for the U2C13 Refueling Outage

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| TUBE AND EDDY CURRENT INFORMATION | | | | | | | | | IN-SITU TEST RESULTS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| REGION | TUBE INFORMATION | | | PLUS-POINT DATA | | | | | GPM @ NOPD | GPM @ MSLB | GPM @ NOPD POST MSLB | PRESSURE 3xNOPD |
| | ROW | COL | LOCATION | CA | VOLTS | Max. Depth (%) | PDA (%) | ORIENTATION | | | | |
| TUBESHEET | 7 | 135 | TSH - 8.60 | 325 | 6.78 | 100 | 84 | ID CIRC | 0 | 0 | 0 | 0 |
| TUBESHEET | 18 | 134 | TSH - 9.78 | 172 | 2.3 | 100 | 44 | ID CIRC | 0 | 0 | 0 | 0 |

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| TUBE AND EDDY CURRENT INFORMATION | | | | | | | | | IN-SITU TEST RESULTS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| REGION | TUBE INFORMATION | | | PLUS-POINT DATA | | | | | GPM @ NOPD | GPM @ MSLB | GPM @ NOPD POST MSLB | PRESSURE 3xNOPD |
| | ROW | COL | LOCATION | CA | VOLTS | Max. Depth (%) | PDA (%) | ORIENTATION | | | | |
| TUBESHEET | 39 | 127 | TSH - 9.4 | 189 | 13.43 | 96 | 49 | ID CIRC | 0 | 0 | 0 | 0 |

NOTES:

GPM = Gallons per Minute
NOPD = Normal Operation Pressure Differential
MSLB = Main Steam Line Break Pressure Differential
CA = Crack angle, the circumferential extent of a circumferential crack, degrees.
ID = Degradation initiated on the inside diameter of the tubing
PDA = Percent degraded area

**TABLE 5 – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 14 | 12 | (OD Axial @ Support) |
| 38 | 12 | (OD Axial @ Freespan) |
| 39 | 13 | (OD Axial @ Support) |
| 13 | 23 | (ID Axial below TSH) |
| 72 | 24 | (OD Axial @ Support) |
| 37 | 25 | (ID Axial below TSH) |
| 76 | 26 | (OD Axial @ Support) |
| 79 | 27 | (OD Axial @ Support) |
| 98 | 30 | (OD Axial @ Support) |
| 34 | 32 | (ID Circ below TSH) |
| 94 | 32 | (OD Axial @ Support) |
| 59 | 33 | (ID Axial below TSH) |
| 95 | 33 | (OD Axial @ Support) |
| 16 | 34 | (OD Axial @ Freespan) |
| 37 | 35 | (ID Circ below TSH) |
| 8 | 36 | (OBS @ Sleeve) |
| 19 | 39 | (OBS @ Sleeve) |
| 71 | 39 | (OD Axial @ Support) |
| 4 | 40 | (OD Axial @ Support) |
| 34 | 40 | (ID Circ below TSH) |
| 28 | 42 | (ID Axial below TSH) |
| 65 | 47 | (ID Circ below TSH) |
| 24 | 48 | (OBS @ Sleeve) |
| 117 | 49 | (OD Axial @ Freespan) |
| 70 | 50 | (OD Axial @ Freespan) |
| 21 | 51 | (ID Circ below TSH) |
| 25 | 51 | (ID Circ below TSH) |
| 6 | 52 | (OD Axial @ Support) |
| 126 | 52 | (ID Circ below TSH) |
| 49 | 53 | (OD Axial @ Support) |
| 65 | 53 | (ID Circ below TSH) |
| 67 | 53 | (ID Circ below TSH) |
| 4 | 54 | (ID Circ below TSH) |

**TABLE 5 (CONT.) – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 12 | 54 | (ID Circ below TSH) |
| 5 | 55 | (OD Axial @ Support) |
| 75 | 55 | (OD Axial @ Freespan) |
| 93 | 55 | (OD Axial @ Support) |
| 14 | 56 | (ID Axial @ Support) |
| 98 | 56 | (ID Circ below TSH) |
| 25 | 57 | (ID Circ below TSH) |
| 87 | 59 | (ID Circ below TSH) |
| 18 | 60 | (ID Axial below TSH) |
| 44 | 60 | (ID Circ below TSH) |
| 76 | 62 | (ID Axial @ Support) |
| 126 | 62 | (Wear @ Support) |
| 1 | 63 | (OD Axial @ Support) |
| 140 | 66 | (Wear @ Support) |
| 30 | 68 | (OBS @ Sleeve) |
| 33 | 71 | (Wear @ Support) |
| 49 | 71 | (Wear @ Support) |
| 34 | 72 | (Wear @ Support) |
| 128 | 72 | (OD Axial @ Support) |
| 142 | 72 | (Wear @ Support) |
| 49 | 73 | (ID Axial below TSH) |
| 73 | 73 | (Wear @ Support) |
| 143 | 73 | (Wear @ Support) |
| 38 | 74 | (Wear @ Support) |
| 144 | 74 | (Wear @ Support) |
| 43 | 75 | (ID Axial below TSH) |
| 45 | 75 | (Wear @ Support) |
| 46 | 76 | (Wear @ Support) |
| 50 | 76 | (Wear @ Support) |
| 51 | 77 | (Wear @ Support) |
| 49 | 79 | (Wear @ Support) |
| 141 | 79 | (Wear @ Support) |
| 129 | 81 | (OD Axial @ Support) |

**TABLE 5 (CONT.) – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 135 | 81 | (OD Axial @ Support) |
| 141 | 81 | (OD Axial @ Freespan) |
| 145 | 81 | (Wear @ Support) |
| 82 | 82 | (ID Circ below TSH) |
| 142 | 82 | (Wear @ Support) |
| 144 | 82 | (Wear @ Support) |
| 55 | 83 | (Wear @ Support) |
| 87 | 83 | (ID Circ below TSH) |
| 125 | 83 | (Wear @ Support) |
| 135 | 83 | (OD Axial @ Support) |
| 145 | 83 | (Wear @ Support) |
| 58 | 84 | (Wear @ Support) |
| 82 | 84 | (ID Circ below TSH) |
| 146 | 84 | (Wear @ Support) |
| 57 | 85 | (Wear @ Support) |
| 59 | 85 | (Wear @ Support) |
| 65 | 85 | (Wear @ Support) |
| 71 | 85 | (Wear @ Support) |
| 58 | 86 | (Wear @ Support) |
| 86 | 86 | (OBS @ Sleeve) |
| 57 | 87 | (Wear @ Support) |
| 59 | 87 | (ID Axial below TSH) |
| 63 | 87 | (Wear @ Support) |
| 72 | 88 | (Wear @ Support) |
| 144 | 88 | (Wear @ Support) |
| 55 | 89 | (Wear @ Support) |
| 57 | 89 | (Wear @ Support) |
| 52 | 90 | (Wear @ Support) |
| 129 | 93 | (OD Axial @ Support) |
| 147 | 93 | (Wear @ Support) |
| 52 | 94 | (Wear @ Support) |
| 54 | 94 | (ID Axial @ Support) |
| 129 | 95 | (OD Axial @ Freespan) |

**TABLE 5 (CONT.) – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 52 | 96 | (Wear @ Support) |
| 133 | 97 | (OD Axial @ Freespan) |
| 46 | 98 | (Wear @ Support) |
| 48 | 98 | (Wear @ Support) |
| 51 | 99 | (Wear @ Support) |
| 146 | 100 | (Wear @ Support) |
| 36 | 102 | (Wear @ Support) |
| 38 | 102 | (Wear @ Support) |
| 42 | 102 | (Data Quality @ Miscellaneous) |
| 36 | 104 | (Wear @ Support) |
| 46 | 104 | (ID Circ below TSH) |
| 41 | 105 | (Data Quality @ Miscellaneous) |
| 51 | 105 | (ID Circ below TSH) |
| 144 | 106 | (Wear @ Support) |
| 51 | 107 | (ID Axial below TSH) |
| 28 | 108 | (ID Axial below TSH) |
| 48 | 108 | (OD Axial @ Support) |
| 114 | 108 | (OBS @ Sleeve) |
| 97 | 109 | (OD Axial @ Freespan) |
| 46 | 110 | (ID Circ below TSH) |
| 64 | 110 | (ID Axial below TSH) |
| 119 | 111 | (Wear @ Support) |
| 123 | 111 | (Wear @ Support) |
| 23 | 113 | (Data Quality @ Miscellaneous) |
| 29 | 113 | (ID Axial @ Support) |
| 65 | 113 | (ID Circ below TSH) |
| 71 | 113 | (ID Circ below TSH) |
| 22 | 114 | (ID Axial @ Support) |
| 28 | 114 | (OBS @ Sleeve) |
| 68 | 114 | (ID Circ below TSH) |
| 65 | 115 | (ID Circ below TSH) |
| 67 | 115 | (OD Axial @ Freespan) |
| 9 | 119 | (OD Axial @ Support) |

**TABLE 5 (CONT.) – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 74 | 120 | (ID Circ below TSH) |
| 80 | 120 | (OD Axial @ Freespan) |
| 15 | 121 | (OD Axial @ Support) |
| 19 | 121 | (OD Axial @ Support) |
| 25 | 121 | (ID Circ below TSH) |
| 45 | 121 | (ID Circ below TSH) |
| 16 | 122 | (OD Axial @ Freespan) |
| 34 | 122 | (ID Circ below TSH) |
| 34 | 124 | (ID Axial below TSH) |
| 15 | 125 | (OD Axial @ Support) |
| 31 | 125 | (ID Circ below TSH) |
| 69 | 127 | (ID Axial below TSH) |
| 38 | 128 | (OD Axial @ Freespan) |
| 67 | 129 | (OD Axial @ Support) |
| 1 | 131 | (Data Quality @ Miscellaneous) |
| 37 | 133 | (ID Circ below TSH) |
| 18 | 134 | (ID Circ below TSH) |
| 60 | 134 | (ID Circ below TSH) |
| 7 | 135 | (ID Circ below TSH) |
| 18 | 136 | (ID Circ below TSH) |
| 17 | 137 | (OD Axial @ Support) |
| 75 | 139 | (Wear @ Support) |
| 26 | 140 | (ID Circ below TSH) |
| 15 | 143 | (OD Axial @ Freespan) |
| 6 | 144 | (OD Axial @ Support) |
| 74 | 146 | (Wear @ Support) |
| 69 | 149 | (OD Axial @ Freespan) |
| 45 | 151 | (OD Axial @ Freespan) |
| 16 | 152 | (OD Axial @ Freespan) |
| 71 | 155 | (OD Axial @ Support) |
| 72 | 160 | (OD Axial @ Support) |
| 4 | 164 | (ID Axial @ TSH) |
| 25 | 165 | (OD Axial @ Freespan) |
| 26 | 168 | (OD Axial @ Freespan) |

**TABLE 6 – SONGS U2C13 Refueling Outage Tubes Sleeved**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Sleeving Tube (per Table 3) |
|---|---|---|
| 11 | 35 | (ID Axial below TSH) |
| 23 | 35 | (ID Circ @ TSH) |
| 38 | 36 | (ID Circ @ TSH) |
| 25 | 39 | (ID Axial below TSH) |
| 25 | 41 | (OD Circ @ TSH) |
| 18 | 42 | (ID Circ below TSH) |
| 44 | 42 | (ID Axial below TSH) |
| 7 | 43 | (ID Axial below TSH) |
| 16 | 54 | (ID Circ below TSH) |
| 18 | 54 | (ID Circ below TSH) |
| 32 | 54 | (ID Circ below TSH) |
| 27 | 55 | (ID Circ below TSH) |
| 57 | 55 | (ID Circ below TSH) |
| 10 | 56 | (ID Circ below TSH) |
| 16 | 56 | (ID Circ @ TSH) |
| 30 | 56 | (ID Circ below TSH) |
| 46 | 56 | (OD Circ @ TSH) |
| 48 | 56 | (OD Axial @ TSH) |
| 64 | 56 | (ID Axial below TSH) |
| 13 | 57 | (ID Circ below TSH) |
| 23 | 57 | (ID Circ @ TSH) |
| 67 | 57 | (ID Circ @ TSH) |
| 83 | 59 | (ID Circ @ TSH) |
| 18 | 62 | (ID Axial below TSH) |
| 20 | 62 | (OD Circ @ TSH) |
| 11 | 63 | (ID Axial below TSH) |
| 43 | 63 | (ID Axial below TSH) |
| 83 | 63 | (ID Circ @ TSH) |
| 43 | 65 | (ID Axial below TSH) |
| 47 | 65 | (ID Axial below TSH) |
| 59 | 65 | (OD Axial @ Sludge Pile TSH) |
| 64 | 66 | (ID Axial below TSH) |

**TABLE 6 (CONT.) – SONGS U2C13 Refueling Outage Tubes Sleeved**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Sleeving Tube (per Table 3) |
|---|---|---|
| 43 | 67 | (ID Axial below TSH) |
| 48 | 68 | (OD Axial @ Sludge Pile TSH) |
| 78 | 68 | (ID Circ @ TSH) |
| 47 | 69 | (ID Axial below TSH) |
| 48 | 70 | (OD Axial @ Sludge Pile TSH) |
| 53 | 71 | (OD Axial @ Sludge Pile TSH) |
| 56 | 72 | (OD Circ @ TSH) |
| 74 | 74 | (OD Circ @ TSH) |
| 99 | 75 | (ID Circ @ TSH) |
| 53 | 77 | (ID Axial below TSH) |
| 55 | 77 | (OD Axial @ Sludge Pile TSH) |
| 61 | 77 | (OD Axial @ Sludge Pile TSH) |
| 64 | 78 | (OD Axial @ Sludge Pile TSH) |
| 80 | 78 | (OD Circ @ TSH) |
| 53 | 79 | (ID Axial below TSH) |
| 78 | 80 | (ID Circ @ TSH) |
| 63 | 81 | (ID Axial below TSH) |
| 57 | 83 | (OD Axial @ Sludge Pile TSH) |
| 70 | 84 | (OD Axial @ Sludge Pile TSH) |
| 80 | 86 | (ID Circ @ TSH) |
| 59 | 91 | (OD Axial @ Sludge Pile TSH) |
| 63 | 91 | (ID Axial below TSH) |
| 67 | 91 | (OD Circ @ TSH) |
| 77 | 91 | (OD Circ @ TSH) |
| 60 | 92 | (ID Axial below TSH) |
| 68 | 92 | (OD Axial @ Sludge Pile TSH) |
| 68 | 94 | (OD Axial @ Sludge Pile TSH) |
| 53 | 95 | (ID Axial below TSH) |
| 85 | 95 | (ID Circ below TSH) |
| 73 | 97 | (OD Axial @ Sludge Pile TSH) |
| 75 | 97 | (OD Axial @ Sludge Pile TSH) |
| 91 | 97 | (ID Circ @ TSH) |
| 61 | 99 | (OD Circ @ TSH) |
| 89 | 99 | (ID Circ @ TSH) |

**TABLE 6 (CONT.) – SONGS U2C13 Refueling Outage Tubes Sleeved**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Sleeving Tube (per Table 3) |
|---|---|---|
| 51 | 101 | (ID Axial below TSH) |
| 69 | 101 | (ID Circ @ TSH) |
| 49 | 103 | (ID Axial below TSH) |
| 57 | 103 | (ID Axial below TSH) |
| 67 | 103 | (ID Circ @ TSH) |
| 42 | 104 | (ID Axial below TSH) |
| 80 | 104 | (ID Circ @ TSH) |
| 82 | 104 | (ID Circ @ TSH) |
| 47 | 105 | (ID Axial below TSH) |
| 30 | 108 | (ID Axial below TSH) |
| 70 | 108 | (ID Circ @ TSH) |
| 55 | 111 | (OD Axial @ Sludge Pile TSH) |
| 42 | 112 | (ID Axial @ TSH) |
| 50 | 112 | (ID Circ @ TSH) |
| 17 | 113 | (ID Circ below TSH) |
| 43 | 113 | (ID Circ @ TSH) |
| 44 | 114 | (ID Circ below TSH) |
| 46 | 114 | (ID Circ @ TSH) |
| 52 | 114 | (ID Axial below TSH) |
| 82 | 114 | (ID Circ @ TSH) |
| 44 | 116 | (ID Axial below TSH) |
| 60 | 116 | (ID Circ @ TSH) |
| 28 | 118 | (ID Axial below TSH) |
| 30 | 118 | (ID Circ @ TSH) |
| 13 | 119 | (ID Circ @ TSH) |
| 57 | 119 | (ID Circ @ TSH) |
| 75 | 119 | (ID Axial below TSH) |
| 22 | 120 | (ID Axial below TSH) |
| 7 | 121 | (ID Circ below TSH) |
| 13 | 121 | (ID Circ @ TSH) |
| 83 | 121 | (ID Circ below TSH) |
| 42 | 122 | (ID Axial below TSH) |
| 48 | 122 | (OD Circ @ TSH) |

**TABLE 6 (CONT.) – SONGS U2C13 Refueling Outage Tubes Sleeved**
**STEAM GENERATOR E-088**

| Row | Column | Reason for Sleeving Tube (per Table 3) |
|---|---|---|
| 19 | 123 | (ID Circ below TSH) |
| 60 | 126 | (ID Circ @ TSH) |
| 25 | 127 | (ID Circ below TSH) |
| 27 | 127 | (OD Circ @ TSH) |
| 47 | 127 | (ID Circ below TSH) |
| 39 | 131 | (ID Circ below TSH) |
| 10 | 132 | (ID Circ below TSH) |
| 18 | 138 | (ID Circ @ TSH) |
| 7 | 139 | (ID Circ below TSH) |
| 12 | 144 | (ID Axial below TSH) |
| 37 | 147 | (OD Circ @ TSH) |
| 35 | 149 | (OD Circ @ TSH) |
| 65 | 149 | (OD Circ @ TSH) |
| 57 | 151 | (OD Circ @ TSH) |

**TABLE 7 – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-089**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 19 | 9 | (OD Axial @ Support) |
| 4 | 10 | (ID Axial below TSH) |
| 12 | 10 | (OD Axial @ Support) |
| 20 | 10 | (OD Axial @ Freespan) |
| 18 | 14 | (OD Axial @ Support) |
| 48 | 14 | (OD Axial @ Freespan) |
| 13 | 15 | (OD Axial @ Support) |
| 47 | 15 | (OD Axial @ Support) |
| 75 | 17 | (OD Axial @ Support) |
| 67 | 19 | (OD Axial @ Freespan) |
| 68 | 20 | (OD Axial @ Support) |
| 68 | 22 | (OD Axial @ Support) |
| 93 | 31 | (OD Axial @ Freespan) |
| 114 | 34 | (ID Axial below TSH) |
| 9 | 35 | (ID Circ below TSH) |
| 100 | 36 | (OD Axial @ Support) |
| 15 | 37 | (ID Circ below TSH) |
| 112 | 38 | (OD Axial @ Freespan) |
| 103 | 39 | (OD Axial @ Freespan) |
| 36 | 40 | (OD Axial @ Freespan) |
| 38 | 40 | (ID Circ below TSH) |
| 47 | 41 | (ID Axial below TSH) |
| 47 | 45 | (ID Axial below TSH) |
| 65 | 47 | (OD Axial @ Support) |
| 111 | 47 | (OD Axial @ Support) |
| 9 | 49 | (OD Axial @ Support) |
| 110 | 50 | (OD Axial @ Support) |
| 120 | 50 | (OD Axial @ Support) |
| 47 | 51 | (OD Circ @ TSH) |
| 51 | 51 | (ID Circ @ TSH) |
| 62 | 52 | (OD Axial @ Freespan) |
| 1 | 55 | (OD Axial @ Support) |
| 114 | 56 | (OD Axial @ Support) |
| 23 | 57 | (OD Axial @ Support) |
| 22 | 58 | (OD Axial @ Support) |
| 39 | 59 | (OD Axial @ Sludge Pile TSH) |
| 49 | 59 | (OD Axial @ Sludge Pile TSH) |

**TABLE 7 (CONT.) – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-089**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 24 | 60 | (ID Circ @ TSH) |
| 51 | 61 | (OD Axial @ Support) |
| 81 | 61 | (OD Axial @ Freespan) |
| 22 | 62 | (ID Axial below TSH) |
| 9 | 63 | (ID Axial below TSH) |
| 78 | 64 | (ID Axial below TSH) |
| 22 | 66 | (ID Circ below TSH) |
| 78 | 66 | (OD Axial @ Freespan) |
| 39 | 69 | (ID Circ below TSH) |
| 71 | 71 | (ID Axial below TSH) |
| 87 | 71 | (OD Axial @ Support) |
| 74 | 72 | (OBS @ Sleeve) |
| 118 | 72 | (OD Axial @ Freespan) |
| 39 | 73 | (ID Axial below TSH) |
| 45 | 73 | (ID Axial below TSH) |
| 144 | 74 | (Wear @ Support) |
| 37 | 75 | (Wear @ Support) |
| 145 | 75 | (Wear @ Support) |
| 62 | 76 | (OD Axial @ Freespan) |
| 82 | 76 | (ID Circ @ TSH) |
| 114 | 76 | (OBS @ Sleeve) |
| 138 | 76 | (Wear @ Support) |
| 47 | 77 | (Wear @ Support) |
| 49 | 77 | (OD Axial @ Support) |
| 95 | 77 | (ID Axial below TSH) |
| 74 | 78 | (OD Axial @ Sludge Pile TSH) |
| 43 | 79 | (Wear @ Support) |
| 63 | 79 | (Wear @ Support) |
| 75 | 79 | (Wear @ Support) |
| 131 | 79 | (OD Axial @ Support) |
| 50 | 82 | (Wear @ Support) |
| 56 | 82 | (Wear @ Support) |
| 53 | 83 | (Wear @ Support) |
| 57 | 83 | (Wear @ Support) |
| 63 | 83 | (Wear @ Support) |
| 58 | 86 | (Wear @ Support) |

**TABLE 7 (CONT.) – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-089**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 138 | 86 | (OD Axial @ Support) |
| 142 | 86 | (ID Circ below TSH) |
| 146 | 86 | (Wear @ Support) |
| 89 | 87 | (ID Axial below TSH) |
| 136 | 88 | (OD Axial @ Support) |
| 65 | 89 | (Wear @ Support) |
| 58 | 90 | (Wear @ Support) |
| 63 | 91 | (OBS @ Sleeve) |
| 146 | 92 | (Wear @ Support) |
| 54 | 94 | (Wear @ Support) |
| 56 | 94 | (Wear @ Support) |
| 62 | 94 | (Wear @ Support) |
| 146 | 94 | (Wear @ Support) |
| 51 | 95 | (Wear @ Support) |
| 51 | 97 | (Wear @ Support) |
| 146 | 98 | (OD Axial @ Freespan) |
| 49 | 99 | (Wear @ Support) |
| 44 | 100 | (Wear @ Support) |
| 45 | 101 | (Wear @ Support) |
| 47 | 101 | (Wear @ Support) |
| 135 | 101 | (OD Axial @ Support) |
| 25 | 109 | (ID Axial below TSH) |
| 33 | 109 | (Data Quality @ Miscellaneous) |
| 42 | 110 | (Wear @ Support) |
| 108 | 110 | (ID Axial below TSH) |
| 138 | 110 | (ID Axial below TSH) |
| 27 | 111 | (OD Circ @ TSH) |
| 75 | 111 | (Wear @ Support) |
| 89 | 111 | (ID Axial below TSH) |
| 82 | 112 | (ID Axial below TSH) |
| 126 | 112 | (OD Axial @ Support) |
| 21 | 113 | (OD Axial @ Support) |
| 71 | 113 | (OD Axial @ Freespan) |
| 85 | 113 | (ID Axial below TSH) |
| 5 | 115 | (ID Circ below TSH) |
| 127 | 115 | (OD Axial @ Freespan) |

**TABLE 7 (CONT.) – SONGS U2C13 Refueling Outage Tubes Plugged**
**STEAM GENERATOR E-089**

| Row | Column | Reason for Plugging Tube (per Table 3) |
|---|---|---|
| 58 | 116 | (OD Axial @ Support) |
| 90 | 116 | (OD Axial @ Freespan) |
| 2 | 118 | (ID Circ below TSH) |
| 18 | 118 | (ID Circ below TSH) |
| 45 | 119 | (OD Axial @ Freespan) |
| 112 | 120 | (ID Axial below TSH) |
| 102 | 122 | (OD Axial @ Support) |
| 14 | 124 | (ID Axial below TSH) |
| 42 | 124 | (ID Axial below TSH) |
| 4 | 126 | (ID Circ below TSH) |
| 9 | 127 | (ID Circ below TSH) |
| 11 | 127 | (OD Axial @ Support) |
| 29 | 127 | (ID Circ below TSH) |
| 39 | 127 | (ID Circ below TSH) |
| 18 | 128 | (ID Circ below TSH) |
| 112 | 128 | (OD Axial @ Support) |
| 46 | 130 | (ID Axial below TSH) |
| 9 | 131 | (ID Circ below TSH) |
| 81 | 131 | (ID Circ below TSH) |
| 46 | 132 | (OD Axial @ Freespan) |
| 46 | 136 | (OD Axial @ Sludge Pile TSH) |
| 75 | 139 | (ID Axial below TSH) |
| 13 | 141 | (OD Axial @ Freespan) |
| 95 | 141 | (ID Axial below TSH) |
| 66 | 144 | (Wear @ Support) |
| 65 | 151 | (ID Axial below TSH) |
| 24 | 152 | (ID Circ @ TSH) |
| 11 | 159 | (OD Axial @ Support) |
| 26 | 162 | (OD Axial @ Support) |
| 11 | 163 | (OD Axial @ Freespan) |
| 22 | 164 | (OD Axial @ Freespan) |
| 11 | 165 | (OD Axial @ Support) |
| 14 | 166 | (OD Axial @ Freespan) |
| 19 | 167 | (OD Axial @ Freespan) |

**TABLE 8 – SONGS U2C13 Refueling Outage Tubes Sleeved**
**STEAM GENERATOR E-089**

| Row | Column | Reason for Sleeving Tube (per Table 3) |
|---|---|---|
| 56 | 38 | (ID Circ @ TSH) |
| 28 | 42 | (ID Circ @ TSH) |
| 46 | 44 | (ID Axial below TSH) |
| 45 | 47 | (ID Axial below TSH) |
| 16 | 58 | (ID Circ below TSH) |
| 37 | 59 | (OD Circ @ TSH) |
| 20 | 60 | (OD Circ @ TSH) |
| 38 | 60 | (OD Axial @ Sludge Pile TSH) |
| 35 | 61 | (OD Circ @ TSH) |
| 43 | 65 | (OD Circ @ TSH) |
| 64 | 66 | (OD Axial @ Sludge Pile TSH) |
| 39 | 67 | (OD Axial @ TSH) |
| 45 | 67 | (ID Axial below TSH) |
| 67 | 71 | (OD Axial @ Sludge Pile TSH) |
| 46 | 72 | (ID Axial below TSH) |
| 75 | 73 | (OD Axial @ Sludge Pile TSH) |
| 48 | 74 | (OD Circ @ TSH) |
| 78 | 74 | (ID Circ @ TSH) |
| 50 | 78 | (OD Axial @ Sludge Pile TSH) |
| 54 | 78 | (OD Axial @ Sludge Pile TSH) |
| 68 | 84 | (OD Axial @ Sludge Pile TSH) |
| 89 | 85 | (OD Circ @ TSH) |
| 64 | 88 | (OD Circ @ TSH |
| 95 | 93 | (ID Circ below TSH) |
| 83 | 95 | (OD Circ @ TSH) |
| 101 | 97 | (OD Axial @ Sludge Pile TSH) |
| 62 | 100 | (OD Circ @ TSH) |
| 57 | 103 | (ID Circ @ TSH) |
| 106 | 104 | (OD Axial @ Sludge Pile TSH) |
| 116 | 106 | (ID Axial below TSH) |
| 51 | 107 | (OD Circ @ TSH) |
| 97 | 107 | (ID Axial below TSH) |
| 48 | 108 | (OD Axial @ Sludge Pile TSH) |
| 47 | 109 | (OD Axial @ Sludge Pile TSH) |
| 26 | 110 | (OD Axial @ Sludge Pile TSH) |
| 8 | 114 | (ID Circ @ TSH) |

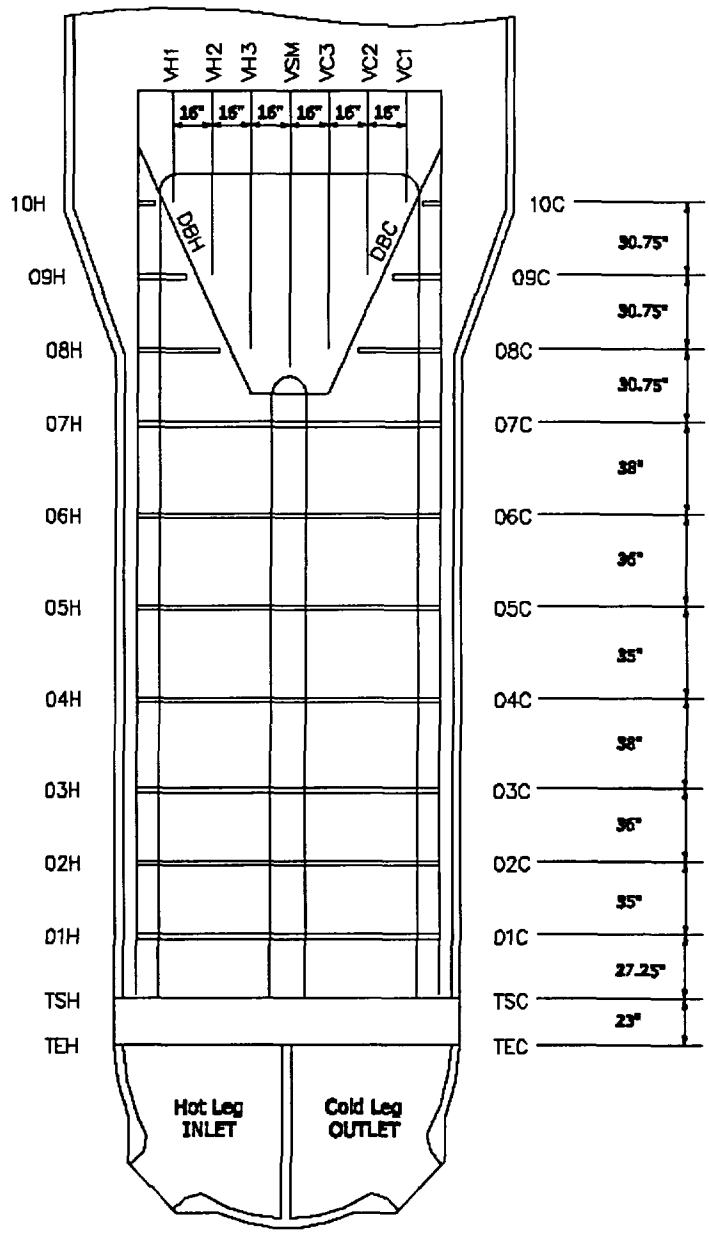
**TABLE 8 (CONT.) – SONGS U2C13 Refueling Outage Tubes Sleeved**
**STEAM GENERATOR E-089**

| Row | Column | Reason for Sleeving Tube (per Table 3) |
|---|---|---|
| 18 | 114 | (OD Circ @ TSH) |
| 35 | 115 | (OD Circ @ TSH) |
| 77 | 115 | (ID Circ below TSH) |
| 38 | 116 | (ID Axial below TSH) |
| 12 | 120 | (ID Circ below TSH) |
| 53 | 125 | (OD Circ @ TSH) |
| 81 | 125 | (ID Circ @ TSH) |
| 36 | 126 | (ID Circ below TSH) |
| 33 | 127 | (ID Circ below TSH) |
| 36 | 132 | (ID Circ below TSH) |
| 36 | 134 | (ID Circ below TSH) |
| 12 | 138 | (ID Circ below TSH) |
| 10 | 140 | (ID Circ below TSH) |
| 9 | 147 | (ID Circ below TSH) |
| 27 | 147 | (ID Circ @ TSH) |

**Appendix 1**

**Steam Generator Reference Information**

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



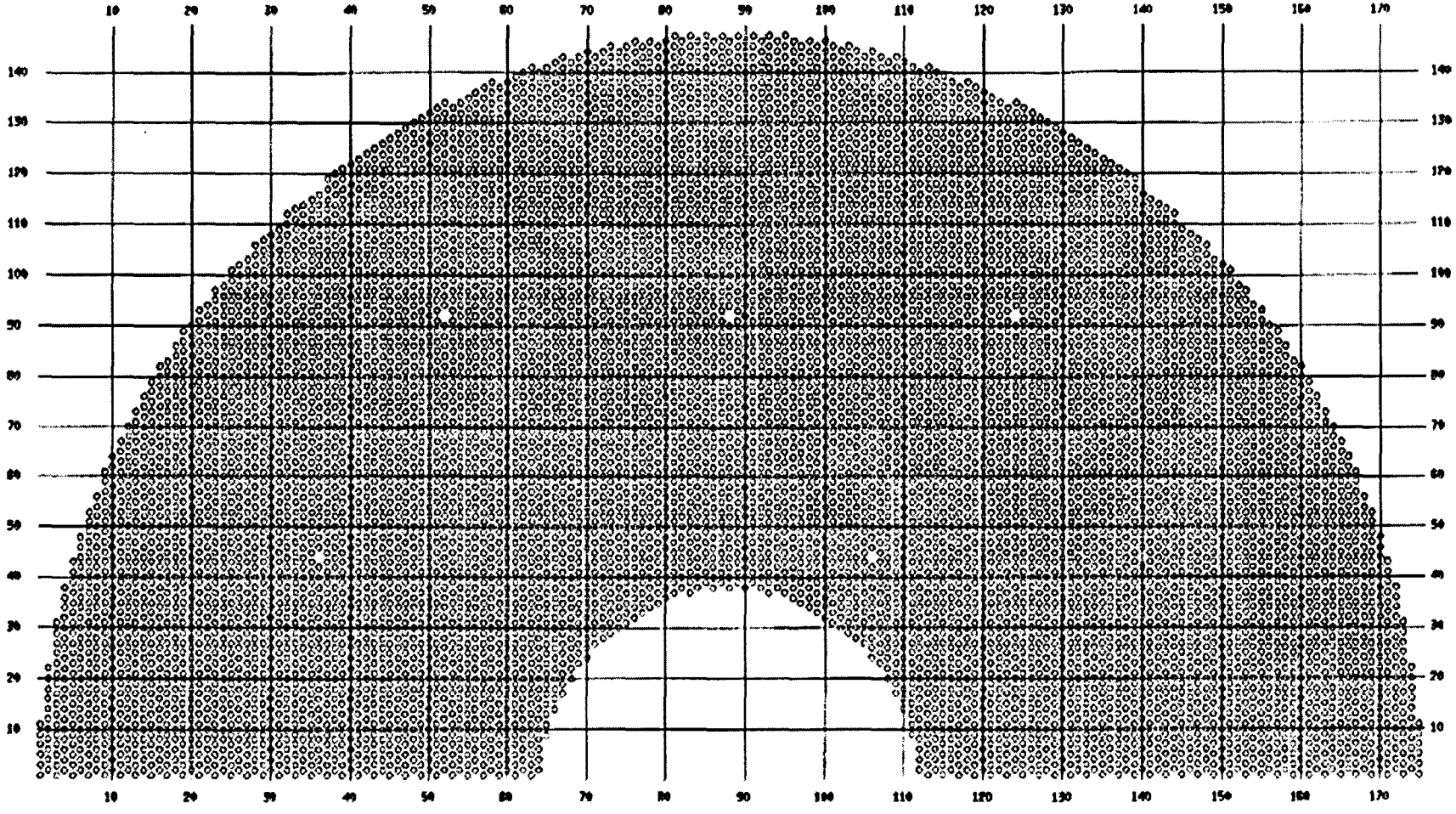
# STEAM GENERATOR TUBE SUPPORT INTERSECTIONS ABOVE THE 7TH (FULL) EGGCRATE SUPPORT

| 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

**SOUTHERN CALIFORNIA EDISON, SAN ONOFRE**

**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 | COL | 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 |

1. 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 or Sleeve Bottom Hot for applicable inspections. Exceptions to this general guidance are provided in paragraphs 2 through 4 below.

2. 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 references from that landmark.

3. 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.

4. Some data lines contain a note abbreviation in the Util 1 column. These are the definitions of these abbreviations.
   LAR: Lead Analyst Reviewed
   LOCOK: Location Verification

**Appendix 3**

**Inspection Summary**

**Steam Generator E-088**

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

QUERY: rpc_icodes_and_0-100%twd

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63 | 0.34 | 119 | 2 | SAI | | DBC | -0.02 | DBC | 07C | 0.26 | | 149 | COLD | 560P2 |
| | | 0.28 | 102 | 5 | SAI | | DBC | +0.15 | 07H | 07C | | | 85 | COLD | 5002P |
| 4 | 40 | 0.53 | 87 | 2 | SAI | | 07C | -0.45 | 07C | 07C | 0.52 | | 134 | COLD | 580PP |
| 4 | 54 | 2.50 | 33 | P 1 | MCI | | TSH | -9.35 | TSH | TSH | 2.33 | 17.77 | 255 | HOT | 580PP |
| 4 | 164 | 0.77 | 20 | 2 | SAI | | TSH | -0.16 | TSH | TSH | 0.00 | 18.61 | 177 | HOT | 580PP |
| 5 | 55 | 0.37 | 131 | 2 | SAI | | 06H | +0.48 | 06H | 06H | 0.14 | | 255 | HOT | 580PP |
| 6 | 52 | 0.32 | 75 | 2 | SAI | | 07H | -0.53 | 07H | 07H | 0.38 | | 256 | HOT | 580PP |
| 6 | 144 | 0.29 | 84 | 2 | SAI | | 07H | -0.35 | 07H | 07H | 0.23 | | 271 | HOT | 580PP |
| 6 | 168 | 0.24 | 128 | P 5 | TWD | 15 | 04H | -0.75 | 04H | 04H | | | 223 | HOT | 580PP |
| 7 | 43 | 0.59 | 22 | 2 | SAI | | TSH | -7.23 | TSH | TSH | 0.0 | 18.39 | 149 | HOT | 580PP |
| 7 | 121 | 0.37 | 23 | P 1 | MCI | | TSH | -3.47 | TSH | TSH | 0.17 | 18.48 | 170 | HOT | 580PP |
| 7 | 135 | 5.73 | 39 | P 1 | MCI | | TSH | -8.60 | TSH | TSH | 11.28 | 18.75 | 174 | HOT | 580PP |
| 7 | 139 | 0.35 | 17 | P 1 | SCI | | TSH | -5.48 | TSH | TSH | 0.14 | 18.50 | 174 | HOT | 580PP |
| 9 | 119 | 0.21 | 112 | 2 | SAI | | 05H | +0.24 | 05H | 05H | 0.00 | | 240 | HOT | 580PP |
| 9 | 123 | 0.35 | 144 | P 2 | TWD | 17 | 05H | -0.36 | TEH | TEC | | | 20 | COLD | 600UL |
| | | 0.22 | 139 | P 2 | TWD | 11 | 04H | -1.13 | TEH | TEC | | | 20 | COLD | 600UL |
| | | 0.40 | 144 | P 2 | TWD | 19 | 04H | +0.90 | TEH | TEC | | | 20 | COLD | 600UL |
| 10 | 56 | 1.06 | 26 | P 1 | SCI | | TSH | -8.84 | TSH | TSH | 1.88 | 18.21 | 256 | HOT | 580PP |
| 10 | 126 | 0.27 | 53 | P 2 | TWD | 15 | 05H | +0.86 | TEH | TEC | | | 19 | COLD | 600UL |
| 10 | 132 | 0.82 | 33 | P 1 | SCI | | TSH | -7.68 | TSH | TSH | 1.51 | 21.00 | 329 | HOT | 580PP |
| 11 | 35 | 0.45 | 21 | 2 | SAI | | TSH | -4.34 | TSH | TSH | 0.0 | 17.68 | 171 | HOT | 580PP |
| 11 | 63 | 0.35 | 17 | 2 | SAI | | TSH | -0.85 | TSH | TSH | 0.00 | 19.35 | 238 | HOT | 580PP |
| 12 | 54 | 4.53 | 51 | P 1 | SCI | | TSH | -10.18 | TSH | TSH | 5.23 | 17.61 | 229 | HOT | 580PP |
| 12 | 144 | 0.51 | 16 | 2 | SAI | | TSH | -2.03 | TSH | TSH | 0.46 | 18.70 | 189 | HOT | 580PP |
| 13 | 9 | 0.43 | 63 | P 2 | TWD | 17 | 05H | -0.12 | TEC | TEH | | | 1 | HOT | 600UL |
| | | 0.19 | 82 | P 5 | TWD | 14 | 05H | -0.10 | 05H | 05H | | | 259 | HOT | 580PP |
| 13 | 23 | 0.95 | 16 | 2 | SAI | | TSH | -12.09 | TSH | TSH | 1.90 | 17.41 | 168 | HOT | 580PP |
| 13 | 57 | 0.44 | 21 | P 1 | SCI | | TSH | -7.23 | TSH | TSH | 0.00 | 17.52 | 235 | HOT | 580PP |
| 13 | 119 | 0.33 | 22 | P 1 | SCI | | TSH | -0.13 | TSH | TSH | 0.11 | 17.53 | 162 | HOT | 580PP |
| 13 | 121 | 0.33 | 21 | P 1 | SCI | | TSH | -0.13 | TSH | TSH | 0.29 | 18.41 | 166 | HOT | 580PP |
| 14 | 12 | 0.23 | 72 | 2 | SAI | | 05H | -0.40 | 05H | 05H | 0.55 | | 259 | HOT | 580PP |
| 14 | 40 | 0.22 | 53 | P 2 | TWD | 12 | 02H | -1.18 | TEC | TEH | | | 18 | HOT | 600UL |
| 14 | 56 | 1.02 | 14 | 2 | SAI | | 05H | +0.71 | 05H | 05H | 0.88 | | 228 | HOT | 580PP |
| 15 | 119 | 0.30 | 96 | P 2 | TWD | 18 | 07C | -0.85 | TEH | TEC | | | 4 | COLD | 600UL |
| | | 0.16 | 114 | P 5 | TWD | 12 | 07C | -0.90 | 07C | 07C | | | 139 | COLD | 580PP |
| 15 | 121 | 0.26 | 102 | 2 | SAI | | 05H | +0.66 | 05H | 05H | 0.52 | | 244 | HOT | 580PP |
| 15 | 125 | 0.14 | 82 | 2 | SAI | | 04H | +0.93 | 04H | 04H | 0.00 | | 245 | HOT | 580PP |
| 15 | 143 | 0.21 | 113 | 2 | SAI | | 01H | +16.82 | 01H | 01H | 0.10 | | 220 | HOT | 580PP |
| | | 4.95 | 38 | P 1 | SCI | | TSH | -10.48 | TSH | TSH | 5.83 | 18.50 | 189 | HOT | 580PP |
| 16 | 20 | 0.21 | 134 | P 3 | TWD | 11 | DBC | +2.21 | TEC | TEH | | | 8 | HOT | 600UL |
| 16 | 34 | 0.43 | 98 | 2 | MAI | | 02H | +3.84 TO+7.59 | 02H | 02H | .60 | | 263 | HOT | 580PP |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 54 | 0.28 | 22 | P 1 | SCI | | TSH | -7.49 | TSH | TSH | 0.23 | 17.44 | 229 | HOT | 580PP |
| 16 | 56 | 0.25 | 24 | P 1 | SCI | | TSH | -0.07 | TSH | TSH | 0.00 | 17.38 | 250 | HOT | 580PP |
| 16 | 122 | 0.14 | 108 | 2 | SAI | | 02H | -1.21 | 02H | 02H | 0.50 | | 245 | HOT | 580PP |
| 16 | 152 | 0.13 | 114 | 2 | SAI | | 02H | +1.11 | 02H | 02H | 0.49 | | 223 | HOT | 580PP |
| | | 0.15 | 84 | 2 | SAI | | 02H | +1.31 | 02H | 02H | 0.30 | | 223 | HOT | 580PP |
| 17 | 113 | 0.43 | 21 | P 1 | MCI | | TSH | -5.53 | TSH | TSH | 0.53 | 19.96 | 157 | HOT | 580PP |
| 17 | 137 | 0.26 | 120 | 2 | SAI | | 06H | +0.08 | 06H | 06H | 0.00 | | 220 | HOT | 580PP |
| 17 | 161 | 0.38 | 150 | P 2 | TWD | 16 | 06H | +0.76 | TEC | TEH | | | 21 | HOT | 600UL |
| 18 | 42 | 1.95 | 32 | P 1 | SCI | | TSH | -7.18 | TSH | TSH | 2.34 | 18.74 | 175 | HOT | 580PP |
| 18 | 44 | 0.29 | 103 | P 3 | TWD | 12 | DBH | -2.18 | TEC | TEH | | | 17 | HOT | 600UL |
| 18 | 54 | 0.34 | 25 | P 1 | SCI | | TSH | -2.06 | TSH | TSH | 0.00 | 17.68 | 228 | HOT | 580PP |
| 18 | 60 | 0.57 | 24 | P 1 | SCI | | TSH | -10.13 | TSH | TSH | 0.14 | 20.04 | 331 | HOT | 580PP |
| | | 0.56 | 14 | 2 | SAI | | TSH | -1.47 | TSH | TSH | 0.00 | | 331 | HOT | 580PP |
| 18 | 62 | 0.41 | 26 | P 1 | MCI | | TSH | -6.78 | TSH | TSH | 0.00 | 17.79 | 235 | HOT | 580PP |
| | | 0.49 | 7 | 2 | SAI | | TSH | -1.80 | TSH | TSH | 0.00 | | 235 | HOT | 580PP |
| | | 0.45 | 17 | 2 | SAI | | TSH | -1.14 | TSH | TSH | 0.00 | | 235 | HOT | 580PP |
| | | 0.27 | 15 | 2 | SAI | | TSH | -0.99 | TSH | TSH | 0.00 | | 235 | HOT | 580PP |
| 18 | 134 | 2.18 | 40 | P 1 | SCI | | TSH | -9.76 | TSH | TSH | 2.99 | 18.41 | 181 | HOT | 580PP |
| 18 | 136 | 3.38 | 37 | P 1 | SCI | | TSH | -12.11 | TSH | TSH | 4.35 | 18.48 | 181 | HOT | 580PP |
| 18 | 138 | 0.26 | 27 | P 1 | SCI | | TSH | -0.15 | TSH | TSH | 0.00 | 18.23 | 189 | HOT | 580PP |
| 19 | 25 | 0.32 | 26 | P 2 | TWD | 17 | 01H | -0.36 | TEC | TEH | | | 8 | HOT | 600UL |
| 19 | 111 | 0.13 | 119 | P 5 | TWD | 14 | VSM | -0.90 | VSM | DBC | | | 170 | COLD | 560P2 |
| | | 0.34 | 4 | P 3 | TWD | 19 | DBC | +2.25 | TEH | TEC | LAR | | 6 | COLD | 600UL |
| 19 | 121 | 0.39 | 131 | 2 | SAI | | 05H | +0.00 | 05H | 05H | 0.52 | | 244 | HOT | 580PP |
| 19 | 123 | 0.37 | 18 | P 1 | SCI | | TSH | -3.68 | TSH | TSH | 0.31 | 17.87 | 165 | HOT | 580PP |
| 19 | 135 | 0.34 | 141 | P 3 | TWD | 13 | DBH | +2.10 | TEC | TEH | | | 11 | HOT | 600UL |
| 19 | 159 | 0.23 | 61 | P 2 | TWD | 11 | 04H | +0.84 | TEC | TEH | | | 21 | HOT | 600UL |
| 20 | 62 | 0.19 | 57 | P 1 | SCI | | TSH | -0.02 | TSH | TSH | 0.0 | 18.18 | 234 | HOT | 580PP |
| 20 | 68 | 0.30 | 39 | P 3 | TWD | 17 | DBH | -1.61 | TEH | TEC | | | 32 | COLD | 600UL |
| | | 0.37 | 98 | P 5 | TWD | 25 | DBH | -1.94 | DBH | DBH | AIC | | 147 | COLD | 560P2 |
| 20 | 108 | 0.18 | 44 | P 3 | TWD | 8 | DBH | -1.55 | TEH | TEC | | | 8 | COLD | 600UL |
| | | 0.37 | 93 | P 5 | TWD | 18 | DBH | -1.77 | 07H | DBH | | | 377 | HOT | 560P2 |
| | | 0.34 | 88 | P 5 | TWD | 25 | DBH | -1.69 | DBH | DBH | | | 170 | COLD | 560P2 |
| 21 | 51 | 0.67 | 32 | P 1 | SCI | | TSH | -13.13 | TSH | TSH | 0.43 | 20.41 | 222 | HOT | 580PP |
| 21 | 61 | 0.29 | 145 | P 3 | TWD | 15 | DBH | +1.97 | TEH | TEC | | | 29 | COLD | 600UL |
| 22 | 114 | 1.22 | 13 | 2 | SAI | | 06H | +0.61 | 05H | 06H | 0.00 | | 346 | HOT | 500P2 |
| 22 | 120 | 0.53 | 16 | 2 | SAI | | TSH | -2.06 | TSH | TSH | 0.70 | 17.50 | 162 | HOT | 580PP |
| 23 | 35 | 0.58 | 24 | P 1 | SCI | | TSH | -0.11 | TSH | TSH | 0.0 | 17.94 | 171 | HOT | 580PP |
| 23 | 57 | 0.44 | 30 | P 1 | SCI | | TSH | -0.14 | TSH | TSH | 0.86 | 18.30 | 232 | HOT | 580PP |
| 23 | 109 | 0.27 | 106 | P 2 | TWD | 14 | VSM | +0.74 | TEH | TEC | | | 7 | COLD | 600UL |
| | | 0.22 | 140 | P 5 | TWD | 20 | VSM | +0.99 | VSM | VSM | | | 170 | COLD | 560P2 |
| 23 | 125 | 0.30 | 76 | P 2 | TWD | 16 | 07H | -0.21 | TEH | TEC | | | 3 | COLD | 600UL |
| 24 | 14 | 0.24 | 73 | P 2 | TWD | 13 | VSM | +0.99 | TEC | TEH | | | 2 | HOT | 600UL |
| | | 0.23 | 92 | P 5 | TWD | 14 | VSM | +0.93 | VSM | VSM | | | 144 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | 68 | 0.38 | 45 | P 2 | TWD | 19 | 06H | +0.88 | TEH | TEC | | | 32 | COLD | 600UL |
| 25 | 39 | 0.37 | 11 | 2 | SAI | | TSH | -6.56 | TSH | TSH | 0.46 | 18.37 | 176 | HOT | 580PP |
| 25 | 41 | 0.19 | 121 | P 1 | MCI | | TSH | -0.03 | TSH | TSH | 0.40 | 18.47 | 176 | HOT | 580PP |
| 25 | 51 | 2.02 | 38 | P 1 | SCI | | TSH | -9.88 | TSH | TSH | 2.83 | 20.53 | 222 | HOT | 580PP |
| 25 | 57 | 0.24 | 15 | P 1 | SCI | | TSH | -9.83 | TSH | TSH | 0.17 | 17.94 | 233 | HOT | 580PP |
| 25 | 121 | 0.80 | 27 | P 1 | SCI | | TSH | -10.70 | TSH | TSH | 0.81 | 18.55 | 165 | HOT | 580PP |
| | | 0.68 | 30 | P 1 | SCI | | TSH | -10.25 | TSH | TSH | 0.64 | | 165 | HOT | 580PP |
| 25 | 127 | 0.60 | 21 | P 1 | SCI | | TSH | -6.20 | TSH | TSH | 0.24 | 18.46 | 170 | HOT | 580PP |
| 25 | 165 | 0.18 | 75 | 2 | SAI | | 05H | +12.15 | 05H | 05H | 0.44 | | 223 | HOT | 580PP |
| 26 | 140 | 1.97 | 36 | P 1 | SCI | | TSH | -13.39 | TSH | TSH | 1.87 | 18.21 | 189 | HOT | 580PP |
| | | 0.80 | 30 | P 1 | SCI | | TSH | -7.93 | TSH | TSH | 0.63 | | 189 | HOT | 580PP |
| | | 0.51 | 29 | P 1 | SCI | | TSH | -5.12 | TSH | TSH | 0.57 | | 189 | HOT | 580PP |
| 26 | 146 | 0.22 | 126 | P 3 | TWD | 15 | DBH | +1.92 | TEC | TEH | | | 16 | HOT | 600UL |
| 26 | 168 | 0.12 | 82 | 2 | SAI | | 06H | +13.09 | 06H | 06H | 0.35 | | 223 | HOT | 580PP |
| 27 | 55 | 0.38 | 17 | P 1 | SCI | | TSH | -2.00 | TSH | TSH | 0.40 | 18.43 | 228 | HOT | 580PP |
| 27 | 127 | 0.54 | 66 | P 1 | SCI | | TSH | -0.07 | TSH | TSH | 0.47 | 17.86 | 169 | HOT | 580PP |
| 27 | 145 | 0.24 | 160 | P 3 | TWD | 17 | DBH | +1.55 | TEC | TEH | | | 16 | HOT | 600UL |
| 28 | 36 | 0.26 | 76 | P 2 | TWD | 12 | 01H | +0.84 | TEC | TEH | | | 17 | HOT | 600UL |
| 28 | 42 | 0.36 | 14 | 2 | SAI | | TSH | -16.49 | TSH | TSH | 0.00 | 18.48 | 176 | HOT | 580PP |
| 28 | 108 | 0.64 | 21 | 2 | SAI | | TSH | -12.55 | TSH | TSH | 1.02 | | 152 | HOT | 580PP |
| | | 0.88 | 21 | 2 | SAI | | TSH | -13.55 | TSH | TSH | 1.09 | 19.73 | 152 | HOT | 580PP |
| | | 2.66 | 29 | 2 | SAI | | TSH | -11.22 | TSH | TSH | 3.92 | | 152 | HOT | 580PP |
| 28 | 118 | 0.45 | 13 | 2 | SAI | | TSH | -1.78 | TSH | TSH | 0.00 | 17.39 | 162 | HOT | 580PP |
| 29 | 113 | 0.67 | 8 | 2 | SAI | | 04H | +0.01 | 04H | 04H | 0.00 | | 252 | HOT | 580PP |
| 30 | 40 | 0.41 | 72 | P 2 | TWD | 19 | 02H | -1.24 | TEC | TEH | | | 18 | HOT | 600UL |
| 30 | 56 | 0.46 | 17 | P 1 | SCI | | TSH | -3.61 | TSH | TSH | 0.41 | 18.93 | 330 | HOT | 580PP |
| 30 | 108 | 0.54 | 14 | 2 | SAI | | TSH | -1.17 | TSH | TSH | 0.0 | 20.27 | 156 | HOT | 580PP |
| 30 | 118 | 0.46 | 15 | P 1 | SCI | | TSH | -0.07 | TSH | TSH | 0.26 | 17.34 | 161 | HOT | 580PP |
| 31 | 11 | 0.33 | 82 | P 3 | TWD | 13 | DBH | +1.27 | TEC | TEH | | | 1 | HOT | 600UL |
| | | 0.16 | 84 | P 5 | TWD | 10 | DBH | +1.53 | DBH | DBH | | | 144 | COLD | 560P2 |
| 31 | 125 | 1.47 | 35 | P 1 | SCI | | TSH | -14.41 | TSH | TSH | 2.21 | 17.96 | 165 | HOT | 580PP |
| | | 0.98 | 29 | P 1 | SCI | | TSH | -11.92 | TSH | TSH | 1.07 | | 165 | HOT | 580PP |
| 31 | 141 | 0.30 | 98 | P 2 | TWD | 19 | 01H | +0.86 | TEC | TEH | | | 16 | HOT | 600UL |
| 32 | 54 | 0.77 | 27 | P 1 | SCI | | TSH | -0.32 | TSH | TSH | 0.88 | 18.20 | 228 | HOT | 580PP |
| 33 | 71 | 0.84 | 95 | P 5 | TWD | 37 | DBC | -1.95 | DBC | DBC | AIC | | 155 | COLD | 560P2 |
| | | 0.29 | 101 | P 5 | TWD | 16 | DBH | -1.89 | DBH | DBH | | | 155 | COLD | 560P2 |
| | | 0.78 | 92 | P 5 | TWD | 38 | DBC | -1.74 | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.59 | 144 | P 3 | TWD | 27 | DBC | -1.95 | TEH | TEC | | | 32 | COLD | 600UL |
| | | 0.10 | 22 | P 3 | TWD | 7 | DBH | -1.74 | TEH | TEC | LAR | | 32 | COLD | 600UL |
| 33 | 105 | 0.19 | 102 | P 3 | TWD | 12 | DBH | -1.88 | TEH | TEC | | | 8 | COLD | 600UL |
| | | 0.19 | 92 | P 3 | TWD | 9 | DBC | -1.97 | TEH | TEC | | | 8 | COLD | 600UL |
| | | 0.32 | 95 | P 5 | TWD | 21 | DBH | -2.05 | DBH | DBH | | | 169 | COLD | 560P2 |
| | | 0.17 | 84 | P 5 | TWD | 13 | DBC | +1.47 | DBC | DBC | | | 169 | COLD | 560P2 |
| | | 0.33 | 99 | P 5 | TWD | 22 | DBC | -1.80 | DBC | DBC | | | 169 | COLD | 560P2 |
| 33 | 159 | 0.26 | 83 | P 2 | TWD | 12 | 07H | -0.84 | TEC | TEH | | | 21 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34 | 32 | 0.75 | 22 | P 1 | SCI | | TSH -9.76 | | TSH | TSH | 0.54 | | 171 | HOT | 580PP |
| | | 0.85 | 22 | P 1 | SCI | | TSH -11.92 | | TSH | TSH | 1.13 | | 171 | HOT | 580PP |
| | | 1.82 | 31 | P 1 | SCI | | TSH -14.60 | | TSH | TSH | 3.19 | | 171 | HOT | 580PP |
| | | 1.06 | 26 | P 1 | SCI | | TSH -9.20 | | TSH | TSH | 1.09 | 17.93 | 171 | HOT | 580PP |
| 34 | 40 | 0.59 | 20 | P 1 | SCI | | TSH -11.64 | | TSH | TSH | 1.01 | | 176 | HOT | 580PP |
| | | 0.64 | 22 | P 1 | SCI | | TSH -12.06 | | TSH | TSH | 1.09 | | 176 | HOT | 580PP |
| | | 0.43 | 18 | P 1 | SCI | | TSH -14.24 | | TSH | TSH | 0.65 | | 176 | HOT | 580PP |
| | | 0.40 | 13 | P 1 | SCI | | TSH -15.31 | | TSH | TSH | 0.68 | 18.83 | 176 | HOT | 580PP |
| 34 | 72 | 1.26 | 85 | P 5 | TWD | 44 | DBC +1.68 | | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.87 | 92 | P 3 | TWD | 33 | DBC +2.08 | | TEH | TEC | | | 32 | COLD | 600UL |
| 34 | 116 | 0.21 | 44 | P 2 | TWD | 14 | VSM -0.86 | | TEH | TEC | | | 6 | COLD | 600UL |
| 34 | 122 | 0.26 | 20 | P 1 | SCI | | SBH -0.72 | | SBH | SBH | 0.41 | 6.38 | 343 | HOT | 520ET |
| 34 | 124 | 0.30 | 25 | P 1 | SCI | | TSH -11.40 | | TSH | TSH | 1.04 | 17.96 | 165 | HOT | 580PP |
| | | 1.05 | 22 | 2 | SAI | | TSH -10.42 | | TSH | TSH | 2.20 | | 165 | HOT | 580PP |
| | | 0.46 | 14 | 2 | SAI | | TSH -10.18 | | TSH | TSH | 0.65 | | 165 | HOT | 580PP |
| | | 0.38 | 14 | 2 | SAI | | TSH -9.83 | | TSH | TSH | 0.62 | | 165 | HOT | 580PP |
| | | 0.44 | 17 | 2 | SAI | | TSH -9.68 | | TSH | TSH | 0.66 | | 165 | HOT | 580PP |
| | | 0.52 | 19 | 2 | SAI | | TSH -9.47 | | TSH | TSH | 0.55 | | 165 | HOT | 580PP |
| | | 0.56 | 18 | 2 | SAI | | TSH -8.07 | | TSH | TSH | 0.49 | | 165 | HOT | 580PP |
| | | 0.48 | 11 | 2 | SAI | | TSH -6.65 | | TSH | TSH | 0.23 | | 165 | HOT | 580PP |
| | | 0.37 | 15 | 2 | SAI | | TSH -4.37 | | TSH | TSH | 0.52 | | 165 | HOT | 580PP |
| 34 | 162 | 0.36 | 102 | P 2 | TWD | 16 | 04H -0.80 | | TEC | TEH | | | 21 | HOT | 600UL |
| 35 | 25 | 0.74 | 87 | P 2 | TWD | 29 | VSM -0.93 | | TEC | TEH | | | 8 | HOT | 600UL |
| | | 0.23 | 38 | P 2 | TWD | 13 | VSM +0.88 | | TEC | TEH | | | 8 | HOT | 600UL |
| | | 0.53 | 94 | P 5 | TWD | 30 | VSM -0.90 | | VSM | VSM | | | 150 | COLD | 560P2 |
| | | 0.15 | 97 | P 5 | TWD | 10 | VSM +0.88 | | VSM | VSM | | | 150 | COLD | 560P2 |
| 35 | 27 | 0.29 | 137 | P 2 | TWD | 13 | VSM +0.98 | | TEC | TEH | | | 7 | HOT | 600UL |
| 35 | 71 | 0.65 | 88 | P 5 | TWD | 32 | DBC -1.58 | | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.38 | 85 | P 3 | TWD | 17 | DBC -1.40 | | TEH | TEC | | | 31 | COLD | 600UL |
| 35 | 149 | 0.29 | 122 | P 1 | SCI | | TSH -0.03 | | TSH | TSH | 0.00 | 18.01 | 193 | HOT | 580PP |
| 35 | 155 | 0.12 | 32 | P 3 | TWD | 10 | DBH +1.43 | | TEC | TEH | | | 22 | HOT | 600UL |
| 36 | 102 | 1.27 | 55 | P 3 | TWD | 40 | DBC +1.77 | | TEH | TEC | | | 8 | COLD | 600UL |
| | | 1.58 | 77 | P 5 | TWD | 54 | DBC -1.90 | TO+2.00 | DBC | DBC | APN | | 174 | COLD | 560P2 |
| 36 | 104 | 0.78 | 127 | P 5 | TWD | 43 | DBH -1.73 | | DBH | DBH | | | 166 | COLD | 560P2 |
| | | 0.84 | 83 | P 3 | TWD | 34 | DBH -1.73 | | STH | TEC | | | 58 | COLD | 600UL |
| 37 | 25 | 0.60 | 18 | 2 | SAI | | TSH -17.22 | | TSH | TSH | 1.19 | 17.85 | 168 | HOT | 580PP |
| | | 0.27 | 16 | 2 | SAI | | TSH -17.40 | | TSH | TSH | 0.80 | | 168 | HOT | 580PP |
| 37 | 35 | 0.37 | 20 | P 1 | SCI | | TSH -9.83 | | TSH | TSH | 0.19 | 18.02 | 172 | HOT | 580PP |
| 37 | 47 | 0.37 | 128 | P 2 | TWD | 19 | VSM +0.83 | | TEC | TEH | | | 131 | HOT | 600UL |
| | | 0.33 | 94 | P 5 | TWD | 21 | VSM +0.83 | | VSM | VSM | | | 150 | COLD | 560P2 |
| 37 | 61 | 0.29 | 98 | P 5 | TWD | 20 | VSM +1.03 | | VSM | VSM | | | 149 | COLD | 560P2 |
| | | 0.26 | 140 | P 2 | TWD | 14 | VSM +0.96 | | TEH | TEC | | | 29 | COLD | 600UL |
| 37 | 133 | 5.55 | 38 | P 1 | SCI | | TSH -11.87 | | TSH | TSH | 5.94 | 18.37 | 181 | HOT | 580PP |
| 37 | 147 | 0.16 | 134 | P 1 | SCI | | TSH +0.01 | | TSH | TSH | 0.00 | 17.91 | 194 | HOT | 580PP |
| 38 | 12 | 0.65 | 26 | P 2 | TWD | 23 | 06H +0.53 | | TEC | TEH | | | 1 | HOT | 600UL |
| | | 0.13 | 87 | 2 | MAI | | 06H +3.98 | TO+4.86 | 06H | 06H | 0.0 | | 259 | HOT | 580PP |
| 38 | 24 | 0.37 | 92 | P 2 | TWD | 16 | VSM -0.68 | | TEC | TEH | | | 7 | HOT | 600UL |
| 38 | 36 | 0.39 | 21 | P 1 | SCI | | TSH -0.13 | | TSH | TSH | 0.17 | 17.97 | 175 | HOT | 580PP |
| 38 | 74 | 1.26 | 89 | P 5 | TWD | 47 | DBH -1.99 | TO+2.13 | DBH | DBH | | | 155 | COLD | 560P2 |
| | | 0.29 | 72 | P 5 | TWD | 17 | DBC +1.64 | | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.83 | 87 | P 5 | TWD | 37 | DBC +2.00 | | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 1.11 | 41 | P 3 | TWD | 31 | DBC +1.72 | | TEH | TEC | | | 33 | COLD | 600UL |
| | | 1.24 | 112 | P 3 | TWD | 33 | DBH +0.00 | | TEH | TEC | LAR | LOCOK | 33 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 102 | 1.09 | 116 | P 3 | TWD | 33 | DBC +1.72 | | TEH | TEC | | | 7 | COLD | 600UL |
| | | 0.46 | 123 | P 3 | TWD | 20 | DBC +1.35 | | TEH | TEC | | | 7 | COLD | 600UL |
| | | 1.12 | 88 | P 5 | TWD | 45 | DBC -2.00 | TO+2.00 | DBC | DBC | | | 169 | COLD | 560P2 |
| 38 | 104 | 0.15 | 137 | P 5 | TWD | 15 | DBH -1.82 | | DBH | DBH | | | 169 | COLD | 560P2 |
| 38 | 128 | 0.07 | 114 | 2 | MAI | | 01H +11.40 | TO+21.98 | 01H | 01H | 0.0 | | 244 | HOT | 580PP |
| 39 | 13 | 0.31 | 138 | P 2 | TWD | 16 | VSM +0.10 | | TEC | TEH | | | 2 | HOT | 600UL |
| | | 0.14 | 104 | 2 | SAI | | VSM +0.08 | | VSM | VSM | | | 375 | HOT | 560P2 |
| 39 | 103 | 0.46 | 135 | P 5 | TWD | 34 | DBC +1.80 | | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.37 | 65 | P 3 | TWD | 21 | DBC +1.80 | | STH | TEC | | | 58 | COLD | 600UL |
| 39 | 127 | 0.33 | 55 | P 2 | TWD | 19 | VSM -0.86 | | TEH | TEC | | | 4 | COLD | 600UL |
| 39 | 131 | 0.25 | 20 | P 1 | SCI | | TSH -0.21 | | TSH | TSH | 0.13 | 18.40 | 181 | HOT | 580PP |
| 39 | 155 | 0.11 | 11 | P 3 | TWD | 10 | DBH -1.12 | | TEC | TEH | | | 22 | HOT | 600UL |
| 40 | 72 | 0.23 | 86 | P 2 | TWD | 13 | VSM +0.90 | | TEH | TEC | | | 32 | COLD | 600UL |
| 40 | 156 | 0.33 | 94 | P 2 | TWD | 15 | VSM +0.80 | | TEC | TEH | | | 21 | HOT | 600UL |
| 41 | 39 | 0.25 | 141 | P 2 | TWD | 13 | 03H -1.19 | | TEC | TEH | | | 18 | HOT | 600UL |
| 41 | 73 | 0.26 | 93 | P 5 | TWD | 15 | VSM +0.92 | | VSM | VSM | | | 155 | COLD | 560P2 |
| | | 0.31 | 130 | P 2 | TWD | 17 | VSM +0.95 | | TEH | TEC | | | 34 | COLD | 600UL |
| 41 | 101 | 0.56 | 91 | P 5 | TWD | 31 | DBC +1.91 | | DBC | DBC | | | 169 | COLD | 560P2 |
| | | 0.23 | 93 | P 3 | TWD | 17 | DBC +2.00 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.14 | 153 | P 2 | TWD | 11 | VSM -0.80 | | TEC | TEH | | | 6 | HOT | 600UL |
| 41 | 157 | 0.31 | 23 | P 3 | TWD | 22 | DBH +0.17 | | TEC | TEH | | | 22 | HOT | 600UL |
| 42 | 74 | 0.55 | 85 | P 5 | TWD | 29 | DBC +1.88 | | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.53 | 86 | P 5 | TWD | 29 | DBC -1.77 | | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.29 | 106 | P 3 | TWD | 16 | DBC -2.00 | | TEH | TEC | | | 34 | COLD | 600UL |
| | | 0.33 | 37 | P 3 | TWD | 18 | DBC +1.56 | | TEH | TEC | | | 34 | COLD | 600UL |
| 42 | 104 | 0.54 | 23 | 2 | SAI | | TSH -4.45 | | TSH | TSH | 1.05 | 19.76 | 152 | HOT | 580PP |
| 42 | 106 | 0.51 | 122 | P 2 | TWD | 22 | VSM -0.70 | | TEH | TEC | | | 7 | COLD | 600UL |
| | | 0.43 | 98 | P 5 | TWD | 26 | VSM -0.92 | | VSM | VSM | | | 169 | COLD | 560P2 |
| | | 0.20 | 90 | P 5 | TWD | 14 | VSM -0.10 | | VSM | VSM | | | 169 | COLD | 560P2 |
| 42 | 112 | 0.57 | 13 | 2 | SAI | | TSH -0.09 | | TSH | TSH | 0.26 | 19.37 | 157 | HOT | 580PP |
| 42 | 122 | 0.51 | 13 | 2 | SAI | | TSH -2.60 | | TSH | TSH | 0.00 | 18.33 | 165 | HOT | 580PP |
| 42 | 152 | 0.27 | 142 | P 3 | TWD | 19 | DBC +1.33 | | TEC | TEH | | | 20 | HOT | 600UL |
| 42 | 158 | 0.11 | 84 | P 3 | TWD | 10 | DBH +1.28 | | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.14 | 99 | P 5 | TWD | 14 | DBH +1.90 | | DBH | DBH | | | 175 | COLD | 560P2 |
| 42 | 160 | 0.31 | 150 | P 3 | TWD | 22 | DBC +0.86 | | TEC | TEH | | | 22 | HOT | 600UL |
| 42 | 170 | 0.33 | 155 | P 3 | TWD | 22 | DBC +1.30 | | TEC | TEH | | | 26 | HOT | 600UL |
| 43 | 19 | 0.60 | 89 | P 2 | TWD | 25 | 02H +0.86 | | TEC | TEH | | | 8 | HOT | 600UL |
| | | 0.25 | 120 | P 5 | TWD | 14 | 02H +0.82 | | 02H | 02H | | | 259 | HOT | 580PP |
| 43 | 21 | 0.34 | 39 | P 2 | TWD | 17 | 05H +0.82 | | TEC | TEH | | | 8 | HOT | 600UL |
| 43 | 51 | 0.73 | 118 | P 2 | TWD | 29 | VSM +0.85 | | TEC | TEH | | | 131 | HOT | 600UL |
| | | 0.47 | 95 | P 5 | TWD | 28 | VSM +0.93 | | VSM | VSM | | | 150 | COLD | 560P2 |
| 43 | 57 | 0.29 | 96 | P 3 | TWD | 18 | DBC +1.59 | | STH | TEC | | | 58 | COLD | 600UL |
| | | 0.35 | 84 | P 5 | TWD | 22 | DBC +1.80 | | DBC | DBC | | | 150 | COLD | 560P2 |
| 43 | 63 | 0.65 | 18 | 2 | SAI | | TSH -2.93 | | TSH | TSH | 0.49 | 17.36 | 239 | HOT | 580PP |
| 43 | 65 | 0.60 | 14 | 2 | SAI | | TSH -3.99 | | TSH | TSH | 0.57 | 19.52 | 238 | HOT | 580PP |
| | | 0.66 | 16 | 2 | SAI | | TSH -3.85 | | TSH | TSH | 0.37 | | 238 | HOT | 580PP |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | 67 | 0.46 | 15 | 2 | SAI | | TSH -1.32 | | TSH | TSH | 0.00 | 17.42 | 239 | HOT | 580PP |
| 43 | 75 | 0.41 | 86 | P 5 | TWD | 24 | VSM +0.95 | | VSM | VSM | | | 155 | COLD | 560P2 |
| | | 1.30 | 86 | P 5 | TWD | 46 | DBC +1.81 | | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.67 | 106 | P 2 | TWD | 29 | VSM +0.84 | | TEH | TEC | | | 34 | COLD | 600UL |
| | | 0.80 | 120 | P 3 | TWD | 32 | DBC +2.00 | | TEH | TEC | | | 34 | COLD | 600UL |
| | | 0.39 | 15 | 2 | SAI | | TSH -7.25 | | TSH | TSH | 0.57 | 17.29 | 219 | HOT | 580PP |
| 43 | 101 | 0.21 | 98 | P 5 | TWD | 15 | DBC +1.90 | | DBC | DBC | | | 169 | COLD | 560P2 |
| | | 0.31 | 99 | P 5 | TWD | 21 | DBC -1.65 | | DBC | DBC | | | 169 | COLD | 560P2 |
| | | 0.29 | 83 | P 3 | TWD | 13 | DBC -1.78 | | TEC | TEH | | | 5 | HOT | 600UL |
| 43 | 113 | 0.81 | 16 | 2 | SAI | | TSH -2.97 | | TSH | TSH | 0.85 | 19.56 | 157 | HOT | 580PP |
| | | 0.47 | 33 | P 1 | SCI | | TSH -0.13 | | TSH | TSH | 0.60 | 19.56 | 157 | HOT | 580PP |
| 43 | 125 | 0.20 | 89 | P 5 | TWD | 15 | VSM -0.83 | | VSM | VSM | | | 170 | COLD | 560P2 |
| | | 0.40 | 127 | P 2 | TWD | 22 | VSM -0.83 | | TEH | TEC | | | 4 | COLD | 600UL |
| 43 | 149 | 0.25 | 157 | P 3 | TWD | 18 | DBC +2.25 | | TEC | TEH | | | 20 | HOT | 600UL |
| 44 | 42 | 0.50 | 13 | 2 | SAI | | TSH -1.13 | | TSH | TSH | .19 | 18.50 | 180 | HOT | 580PP |
| 44 | 54 | 0.28 | 80 | P 2 | TWD | 15 | 02H -0.13 | | TEH | TEC | | | 28 | COLD | 600UL |
| 44 | 58 | 0.25 | 102 | P 5 | TWD | 17 | VSM +0.83 | | VSM | VSM | | | 150 | COLD | 560P2 |
| | | 0.15 | 104 | P 5 | TWD | 10 | VSM -1.11 | | VSM | VSM | | | 150 | COLD | 560P2 |
| | | 0.33 | 133 | P 2 | TWD | 18 | VSM +0.83 | | TEH | TEC | | | 28 | COLD | 600UL |
| | | 0.18 | 12 | P 2 | TWD | 10 | VSM -1.01 | | TEH | TEC | | | 28 | COLD | 600UL |
| 44 | 60 | 3.16 | 38 | P 1 | SCI | | TSH -12.73 | | TSH | TSH | 3.46 | 17.64 | 235 | HOT | 580PP |
| 44 | 76 | 0.71 | 124 | P 5 | TWD | 42 | DBH +1.86 | | DBH | DBH | | | 166 | COLD | 560P2 |
| | | 0.16 | 136 | P 5 | TWD | 18 | DBH -1.56 | | DBH | DBH | | | 166 | COLD | 560P2 |
| | | 0.43 | 166 | P 3 | TWD | 22 | DBH +1.86 | | STH | TEC | | | 59 | COLD | 600UL |
| 44 | 98 | 0.66 | 168 | P 3 | TWD | 23 | DBC +1.59 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.58 | 11 | P 3 | TWD | 21 | DBH +1.13 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.24 | 148 | P 3 | TWD | 11 | DBH -1.47 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.34 | 66 | P 2 | TWD | 18 | 01H -0.28 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.15 | 137 | P 5 | TWD | 15 | DBC -1.76 | | DBC | DBC | | | 168 | COLD | 560P2 |
| | | 0.56 | 129 | P 5 | TWD | 36 | DBC +1.75 | | DBC | DBC | | | 168 | COLD | 560P2 |
| | | 0.23 | 123 | P 5 | TWD | 20 | DBH -1.75 | | DBH | DBH | | | 168 | COLD | 560P2 |
| | | 0.81 | 121 | P 5 | TWD | 42 | DBH +1.75 | | DBH | DBH | | | 168 | COLD | 560P2 |
| 44 | 114 | 2.34 | 32 | P 1 | MCI | | TSH -7.82 | | TSH | TSH | 3.55 | 19.17 | 162 | HOT | 580PP |
| | | 0.46 | 21 | P 1 | SCI | | TSH -7.05 | | TSH | TSH | 0.60 | | 162 | HOT | 580PP |
| 44 | 116 | 0.89 | 20 | 2 | SAI | | TSH -6.83 | | TSH | TSH | 0.81 | 18.49 | 161 | HOT | 580PP |
| 44 | 124 | 0.20 | 140 | P 5 | TWD | 19 | VSM -0.85 | | VSM | VSM | | | 170 | COLD | 560P2 |
| | | 0.29 | 72 | P 2 | TWD | 18 | VSM -0.85 | | TEH | TEC | | | 4 | COLD | 600UL |
| 45 | 73 | 0.48 | 94 | P 5 | TWD | 26 | DBC -1.69 | | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.32 | 135 | P 3 | TWD | 19 | DBC -1.61 | | STH | TEC | | | 58 | COLD | 600UL |
| 45 | 75 | 1.06 | 82 | P 5 | TWD | 45 | DBC -2.00 | TO+2.00 | DBC | DBC | | | 155 | COLD | 560P2 |
| | | 0.97 | 91 | P 5 | TWD | 40 | DBH -1.87 | | DBH | DBH | | | 155 | COLD | 560P2 |
| | | 0.90 | 72 | P 3 | TWD | 28 | DBH -1.61 | | TEH | TEC | | | 33 | COLD | 600UL |
| | | 1.59 | 143 | P 3 | TWD | 37 | DBC +1.84 | | TEH | TEC | LAR | LOCOK | 33 | COLD | 600UL |
| 45 | 121 | 0.32 | 22 | P 1 | SCI | | TSH -11.48 | | TSH | TSH | 0.46 | 18.64 | 165 | HOT | 580PP |
| 45 | 151 | 0.12 | 102 | 2 | SAI | | 02H -1.69 | | 02H | 02H | 0.15 | | 223 | HOT | 580PP |
| 45 | 167 | 0.51 | 116 | P 2 | TWD | 21 | VSM -0.78 | | TEC | TEH | | | 25 | HOT | 600UL |
| 46 | 6 | 0.26 | 143 | P 3 | TWD | 14 | DBC +1.41 | | TEC | TEH | | | 2 | HOT | 600UL |
| | | 0.35 | 84 | P 5 | TWD | 21 | DBC +1.83 | | DBC | DBC | | | 144 | COLD | 560P2 |
| 46 | 56 | 0.15 | 106 | P 1 | SCI | | TSH +0.04 | | TSH | TSH | 0.23 | 17.48 | 229 | HOT | 580PP |
| 46 | 76 | 1.09 | 133 | P 5 | TWD | 48 | DBH +1.87 | | DBH | DBH | APN | | 167 | COLD | 560P2 |
| | | 0.21 | 126 | P 5 | TWD | 19 | DBC -2.00 | TO+2.00 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.96 | 28 | P 3 | TWD | 38 | DBH +1.39 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.12 | 44 | P 3 | TWD | 10 | DBC -1.75 | | TEC | TEH | | | 6 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | 98 | 0.95 | 63 | P 3 | TWD | 38 | DBH -1.74 | | TEC | TEH | | | 10 | HOT | 600UL |
| | | 1.31 | 98 | P 5 | TWD | 49 | DBH -1.78 | | DBH | DBH | APN | | 168 | COLD | 560P2 |
| 46 | 104 | 0.26 | 19 | P 1 | SCI | | TSH -11.39 | | TSH | TSH | 0.00 | 20.79 | 329 | HOT | 580PP |
| 46 | 110 | 0.69 | 31 | P 1 | MCI | | TSH -12.49 | | TSH | TSH | 0.49 | 18.95 | 157 | HOT | 580PP |
| 46 | 114 | 0.46 | 18 | P 1 | SCI | | TSH -0.11 | | TSH | TSH | 0.63 | 18.81 | 161 | HOT | 580PP |
| 46 | 116 | 0.54 | 62 | P 2 | TWD | 26 | VSM -0.84 | | STH | TEC | | | 58 | COLD | 600UL |
| 46 | 160 | 0.24 | 24 | P 3 | TWD | 19 | DBH -2.10 | | TEC | TEH | | | 22 | HOT | 600UL |
| 47 | 65 | 0.48 | 12 | 2 | SAI | | TSH -6.30 | | TSH | TSH | 0.81 | 19.56 | 238 | HOT | 580PP |
| | | 0.55 | 10 | 2 | SAI | | TSH -4.27 | | TSH | TSH | 0.60 | | 238 | HOT | 580PP |
| | | 0.58 | 10 | 2 | SAI | | TSH -3.36 | | TSH | TSH | 0.55 | | 238 | HOT | 580PP |
| 47 | 69 | 0.33 | 17 | 2 | SAI | | TSH -1.62 | | TSH | TSH | .47 | 17.62 | 213 | HOT | 580PP |
| 47 | 105 | 0.55 | 14 | 2 | SAI | | TSH -1.29 | | TSH | TSH | 0.62 | 19.67 | 156 | HOT | 580PP |
| 47 | 109 | 0.20 | 98 | P 5 | TWD | 16 | VSM +0.03 | | VSM | VSM | | | 166 | COLD | 560P2 |
| | | 0.20 | 102 | P 5 | TWD | 16 | VSM +0.93 | | VSM | VSM | | | 166 | COLD | 560P2 |
| | | 0.31 | 118 | P 2 | TWD | 15 | VSM +0.97 | | STH | TEC | | | 59 | COLD | 600UL |
| 47 | 125 | 0.28 | 115 | P 2 | TWD | 17 | VSM +0.80 | | TEH | TEC | | | 4 | COLD | 600UL |
| 47 | 127 | 0.48 | 21 | P 1 | SCI | | TSH -3.73 | | TSH | TSH | 1.68 | 18.18 | 169 | HOT | 580PP |
| 47 | 143 | 0.16 | 117 | P 2 | TWD | 11 | VSM -0.78 | | TEC | TEH | | | 16 | HOT | 600UL |
| 48 | 56 | 0.24 | 104 | 2 | SAI | | TSH +0.00 | | TSH | TSH | 0.20 | 18.30 | 228 | HOT | 580PP |
| 48 | 68 | 0.28 | 56 | P 2 | TWD | 15 | VSM +0.83 | | TEH | TEC | | | 31 | COLD | 600UL |
| | | 0.11 | 87 | 2 | SAI | | TSH +0.96 | | TSH | TSH | 0.00 | 17.79 | 250 | HOT | 580PP |
| 48 | 70 | 0.16 | 122 | 2 | SAI | | TSH +0.65 | | TSH | TSH | 0.0 | 17.81 | 213 | HOT | 580PP |
| 48 | 76 | 0.38 | 139 | P 5 | TWD | 29 | DBC -1.75 | | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.24 | 69 | P 3 | TWD | 11 | DBC -1.61 | | TEC | TEH | | | 5 | HOT | 600UL |
| 48 | 98 | 1.37 | 79 | P 5 | TWD | 50 | DBH +1.75 | | DBH | DBH | | | 174 | COLD | 560P2 |
| | | 1.02 | 88 | P 3 | TWD | 30 | DBH +1.47 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.35 | 35 | P 3 | TWD | 14 | DBC +1.43 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.36 | 126 | P 5 | TWD | 28 | DBC +1.43 | | DBC | DBC | | | 168 | COLD | 560P2 |
| 48 | 108 | 0.64 | 130 | P 2 | TWD | 26 | VSM +0.00 | | TEH | TEC | | | 7 | COLD | 600UL |
| | | 0.59 | 91 | P 5 | TWD | 32 | VSM +0.12 | | VSM | VSM | | | 169 | COLD | 560P2 |
| | | 0.28 | 102 | P 5 | TWD | 19 | VSM -0.77 | | VSM | VSM | | | 169 | COLD | 560P2 |
| | | 0.22 | 103 | P 5 | TWD | 16 | VSM +0.75 | | VSM | VSM | | | 169 | COLD | 560P2 |
| | | 0.24 | 144 | 2 | SAI | | 06H +0.03 | | 06H | 06H | 0.39 | | 248 | HOT | 580PP |
| 48 | 120 | 0.54 | 34 | P 2 | TWD | 24 | 08H +0.99 | | TEH | TEC | | LOCOK | 3 | COLD | 600UL |
| 48 | 122 | 0.15 | 96 | P 1 | SCI | | TSH +0.13 | | TSH | TSH | 0.00 | 18.34 | 166 | HOT | 580PP |
| 48 | 148 | 0.49 | 30 | P 3 | TWD | 15 | DBC +2.00 | | TEC | TEH | | | 19 | HOT | 600UL |
| 49 | 33 | 0.44 | 132 | P 2 | TWD | 16 | 08C -1.23 | | TEC | TEH | | | 13 | HOT | 600UL |
| 49 | 53 | 0.47 | 77 | P 2 | TWD | 22 | 08C -1.23 | | TEC | TEH | | | 131 | HOT | 600UL |
| | | 0.28 | 91 | 2 | SAI | | 08C -1.23 | | 08C | 08C | 0.18 | | 142 | COLD | 580PP |
| 49 | 71 | 0.53 | 93 | P 5 | TWD | 34 | VSM -0.89 | | VSM | VSM | | | 155 | COLD | 560P2 |
| | | 0.85 | 117 | P 2 | TWD | 34 | VSM -0.89 | | STH | TEC | | | 58 | COLD | 600UL |
| 49 | 73 | 0.49 | 18 | 2 | SAI | | TSH -6.77 | | TSH | TSH | 0.64 | 18.56 | 218 | HOT | 580PP |
| | | 1.51 | 25 | 2 | SAI | | TSH -10.63 | | TSH | TSH | 1.83 | | 218 | HOT | 580PP |
| | | 0.35 | 18 | 2 | SAI | | TSH -10.42 | | TSH | TSH | 0.00 | | 218 | HOT | 580PP |
| 49 | 75 | 0.53 | 95 | P 5 | TWD | 28 | DBH -1.79 | | 08H | DBH | | | 155 | COLD | 560P2 |
| | | 0.36 | 87 | P 3 | TWD | 15 | DBH -1.60 | | TEH | TEC | | | 33 | COLD | 600UL |
| 49 | 79 | 0.39 | 138 | P 5 | TWD | 29 | DBH -1.66 | | 08H | DBH | | | 167 | COLD | 560P2 |
| | | 0.78 | 137 | P 5 | TWD | 42 | DBC -2.00 | TO+2.00 | DBC | 08C | | | 167 | COLD | 560P2 |
| | | 0.38 | 141 | P 3 | TWD | 16 | DBH -1.57 | | TEC | TEH | | | 5 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.73 | 76 | P 3 | TWD | 25 | DBC | -1.34 | | TEC | TEH | | | 5 | HOT | 600UL |
| 49 | 103 | 0.45 | 17 | 2 | SAI | | TSH | -1.21 | | TSH | TSH | 0.33 | 19.31 | 156 | HOT | 580PP |
| 49 | 169 | 0.33 | 104 | P 3 | TWD | 21 | DBC | +1.43 | | TEC | TEH | | | 26 | HOT | 600UL |
| 50 | 8 | 0.32 | 137 | P 2 | TWD | 16 | VSM | +0.83 | | TEC | TEH | | | 2 | HOT | 600UL |
| | | 0.29 | 78 | P 5 | TWD | 16 | VSM | +0.93 | | VSM | 07H | | | 195 | HOT | 560P2 |
| 50 | 32 | 0.41 | 100 | P 2 | TWD | 19 | 01H | +0.75 | | TEC | TEH | | | 14 | HOT | 600UL |
| 50 | 66 | 0.31 | 24 | P 2 | TWD | 18 | 08C | +1.20 | | STH | TEC | | | 58 | COLD | 600UL |
| 50 | 76 | 0.76 | 135 | P 5 | TWD | 41 | DBC | -2.00 | TO+2.00 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.70 | 110 | P 3 | TWD | 34 | DBC | -1.84 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.33 | 104 | P 2 | TWD | 20 | 01H | +0.92 | | TEC | TEH | | | 6 | HOT | 600UL |
| 50 | 98 | 0.31 | 109 | P 2 | TWD | 20 | VSM | -0.85 | | TEC | TEH | | | 10 | HOT | 600UL |
| | | 0.25 | 142 | P 5 | TWD | 22 | VSM | -0.85 | | VSM | VSM | | | 168 | COLD | 560P2 |
| 50 | 100 | 0.89 | 146 | P 5 | TWD | 35 | DBC | -2.00 | TO+0.18 | DBC | 08C | | | 169 | COLD | 560P2 |
| | | 0.46 | 130 | P 3 | TWD | 19 | DBC | -1.43 | | TEC | TEH | | | 5 | HOT | 600UL |
| 50 | 110 | 0.43 | 84 | P 2 | TWD | 20 | 08H | +1.48 | | TEH | TEC | | LOCOK | 7 | COLD | 600UL |
| 50 | 112 | 0.26 | 17 | P 1 | SCI | | TSH | -0.13 | | TSH | TSH | 0.00 | 19.59 | 157 | HOT | 580PP |
| 50 | 118 | 0.31 | 121 | P 2 | TWD | 17 | 08H | -1.20 | | TEH | TEC | | | 5 | COLD | 600UL |
| 50 | 124 | 0.25 | 134 | P 2 | TWD | 14 | VSM | +0.85 | | TEH | TEC | | | 3 | COLD | 600UL |
| 51 | 45 | 0.19 | 160 | P 3 | TWD | 11 | DBH | -1.56 | | TEC | TEH | | | 18 | HOT | 600UL |
| 51 | 77 | 0.73 | 134 | P 5 | TWD | 40 | DBC | -1.89 | | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.42 | 117 | P 3 | TWD | 25 | DBC | -1.79 | | TEC | TEH | | | 6 | HOT | 600UL |
| 51 | 81 | 0.47 | 134 | P 5 | TWD | 32 | DBH | -1.81 | | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.39 | 135 | P 5 | TWD | 29 | DBH | +1.79 | | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.59 | 130 | P 5 | TWD | 37 | DBC | -2.00 | TO+2.00 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.36 | 172 | P 3 | TWD | 15 | DBH | +1.43 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.41 | 111 | P 3 | TWD | 17 | DBC | -1.49 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.34 | 127 | P 3 | TWD | 15 | DBC | +1.97 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.41 | 150 | P 3 | TWD | 17 | DBH | -1.53 | | TEC | TEH | | | 5 | HOT | 600UL |
| 51 | 99 | 0.60 | 79 | P 3 | TWD | 32 | DBH | -1.99 | | TEC | TEH | | | 10 | HOT | 600UL |
| | | 0.27 | 72 | P 3 | TWD | 19 | DBC | -1.16 | | TEC | TEH | | | 10 | HOT | 600UL |
| | | 0.46 | 95 | P 5 | TWD | 27 | DBC | -2.00 | | DBC | 08C | | | 169 | COLD | 560P2 |
| | | 0.76 | 131 | P 5 | TWD | 41 | DBH | -1.99 | | DBH | DBH | | | 168 | COLD | 560P2 |
| 51 | 101 | 0.33 | 25 | 2 | SAI | | TSH | -2.60 | | TSH | TSH | 0.41 | 18.60 | 144 | HOT | 580PP |
| | | 0.57 | 17 | 2 | SAI | | TSH | -2.25 | | TSH | TSH | 0.49 | | 144 | HOT | 580PP |
| | | 0.40 | 18 | 2 | SAI | | TSH | -1.92 | | TSH | TSH | 0.42 | | 144 | HOT | 580PP |
| | | 0.52 | 22 | 2 | SAI | | TSH | -1.36 | | TSH | TSH | 0.38 | | 144 | HOT | 580PP |
| 51 | 105 | 0.33 | 21 | P 1 | SCI | | SBH | -1.87 | | SBH | SBH | 0.00 | 6.19 | 340 | HOT | 520ET |
| 51 | 107 | 1.21 | 28 | P 1 | SCI | | TSH | -16.50 | | TSH | TSH | 0.96 | 19.34 | 156 | HOT | 580PP |
| | | 0.82 | 26 | P 1 | SCI | | TSH | -15.57 | | TSH | TSH | 0.88 | | 156 | HOT | 580PP |
| | | 0.79 | 18 | P 1 | SCI | | TSH | -15.08 | | TSH | TSH | 0.52 | | 156 | HOT | 580PP |
| | | 0.42 | 12 | 2 | SAI | | TSH | -7.52 | | TSH | TSH | 0.73 | | 156 | HOT | 580PP |
| | | 0.83 | 17 | 2 | SAI | | TSH | -7.21 | | TSH | TSH | 1.37 | | 156 | HOT | 580PP |
| 51 | 117 | 0.47 | 113 | P 2 | TWD | 23 | 08H | +0.80 | | TEH | TEC | | | 5 | COLD | 600UL |
| 51 | 163 | 0.31 | 167 | P 3 | TWD | 22 | DBC | +1.55 | | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.27 | 106 | P 2 | TWD | 19 | VH3 | +0.85 | | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.04 | 130 | P 5 | TWD | 18 | VH3 | +1.04 | | VH3 | VH3 | | | 172 | COLD | 560P2 |
| 52 | 68 | 0.27 | 68 | P 2 | TWD | 15 | VSM | -0.66 | | TEH | TEC | | | 32 | COLD | 600UL |
| 52 | 76 | 0.30 | 144 | P 5 | TWD | 24 | DBC | -1.76 | | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.20 | 40 | P 3 | TWD | 9 | DBC | -1.44 | | TEC | TEH | | | 5 | HOT | 600UL |
| 52 | 90 | 0.53 | 80 | P 5 | TWD | 31 | DBC | -1.86 | | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.98 | 127 | P 5 | TWD | 47 | DBH | -2.25 | TO+2.25 | DBH | DBH | | | 166 | COLD | 560P2 |
| | | 0.35 | 140 | P 3 | TWD | 19 | DBC | -1.75 | | STH | TEC | | | 59 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.27 | 57 | P 3 | TWD | 40 | DBH | -2.00 | TO+2.00 | STH | TEC | | | 59 | COLD | 600UL |
| 52 | 94 | 0.45 | 123 | P 3 | TWD | 27 | DBC | -1.39 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.57 | 21 | P 3 | TWD | 30 | DBH | +1.49 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.72 | 93 | P 5 | TWD | 36 | DBC | -1.68 | | DBC | DBC | | | 168 | COLD | 560P2 |
| | | 1.26 | 87 | P 5 | TWD | 46 | DBH | -0.60 | TO+2.00 | DBH | DBH | | | 168 | COLD | 560P2 |
| 52 | 96 | 0.24 | 159 | P 3 | TWD | 11 | DBC | -2.17 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.78 | 87 | P 3 | TWD | 26 | DBH | -1.59 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 1.05 | 91 | P 5 | TWD | 43 | DBH | -2.00 | TO+2.00 | DBH | DBH | | | 168 | COLD | 560P2 |
| | | 0.28 | 146 | P 5 | TWD | 23 | DBC | -2.17 | | DBC | DBC | | | 168 | COLD | 560P2 |
| 52 | 114 | 0.52 | 15 | 2 | SAI | | TSH | -1.92 | | TSH | TSH | 0.43 | 19.28 | 162 | HOT | 580PP |
| | | 0.49 | 15 | 2 | SAI | | TSH | -1.67 | | TSH | TSH | 0.07 | | 162 | HOT | 580PP |
| 52 | 144 | 0.18 | 171 | P 2 | TWD | 9 | VH3 | -1.00 | | TEC | TEH | | | 15 | HOT | 600UL |
| 53 | 21 | 0.40 | 28 | P 2 | TWD | 17 | VSM | -0.84 | | TEC | TEH | | | 7 | HOT | 600UL |
| 53 | 45 | 0.18 | 133 | P 3 | TWD | 7 | DBH | -2.20 | | TEC | TEH | | | 17 | HOT | 600UL |
| 53 | 71 | 0.13 | 114 | 2 | SAI | | TSH | +0.48 | | TSH | TSH | 0.0 | 18.30 | 215 | HOT | 580PP |
| 53 | 77 | 0.28 | 11 | 2 | SAI | | TSH | -0.57 | | TSH | TSH | 0.29 | 19.38 | 150 | HOT | 580PP |
| 53 | 79 | 0.38 | 14 | 2 | SAI | | TSH | -1.24 | | TSH | TSH | .28 | 18.43 | 151 | HOT | 580PP |
| 53 | 95 | 0.94 | 15 | 2 | MAI | | TSH | -0.88 | | TSH | TSH | 1.09 | 18.41 | 145 | HOT | 580PP |
| | | 0.25 | 121 | P 3 | TWD | 18 | DBC | -1.75 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.43 | 131 | P 5 | TWD | 31 | DBC | -1.75 | | DBC | DBC | | | 168 | COLD | 560P2 |
| 54 | 8 | 0.33 | 116 | P 2 | TWD | 16 | 01H | +0.00 | | TEC | TEH | | | 2 | HOT | 600UL |
| | | 0.18 | 129 | P 2 | TWD | 10 | 01H | -1.01 | | TEC | TEH | | | 2 | HOT | 600UL |
| | | 0.28 | 85 | P 5 | TWD | 19 | 01H | +0.09 | | 01H | 01H | | | 259 | HOT | 580PP |
| | | 0.18 | 70 | P 5 | TWD | 13 | 01H | -1.00 | | 01H | 01H | | | 259 | HOT | 580PP |
| 54 | 58 | 0.20 | 25 | P 3 | TWD | 11 | DBH | -2.06 | | TEH | TEC | | | 28 | COLD | 600UL |
| 54 | 76 | 0.25 | 146 | P 5 | TWD | 22 | DBC | -1.71 | | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.27 | 106 | P 3 | TWD | 19 | DBC | -1.71 | | TEC | TEH | | | 6 | HOT | 600UL |
| 54 | 84 | 0.64 | 142 | P 5 | TWD | 38 | DBH | -0.50 | TO+2.00 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.56 | 57 | P 3 | TWD | 21 | DBH | +1.63 | | TEC | TEH | | | 5 | HOT | 600UL |
| 54 | 92 | 0.12 | 132 | P 3 | TWD | 6 | DBH | -1.47 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.18 | 104 | P 5 | TWD | 13 | DBH | -2.00 | | DBH | DBH | | | 168 | COLD | 560P2 |
| 54 | 94 | 0.35 | 109 | P 3 | TWD | 15 | DBH | -1.56 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.83 | 19 | 2 | SAI | | 06H | +0.69 | | 06H | 06H | 0.00 | | 200 | HOT | 580PP |
| | | 0.70 | 14 | 2 | SAI | | 06H | +0.50 | | 06H | 06H | 0.00 | | 200 | HOT | 580PP |
| | | 0.71 | 89 | P 5 | TWD | 35 | DBH | -2.00 | TO+2.00 | DBH | DBH | | | 168 | COLD | 560P2 |
| 54 | 96 | 0.51 | 140 | P 5 | TWD | 36 | DBH | -1.61 | | 08H | DBH | | | 166 | COLD | 560P2 |
| | | 0.43 | 49 | P 3 | TWD | 24 | DBH | -1.61 | | STH | TEC | | | 58 | COLD | 600UL |
| 55 | 17 | 0.29 | 115 | P 2 | TWD | 15 | VC3 | -0.79 | | TEC | TEH | | | 8 | HOT | 600UL |
| 55 | 29 | 0.26 | 140 | P 2 | TWD | 11 | VC3 | +0.77 | | TEC | TEH | | | 13 | HOT | 600UL |
| 55 | 77 | 0.13 | 103 | 2 | SAI | | TSH | +0.30 | | TSH | TSH | 0.0 | 18.40 | 151 | HOT | 580PP |
| 55 | 81 | 0.33 | 142 | P 5 | TWD | 26 | DBH | -1.70 | | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.14 | 129 | P 3 | TWD | 11 | DBH | -1.40 | | TEC | TEH | | | 6 | HOT | 600UL |
| 55 | 83 | 0.71 | 142 | P 5 | TWD | 42 | DBH | -1.84 | TO+1.95 | DBH | DBH | | | 166 | COLD | 560P2 |
| | | 0.39 | 167 | P 3 | TWD | 21 | DBH | +1.79 | | STH | TEC | | | 59 | COLD | 600UL |
| | | 0.61 | 104 | P 3 | TWD | 28 | DBH | -1.67 | | STH | TEC | | | 59 | COLD | 600UL |
| 55 | 89 | 0.65 | 126 | P 5 | TWD | 40 | DBC | -1.54 | | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.29 | 126 | P 5 | TWD | 27 | DBC | +1.47 | | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.24 | 135 | P 3 | TWD | 14 | DBC | +1.47 | | STH | TEC | | | 59 | COLD | 600UL |
| | | 0.68 | 90 | P 3 | TWD | 30 | DBC | -1.54 | | STH | TEC | | | 59 | COLD | 600UL |
| 55 | 91 | 0.30 | 67 | P 3 | TWD | 13 | DBH | -1.75 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.43 | 108 | P 5 | TWD | 28 | DBH | -1.75 | | DBH | DBH | | | 168 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55 | 95 | 0.60 | 175 | P 3 | TWD | 22 | DBC +1.99 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.45 | 132 | P 5 | TWD | 31 | DBC +1.99 | | DBC | DBC | | | 168 | COLD | 560P2 |
| 55 | 97 | 0.39 | 168 | P 3 | TWD | 24 | DBH +1.30 | | TEC | TEH | | | 10 | HOT | 600UL |
| | | 0.47 | 94 | P 5 | TWD | 29 | DBH +1.75 | | DBH | DBH | | | 168 | COLD | 560P2 |
| 55 | 111 | 0.11 | 104 | 2 | SAI | | TSH +2.10 | | TSH | TSH | 0.30 | 19.60 | 157 | HOT | 580PP |
| 55 | 157 | 0.38 | 57 | P 2 | TWD | 17 | VH3 +0.64 | | TEC | TEH | | | 21 | HOT | 600UL |
| | | 0.37 | 59 | P 2 | TWD | 16 | VH3 -0.81 | | TEC | TEH | | | 21 | HOT | 600UL |
| 56 | 72 | 0.13 | 114 | P 1 | SCI | | TSH +0.00 | | TSH | TSH | 0.00 | 18.21 | 246 | HOT | 580PP |
| 56 | 80 | 0.45 | 144 | P 5 | TWD | 32 | DBC -1.78 | | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.30 | 139 | P 5 | TWD | 25 | DBH -1.80 | | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.22 | 133 | P 5 | TWD | 20 | DBH -1.20 | TO+1.75 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.43 | 134 | P 3 | TWD | 18 | DBC -1.82 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.36 | 68 | P 3 | TWD | 15 | DBH -1.90 | | TEC | TEH | | | 5 | HOT | 600UL |
| 56 | 108 | 0.37 | 55 | P 2 | TWD | 18 | 03H +0.78 | | TEH | TEC | | | 7 | COLD | 600UL |
| 57 | 19 | 0.29 | 131 | P 2 | TWD | 13 | VH3 -0.84 | | TEC | TEH | | | 7 | HOT | 600UL |
| 57 | 23 | 0.41 | 57 | P 2 | TWD | 20 | VC3 +0.85 | | TEC | TEH | | | 8 | HOT | 600UL |
| 57 | 25 | 0.45 | 87 | P 2 | TWD | 19 | VH3 -0.92 | | TEC | TEH | | | 7 | HOT | 600UL |
| 57 | 55 | 0.33 | 29 | P 1 | SCI | | TSH -4.06 | | TSH | TSH | 0.73 | 20.09 | 203 | HOT | 580PP |
| 57 | 81 | 0.52 | 137 | P 5 | TWD | 34 | DBH -1.75 | | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.54 | 109 | P 3 | TWD | 20 | DBH -1.77 | | TEC | TEH | | | 5 | HOT | 600UL |
| 57 | 83 | 0.65 | 139 | P 5 | TWD | 38 | DBH -2.00 | TO+1.90 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.27 | 110 | P 3 | TWD | 19 | DBH -1.54 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.15 | 123 | 2 | SAI | | TSH +1.24 | | TSH | TSH | .23 | 18.37 | 151 | HOT | 580PP |
| 57 | 85 | 0.53 | 132 | P 5 | TWD | 35 | DBH -1.90 | TO+1.90 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.46 | 38 | P 3 | TWD | 27 | DBH +1.91 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.24 | 49 | P 3 | TWD | 18 | DBH -1.56 | | TEC | TEH | | | 6 | HOT | 600UL |
| 57 | 87 | 0.70 | 132 | P 5 | TWD | 40 | DBH -2.00 | TO+2.00 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.73 | 25 | P 3 | TWD | 34 | DBH +1.71 | | TEC | TEH | | | 6 | HOT | 600UL |
| 57 | 89 | 0.68 | 44 | P 3 | TWD | 24 | DBC +1.93 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 1.10 | 90 | P 5 | TWD | 44 | DBH -1.70 | TO+2.00 | DBH | DBH | | | 168 | COLD | 560P2 |
| | | 0.52 | 106 | P 5 | TWD | 32 | DBC +1.75 | | DBC | DBC | | | 168 | COLD | 560P2 |
| | | 0.62 | 74 | P 3 | TWD | 23 | DBH -1.74 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.66 | 121 | P 3 | TWD | 24 | DBH +1.36 | | TEC | TEH | | | 5 | HOT | 600UL |
| 57 | 97 | 0.53 | 16 | P 3 | TWD | 19 | DBH +1.61 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.44 | 121 | P 5 | TWD | 29 | DBH +1.78 | | DBH | DBH | | | 168 | COLD | 560P2 |
| 57 | 103 | 0.37 | 13 | 2 | SAI | | TSH -8.31 | | TSH | TSH | 0.0 | 19.22 | 156 | HOT | 580PP |
| 57 | 119 | 0.43 | 23 | P 1 | MCI | | TSH -0.09 | | TSH | TSH | 0.31 | 17.75 | 162 | HOT | 580PP |
| 57 | 151 | 0.28 | 135 | P 1 | SCI | | TSH +0.04 | | TSH | TSH | 0.51 | 18.14 | 196 | HOT | 580PP |
| 57 | 159 | 0.31 | 121 | P 2 | TWD | 14 | VH3 -0.86 | | TEC | TEH | | | 21 | HOT | 600UL |
| 57 | 167 | 0.48 | 137 | P 2 | TWD | 22 | 02C +0.87 | | TEC | TEH | | | 25 | HOT | 600UL |
| | | 0.37 | 76 | P 5 | TWD | 23 | 02C +0.83 | | 02C | 02C | | | 137 | COLD | 580PP |
| | | 0.25 | 82 | P 5 | TWD | 17 | 02C +0.06 | | 02C | 02C | | | 137 | COLD | 580PP |
| 58 | 32 | 0.30 | 88 | P 2 | TWD | 14 | VH3 -0.93 | | TEC | TEH | | | 14 | HOT | 600UL |
| 58 | 82 | 0.32 | 140 | P 5 | TWD | 28 | DBC -1.98 | TO+1.90 | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.20 | 176 | P 3 | TWD | 12 | DBC +2.00 | | STH | TEC | | | 59 | COLD | 600UL |
| | | 0.34 | 81 | P 3 | TWD | 19 | DBC +1.25 | | STH | TEC | | | 59 | COLD | 600UL |
| 58 | 84 | 1.28 | 126 | P 5 | TWD | 50 | DBH -2.00 | TO+2.00 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.42 | 144 | P 5 | TWD | 30 | DBC -1.60 | TO+1.90 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.78 | 14 | P 3 | TWD | 27 | DBH -2.00 | TO+2.00 | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.14 | 152 | P 3 | TWD | 7 | DBC -1.75 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.51 | 83 | P 3 | TWD | 20 | DBC +1.95 | | TEC | TEH | | | 5 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 86 | 0.33 | 131 | P 5 | TWD | 26 | DBC | +1.85 | | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 1.60 | 78 | P 5 | TWD | 54 | DBH | +0.00 | TO+2.00 | DBH | DBH | | | 174 | COLD | 560P2 |
| | | 1.65 | 68 | P 3 | TWD | 39 | DBH | +1.01 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.53 | 172 | P 3 | TWD | 21 | DBC | +1.82 | | TEC | TEH | | | 5 | HOT | 600UL |
| 58 | 88 | 0.30 | 144 | P 5 | TWD | 27 | DBC | -1.63 | | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.41 | 123 | P 3 | TWD | 22 | DBC | -1.63 | | STH | TEC | | | 59 | COLD | 600UL |
| 58 | 96 | 0.19 | 115 | P 3 | TWD | 15 | DBH | -1.70 | | TEC | TEH | | | 10 | HOT | 600UL |
| | | 0.43 | 121 | P 5 | TWD | 29 | DBH | -1.75 | | DBH | DBH | | | 168 | COLD | 560P2 |
| 58 | 116 | 0.21 | 101 | P 2 | TWD | 14 | VC3 | +0.84 | | TEH | TEC | | | 6 | COLD | 600UL |
| 59 | 23 | 0.48 | 123 | P 2 | TWD | 19 | VH3 | -0.92 | | TEC | TEH | | | 7 | HOT | 600UL |
| 59 | 25 | 0.36 | 131 | P 2 | TWD | 18 | VH3 | -1.01 | | TEC | TEH | | | 8 | HOT | 600UL |
| | | 0.36 | 162 | P 2 | TWD | 18 | VH3 | +0.89 | | TEC | TEH | | | 8 | HOT | 600UL |
| 59 | 27 | 0.24 | 134 | P 2 | TWD | 10 | VH3 | -1.14 | | TEC | TEH | | | 7 | HOT | 600UL |
| 59 | 33 | 2.67 | 29 | 2 | SAI | | TSH | -9.50 | | TSH | TSH | 3.27 | 17.46 | 171 | HOT | 580PP |
| 59 | 57 | 0.34 | 57 | P 2 | TWD | 17 | 02H | -1.13 | | TEH | TEC | | | 28 | COLD | 600UL |
| 59 | 63 | 0.31 | 105 | P 2 | TWD | 17 | VSM | +0.89 | | TEH | TEC | | | 30 | COLD | 600UL |
| 59 | 65 | 0.16 | 96 | 2 | SAI | | TSH | +1.04 | | TSH | TSH | 0.21 | 20.70 | 208 | HOT | 580PP |
| 59 | 85 | 0.84 | 135 | P 5 | TWD | 43 | DBC | -1.90 | TO+1.90 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.37 | 59 | P 3 | TWD | 15 | DBC | -1.78 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 1.00 | 130 | P 3 | TWD | 30 | DBC | +1.72 | | TEC | TEH | | | 5 | HOT | 600UL |
| 59 | 87 | 0.37 | 14 | 2 | SAI | | TSH | -3.86 | | TSH | TSH | 0.23 | 19.56 | 150 | HOT | 580PP |
| | | 0.59 | 131 | P 5 | TWD | 37 | DBH | -1.80 | | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.76 | 114 | P 3 | TWD | 26 | DBH | -1.80 | | TEC | TEH | | | 5 | HOT | 600UL |
| 59 | 91 | 0.15 | 114 | 2 | MAI | | TSH | +0.98 | | TSH | TSH | 0.0 | 18.51 | 151 | HOT | 580PP |
| 59 | 95 | 0.20 | 96 | P 3 | TWD | 15 | DBC | +1.93 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.36 | 134 | P 5 | TWD | 28 | DBC | +1.93 | | DBC | DBC | | | 168 | COLD | 560P2 |
| 59 | 99 | 0.20 | 118 | P 2 | TWD | 15 | 01H | -0.17 | | TEC | TEH | | | 10 | HOT | 600UL |
| 59 | 157 | 0.32 | 94 | P 2 | TWD | 15 | VH3 | -0.92 | | TEC | TEH | | | 21 | HOT | 600UL |
| 59 | 161 | 0.37 | 88 | P 2 | TWD | 16 | VH3 | -0.86 | | TEC | TEH | | | 21 | HOT | 600UL |
| 60 | 92 | 0.41 | 20 | 2 | SAI | | TSH | -0.38 | | TSH | TSH | 0.49 | 19.42 | 150 | HOT | 580PP |
| 60 | 116 | 0.47 | 29 | P 1 | MCI | | TSH | +0.00 | | TSH | TSH | 0.37 | 19.06 | 162 | HOT | 580PP |
| 60 | 126 | 0.40 | 20 | P 1 | MCI | | TSH | -0.13 | | TSH | TSH | 0.65 | 18.04 | 165 | HOT | 580PP |
| 60 | 134 | 0.72 | 23 | P 1 | SCI | | TSH | -9.25 | | TSH | TSH | 0.75 | 18.41 | 182 | HOT | 580PP |
| 61 | 27 | 0.37 | 39 | P 2 | TWD | 18 | VH3 | -1.07 | | TEC | TEH | | | 8 | HOT | 600UL |
| 61 | 31 | 0.26 | 119 | P 2 | TWD | 11 | VH3 | +1.00 | | TEC | TEH | | | 13 | HOT | 600UL |
| 61 | 61 | 0.28 | 147 | P 2 | TWD | 15 | VH3 | +0.80 | | TEH | TEC | | | 30 | COLD | 600UL |
| 61 | 77 | 0.14 | 104 | 2 | MAI | | TSH | +0.71 | TO+1.46 | TSH | TSH | 0.0 | 18.38 | 151 | HOT | 580PP |
| 61 | 85 | 0.45 | 134 | P 5 | TWD | 32 | DBC | -1.90 | TO+1.90 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.57 | 169 | P 3 | TWD | 21 | DBC | +1.88 | | TEC | TEH | | | 5 | HOT | 600UL |
| 61 | 99 | 0.14 | 107 | P 1 | SCI | | TSH | +0.03 | | TSH | TSH | 0.16 | 18.19 | 144 | HOT | 580PP |
| 61 | 125 | 0.26 | 119 | P 2 | TWD | 14 | VC3 | -0.10 | | TEH | TEC | | | 3 | COLD | 600UL |
| | | 0.43 | 31 | P 2 | TWD | 21 | 02H | -1.14 | | TEH | TEC | | | 3 | COLD | 600UL |
| | | 0.26 | 90 | P 5 | TWD | 20 | VC3 | +0.18 | | VC3 | VC3 | | | 169 | COLD | 560P2 |
| 62 | 24 | 0.29 | 125 | P 2 | TWD | 14 | VH3 | +0.12 | | TEC | TEH | | | 7 | HOT | 600UL |
| 62 | 158 | 0.20 | 168 | P 3 | TWD | 16 | DBC | +1.48 | | TEC | TEH | | | 22 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63 | 81 | 0.30 | 18 | 2 | SAI | | TSH | -1.86 | | TSH | TSH | 0.0 | 18.77 | 151 | HOT | 580PP |
| 63 | 87 | 0.69 | 134 | P 5 | TWD | 41 | DBH | -0.58 | TO+1.97 | DBH | DBH | | | 166 | COLD | 560P2 |
| | | 0.80 | 21 | P 3 | TWD | 32 | DBH | +1.97 | | STH | TEC | | | 59 | COLD | 600UL |
| 63 | 91 | 0.43 | 16 | 2 | SAI | | TSH | -1.22 | | TSH | TSH | .44 | 18.16 | 151 | HOT | 580PP |
| 64 | 26 | 0.30 | 85 | P 2 | TWD | 13 | 03H | -1.22 | | TEC | TEH | | | 7 | HOT | 600UL |
| 64 | 56 | 0.34 | 14 | 2 | SAI | | TSH | -1.22 | | TSH | TSH | 0.0 | 20.09 | 203 | HOT | 580PP |
| 64 | 66 | 0.69 | 13 | 2 | SAI | | TSH | -3.84 | | TSH | TSH | 0.62 | 20.73 | 208 | HOT | 580PP |
| 64 | 78 | 0.17 | 95 | 2 | MAI | | TSH | +0.67 | | TSH | TSH | 0.31 | 18.48 | 151 | HOT | 580PP |
| 64 | 80 | 0.34 | 131 | P 5 | TWD | 27 | DBH | -1.85 | TO+1.85 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.38 | 106 | P 3 | TWD | 16 | DBH | +1.28 | | TEC | TEH | | | 5 | HOT | 600UL |
| 64 | 110 | 0.44 | 18 | 2 | SAI | | TSH | -10.93 | | TSH | TSH | 0.91 | 19.54 | 158 | HOT | 580PP |
| | | 0.50 | 16 | 2 | SAI | | TSH | -10.76 | | TSH | TSH | 0.94 | 19.54 | 158 | HOT | 580PP |
| 64 | 120 | 0.20 | 129 | P 2 | TWD | 11 | VH3 | -0.53 | | TEH | TEC | | | 3 | COLD | 600UL |
| 64 | 158 | 0.44 | 54 | P 2 | TWD | 19 | VH3 | -0.94 | | TEC | TEH | | | 21 | HOT | 600UL |
| | | 0.65 | 139 | P 2 | TWD | 24 | VH3 | +0.73 | | TEC | TEH | | | 21 | HOT | 600UL |
| 65 | 47 | 0.69 | 25 | P 1 | SCI | | TSH | -12.79 | | TSH | TSH | 0.47 | 19.98 | 203 | HOT | 580PP |
| 65 | 53 | 2.59 | 38 | P 1 | SCI | | TSH | -12.74 | | TSH | TSH | 4.87 | 19.98 | 203 | HOT | 580PP |
| 65 | 81 | 0.28 | 139 | P 5 | TWD | 23 | DBC | -2.00 | TO+2.00 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.14 | 101 | P 3 | TWD | 7 | DBC | -1.32 | | TEC | TEH | | | 5 | HOT | 600UL |
| 65 | 85 | 0.63 | 135 | P 5 | TWD | 38 | DBC | -2.00 | TO+2.00 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.46 | 91 | P 3 | TWD | 27 | DBC | -1.75 | | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.37 | 173 | P 3 | TWD | 24 | DBC | +1.75 | | TEC | TEH | | | 6 | HOT | 600UL |
| 65 | 97 | 0.28 | 92 | P 2 | TWD | 15 | 02H | -1.23 | | TEC | TEH | | | 9 | HOT | 600UL |
| 65 | 113 | 0.95 | 31 | P 1 | MCI | | SBH | -0.54 | | SBH | SBH | 2.39 | 6.63 | 340 | HOT | 520ET |
| | | 0.39 | 24 | P 1 | SCI | | SBH | -0.96 | | SBH | SBH | 0.00 | | 340 | HOT | 520ET |
| 65 | 115 | 0.27 | 15 | P 1 | SCI | | SBH | -3.22 | | SBH | SBH | 0.00 | | 340 | HOT | 520ET |
| | | 1.36 | 34 | P 1 | MCI | | SBH | -0.35 | | SBH | SBH | 3.05 | 6.62 | 340 | HOT | 520ET |
| 65 | 149 | 0.19 | 155 | P 1 | SCI | | TSH | +0.02 | | TSH | TSH | 0.00 | 18.34 | 194 | HOT | 580PP |
| 66 | 18 | 0.53 | 34 | P 2 | TWD | 23 | VH3 | +0.67 | | TEC | TEH | | | 8 | HOT | 600UL |
| 66 | 48 | 0.26 | 97 | P 5 | TWD | 18 | VSM | +0.92 | | VSM | VSM | | | 152 | COLD | 560P2 |
| | | 0.36 | 98 | P 5 | TWD | 23 | VSM | -0.77 | | VSM | VSM | | | 152 | COLD | 560P2 |
| | | 0.53 | 116 | P 2 | TWD | 23 | VSM | -0.78 | | TEC | TEH | | | 129 | HOT | 600UL |
| | | 0.28 | 144 | P 2 | TWD | 15 | VSM | +0.84 | | TEC | TEH | | | 129 | HOT | 600UL |
| 66 | 124 | 0.37 | 80 | P 2 | TWD | 21 | VH3 | -0.73 | | TEH | TEC | | | 4 | COLD | 600UL |
| 66 | 142 | 0.35 | 21 | P 3 | TWD | 22 | DBC | +0.79 | | TEC | TEH | | | 16 | HOT | 600UL |
| 67 | 11 | 0.59 | 79 | P 2 | TWD | 22 | VH3 | -0.83 | | TEC | TEH | | | 1 | HOT | 600UL |
| 67 | 25 | 0.32 | 53 | P 2 | TWD | 17 | 06H | +0.77 | | TEC | TEH | | | 8 | HOT | 600UL |
| 67 | 53 | 0.45 | 21 | P 1 | SCI | | TSH | -12.20 | | TSH | TSH | 0.00 | 21.04 | 204 | HOT | 580PP |
| 67 | 57 | 0.51 | 21 | P 1 | MCI | | TSH | -0.15 | | TSH | TSH | 0.0 | 20.08 | 203 | HOT | 580PP |
| 67 | 81 | 0.38 | 146 | P 5 | TWD | 29 | DBC | -2.00 | TO+2.00 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.35 | 113 | P 3 | TWD | 23 | DBC | -1.55 | | TEC | TEH | | | 6 | HOT | 600UL |
| 67 | 85 | 0.66 | 137 | P 5 | TWD | 39 | DBC | -1.90 | TO+0.00 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.65 | 84 | P 3 | TWD | 24 | DBC | -1.74 | | TEC | TEH | | | 5 | HOT | 600UL |
| 67 | 87 | 0.31 | 133 | P 5 | TWD | 25 | DBH | -1.65 | | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.30 | 138 | P 5 | TWD | 25 | DBH | +1.75 | | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.27 | 56 | P 3 | TWD | 12 | DBH | +1.32 | | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.19 | 69 | P 3 | TWD | 9 | DBH | -1.76 | | TEC | TEH | | | 5 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 67 | 91 | 0.26 | 57 | P | 1 | SCI | TSH | +0.14 | TSH | TSH | 1.09 | 18.19 | 151 | HOT | 580PP |
| 67 | 97 | 0.25 | 54 | P | 2 | TWD 18 | 02H | -1.25 | TEC | TEH | | | 10 | HOT | 600UL |
| 67 | 103 | 0.21 | 23 | P | 1 | SCI | TSH | -0.08 | TSH | TSH | 0.00 | 19.14 | 156 | HOT | 580PP |
| 67 | 115 | 0.32 | 119 | 2 | | SAI | 02H | -13.72 | 02H | 02H | 0.37 | | 248 | HOT | 580PP |
| 67 | 129 | 0.24 | 146 | P | 2 | TWD 13 | VH3 | +0.04 | TEH | TEC | | | 3 | COLD | 600UL |
| | | 0.18 | 108 | 2 | | SAI | VH3 | +0.03 | VH3 | VH3 | | | 169 | COLD | 560P2 |
| 67 | 155 | 0.35 | 161 | P | 3 | TWD 24 | DBC | +0.68 | TEC | TEH | | | 22 | HOT | 600UL |
| 67 | 157 | 0.32 | 92 | P | 2 | TWD 15 | VH3 | -0.80 | TEC | TEH | | | 21 | HOT | 600UL |
| 67 | 165 | 0.71 | 114 | P | 2 | TWD 28 | VH3 | -0.88 | TEC | TEH | | | 25 | HOT | 600UL |
| | | 0.43 | 79 | P | 5 | TWD 27 | VH3 | -0.80 | VH3 | VH3 | | | 173 | COLD | 560P2 |
| 68 | 92 | 0.33 | 98 | P | 2 | TWD 16 | 01H | +0.88 | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.25 | 134 | 2 | | SAI | TSH | +0.46 | TSH | TSH | 0.0 | 18.35 | 151 | HOT | 580PP |
| 68 | 94 | 0.24 | 104 | 2 | | SAI | TSH | +0.77 | TSH | TSH | 0.25 | 19.69 | 150 | HOT | 580PP |
| | | 0.14 | 91 | 2 | | SAI | TSH | +1.18 | TSH | TSH | 0.00 | 19.69 | 150 | HOT | 580PP |
| 68 | 114 | 0.33 | 19 | P | 1 | SCI | TSH | -10.55 | TSH | TSH | 0.37 | 19.98 | 158 | HOT | 580PP |
| 68 | 146 | 0.43 | 78 | P | 2 | TWD 20 | VC3 | -0.88 | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.34 | 87 | P | 5 | TWD 22 | VC3 | -0.92 | VC3 | VC3 | | | 173 | COLD | 560P2 |
| 69 | 13 | 0.70 | 86 | P | 2 | TWD 24 | VH3 | +0.85 | TEC | TEH | | | 1 | HOT | 600UL |
| | | 0.59 | 115 | P | 2 | TWD 22 | VH3 | -0.87 | TEC | TEH | | | 1 | HOT | 600UL |
| 69 | 17 | 0.53 | 131 | P | 2 | TWD 20 | VH3 | -0.78 | TEC | TEH | | | 7 | HOT | 600UL |
| 69 | 19 | 0.50 | 133 | P | 2 | TWD 20 | VH3 | +0.72 | TEC | TEH | | | 7 | HOT | 600UL |
| 69 | 85 | 0.27 | 149 | P | 5 | TWD 23 | DBC | -1.75 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.17 | 147 | P | 3 | TWD 13 | DBC | -1.42 | TEC | TEH | | | 6 | HOT | 600UL |
| 69 | 101 | 0.37 | 22 | P | 1 | SCI | TSH | -0.02 | TSH | TSH | 0.72 | 19.04 | 145 | HOT | 580PP |
| 69 | 127 | 1.13 | 20 | 2 | | SAI | TSH | -12.49 | TSH | TSH | 1.75 | 18.15 | 170 | HOT | 580PP |
| 69 | 149 | 0.12 | 114 | 2 | | SAI | 03H | +2.26 | 03H | 03H | 0.15 | | 271 | HOT | 580PP |
| 69 | 163 | 0.31 | 58 | P | 2 | TWD 14 | VSM | +0.82 | TEC | TEH | | | 21 | HOT | 600UL |
| | | 0.36 | 109 | P | 2 | TWD 16 | VH3 | +0.73 | TEC | TEH | | | 21 | HOT | 600UL |
| 70 | 22 | 0.43 | 109 | P | 2 | TWD 20 | 06H | +0.83 | TEC | TEH | | | 8 | HOT | 600UL |
| 70 | 24 | 0.34 | 79 | P | 3 | TWD 15 | DBH | +1.78 | TEC | TEH | | | 7 | HOT | 600UL |
| 70 | 50 | 0.13 | 89 | 2 | | SAI | 02H | +5.04 | 02H | 02H | 0.12 | | 203 | HOT | 580PP |
| 70 | 82 | 0.27 | 139 | P | 5 | TWD 22 | DBC | +1.70 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.21 | 153 | P | 3 | TWD 16 | DBC | +1.75 | TEC | TEH | | | 6 | HOT | 600UL |
| 70 | 84 | 0.12 | 80 | 2 | | SAI | TSH | +1.46 | TSH | TSH | 0.0 | 18.45 | 151 | HOT | 580PP |
| 70 | 86 | 0.27 | 140 | P | 5 | TWD 23 | DBH | -1.50 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.21 | 137 | P | 5 | TWD 19 | DBH | +1.50 | DBH | DBH | | | 167 | COLD | 560P2 |
| | | 0.22 | 93 | P | 3 | TWD 16 | DBH | -1.25 | TEC | TEH | | | 6 | HOT | 600UL |
| 70 | 108 | 0.64 | 27 | P | 1 | SCI | TSH | -0.04 | TSH | TSH | 0.42 | 19.21 | 156 | HOT | 580PP |
| 71 | 13 | 0.49 | 125 | P | 2 | TWD 19 | VH3 | -0.80 | TEC | TEH | | | 1 | HOT | 600UL |
| 71 | 19 | 0.40 | 147 | P | 2 | TWD 16 | VH3 | -0.80 | TEC | TEH | | | 7 | HOT | 600UL |
| 71 | 39 | 0.21 | 115 | 2 | | SAI | 02H | +0.77 | 02H | 02H | .52 | | 263 | HOT | 580PP |
| 71 | 85 | 0.86 | 126 | P | 5 | TWD 44 | DBC | -2.00 TO+1.90 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.91 | 70 | P | 3 | TWD 29 | DBC | -1.58 | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.33 | 58 | P | 2 | TWD 16 | 03H | -1.20 | TEC | TEH | | | 5 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71 | 97 | 0.20 | 34 | P 2 | TWD | 11 | 01H | +0.91 | TEC | TEH | | | 9 | HOT | 600UL |
| 71 | 113 | 0.38 | 26 | P 1 | SCI | | TSH | -10.72 | TSH | TSH | 0.65 | 19.38 | 157 | HOT | 580PP |
| | | 0.45 | 32 | P 1 | MCI | | TSH | -10.09 | TSH | TSH | 0.46 | | 157 | HOT | 580PP |
| 71 | 155 | 0.20 | 112 | 2 | SAI | | 07H | -0.43 | 07H | 07H | 0.26 | | 223 | HOT | 580PP |
| 72 | 24 | 0.50 | 94 | P 2 | TWD | 22 | 06H | +0.77 | TEC | TEH | | | 8 | HOT | 600UL |
| | | 0.18 | 119 | 2 | SAI | | 06H | +0.76 | 06H | 06H | 0.0 | | 263 | HOT | 580PP |
| 72 | 28 | 0.32 | 153 | P 2 | TWD | 13 | VH3 | -1.25 | TEC | TEH | | | 13 | HOT | 600UL |
| 72 | 70 | 0.34 | 59 | P 2 | TWD | 17 | VC3 | -0.71 | TEH | TEC | | | 31 | COLD | 600UL |
| 72 | 80 | 0.24 | 166 | P 3 | TWD | 11 | DBH | +1.88 | TEC | TEH | | | 5 | HOT | 600UL |
| 72 | 88 | 0.46 | 110 | P 3 | TWD | 27 | DBC | -1.82 | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.55 | 135 | P 5 | TWD | 35 | DBC | -1.82 | DBC | DBC | | | 168 | COLD | 560P2 |
| 72 | 90 | 0.33 | 143 | P 2 | TWD | 20 | VSM | +0.62 | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.30 | 108 | P 5 | TWD | 20 | VSM | +0.97 | VSM | VSM | | | 168 | COLD | 560P2 |
| | | 0.15 | 119 | P 5 | TWD | 12 | VSM | -0.97 | VSM | VSM | | | 168 | COLD | 560P2 |
| 72 | 98 | 0.32 | 77 | P 2 | TWD | 20 | 02H | -1.19 | TEC | TEH | | | 10 | HOT | 600UL |
| 72 | 160 | 0.28 | 120 | 2 | SAI | | 03H | -0.41 | 03H | 03H | 0.36 | | 223 | HOT | 580PP |
| | | 0.43 | 80 | P 2 | TWD | 18 | 03H | -1.13 | TEC | TEH | | | 21 | HOT | 600UL |
| 73 | 17 | 0.42 | 128 | P 2 | TWD | 18 | VH3 | -0.86 | TEC | TEH | | | 7 | HOT | 600UL |
| 73 | 73 | 0.37 | 47 | P 2 | TWD | 19 | VC3 | +0.38 | TEH | TEC | | | 34 | COLD | 600UL |
| | | 0.73 | 112 | P 2 | TWD | 30 | VSM | +0.90 | TEH | TEC | | | 34 | COLD | 600UL |
| | | 0.46 | 94 | P 5 | TWD | 29 | VSM | +0.97 | VSM | VSM | | | 153 | COLD | 560P2 |
| | | 0.37 | 93 | P 5 | TWD | 25 | VC3 | +0.22 | VC3 | VC3 | | | 153 | COLD | 560P2 |
| 73 | 97 | 0.29 | 98 | 2 | SAI | | TSH | +0.51 | TSH | TSH | 0.58 | 18.41 | 145 | HOT | 580PP |
| 73 | 125 | 0.29 | 106 | P 2 | TWD | 16 | VSM | +0.76 | TEH | TEC | | | 3 | COLD | 600UL |
| 73 | 133 | 0.33 | 99 | P 5 | TWD | 22 | VH3 | +0.93 | VH3 | VH3 | | | 172 | COLD | 560P2 |
| | | 0.30 | 103 | P 2 | TWD | 20 | VH3 | +0.87 | TEC | TEH | | | 12 | HOT | 600UL |
| 73 | 163 | 0.69 | 24 | P 2 | TWD | 25 | VH3 | -0.84 | TEC | TEH | | | 21 | HOT | 600UL |
| 74 | 74 | 0.17 | 124 | P 1 | SCI | | TSH | +0.03 | TSH | TSH | 0.00 | 17.83 | 219 | HOT | 580PP |
| 74 | 82 | 0.36 | 142 | P 5 | TWD | 28 | VSM | +0.84 | VSM | VSM | | | 167 | COLD | 560P2 |
| | | 0.24 | 147 | P 5 | TWD | 21 | VSM | -0.98 | VSM | VSM | | | 167 | COLD | 560P2 |
| | | 0.13 | 136 | P 5 | TWD | 13 | VSM | +0.00 | VSM | VSM | | | 167 | COLD | 560P2 |
| | | 0.51 | 138 | P 2 | TWD | 29 | VSM | +0.84 | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.24 | 116 | P 2 | TWD | 18 | VSM | -0.98 | TEC | TEH | | | 6 | HOT | 600UL |
| 74 | 120 | 0.50 | 17 | P 1 | SCI | | TSH | -11.24 | TSH | TSH | 0.72 | 18.93 | 165 | HOT | 580PP |
| 74 | 146 | 0.69 | 124 | P 2 | TWD | 32 | VC3 | +0.91 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.51 | 65 | P 2 | TWD | 27 | VC3 | -0.99 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.46 | 136 | P 2 | TWD | 26 | VH3 | -0.77 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.44 | 91 | P 5 | TWD | 26 | VH3 | -0.89 | VH3 | VH3 | | | 173 | COLD | 560P2 |
| | | 0.48 | 101 | P 5 | TWD | 32 | VC3 | +0.88 | VC3 | VC3 | | | 175 | COLD | 560P2 |
| | | 0.34 | 98 | P 5 | TWD | 26 | VC3 | -0.85 | VC3 | VC3 | | | 175 | COLD | 560P2 |
| 74 | 148 | 0.16 | 103 | P 5 | TWD | 10 | VH3 | -0.89 | VH3 | VH3 | | | 173 | COLD | 560P2 |
| | | 0.17 | 122 | P 2 | TWD | 11 | VH3 | -0.95 | TEC | TEH | | | 20 | HOT | 600UL |
| 75 | 17 | 0.28 | 127 | P 2 | TWD | 15 | VH3 | -0.81 | TEC | TEH | | | 8 | HOT | 600UL |
| 75 | 55 | 0.17 | 104 | 2 | SAI | | 02H | +3.78 TO+14.34 | 02H | 02H | 0.24 | | 204 | HOT | 580PP |
| | | 0.38 | 128 | P 3 | TWD | 15 | DBH | +1.94 | TEH | TEC | | | 27 | COLD | 600UL |
| 75 | 97 | 0.52 | 85 | 2 | MAI | | TSH | +0.31 | TSH | TSH | 0.43 | 18.12 | 144 | HOT | 580PP |
| | | 0.28 | 101 | 2 | MAI | | TSH | +0.56 | TSH | TSH | 0.30 | 18.12 | 144 | HOT | 580PP |
| 75 | 119 | 0.59 | 12 | 2 | SAI | | TSH | -7.24 | TSH | TSH | 0.22 | 17.23 | 161 | HOT | 580PP |
| 75 | 139 | 0.98 | 92 | P 2 | TWD | 33 | VSM | -0.02 | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.31 | 128 | P 2 | TWD | 15 | VH3 | +0.76 | TEC | TEH | | | 15 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.19 | 19 | P 2 | TWD | 9 | VH3 | -0.92 | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.78 | 82 | P 5 | TWD | 39 | VSM | +0.12 | VSM | VSM | | | 173 | COLD | 560P2 |
| | | 0.26 | 142 | P 5 | TWD | 21 | VH3 | +0.89 | VH3 | VH3 | | | 173 | COLD | 560P2 |
| | | 0.15 | 138 | P 5 | TWD | 13 | VH3 | -0.85 | VH3 | VH3 | | | 173 | COLD | 560P2 |
| 75 | 141 | 0.20 | 131 | P 5 | TWD | 16 | VH3 | -0.91 | VH3 | VH3 | | | 173 | COLD | 560P2 |
| | | 0.25 | 132 | P 2 | TWD | 20 | VH3 | -0.89 | TEC | TEH | | | 16 | HOT | 600UL |
| 76 | 26 | 0.30 | 132 | 2 | SAI | | 08H | -0.24 | 08H | 08H | .54 | | 263 | HOT | 580PP |
| 76 | 34 | 0.28 | 91 | P 2 | TWD | 10 | 01H | +1.19 | TEC | TEH | | | 13 | HOT | 600UL |
| 76 | 62 | 0.46 | 12 | 2 | SAI | | 08H | -0.02 | 08H | 08H | 0.50 | | 208 | HOT | 580PP |
| 76 | 84 | 0.14 | 115 | P 5 | TWD | 14 | VH3 | +0.90 | VH3 | VH3 | | | 167 | COLD | 560P2 |
| | | 0.19 | 127 | P 5 | TWD | 18 | VH3 | -0.90 | VH3 | VH3 | | | 167 | COLD | 560P2 |
| | | 0.30 | 73 | P 2 | TWD | 15 | VH3 | -0.86 | TEC | TEH | | | 5 | HOT | 600UL |
| | | 0.22 | 83 | P 2 | TWD | 12 | VH3 | +0.84 | TEC | TEH | | | 5 | HOT | 600UL |
| 76 | 86 | 0.27 | 140 | P 5 | TWD | 23 | DBC | +1.75 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.18 | 162 | P 3 | TWD | 8 | DBC | +2.00 | TEC | TEH | | | 5 | HOT | 600UL |
| 76 | 88 | 0.39 | 68 | P 2 | TWD | 19 | 03H | -1.25 | TEC | TEH | | | 5 | HOT | 600UL |
| 76 | 100 | 0.25 | 58 | P 2 | TWD | 14 | VC3 | -0.88 | TEC | TEH | | | 9 | HOT | 600UL |
| 76 | 124 | 0.22 | 96 | P 2 | TWD | 12 | VC3 | -0.74 | TEH | TEC | | | 3 | COLD | 600UL |
| 76 | 134 | 0.37 | 126 | P 2 | TWD | 17 | VH3 | +0.69 | TEC | TEH | | | 11 | HOT | 600UL |
| 77 | 19 | 0.25 | 129 | P 2 | TWD | 13 | VH3 | +0.81 | TEC | TEH | | | 8 | HOT | 600UL |
| 77 | 31 | 0.41 | 147 | P 2 | TWD | 16 | VSM | +0.80 | TEC | TEH | | | 13 | HOT | 600UL |
| | | 0.28 | 90 | P 2 | TWD | 12 | VSM | +0.29 | TEC | TEH | | | 13 | HOT | 600UL |
| | | 0.15 | 61 | P 5 | TWD | 11 | VSM | +0.38 | VSM | VSM | | | 154 | COLD | 560P2 |
| | | 0.25 | 94 | P 5 | TWD | 19 | VSM | +0.89 | VSM | VSM | | | 154 | COLD | 560P2 |
| 77 | 33 | 0.62 | 87 | P 2 | TWD | 22 | VSM | +0.80 | TEC | TEH | | | 13 | HOT | 600UL |
| | | 0.30 | 104 | P 5 | TWD | 22 | VSM | +0.79 | VSM | VSM | | | 154 | COLD | 560P2 |
| 77 | 39 | 0.36 | 166 | P 3 | TWD | 19 | DBC | +1.62 | TEC | TEH | | | 18 | HOT | 600UL |
| | | 0.30 | 95 | P 5 | TWD | 20 | DBC | +1.59 | DBC | DBC | | | 152 | COLD | 560P2 |
| 77 | 91 | 0.14 | 87 | P 1 | SCI | | TSH | +0.08 | TSH | TSH | 0.30 | 19.60 | 150 | HOT | 580PP |
| 77 | 125 | 0.15 | 9 | P 3 | TWD | 8 | DBH | -2.24 | TEH | TEC | | | 3 | COLD | 600UL |
| 77 | 159 | 0.27 | 88 | P 2 | TWD | 12 | VH3 | -0.82 | TEC | TEH | | | 21 | HOT | 600UL |
| 78 | 22 | 0.39 | 49 | P 3 | TWD | 18 | DBC | -1.88 | TEC | TEH | | | 8 | HOT | 600UL |
| | | 0.60 | 86 | P 2 | TWD | 25 | VC3 | -0.89 | TEC | TEH | | | 8 | HOT | 600UL |
| | | 0.51 | 97 | P 5 | TWD | 29 | DBC | -1.80 | DBC | DBC | | | 151 | COLD | 560P2 |
| | | 0.44 | 104 | P 5 | TWD | 27 | VC3 | -0.82 | VC3 | VC3 | | | 161 | COLD | 560P2 |
| 78 | 32 | 0.19 | 68 | P 3 | TWD | 10 | DBC | -1.38 | TEC | TEH | | | 14 | HOT | 600UL |
| | | 0.11 | 90 | P 5 | TWD | 8 | DBC | -1.22 | DBC | DBC | | | 154 | COLD | 560P2 |
| 78 | 68 | 0.42 | 18 | P 1 | SCI | | TSH | -0.14 | TSH | TSH | 0.40 | 17.82 | 207 | HOT | 580PP |
| 78 | 80 | 0.63 | 26 | P 1 | SCI | | TSH | -0.06 | TSH | TSH | 0.53 | 18.40 | 151 | HOT | 580PP |
| 78 | 120 | 0.27 | 114 | P 2 | TWD | 16 | VC3 | +0.84 | TEH | TEC | | | 4 | COLD | 600UL |
| 78 | 136 | 0.21 | 116 | P 5 | TWD | 15 | DBH | -2.15 | DBH | DBH | | | 172 | COLD | 560P2 |
| | | 0.29 | 58 | P 3 | TWD | 20 | DBH | -2.15 | TEC | TEH | | | 12 | HOT | 600UL |
| 78 | 138 | 0.21 | 103 | P 5 | TWD | 15 | DBC | +1.70 | DBC | DBC | | | 173 | COLD | 560P2 |
| | | 0.19 | 17 | P 3 | TWD | 15 | DBC | +1.74 | TEC | TEH | | | 12 | HOT | 600UL |
| 78 | 142 | 0.36 | 97 | P 5 | TWD | 23 | VH3 | +0.92 | VH3 | VH3 | | | 173 | COLD | 560P2 |
| | | 0.24 | 129 | P 2 | TWD | 16 | VH3 | +0.89 | TEC | TEH | | | 16 | HOT | 600UL |
| 78 | 144 | 0.39 | 56 | P 3 | TWD | 24 | DBC | +1.84 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.41 | 86 | P 5 | TWD | 25 | DBC | +1.64 | DBC | DBC | | | 173 | COLD | 560P2 |
| 78 | 148 | 0.28 | 73 | P 5 | TWD | 22 | 08C | -0.83 | 08C | 08C | | | 136 | COLD | 580PP |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.33 | 145 | P 2 | TWD | 20 | 08C | -0.84 | TEC | TEH | | | 20 | HOT | 600UL |
| 78 | 154 | 0.18 | 139 | P 5 | TWD | 16 | VC3 | -0.85 | VC3 | VC3 | | | 175 | COLD | 560P2 |
| | | 0.27 | 133 | P 5 | TWD | 22 | VC3 | +0.86 | VC3 | VC3 | | | 175 | COLD | 560P2 |
| | | 0.31 | 150 | P 2 | TWD | 19 | VC3 | +0.87 | TEC | TEH | | | 20 | HOT | 600UL |
| 79 | 15 | 0.42 | 21 | P 3 | TWD | 17 | DBH | +1.46 | TEC | TEH | | | 1 | HOT | 600UL |
| | | 0.19 | 88 | P 5 | TWD | 16 | DBH | +1.49 | DBH | DBH | | | 146 | COLD | 560P2 |
| 79 | 19 | 0.25 | 69 | P 3 | TWD | 11 | DBC | +1.75 | TEC | TEH | | | 7 | HOT | 600UL |
| | | 0.31 | 91 | P 5 | TWD | 20 | DBC | +1.76 | DBC | DBC | | | 151 | COLD | 560P2 |
| 79 | 23 | 0.28 | 65 | P 3 | TWD | 12 | DBC | +1.75 | TEC | TEH | | | 7 | HOT | 600UL |
| | | 0.37 | 100 | P 5 | TWD | 23 | DBC | +1.80 | DBC | DBC | | | 151 | COLD | 560P2 |
| 79 | 27 | 0.21 | 111 | 2 | SAI | | 06H | -0.16 | 06H | 06H | 0.0 | | 263 | HOT | 580PP |
| 79 | 75 | 0.41 | 74 | P 2 | TWD | 18 | VH3 | +0.80 | TEH | TEC | | | 33 | COLD | 600UL |
| 79 | 143 | 0.14 | 121 | P 3 | TWD | 11 | DBC | -1.41 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.18 | 105 | P 5 | TWD | 12 | DBC | -1.57 | DBC | DBC | | | 173 | COLD | 560P2 |
| 79 | 155 | 0.28 | 145 | P 2 | TWD | 13 | VSM | +0.74 | TEC | TEH | | | 21 | HOT | 600UL |
| 80 | 78 | 0.35 | 91 | P 1 | SCI | | TSH | +0.07 | TSH | TSH | 0.23 | 19.30 | 150 | HOT | 580PP |
| 80 | 80 | 0.29 | 98 | P 2 | TWD | 15 | VSM | -0.82 | TEC | TEH | | | 5 | HOT | 600UL |
| 80 | 86 | 0.49 | 22 | P 1 | SCI | | TSH | -0.02 | TSH | TSH | 0.61 | 19.18 | 150 | HOT | 580PP |
| | | 0.17 | 121 | P 5 | TWD | 16 | DBC | +2.00 | DBC | DBC | | | 167 | COLD | 560P2 |
| | | 0.15 | 147 | P 3 | TWD | 7 | DBC | +2.00 | TEC | TEH | | | 5 | HOT | 600UL |
| 80 | 88 | 0.16 | 97 | P 3 | TWD | 12 | DBC | -1.75 | TEC | TEH | | | 6 | HOT | 600UL |
| | | 0.14 | 147 | P 5 | TWD | 14 | DBC | -1.75 | DBC | DBC | | | 168 | COLD | 560P2 |
| 80 | 104 | 0.28 | 82 | P 2 | TWD | 14 | VH3 | +1.13 | TEH | TEC | | | 7 | COLD | 600UL |
| | | 0.28 | 20 | P 1 | SCI | | TSH | -0.10 | TSH | TSH | 0.16 | 19.80 | 152 | HOT | 580PP |
| 80 | 112 | 0.22 | 105 | P 5 | TWD | 16 | VSM | -0.81 | VSM | VSM | | | 169 | COLD | 560P2 |
| | | 0.33 | 120 | P 2 | TWD | 19 | VSM | -0.68 | TEH | TEC | | | 5 | COLD | 600UL |
| 80 | 120 | 0.16 | 102 | 2 | SAI | | 02H | -7.76 | 02H | 02H | 0.25 | | 248 | HOT | 580PP |
| 81 | 23 | 0.39 | 36 | P 3 | TWD | 16 | DBC | +1.84 | TEC | TEH | | | 23 | HOT | 600UL |
| | | 0.32 | 97 | P 5 | TWD | 21 | DBC | +1.55 | DBC | DBC | | | 157 | COLD | 560P2 |
| 81 | 109 | 0.37 | 84 | P 3 | TWD | 17 | DBC | +1.82 | TEH | TEC | | | 16 | COLD | 600UL |
| 81 | 151 | 0.29 | 105 | P 5 | TWD | 16 | VH3 | +0.63 | VH3 | VH3 | | | 350 | HOT | 560P2 |
| | | 0.18 | 92 | P 5 | TWD | 10 | VH3 | -0.23 | VH3 | VH3 | | | 350 | HOT | 560P2 |
| | | 0.25 | 119 | P 2 | TWD | 17 | VH3 | +0.60 | TEC | TEH | | | 37 | HOT | 600UL |
| 82 | 54 | 0.55 | 133 | P 2 | TWD | 24 | VH3 | -0.92 | TEH | TEC | | | 35 | COLD | 600UL |
| | | 0.14 | 103 | P 2 | TWD | 8 | VH3 | +1.17 | TEH | TEC | | | 35 | COLD | 600UL |
| | | 0.42 | 91 | P 5 | TWD | 27 | VH3 | -0.94 | VH3 | VH3 | | | 336 | HOT | 560P2 |
| | | 0.23 | 89 | P 5 | TWD | 17 | VH3 | +1.12 | VH3 | VH3 | | | 336 | HOT | 560P2 |
| 82 | 82 | 0.33 | 14 | P 1 | SCI | | TSH | -13.89 | TSH | TSH | 0.86 | 18.12 | 274 | HOT | 580PP |
| 82 | 84 | 0.63 | 22 | P 1 | MCI | | TSH | -13.09 | TSH | TSH | 0.68 | 18.35 | 278 | HOT | 580PP |
| 82 | 104 | 0.33 | 36 | P 1 | SCI | | TSH | -0.09 | TSH | TSH | 0.38 | 18.24 | 294 | HOT | 580PP |
| 82 | 114 | 0.56 | 19 | P 1 | SCI | | TSH | -0.08 | TSH | TSH | 0.32 | 19.83 | 286 | HOT | 580PP |
| 82 | 160 | 0.34 | 121 | P 3 | TWD | 13 | DBH | +1.65 | TEC | TEH | | | 36 | HOT | 600UL |
| | | 0.32 | 93 | P 5 | TWD | 17 | DBH | +2.23 | DBH | DBH | | | 350 | HOT | 560P2 |
| 83 | 59 | 0.24 | 16 | P 1 | SCI | | TSH | -0.17 | TSH | TSH | 0.07 | 18.76 | 308 | HOT | 580PP |
| 83 | 63 | 0.49 | 22 | P 1 | SCI | | TSH | -0.12 | TSH | TSH | 0.51 | 18.97 | 312 | HOT | 580PP |
| 83 | 121 | 0.46 | 16 | P 1 | SCI | | TSH | -9.02 | TSH | TSH | 0.45 | 19.91 | 280 | HOT | 580PP |
| 84 | 48 | 0.37 | 79 | P 2 | TWD | 19 | 09C | +0.16 | TEH | TEC | | | 34 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84 | 114 | 0.32 | 131 | P 2 | TWD | 17 | 09C | +0.00 | TEH | TEC | | | 15 | COLD | 600UL |
| 85 | 91 | 0.36 | 73 | P 2 | TWD | 19 | 09H | -1.22 | TEH | TEC | | | 51 | COLD | 600UL |
| 85 | 95 | 0.36 | 23 | P 1 | SCI | | TSH | -0.23 | TSH | TSH | 0.0 | 18.57 | 288 | HOT | 580PP |
| 85 | 119 | 0.42 | 91 | P 2 | TWD | 21 | 09H | +1.65 | TEH | TEC | | LOCOK | 12 | COLD | 600UL |
| 85 | 123 | 0.35 | 107 | P 2 | TWD | 18 | 09C | +1.16 | TEH | TEC | | | 12 | COLD | 600UL |
| 85 | 127 | 0.23 | 37 | P 3 | TWD | 10 | DBH | -1.77 | TEH | TEC | | | 10 | COLD | 600UL |
| 85 | 141 | 0.32 | 131 | P 2 | TWD | 21 | 09H | +1.19 | TEC | TEH | | | 32 | HOT | 600UL |
| 86 | 32 | 0.24 | 165 | P 3 | TWD | 9 | DBC | +1.02 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.24 | 94 | P 5 | TWD | 14 | DBC | +1.45 | DBC | 09C | | | 156 | COLD | 560P2 |
| 86 | 112 | 0.39 | 51 | P 2 | TWD | 19 | VH2 | +0.73 | TEH | TEC | | | 15 | COLD | 600UL |
| 86 | 130 | 0.21 | 125 | P 2 | TWD | 15 | VC2 | +0.74 | TEC | TEH | | | 30 | HOT | 600UL |
| 87 | 29 | 0.36 | 162 | P 3 | TWD | 17 | DBC | +1.96 | TEC | TEH | | | 24 | HOT | 600UL |
| 87 | 35 | 0.54 | 145 | P 2 | TWD | 18 | VH2 | -0.96 | TEC | TEH | | | 27 | HOT | 600UL |
| 87 | 37 | 0.23 | 57 | P 2 | TWD | 10 | VH2 | +0.79 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.37 | 119 | P 2 | TWD | 16 | VH2 | -0.93 | TEC | TEH | | | 28 | HOT | 600UL |
| 87 | 39 | 0.24 | 131 | P 2 | TWD | 11 | VH2 | -1.24 | TEC | TEH | | | 28 | HOT | 600UL |
| 87 | 43 | 0.32 | 170 | P 3 | TWD | 18 | DBH | +1.29 | TEC | TEH | | | 28 | HOT | 600UL |
| 87 | 59 | 0.92 | 29 | P 1 | SCI | | TSH | -10.53 | TSH | TSH | 1.19 | 18.77 | 308 | HOT | 580PP |
| 87 | 83 | 0.40 | 18 | P 1 | SCI | | TSH | -16.77 | TSH | TSH | 0.23 | 17.87 | 274 | HOT | 580PP |
| 87 | 125 | 0.43 | 96 | P 2 | TWD | 20 | VH2 | -0.89 | TEH | TEC | | | 10 | COLD | 600UL |
| 87 | 129 | 0.41 | 148 | P 2 | TWD | 19 | VH2 | -0.85 | TEH | TEC | | | 10 | COLD | 600UL |
| 88 | 34 | 0.36 | 142 | P 2 | TWD | 13 | VH2 | -1.14 | TEC | TEH | | | 27 | HOT | 600UL |
| 88 | 48 | 0.45 | 89 | P 2 | TWD | 22 | VH2 | -0.77 | TEH | TEC | | | 34 | COLD | 600UL |
| 88 | 52 | 0.15 | 163 | P 3 | TWD | 10 | DBH | +1.85 | TEH | TEC | | | 36 | COLD | 600UL |
| 88 | 108 | 0.32 | 82 | P 2 | TWD | 17 | VH2 | -0.87 | TEH | TEC | | | 17 | COLD | 600UL |
| 88 | 150 | 0.26 | 15 | P 2 | TWD | 17 | 06H | -0.41 | TEC | TEH | LAR | | 37 | HOT | 600UL |
| | | 0.23 | 108 | P 5 | TWD | 13 | 06H | -0.38 | 06H | 06H | | | 226 | HOT | 580PP |
| 89 | 33 | 0.36 | 118 | P 2 | TWD | 15 | VH2 | -0.99 | TEC | TEH | | | 28 | HOT | 600UL |
| 89 | 35 | 0.50 | 117 | P 2 | TWD | 17 | VH2 | -0.98 | TEC | TEH | | | 27 | HOT | 600UL |
| 89 | 37 | 0.70 | 138 | P 2 | TWD | 21 | VH2 | -1.24 | TEC | TEH | | | 27 | HOT | 600UL |
| 89 | 45 | 0.35 | 51 | P 2 | TWD | 15 | VH2 | -1.24 | TEC | TEH | | | 28 | HOT | 600UL |
| 89 | 57 | 0.25 | 158 | P 3 | TWD | 15 | DBH | +1.55 | TEH | TEC | | | 36 | COLD | 600UL |
| 89 | 73 | 0.35 | 126 | P 2 | TWD | 17 | VC2 | -0.73 | TEH | TEC | | | 40 | COLD | 600UL |
| 89 | 99 | 0.70 | 23 | P 1 | MCI | | TSH | -0.10 | TSH | TSH | 0.36 | 18.62 | 293 | HOT | 580PP |
| 89 | 123 | 0.39 | 113 | P 2 | TWD | 20 | VH2 | -0.79 | TEH | TEC | | | 12 | COLD | 600UL |
| 89 | 125 | 0.34 | 59 | P 2 | TWD | 19 | VH2 | -0.82 | TEH | TEC | | | 11 | COLD | 600UL |
| 89 | 127 | 0.40 | 135 | P 2 | TWD | 19 | VH2 | -0.79 | TEH | TEC | | | 10 | COLD | 600UL |
| 89 | 137 | 0.22 | 84 | P 2 | TWD | 16 | VH2 | -0.94 | TEC | TEH | | | 30 | HOT | 600UL |
| 89 | 141 | 0.22 | 69 | P 2 | TWD | 16 | VH2 | +0.73 | TEC | TEH | | | 32 | HOT | 600UL |
| 89 | 143 | 0.30 | 76 | P 2 | TWD | 14 | VH2 | -0.81 | TEC | TEH | | | 31 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89 | 157 | 0.38 | 162 | P 3 | TWD | 14 | DBH +1.37 | TEC | TEH | | | 36 | HOT | 600UL |
| | | 0.27 | 90 | P 5 | TWD | 14 | DBH +1.82 | DBH | DBH | | | 350 | HOT | 560P2 |
| 90 | 22 | 0.47 | 137 | P 2 | TWD | 19 | 07C -1.12 | TEC | TEH | | | 23 | HOT | 600UL |
| 90 | 78 | 0.47 | 103 | P 2 | TWD | 22 | 03H -1.15 | TEH | TEC | | | 48 | COLD | 600UL |
| 90 | 94 | 0.54 | 66 | P 2 | TWD | 22 | 03H -1.25 | TEH | TEC | | | 52 | COLD | 600UL |
| 91 | 23 | 0.41 | 112 | P 2 | TWD | 17 | VH2 -0.98 | TEC | TEH | | | 23 | HOT | 600UL |
| 91 | 53 | 0.34 | 88 | P 2 | TWD | 17 | 02H +0.84 | TEH | TEC | | | 35 | COLD | 600UL |
| 91 | 97 | 0.69 | 23 | P 1 | SCI | | TSH -0.08 | TSH | TSH | 0.81 | 18.37 | 292 | HOT | 580PP |
| 91 | 129 | 0.22 | 29 | P 3 | TWD | 10 | DBH -1.81 | TEH | TEC | | | 10 | COLD | 600UL |
| 92 | 26 | 0.52 | 62 | P 2 | TWD | 23 | VH2 -0.75 | TEC | TEH | | | 24 | HOT | 600UL |
| 92 | 32 | 0.45 | 143 | P 2 | TWD | 15 | VSM -0.83 | TEC | TEH | | | 27 | HOT | 600UL |
| 92 | 36 | 0.85 | 93 | P 2 | TWD | 24 | VH2 -1.22 | TEC | TEH | | | 27 | HOT | 600UL |
| 92 | 46 | 0.26 | 139 | P 2 | TWD | 12 | VSM +0.76 | TEC | TEH | | | 28 | HOT | 600UL |
| 93 | 27 | 0.35 | 113 | P 2 | TWD | 17 | VH2 -0.91 | TEC | TEH | | | 24 | HOT | 600UL |
| 93 | 31 | 0.53 | 141 | P 2 | TWD | 17 | VH2 -1.22 | TEC | TEH | | | 27 | HOT | 600UL |
| 93 | 33 | 0.38 | 98 | P 2 | TWD | 16 | VH2 -1.03 | TEC | TEH | | | 28 | HOT | 600UL |
| 93 | 51 | 0.36 | 109 | P 2 | TWD | 19 | VH2 -0.78 | TEH | TEC | | | 36 | COLD | 600UL |
| 93 | 55 | 0.24 | 80 | 2 | SAI | | 04H -0.15 | 04H | 04H | 0.00 | | 302 | HOT | 580PP |
| 93 | 139 | 0.29 | 142 | P 2 | TWD | 19 | VH2 -0.89 | TEC | TEH | | | 32 | HOT | 600UL |
| 93 | 153 | 0.12 | 100 | P 5 | TWD | 11 | 03C +0.90 | 03C | 03C | | | 136 | COLD | 580PP |
| | | 0.35 | 91 | P 5 | TWD | 25 | 05C -0.92 | 05C | 05C | | | 136 | COLD | 580PP |
| | | 0.29 | 100 | P 2 | TWD | 19 | 03C +0.92 | TEC | TEH | | | 37 | HOT | 600UL |
| | | 0.31 | 40 | P 2 | TWD | 20 | 05C +0.00 | TEC | TEH | | | 37 | HOT | 600UL |
| 94 | 24 | 0.43 | 114 | P 2 | TWD | 18 | VH2 +0.20 | TEC | TEH | | | 23 | HOT | 600UL |
| 94 | 32 | 0.17 | 82 | 2 | SAI | | 06H +0.66 | 06H | 06H | 0.19 | | 267 | HOT | 580PP |
| | | 0.51 | 46 | P 2 | TWD | 17 | 06H +0.02 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.68 | 129 | P 2 | TWD | 21 | VH2 -1.12 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.42 | 119 | P 2 | TWD | 14 | 06H +0.61 | TEC | TEH | | | 27 | HOT | 600UL |
| 94 | 36 | 0.69 | 77 | P 2 | TWD | 21 | VH2 -1.25 | TEC | TEH | | | 27 | HOT | 600UL |
| 94 | 84 | 0.21 | 102 | P 2 | TWD | 12 | VH3 +0.84 | TEH | TEC | | | 48 | COLD | 600UL |
| 95 | 25 | 0.63 | 119 | P 2 | TWD | 24 | VH2 -1.14 | TEC | TEH | | | 23 | HOT | 600UL |
| | | 0.26 | 116 | P 5 | TWD | 18 | 03H +0.76 | 03H | 03H | | | 267 | HOT | 580PP |
| 95 | 33 | 0.39 | 109 | 2 | SAI | | 06H -0.03 | 06H | 06H | 0.00 | | 267 | HOT | 580PP |
| 95 | 39 | 0.39 | 120 | P 2 | TWD | 14 | VSM +0.63 | TEC | TEH | | | 27 | HOT | 600UL |
| 96 | 142 | 0.23 | 110 | P 2 | TWD | 16 | VH2 -0.93 | TEC | TEH | | | 32 | HOT | 600UL |
| 96 | 150 | 0.31 | 131 | P 2 | TWD | 20 | VH2 -0.82 | TEC | TEH | | | 37 | HOT | 600UL |
| 97 | 109 | 0.39 | 102 | 2 | SAI | | 06C -8.38 | 06C | 06C | 0.33 | | 137 | COLD | 580PP |
| 97 | 139 | 0.24 | 73 | P 2 | TWD | 16 | VSM -0.21 | TEC | TEH | | | 32 | HOT | 600UL |
| 98 | 30 | 0.29 | 103 | 2 | SAI | | 06H +0.79 | 06H | 06H | 0.63 | | 267 | HOT | 580PP |
| 98 | 56 | 3.20 | 33 | P 1 | SCI | | TSH -14.48 | TSH | TSH | 4.03 | 18.41 | 305 | HOT | 580PP |
| 98 | 74 | 0.19 | 157 | P 2 | TWD | 11 | VC2 +0.77 | TEH | TEC | | | 39 | COLD | 600UL |
| 98 | 130 | 0.21 | 43 | P 2 | TWD | 15 | VH2 -0.95 | TEC | TEH | | | 30 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 99 | 75 | 0.76 | 24 | P 1 | SCI | | TSH | -0.11 | TSH | TSH | 0.00 | 18.42 | 317 | HOT | 580PP |
| 99 | 121 | 0.23 | 87 | P 2 | TWD | 14 | VH2 | -0.90 | TEH | TEC | | | 13 | COLD | 600UL |
| 99 | 123 | 0.19 | 119 | P 2 | TWD | 11 | VC2 | +0.75 | TEH | TEC | | | 13 | COLD | 600UL |
| 99 | 131 | 0.34 | 119 | P 2 | TWD | 22 | VH3 | -0.81 | TEC | TEH | | | 30 | HOT | 600UL |
| | | 0.22 | 99 | P 5 | TWD | 12 | VH3 | +0.88 | VH3 | VH3 | | | 350 | HOT | 560P2 |
| | | 0.35 | 96 | P 5 | TWD | 18 | VH3 | -0.86 | VH3 | VH3 | | | 350 | HOT | 560P2 |
| 100 | 150 | 0.39 | 52 | P 2 | TWD | 23 | VH2 | +0.90 | TEC | TEH | | | 37 | HOT | 600UL |
| 101 | 27 | 0.50 | 138 | P 2 | TWD | 20 | VH2 | +0.59 | TEC | TEH | | | 23 | HOT | 600UL |
| 101 | 147 | 0.37 | 92 | P 5 | TWD | 21 | VSM | -0.66 | VSM | VSM | | | 350 | HOT | 560P2 |
| | | 0.46 | 61 | P 2 | TWD | 20 | VSM | -0.66 | TEC | TEH | | | 31 | HOT | 600UL |
| 102 | 26 | 0.30 | 74 | P 5 | TWD | 16 | 06H | +0.81 | 06H | 06H | | | 267 | HOT | 580PP |
| | | 0.37 | 111 | P 2 | TWD | 18 | 06H | +0.81 | TEC | TEH | | | 24 | HOT | 600UL |
| 102 | 140 | 0.25 | 91 | P 3 | TWD | 18 | DBC | +1.91 | TEC | TEH | | | 32 | HOT | 600UL |
| | | 0.35 | 61 | P 2 | TWD | 22 | VH2 | -0.98 | TEC | TEH | | | 32 | HOT | 600UL |
| 104 | 40 | 0.45 | 170 | P 3 | TWD | 23 | DBC | +2.06 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.33 | 64 | P 5 | TWD | 19 | DBC | +2.13 | DBC | DBC | | | 156 | COLD | 560P2 |
| 106 | 30 | 0.35 | 109 | P 2 | TWD | 15 | 06H | +0.76 | TEC | TEH | | | 23 | HOT | 600UL |
| | | 0.28 | 80 | P 5 | TWD | 15 | 06H | +0.83 | 06H | 06H | | | 267 | HOT | 580PP |
| 106 | 78 | 0.19 | 96 | P 5 | TWD | 12 | VC2 | +1.05 | VC2 | VC2 | | | 157 | COLD | 560P2 |
| | | 0.23 | 82 | P 5 | TWD | 14 | VC2 | -0.66 | VC2 | VC2 | APN | | 157 | COLD | 560P2 |
| | | 0.26 | 148 | P 2 | TWD | 14 | VC2 | +0.94 | TEC | TEH | | | 129 | HOT | 600UL |
| | | 0.20 | 156 | P 2 | TWD | 11 | VC2 | -0.76 | TEC | TEH | | | 129 | HOT | 600UL |
| 106 | 140 | 0.35 | 122 | P 3 | TWD | 23 | DBC | +1.68 | TEC | TEH | | | 32 | HOT | 600UL |
| 107 | 29 | 0.29 | 70 | P 5 | TWD | 20 | DBC | +1.67 | DBC | DBC | APN | | 157 | COLD | 560P2 |
| | | 0.49 | 163 | P 3 | TWD | 22 | DBC | +1.72 | TEC | TEH | | | 24 | HOT | 600UL |
| 107 | 97 | 0.18 | 99 | P 5 | TWD | 13 | VH3 | -0.86 | VH3 | VH3 | | | 356 | HOT | 560P2 |
| | | 0.23 | 126 | P 2 | TWD | 12 | VH3 | -0.86 | TEH | TEC | | | 53 | COLD | 600UL |
| 107 | 125 | 0.15 | 66 | P 3 | TWD | 7 | DBH | -1.42 | TEH | TEC | | | 10 | COLD | 600UL |
| | | 0.15 | 84 | P 5 | TWD | 9 | DBH | -1.55 | DBH | DBH | | | 355 | HOT | 560P2 |
| 108 | 36 | 0.32 | 93 | P 5 | TWD | 19 | DBC | -1.94 | DBC | DBC | | | 157 | COLD | 560P2 |
| | | 0.33 | 106 | P 3 | TWD | 19 | DBC | -1.40 | TEC | TEH | | | 28 | HOT | 600UL |
| 110 | 138 | 0.26 | 124 | P 2 | TWD | 18 | VC3 | -0.96 | TEC | TEH | | | 30 | HOT | 600UL |
| | | 0.29 | 98 | P 5 | TWD | 21 | VC3 | -0.90 | VC3 | VC3 | | | 163 | COLD | 560P2 |
| 110 | 144 | 0.35 | 158 | P 3 | TWD | 23 | DBC | +2.24 | TEC | TEH | | | 32 | HOT | 600UL |
| 111 | 33 | 0.39 | 101 | P 2 | TWD | 14 | 03H | -0.77 | TEC | TEH | | | 27 | HOT | 600UL |
| 111 | 37 | 0.43 | 38 | P 3 | TWD | 15 | DBH | +1.51 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.35 | 95 | P 5 | TWD | 24 | DBH | +1.80 | DBH | DBH | | | 325 | HOT | 560P2 |
| 111 | 39 | 0.36 | 173 | P 3 | TWD | 20 | DBH | +1.55 | TEC | TEH | | | 28 | HOT | 600UL |
| 111 | 101 | 0.19 | 50 | P 3 | TWD | 7 | DBH | -0.69 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.18 | 100 | P 5 | TWD | 13 | DBH | -0.95 | DBH | DBH | | | 356 | HOT | 560P2 |
| 112 | 116 | 0.20 | 118 | P 2 | TWD | 12 | VH3 | -0.83 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.16 | 101 | P 5 | TWD | 9 | VH3 | -0.77 | VH3 | VH3 | AIC | | 355 | HOT | 560P2 |
| 112 | 144 | 0.48 | 98 | P 5 | TWD | 24 | DBH | +2.00 | DBH | DBH | | | 350 | HOT | 560P2 |
| | | 0.55 | 165 | P 3 | TWD | 19 | DBH | +1.83 | TEC | TEH | | | 31 | HOT | 600UL |
| 113 | 37 | 0.26 | 126 | P 2 | TWD | 11 | VH2 | -0.99 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.18 | 96 | P 5 | TWD | 14 | VH2 | -0.99 | VH2 | VH2 | | | 325 | HOT | 560P2 |
| 113 | 39 | 0.51 | 116 | P 3 | TWD | 18 | DBH | +1.19 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.46 | 96 | P 5 | TWD | 29 | DBH | +2.00 | DBH | DBH | | | 325 | HOT | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 113 | 41 | 0.71 | 103 | P 2 | TWD | 22 | VH2 | -0.60 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.35 | 94 | P 5 | TWD | 25 | VH2 | -0.74 | VH2 | VH2 | AIC | | 327 | HOT | 560P2 |
| 114 | 38 | 0.34 | 150 | P 2 | TWD | 12 | 06C | -0.83 | TEC | TEH | | | 27 | HOT | 600UL |
| 114 | 96 | 0.17 | 88 | P 5 | TWD | 12 | VH3 | -0.82 | VH3 | VH3 | | | 356 | HOT | 560P2 |
| | | 0.28 | 123 | P 2 | TWD | 14 | VH3 | -0.82 | TEH | TEC | | | 53 | COLD | 600UL |
| 114 | 110 | 0.27 | 55 | P 3 | TWD | 16 | DBH | -1.42 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.33 | 91 | P 5 | TWD | 18 | DBH | -1.42 | DBH | DBH | | | 352 | HOT | 560P2 |
| 115 | 41 | 0.39 | 163 | P 3 | TWD | 21 | DBC | +1.53 | TEC | TEH | | | 28 | HOT | 600UL |
| 115 | 53 | 0.24 | 64 | P 2 | TWD | 13 | 02H | +0.92 | TEH | TEC | | | 35 | COLD | 600UL |
| 115 | 69 | 0.32 | 37 | P 2 | TWD | 16 | 01H | +0.83 | TEH | TEC | | | 40 | COLD | 600UL |
| 115 | 109 | 0.30 | 79 | P 2 | TWD | 15 | 01H | +0.88 | TEH | TEC | | | 17 | COLD | 600UL |
| 115 | 129 | 0.29 | 107 | P 2 | TWD | 15 | VH2 | -0.74 | TEH | TEC | | | 10 | COLD | 600UL |
| 116 | 68 | 0.29 | 42 | P 2 | TWD | 15 | 08H | -1.10 | TEH | TEC | | | 39 | COLD | 600UL |
| 116 | 102 | 0.33 | 131 | P 3 | TWD | 16 | DBH | +0.57 | TEH | TEC | | | 16 | COLD | 600UL |
| | | 0.25 | 99 | P 5 | TWD | 14 | DBH | +0.62 | DBH | 10H | | | 367 | HOT | 560P2 |
| 117 | 49 | 0.11 | 118 | 2 | SAI | | 06H | +2.77 | 06H | 06H | 0.11 | | 300 | HOT | 580PP |
| 117 | 71 | 0.46 | 111 | P 2 | TWD | 21 | VH1 | -0.83 | TEH | TEC | | | 39 | COLD | 600UL |
| 117 | 115 | 0.30 | 50 | P 2 | TWD | 16 | 01H | +0.86 | TEH | TEC | | | 15 | COLD | 600UL |
| 118 | 88 | 0.20 | 141 | P 3 | TWD | 8 | DBH | -1.71 | TEH | TEC | | | 50 | COLD | 600UL |
| | | 0.14 | 103 | P 5 | TWD | 10 | DBH | -1.75 | DBH | DBH | | | 354 | HOT | 560P2 |
| 118 | 90 | 0.17 | 22 | P 3 | TWD | 8 | DBH | -1.70 | TEH | TEC | | | 50 | COLD | 600UL |
| 119 | 37 | 0.19 | 115 | P 5 | TWD | 11 | DBC | +1.94 | DBC | DBC | | | 157 | COLD | 560P2 |
| | | 0.30 | 95 | P 5 | TWD | 18 | DBC | -1.74 | DBC | DBC | | | 157 | COLD | 560P2 |
| | | 0.51 | 18 | P 3 | TWD | 18 | DBC | +1.57 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.22 | 19 | P 3 | TWD | 9 | DBC | -1.78 | TEC | TEH | LAR | | 27 | HOT | 600UL |
| 119 | 41 | 0.44 | 146 | P 2 | TWD | 18 | 09H | -1.07 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.41 | 144 | P 2 | TWD | 17 | VH1 | -1.13 | TEC | TEH | | | 28 | HOT | 600UL |
| 119 | 45 | 0.41 | 152 | P 2 | TWD | 17 | VH1 | -0.97 | TEC | TEH | | | 28 | HOT | 600UL |
| 119 | 55 | 0.34 | 80 | P 5 | TWD | 23 | DBH | +2.14 | DBH | DBH | | | 336 | HOT | 560P2 |
| | | 0.29 | 68 | P 3 | TWD | 13 | DBH | +2.09 | TEH | TEC | | | 35 | COLD | 600UL |
| 119 | 57 | 0.43 | 39 | P 2 | TWD | 20 | 01H | -0.29 | TEH | TEC | | | 35 | COLD | 600UL |
| 119 | 59 | 0.31 | 105 | P 2 | TWD | 17 | VH1 | -1.03 | TEH | TEC | | | 37 | COLD | 600UL |
| 119 | 61 | 0.38 | 144 | P 2 | TWD | 19 | VH1 | -0.89 | TEH | TEC | | | 38 | COLD | 600UL |
| 119 | 63 | 0.60 | 128 | P 2 | TWD | 26 | VH1 | -0.96 | TEH | TEC | | | 38 | COLD | 600UL |
| 119 | 65 | 0.43 | 142 | P 2 | TWD | 21 | VH1 | -0.96 | TEH | TEC | | | 38 | COLD | 600UL |
| 119 | 67 | 0.40 | 136 | P 2 | TWD | 20 | VH1 | -0.77 | TEH | TEC | | | 38 | COLD | 600UL |
| 119 | 69 | 0.38 | 139 | P 2 | TWD | 18 | VH1 | -0.84 | TEH | TEC | | | 40 | COLD | 600UL |
| 119 | 71 | 0.42 | 148 | P 2 | TWD | 19 | VH1 | -0.84 | TEH | TEC | | | 40 | COLD | 600UL |
| 119 | 79 | 0.45 | 98 | P 5 | TWD | 30 | DBH | +1.98 | DBH | DBH | | | 354 | HOT | 560P2 |
| | | 0.35 | 92 | P 3 | TWD | 17 | DBH | +2.00 | TEH | TEC | | | 48 | COLD | 600UL |
| 119 | 81 | 0.51 | 105 | P 2 | TWD | 23 | VH1 | -0.95 | TEH | TEC | | | 48 | COLD | 600UL |
| 119 | 95 | 0.42 | 115 | P 3 | TWD | 15 | DBH | -0.81 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.42 | 107 | P 2 | TWD | 18 | VH1 | -0.99 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.44 | 97 | P 5 | TWD | 25 | DBH | -1.60 | DBH | DBH | | | 356 | HOT | 560P2 |
| 119 | 97 | 0.42 | 69 | P 2 | TWD | 18 | VH1 | -0.95 | TEH | TEC | | | 52 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.33 | 128 | P 3 | TWD | 12 | DBH | -1.70 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.26 | 104 | P 5 | TWD | 17 | DBH | -1.70 | DBH | DBH | | | 356 | HOT | 560P2 |
| 119 | 99 | 0.33 | 86 | P 3 | TWD | 12 | DBH | -1.42 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.44 | 127 | P 2 | TWD | 19 | VH1 | -0.98 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.31 | 100 | P 5 | TWD | 20 | DBH | -1.90 | DBH | DBH | | | 356 | HOT | 560P2 |
| 119 | 101 | 0.26 | 134 | P 3 | TWD | 7 | DBH | -1.75 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.37 | 96 | P 5 | TWD | 23 | DBH | -1.75 | DBH | DBH | | | 356 | HOT | 560P2 |
| 119 | 109 | 0.47 | 11 | P 3 | TWD | 24 | DBH | +1.87 | TEH | TEC | LAR | | 17 | COLD | 600UL |
| | | 0.34 | 97 | P 5 | TWD | 18 | DBH | +1.91 | DBH | DBH | | | 352 | HOT | 560P2 |
| 119 | 111 | 0.52 | 138 | P 3 | TWD | 26 | DBH | +2.04 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.48 | 73 | P 2 | TWD | 22 | VH1 | -0.64 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.40 | 105 | P 5 | TWD | 21 | DBH | +2.04 | DBH | DBH | | | 352 | HOT | 560P2 |
| 120 | 38 | 0.31 | 93 | P 5 | TWD | 19 | DBC | +2.11 | DBC | 10C | | | 157 | COLD | 560P2 |
| | | 0.24 | 89 | P 5 | TWD | 15 | DBC | -1.68 | DBC | 10C | | | 157 | COLD | 560P2 |
| | | 0.29 | 134 | P 3 | TWD | 11 | DBC | +1.83 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.25 | 97 | P 3 | TWD | 10 | DBC | -1.63 | TEC | TEH | | | 27 | HOT | 600UL |
| 120 | 42 | 0.41 | 128 | P 2 | TWD | 17 | VH1 | -1.17 | TEC | TEH | | | 28 | HOT | 600UL |
| 120 | 50 | 0.31 | 153 | P 2 | TWD | 16 | VH1 | -0.86 | TEH | TEC | | | 34 | COLD | 600UL |
| 120 | 66 | 0.61 | 88 | P 5 | TWD | 33 | DBH | -2.07 | DBH | 10H | | | 336 | HOT | 560P2 |
| | | 0.43 | 117 | P 3 | TWD | 21 | DBH | -1.34 | TEH | TEC | | | 38 | COLD | 600UL |
| 120 | 74 | 0.25 | 97 | P 2 | TWD | 13 | 10H | -1.23 | TEH | TEC | | | 40 | COLD | 600UL |
| | | 0.23 | 104 | P 5 | TWD | 15 | 10H | -1.18 | 10H | 10H | | | 317 | HOT | 580PP |
| 120 | 80 | 0.49 | 80 | P 5 | TWD | 24 | DBH | -1.86 | VH1 | 09H | ARS | | 195 | HOT | 560P2 |
| | | 0.23 | 41 | P 3 | TWD | 12 | DBH | -1.90 | TEH | TEC | | | 48 | COLD | 600UL |
| 120 | 86 | 0.22 | 63 | P 3 | TWD | 10 | DBH | -0.99 | TEH | TEC | | | 50 | COLD | 600UL |
| | | 0.28 | 133 | P 2 | TWD | 13 | 10H | +1.25 | TEH | TEC | | | 50 | COLD | 600UL |
| | | 0.37 | 74 | P 5 | TWD | 20 | DBH | -1.75 | VH1 | 09H | | | 195 | HOT | 560P2 |
| | | 0.27 | 85 | P 5 | TWD | 15 | 10H | +1.50 | VH1 | 09H | | | 195 | HOT | 560P2 |
| 120 | 88 | 0.29 | 52 | P 2 | TWD | 16 | 03H | -0.12 | TEH | TEC | | AAS | 51 | COLD | 600UL |
| 120 | 92 | 0.31 | 101 | P 3 | TWD | 12 | DBH | -2.14 | TEH | TEC | | | 50 | COLD | 600UL |
| | | 0.34 | 98 | P 5 | TWD | 21 | DBH | -1.92 | DBH | DBH | | | 356 | HOT | 560P2 |
| 120 | 94 | 0.11 | 112 | P 3 | TWD | 8 | DBH | -1.79 | TEH | TEC | | | 53 | COLD | 600UL |
| | | 0.23 | 69 | P 5 | TWD | 13 | DBH | -1.77 | VH1 | 09H | | | 195 | HOT | 560P2 |
| 120 | 106 | 0.47 | 23 | P 3 | TWD | 21 | DBH | +1.64 | TEH | TEC | | | 16 | COLD | 600UL |
| | | 0.52 | 77 | P 5 | TWD | 25 | DBH | +1.94 | DBH | DBH | | | 352 | HOT | 560P2 |
| 120 | 114 | 0.23 | 93 | P 3 | TWD | 15 | DBH | -1.85 | TEH | TEC | | | 15 | COLD | 600UL |
| 120 | 120 | 0.25 | 93 | P 2 | TWD | 14 | VH1 | -0.82 | TEH | TEC | | | 12 | COLD | 600UL |
| 120 | 138 | 0.49 | 96 | P 5 | TWD | 25 | DBH | -2.03 | 10H | DBH | | | 350 | HOT | 560P2 |
| | | 0.45 | 108 | P 3 | TWD | 18 | DBH | -1.57 | TEC | TEH | | | 29 | HOT | 600UL |
| 121 | 39 | 0.24 | 122 | P 5 | TWD | 18 | 03C | -0.99 | 03C | 03C | | | 135 | COLD | 580PP |
| | | 0.56 | 94 | P 2 | TWD | 18 | 03C | -0.94 | TEC | TEH | | | 27 | HOT | 600UL |
| 121 | 43 | 0.53 | 157 | P 2 | TWD | 20 | VH1 | -0.95 | TEC | TEH | | | 28 | HOT | 600UL |
| 121 | 59 | 0.46 | 142 | P 2 | TWD | 22 | VH1 | -0.96 | TEH | TEC | | | 38 | COLD | 600UL |
| 121 | 67 | 0.18 | 107 | P 5 | TWD | 15 | DBH | -1.97 | DBH | 10H | | | 336 | HOT | 560P2 |
| | | 0.13 | 43 | P 3 | TWD | 7 | DBH | -1.68 | TEH | TEC | | | 37 | COLD | 600UL |
| 121 | 75 | 0.41 | 133 | P 2 | TWD | 20 | VH1 | -0.92 | TEH | TEC | | | 40 | COLD | 600UL |
| 121 | 83 | 0.44 | 113 | P 2 | TWD | 22 | VH1 | -0.92 | TEH | TEC | | | 49 | COLD | 600UL |
| 121 | 99 | 0.49 | 138 | P 2 | TWD | 22 | VH1 | -0.94 | TEH | TEC | | | 53 | COLD | 600UL |
| 121 | 103 | 0.41 | 120 | P 2 | TWD | 20 | VH1 | -0.83 | TEH | TEC | | | 17 | COLD | 600UL |
| | | 0.32 | 79 | P 2 | TWD | 16 | VH1 | +0.85 | TEH | TEC | | | 17 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 121 | 107 | 0.44 | 79 | P 2 | TWD | 22 | VH1 | -0.82 | TEH | TEC | | | 16 | COLD | 600UL |
| 121 | 115 | 0.46 | 115 | P 2 | TWD | 22 | VH1 | -0.92 | TEH | TEC | | | 15 | COLD | 600UL |
| 121 | 125 | 0.33 | 90 | P 2 | TWD | 18 | 10H | +0.52 | TEH | TEC | | | 11 | COLD | 600UL |
| | | 0.29 | 91 | P 5 | TWD | 20 | 10H | +0.62 | 10H | 10H | | | 277 | HOT | 580PP |
| 121 | 137 | 0.22 | 89 | P 5 | TWD | 12 | DBH | -1.69 | 10H | DBH | | | 350 | HOT | 560P2 |
| | | 0.19 | 160 | P 3 | TWD | 9 | DBH | -1.57 | TEC | TEH | | | 29 | HOT | 600UL |
| 122 | 94 | 0.26 | 119 | P 3 | TWD | 10 | DBH | +1.72 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.37 | 86 | P 5 | TWD | 22 | DBH | +1.72 | DBH | DBH | | | 356 | HOT | 560P2 |
| 122 | 96 | 0.46 | 93 | P 5 | TWD | 26 | DBH | +1.91 | DBH | DBH | | | 356 | HOT | 560P2 |
| | | 0.37 | 126 | P 3 | TWD | 21 | DBH | +1.91 | TEH | TEC | | | 53 | COLD | 600UL |
| 122 | 108 | 0.32 | 114 | P 2 | TWD | 17 | 09H | -1.11 | TEH | TEC | | | 17 | COLD | 600UL |
| 122 | 112 | 0.19 | 33 | P 2 | TWD | 11 | 10H | -1.16 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.25 | 98 | P 5 | TWD | 15 | 10H | -0.99 | 10H | 10H | | | 286 | HOT | 580PP |
| 122 | 114 | 0.31 | 80 | P 2 | TWD | 17 | 10H | +0.87 | TEH | TEC | | | 14 | COLD | 600UL |
| | | 0.24 | 100 | P 5 | TWD | 14 | 10H | +0.89 | 10H | 10H | | | 286 | HOT | 580PP |
| 122 | 124 | 0.40 | 133 | P 3 | TWD | 18 | DBH | +1.70 | TEH | TEC | | | 12 | COLD | 600UL |
| | | 0.40 | 93 | P 5 | TWD | 20 | DBH | +1.76 | 10H | DBH | | | 352 | HOT | 560P2 |
| 123 | 57 | 0.26 | 40 | P 2 | TWD | 14 | 04H | +0.92 | TEH | TEC | | | 35 | COLD | 600UL |
| 123 | 59 | 0.35 | 124 | P 2 | TWD | 19 | VH1 | -0.88 | TEH | TEC | | | 37 | COLD | 600UL |
| 123 | 63 | 0.38 | 150 | P 2 | TWD | 19 | VH1 | -0.96 | TEH | TEC | | | 38 | COLD | 600UL |
| 123 | 65 | 0.31 | 95 | P 5 | TWD | 22 | DBH | -0.65 | DBH | DBH | | | 336 | HOT | 560P2 |
| | | 0.30 | 135 | P 3 | TWD | 16 | DBH | -0.75 | TEH | TEC | | | 38 | COLD | 600UL |
| | | 0.49 | 136 | P 2 | TWD | 22 | VH1 | -0.92 | TEH | TEC | | | 38 | COLD | 600UL |
| 123 | 67 | 0.48 | 142 | P 2 | TWD | 22 | VH1 | -0.92 | TEH | TEC | | | 38 | COLD | 600UL |
| 123 | 69 | 0.50 | 147 | P 2 | TWD | 22 | VH1 | -0.80 | TEH | TEC | | | 40 | COLD | 600UL |
| 123 | 71 | 0.45 | 131 | P 2 | TWD | 21 | VH1 | -0.84 | TEH | TEC | | | 40 | COLD | 600UL |
| 123 | 73 | 0.32 | 44 | P 2 | TWD | 16 | 01H | +1.13 | TEH | TEC | | | 39 | COLD | 600UL |
| 123 | 77 | 0.23 | 35 | P 2 | TWD | 13 | VH2 | -0.70 | TEH | TEC | | | 48 | COLD | 600UL |
| 123 | 95 | 0.56 | 156 | P 2 | TWD | 22 | VH1 | -0.91 | TEH | TEC | | | 52 | COLD | 600UL |
| 123 | 97 | 0.51 | 131 | P 2 | TWD | 21 | VH1 | -1.00 | TEH | TEC | | | 52 | COLD | 600UL |
| 123 | 99 | 0.59 | 116 | P 2 | TWD | 23 | VH1 | -0.81 | TEH | TEC | | | 52 | COLD | 600UL |
| 123 | 109 | 0.45 | 135 | P 2 | TWD | 21 | VH1 | -0.90 | TEH | TEC | | | 17 | COLD | 600UL |
| 123 | 111 | 0.49 | 34 | P 3 | TWD | 25 | DBH | +1.70 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.46 | 130 | P 2 | TWD | 22 | VH1 | -0.98 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.62 | 94 | P 5 | TWD | 28 | DBH | +1.88 | DBH | DBH | | | 352 | HOT | 560P2 |
| 123 | 113 | 0.37 | 142 | P 2 | TWD | 19 | VH1 | -1.01 | TEH | TEC | | | 15 | COLD | 600UL |
| 123 | 117 | 0.54 | 139 | P 2 | TWD | 24 | VH1 | -0.95 | TEH | TEC | | | 15 | COLD | 600UL |
| 123 | 121 | 0.46 | 90 | P 2 | TWD | 23 | VH1 | -0.96 | TEH | TEC | | | 13 | COLD | 600UL |
| 123 | 129 | 0.51 | 149 | P 2 | TWD | 23 | VH1 | -0.77 | TEH | TEC | | | 10 | COLD | 600UL |
| 124 | 64 | 0.38 | 89 | P 5 | TWD | 24 | 10H | -0.97 | 10H | 10H | | | 311 | HOT | 580PP |
| | | 0.25 | 65 | P 2 | TWD | 14 | 10H | -0.86 | TEH | TEC | | | 37 | COLD | 600UL |
| 124 | 88 | 0.27 | 101 | P 5 | TWD | 21 | DBH | +2.01 | DBH | DBH | | | 354 | HOT | 560P2 |
| | | 0.27 | 20 | P 3 | TWD | 16 | DBH | +2.01 | TEH | TEC | | | 51 | COLD | 600UL |
| 125 | 69 | 0.37 | 90 | P 2 | TWD | 18 | VH1 | -0.92 | TEH | TEC | | | 39 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 125 | 73 | 0.41 | 130 | P 2 | TWD | 20 | VH1 | -0.04 | TEH | TEC | | | 40 | COLD | 600UL |
| 125 | 75 | 0.42 | 117 | P 2 | TWD | 20 | VH1 | +0.00 | TEH | TEC | | | 40 | COLD | 600UL |
| 125 | 83 | 0.55 | 122 | P 3 | TWD | 27 | DBH | +1.73 | TEH | TEC | | | 49 | COLD | 600UL |
| | | 0.40 | 106 | P 2 | TWD | 21 | VH1 | -0.94 | TEH | TEC | | | 49 | COLD | 600UL |
| | | 0.70 | 92 | P 5 | TWD | 28 | DBH | +1.73 | VH1 | 10H | | | 367 | HOT | 560P2 |
| 125 | 85 | 0.44 | 128 | P 2 | TWD | 22 | VH1 | -0.88 | TEH | TEC | | | 51 | COLD | 600UL |
| | | 0.27 | 113 | P 2 | TWD | 15 | VH2 | -0.80 | TEH | TEC | | | 51 | COLD | 600UL |
| 125 | 91 | 0.26 | 105 | P 5 | TWD | 17 | DBH | +1.96 | DBH | DBH | | | 356 | HOT | 560P2 |
| | | 0.22 | 110 | P 3 | TWD | 13 | DBH | +1.96 | TEH | TEC | | | 51 | COLD | 600UL |
| 125 | 97 | 0.50 | 123 | P 2 | TWD | 23 | VH1 | -0.96 | TEH | TEC | | | 53 | COLD | 600UL |
| 125 | 103 | 0.39 | 146 | P 2 | TWD | 19 | VH1 | -0.85 | TEH | TEC | | | 17 | COLD | 600UL |
| 126 | 52 | 0.79 | 15 | P 1 | SCI | | TSH | -11.69 | TSH | TSH | 1.34 | 18.33 | 300 | HOT | 580PP |
| 126 | 62 | 0.54 | 96 | P 5 | TWD | 30 | 10H | -1.07 | 10H | 10H | | | 308 | HOT | 580PP |
| 126 | 86 | 0.50 | 95 | P 5 | TWD | 31 | DBH | +1.92 | DBH | DBH | | | 354 | HOT | 560P2 |
| | | 0.27 | 108 | P 3 | TWD | 16 | DBH | +1.92 | TEH | TEC | | | 51 | COLD | 600UL |
| 126 | 90 | 0.33 | 110 | P 3 | TWD | 14 | DBH | +2.16 | TEH | TEC | | | 50 | COLD | 600UL |
| | | 0.44 | 96 | P 5 | TWD | 26 | DBH | +2.06 | DBH | DBH | | | 356 | HOT | 560P2 |
| 126 | 112 | 0.42 | 29 | P 3 | TWD | 23 | DBH | +1.86 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.42 | 102 | P 5 | TWD | 21 | DBH | +1.84 | DBH | 10H | | | 367 | HOT | 560P2 |
| 127 | 53 | 0.52 | 71 | P 2 | TWD | 23 | VH1 | -0.98 | TEH | TEC | | | 35 | COLD | 600UL |
| 127 | 63 | 0.33 | 137 | P 2 | TWD | 17 | VH1 | -0.92 | TEH | TEC | | | 38 | COLD | 600UL |
| 127 | 69 | 0.37 | 160 | P 2 | TWD | 18 | VH1 | -0.84 | TEH | TEC | | | 40 | COLD | 600UL |
| 127 | 73 | 0.35 | 81 | P 2 | TWD | 18 | 02H | +0.90 | TEH | TEC | | | 39 | COLD | 600UL |
| 127 | 75 | 0.56 | 144 | P 2 | TWD | 24 | VH1 | -0.83 | TEH | TEC | | | 39 | COLD | 600UL |
| | | 0.22 | 140 | P 2 | TWD | 12 | VH1 | +0.77 | TEH | TEC | | | 39 | COLD | 600UL |
| 127 | 95 | 0.52 | 141 | P 2 | TWD | 20 | VH1 | -0.95 | TEH | TEC | | | 52 | COLD | 600UL |
| 127 | 97 | 0.41 | 152 | P 2 | TWD | 18 | VH1 | -1.02 | TEH | TEC | | | 52 | COLD | 600UL |
| 127 | 99 | 0.46 | 66 | P 2 | TWD | 20 | VH1 | -1.01 | TEH | TEC | | | 52 | COLD | 600UL |
| 127 | 101 | 0.20 | 50 | P 2 | TWD | 10 | VH3 | +0.83 | TEH | TEC | | | 52 | COLD | 600UL |
| 127 | 105 | 0.46 | 121 | P 2 | TWD | 21 | VH1 | -0.81 | TEH | TEC | | | 17 | COLD | 600UL |
| 127 | 107 | 0.48 | 142 | P 2 | TWD | 22 | VH1 | -0.88 | TEH | TEC | | | 17 | COLD | 600UL |
| 127 | 109 | 0.40 | 140 | P 2 | TWD | 19 | VH1 | -0.81 | TEH | TEC | | | 17 | COLD | 600UL |
| 127 | 111 | 0.42 | 145 | P 2 | TWD | 21 | VH1 | -0.97 | TEH | TEC | | | 15 | COLD | 600UL |
| 127 | 117 | 0.28 | 120 | P 2 | TWD | 15 | VH1 | +0.90 | TEH | TEC | | | 15 | COLD | 600UL |
| | | 0.44 | 135 | P 2 | TWD | 21 | VH1 | -0.90 | TEH | TEC | | | 15 | COLD | 600UL |
| 127 | 121 | 0.44 | 123 | P 2 | TWD | 22 | VH1 | -1.05 | TEH | TEC | | | 13 | COLD | 600UL |
| 127 | 123 | 0.38 | 142 | P 2 | TWD | 22 | VH1 | -0.92 | TEC | TEH | | | 132 | HOT | 600UL |
| 127 | 125 | 0.53 | 117 | P 2 | TWD | 23 | VH1 | -0.87 | TEH | TEC | | | 10 | COLD | 600UL |
| 128 | 60 | 0.32 | 90 | P 5 | TWD | 20 | 10H | +0.05 | 10H | 10H | | | 307 | HOT | 580PP |
| | | 0.30 | 87 | P 5 | TWD | 19 | 10H | -1.08 | 10H | 10H | | | 307 | HOT | 580PP |
| | | 0.41 | 133 | P 2 | TWD | 20 | 10H | -1.01 | TEH | TEC | | | 38 | COLD | 600UL |
| | | 0.24 | 32 | P 2 | TWD | 13 | 10H | +0.00 | TEH | TEC | | | 38 | COLD | 600UL |
| 128 | 68 | 0.23 | 91 | P 5 | TWD | 17 | DBH | +1.84 | DBH | DBH | | | 336 | HOT | 560P2 |
| | | 0.23 | 17 | P 3 | TWD | 12 | DBH | +1.86 | TEH | TEC | | | 39 | COLD | 600UL |
| 128 | 72 | 0.27 | 139 | 2 | SAI | | 06H | +0.00 | 06H | 06H | 0.00 | | 317 | HOT | 580PP |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 129 | 47 | 0.66 | 131 | P 2 | TWD | 28 | VH3 -0.84 | TEH | TEC | | | 34 | COLD | 600UL |
| | | 0.45 | 93 | P 5 | TWD | 28 | VH3 -1.17 | VH3 | VH3 | | | 336 | HOT | 560P2 |
| 129 | 63 | 0.20 | 94 | P 5 | TWD | 14 | 10H -0.17 | 10H | 10H | | | 312 | HOT | 580PP |
| 129 | 67 | 0.33 | 98 | P 5 | TWD | 22 | DBH -2.23 | DBH | DBH | | | 336 | HOT | 560P2 |
| | | 0.35 | 47 | P 3 | TWD | 17 | DBH -2.20 | TEH | TEC | | | 37 | COLD | 600UL |
| 129 | 71 | 0.45 | 111 | P 2 | TWD | 21 | VH1 -0.90 | TEH | TEC | | | 39 | COLD | 600UL |
| 129 | 73 | 0.43 | 137 | P 2 | TWD | 20 | VH1 -0.83 | TEH | TEC | | | 40 | COLD | 600UL |
| 129 | 75 | 0.29 | 104 | P 2 | TWD | 15 | VH1 +0.86 | TEH | TEC | | | 40 | COLD | 600UL |
| | | 0.58 | 86 | P 2 | TWD | 24 | VH1 -0.77 | TEH | TEC | | | 40 | COLD | 600UL |
| 129 | 81 | 0.17 | 122 | 2 | SAI | | 08H -0.24 | 08H | 08H | 0.38 | | 274 | HOT | 580PP |
| 129 | 87 | 0.37 | 138 | P 2 | TWD | 20 | VH1 -0.94 | TEH | TEC | | | 51 | COLD | 600UL |
| 129 | 93 | 0.18 | 83 | 2 | SAI | | 08H -0.44 | 08H | 08H | | | 288 | HOT | 580PP |
| | | 0.18 | 108 | 2 | SAI | | 08H +0.54 | 08H | 08H | | | 288 | HOT | 580PP |
| | | 0.12 | 108 | 2 | SAI | | 08H +0.53 | 08H | 08H | 0.00 | | 292 | HOT | 580PP |
| | | 0.17 | 85 | 2 | SAI | | 08H -0.51 | 08H | 08H | 0.00 | | 292 | HOT | 580PP |
| 129 | 95 | 0.45 | 117 | P 2 | TWD | 21 | VH1 -0.92 | TEH | TEC | | | 53 | COLD | 600UL |
| | | 0.30 | 80 | P 3 | TWD | 18 | DBH +1.76 | TEH | TEC | | | 53 | COLD | 600UL |
| | | 0.40 | 91 | P 5 | TWD | 24 | DBH +1.76 | DBH | DBH | | | 356 | HOT | 560P2 |
| | | 0.16 | 86 | 2 | MAI | | 06H +3.10 TO+28.73 | 06H | 06H | 0.15 | | 289 | HOT | 580PP |
| 129 | 113 | 0.44 | 146 | P 2 | TWD | 21 | VH1 -0.99 | TEH | TEC | | | 15 | COLD | 600UL |
| 129 | 119 | 0.46 | 85 | P 2 | TWD | 22 | VH1 -0.98 | TEH | TEC | | | 12 | COLD | 600UL |
| 129 | 121 | 0.36 | 156 | P 2 | TWD | 19 | VH1 -0.88 | TEH | TEC | | | 12 | COLD | 600UL |
| 129 | 123 | 0.34 | 100 | P 2 | TWD | 18 | VH1 -0.89 | TEH | TEC | | | 12 | COLD | 600UL |
| 130 | 74 | 0.40 | 90 | P 5 | TWD | 27 | 10H -1.06 | 10H | 10H | | | 318 | HOT | 580PP |
| 130 | 94 | 0.37 | 94 | P 5 | TWD | 24 | 10H -0.99 | 10H | 10H | | | 326 | HOT | 580PP |
| 130 | 106 | 0.35 | 118 | P 2 | TWD | 17 | VH1 -0.70 | TEH | TEC | | | 17 | COLD | 600UL |
| 130 | 128 | 0.36 | 85 | P 2 | TWD | 20 | VH2 +0.40 | TEH | TEC | | | 11 | COLD | 600UL |
| | | 0.26 | 86 | P 5 | TWD | 14 | VH2 -0.49 | VH2 | VH2 | | | 352 | HOT | 560P2 |
| 131 | 67 | 0.47 | 101 | P 2 | TWD | 21 | 10H -1.02 | TEH | TEC | | | 41 | COLD | 600UL |
| | | 0.34 | 85 | P 2 | TWD | 17 | 10H +0.06 | TEH | TEC | | | 41 | COLD | 600UL |
| 131 | 77 | 0.51 | 95 | P 5 | TWD | 23 | DBH +1.99 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.47 | 21 | P 3 | TWD | 21 | DBH +1.99 | TEH | TEC | | | 44 | COLD | 600UL |
| 131 | 83 | 0.49 | 97 | P 5 | TWD | 22 | DBH -2.28 TO+1.89 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.20 | 133 | P 3 | TWD | 11 | DBH -1.85 | TEH | TEC | | | 44 | COLD | 600UL |
| 131 | 89 | 0.52 | 99 | P 2 | TWD | 26 | 10H +0.97 | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.45 | 98 | P 5 | TWD | 23 | 10H +0.82 | 10H | 10H | AIC | | 301 | HOT | 580PP |
| 131 | 115 | 0.45 | 108 | P 2 | TWD | 22 | VH1 -1.02 | TEH | TEC | | | 46 | COLD | 600UL |
| 131 | 125 | 0.48 | 84 | P 2 | TWD | 23 | VH1 -0.92 | TEH | TEC | | | 46 | COLD | 600UL |
| 131 | 127 | 0.33 | 86 | P 5 | TWD | 25 | 03C +0.91 | 03C | 03C | | | 136 | COLD | 580PP |
| | | 0.47 | 106 | P 2 | TWD | 24 | 03C +0.95 | TEH | TEC | | | 47 | COLD | 600UL |
| 132 | 94 | 0.38 | 95 | P 5 | TWD | 20 | 10H +0.80 | 10H | 10H | | | 306 | HOT | 580PP |
| | | 0.55 | 43 | P 2 | TWD | 27 | 10H +0.97 | TEH | TEC | | | 44 | COLD | 600UL |
| 133 | 61 | 0.33 | 99 | P 2 | TWD | 17 | VH1 -0.86 | TEC | TEH | | | 129 | HOT | 600UL |
| 133 | 65 | 0.37 | 144 | P 2 | TWD | 18 | VH1 -0.75 | TEH | TEC | | | 43 | COLD | 600UL |
| 133 | 67 | 0.35 | 148 | P 2 | TWD | 17 | VH1 -0.85 | TEH | TEC | | | 43 | COLD | 600UL |
| 133 | 71 | 0.46 | 145 | P 2 | TWD | 21 | VH1 -0.81 | TEH | TEC | | | 43 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 133 | 75 | 0.47 | 97 | P 5 | TWD | 24 | DBH +2.00 | | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.33 | 96 | P 3 | TWD | 15 | DBH +1.85 | | TEH | TEC | | | 41 | COLD | 600UL |
| 133 | 79 | 0.43 | 129 | P 2 | TWD | 23 | VH1 -0.93 | | TEH | TEC | | | 44 | COLD | 600UL |
| 133 | 81 | 0.30 | 128 | P 2 | TWD | 18 | VH1 -0.92 | | TEH | TEC | | | 44 | COLD | 600UL |
| 133 | 83 | 0.41 | 90 | P 5 | TWD | 23 | 10H -1.01 | | 10H | 10H | | | 332 | HOT | 580PP |
| 133 | 87 | 0.38 | 88 | P 2 | TWD | 19 | VH1 -1.12 | | TEH | TEC | | | 45 | COLD | 600UL |
| 133 | 97 | 0.16 | 123 | 2 | SAI | | 05H +4.49 | TO+7.27 | 05H | 05H | 0.00 | | 310 | HOT | 580PP |
| | | 0.12 | 110 | 2 | SAI | | 07H -11.10 | | 07H | 07H | 0.00 | | 310 | HOT | 580PP |
| | | 0.12 | 104 | 2 | SAI | | 07H -17.27 | | 07H | 07H | 0.28 | | 310 | HOT | 580PP |
| 133 | 105 | 0.42 | 120 | P 2 | TWD | 21 | VH1 -0.91 | | TEH | TEC | | | 46 | COLD | 600UL |
| 133 | 115 | 0.21 | 99 | P 5 | TWD | 12 | 10H +0.77 | | 10H | 10H | | | 316 | HOT | 580PP |
| | | 0.40 | 97 | P 2 | TWD | 20 | 10H +0.92 | | TEH | TEC | | | 46 | COLD | 600UL |
| 134 | 68 | 0.21 | 98 | P 5 | TWD | 12 | 10H -0.71 | | 10H | 10H | | | 320 | HOT | 580PP |
| | | 0.27 | 127 | P 2 | TWD | 14 | 10H -0.71 | | TEH | TEC | | | 41 | COLD | 600UL |
| 134 | 84 | 0.25 | 125 | P 2 | TWD | 13 | 10H -1.11 | | TEH | TEC | | | 45 | COLD | 600UL |
| | | 0.32 | 100 | P 5 | TWD | 18 | 10H -1.08 | | 10H | 10H | | | 301 | HOT | 580PP |
| 134 | 86 | 0.44 | 99 | P 5 | TWD | 23 | 10H -1.02 | | 10H | 10H | AIC | | 301 | HOT | 580PP |
| 134 | 100 | 0.30 | 94 | P 5 | TWD | 16 | 10H +0.86 | | 10H | 10H | | | 310 | HOT | 580PP |
| | | 0.30 | 82 | P 2 | TWD | 16 | 10H +0.99 | | TEH | TEC | | | 45 | COLD | 600UL |
| 135 | 77 | 0.32 | 145 | P 2 | TWD | 19 | VH1 -0.79 | | TEH | TEC | | | 44 | COLD | 600UL |
| 135 | 81 | 0.29 | 99 | P 5 | TWD | 14 | VH1 -0.83 | | VH1 | VH1 | | | 357 | HOT | 560P2 |
| | | 0.28 | 56 | P 2 | TWD | 15 | 07H +0.80 | | TEH | TEC | | | 45 | COLD | 600UL |
| | | 0.12 | 90 | 2 | SAI | | 07H +0.55 | | 07H | 07H | 0.00 | | 298 | HOT | 580PP |
| | | 0.10 | 95 | 2 | SAI | | 07H +0.75 | | 07H | 07H | 0.00 | | 298 | HOT | 580PP |
| 135 | 83 | 0.17 | 101 | 2 | MAI | | 08H +0.21 | | 08H | 08H | 0.0 | | 301 | HOT | 580PP |
| | | 0.11 | 88 | 2 | SAI | | 08H +0.81 | | 08H | 08H | 0.45 | | 301 | HOT | 580PP |
| 135 | 85 | 0.43 | 106 | P 2 | TWD | 23 | VH1 +0.00 | | TEH | TEC | | | 44 | COLD | 600UL |
| 135 | 87 | 0.33 | 100 | P 5 | TWD | 18 | 10H -1.06 | | 10H | 10H | AIC | | 301 | HOT | 580PP |
| 135 | 91 | 0.37 | 107 | P 2 | TWD | 18 | VH1 -1.08 | | TEH | TEC | | | 45 | COLD | 600UL |
| 135 | 93 | 0.21 | 90 | P 5 | TWD | 13 | 10H +0.80 | | 10H | 10H | | | 332 | HOT | 580PP |
| | | 0.36 | 62 | P 2 | TWD | 18 | 10H +0.91 | | TEH | TEC | | | 45 | COLD | 600UL |
| 135 | 97 | 0.21 | 35 | P 2 | TWD | 13 | 10H +0.97 | | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.14 | 100 | P 5 | TWD | 8 | 10H -1.03 | | 10H | 10H | | | 310 | HOT | 580PP |
| | | 0.19 | 103 | P 5 | TWD | 11 | 10H +0.84 | | 10H | 10H | | | 310 | HOT | 580PP |
| 135 | 119 | 0.40 | 134 | P 2 | TWD | 20 | VH1 -1.03 | | TEH | TEC | | | 46 | COLD | 600UL |
| 136 | 74 | 0.35 | 122 | P 2 | TWD | 18 | 10H -1.01 | | TEH | TEC | | | 43 | COLD | 600UL |
| | | 0.44 | 93 | P 5 | TWD | 22 | 10H -1.04 | | 10H | 10H | | | 298 | HOT | 580PP |
| 136 | 86 | 0.41 | 135 | P 2 | TWD | 22 | 10H -1.10 | | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.42 | 83 | P 5 | TWD | 22 | 10H -1.06 | | 10H | 10H | AIC | | 301 | HOT | 580PP |
| 136 | 110 | 0.17 | 93 | P 2 | TWD | 12 | VH1 +1.12 | | TEC | TEH | | | 132 | HOT | 600UL |
| 137 | 67 | 0.33 | 139 | P 2 | TWD | 17 | VH1 -0.80 | | TEH | TEC | | | 43 | COLD | 600UL |
| 137 | 79 | 0.43 | 96 | P 2 | TWD | 23 | VH1 -0.88 | | TEH | TEC | | | 44 | COLD | 600UL |
| 137 | 83 | 0.37 | 146 | P 2 | TWD | 18 | VH1 -0.86 | | TEH | TEC | | | 45 | COLD | 600UL |
| 137 | 91 | 0.39 | 94 | P 5 | TWD | 16 | 10H -0.95 | | 10H | 10H | | | 324 | HOT | 580PP |
| 137 | 119 | 0.23 | 90 | P 5 | TWD | 19 | 01C -0.94 | | 01C | 01C | | | 136 | COLD | 580PP |
| | | 0.33 | 75 | P 2 | TWD | 19 | 01C -0.98 | | TEH | TEC | | | 47 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138 | 74 | 0.27 | 91 | P 2 | TWD | 14 | VH1 | -0.77 | TEH | TEC | | | 41 | COLD | 600UL |
| 138 | 78 | 0.34 | 46 | P 2 | TWD | 20 | VH1 | -0.81 | TEH | TEC | | | 44 | COLD | 600UL |
| 139 | 71 | 0.38 | 137 | P 2 | TWD | 18 | VH1 | -0.94 | TEH | TEC | | | 41 | COLD | 600UL |
| 139 | 77 | 0.45 | 128 | P 2 | TWD | 24 | VH1 | -0.81 | TEH | TEC | | | 44 | COLD | 600UL |
| 139 | 83 | 0.41 | 67 | P 2 | TWD | 22 | VH1 | -1.01 | TEH | TEC | | | 44 | COLD | 600UL |
| 139 | 85 | 0.34 | 74 | P 2 | TWD | 20 | VH1 | -1.04 | TEH | TEC | | | 44 | COLD | 600UL |
| 139 | 105 | 0.47 | 71 | P 2 | TWD | 24 | 10H | +0.98 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.36 | 121 | P 2 | TWD | 20 | VH1 | -0.98 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.35 | 94 | P 5 | TWD | 19 | 10H | +0.84 | 10H | 10H | | | 313 | HOT | 580PP |
| 140 | 66 | 0.22 | 123 | P 3 | TWD | 14 | DBH | +2.09 | TEH | TEC | | | 43 | COLD | 600UL |
| | | 0.57 | 15 | P 3 | TWD | 27 | DBC | +1.67 | TEH | TEC | LAR | | 43 | COLD | 600UL |
| | | 0.70 | 78 | P 5 | TWD | 37 | DBC | +1.77 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.23 | 93 | P 5 | TWD | 13 | DBH | +1.95 | DBH | DBH | | | 359 | HOT | 560P2 |
| 140 | 76 | 0.16 | 103 | P 5 | TWD | 7 | DBH | -1.75 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.18 | 93 | P 3 | TWD | 12 | DBH | -1.75 | TEH | TEC | | | 45 | COLD | 600UL |
| 140 | 88 | 0.29 | 97 | P 5 | TWD | 14 | DBH | +1.94 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.21 | 121 | P 3 | TWD | 12 | DBH | +1.94 | TEH | TEC | | | 44 | COLD | 600UL |
| 141 | 63 | 0.40 | 81 | P 5 | TWD | 24 | DBC | +1.58 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.41 | 32 | P 3 | TWD | 17 | DBC | +1.37 | TEH | TEC | | | 41 | COLD | 600UL |
| 141 | 65 | 0.22 | 80 | P 5 | TWD | 18 | 08C | +0.85 | 08C | 08C | ASR | | 136 | COLD | 580PP |
| | | 0.31 | 113 | P 2 | TWD | 15 | 08C | +0.74 | TEH | TEC | | | 41 | COLD | 600UL |
| 141 | 67 | 0.62 | 107 | P 2 | TWD | 26 | VC1 | +0.86 | TEH | TEC | | | 43 | COLD | 600UL |
| | | 0.33 | 143 | P 2 | TWD | 17 | VH1 | -0.84 | TEH | TEC | | | 43 | COLD | 600UL |
| | | 0.43 | 96 | P 5 | TWD | 28 | VC1 | +0.86 | VC1 | VC1 | | | 162 | COLD | 560P2 |
| 141 | 77 | 0.40 | 82 | P 5 | TWD | 26 | DBC | +1.88 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.20 | 139 | P 2 | TWD | 11 | VC1 | +0.88 | TEH | TEC | | | 45 | COLD | 600UL |
| | | 0.29 | 108 | P 3 | TWD | 17 | DBC | +1.45 | TEH | TEC | | | 45 | COLD | 600UL |
| 141 | 79 | 0.86 | 86 | P 5 | TWD | 41 | DBC | +2.00 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.26 | 94 | P 5 | TWD | 20 | VC1 | +0.94 | VC1 | VC1 | | | 162 | COLD | 560P2 |
| | | 0.46 | 118 | P 2 | TWD | 24 | VH1 | -0.92 | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.31 | 124 | P 2 | TWD | 18 | VC1 | +0.94 | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.79 | 121 | P 3 | TWD | 30 | DBC | +2.20 | TEH | TEC | | | 44 | COLD | 600UL |
| 141 | 81 | 0.35 | 157 | P 2 | TWD | 20 | VH1 | -0.86 | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.12 | 102 | 2 | SAI | | 07H | -22.55 TO-7.71 | 07H | 07H | 0.00 | | 298 | HOT | 580PP |
| 142 | 66 | 0.36 | 76 | P 5 | TWD | 25 | DBC | +1.77 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.25 | 103 | P 3 | TWD | 12 | DBC | +1.27 | TEH | TEC | | | 41 | COLD | 600UL |
| 142 | 68 | 0.16 | 95 | P 5 | TWD | 11 | 10H | -0.31 | 10H | 10H | | | 320 | HOT | 580PP |
| | | 0.23 | 132 | P 2 | TWD | 12 | 10H | -0.21 | TEH | TEC | | | 41 | COLD | 600UL |
| 142 | 72 | 0.81 | 81 | P 5 | TWD | 40 | DBC | +1.93 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.26 | 74 | P 5 | TWD | 21 | 10C | -1.17 | 10C | 10C | | | 136 | COLD | 580PP |
| | | 0.36 | 115 | P 2 | TWD | 17 | 10C | -1.01 | TEH | TEC | | | 41 | COLD | 600UL |
| | | 0.99 | 114 | P 3 | TWD | 31 | DBC | +2.08 | TEH | TEC | | | 41 | COLD | 600UL |
| 142 | 82 | 0.66 | 84 | P 5 | TWD | 36 | DBC | +1.75 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.62 | 104 | P 3 | TWD | 29 | DBC | +1.67 | TEH | TEC | | | 45 | COLD | 600UL |
| 142 | 84 | 0.40 | 85 | P 5 | TWD | 26 | DBC | +1.68 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.30 | 119 | P 3 | TWD | 18 | DBC | +1.40 | TEH | TEC | | | 45 | COLD | 600UL |
| 142 | 86 | 0.32 | 94 | P 5 | TWD | 18 | DBH | +1.86 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.23 | 92 | P 3 | TWD | 12 | DBH | +1.88 | TEH | TEC | | | 44 | COLD | 600UL |
| 142 | 90 | 0.37 | 92 | P 5 | TWD | 18 | DBH | +1.72 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.17 | 153 | P 3 | TWD | 12 | DBH | +1.94 | TEH | TEC | | | 45 | COLD | 600UL |
| 142 | 104 | 0.21 | 16 | P 3 | TWD | 12 | DBH | +1.52 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.23 | 87 | P 5 | TWD | 13 | DBH | +1.93 | DBH | DBH | | | 359 | HOT | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 142 | 110 | 0.45 | 50 | P 3 | TWD | 23 | DBH | +1.80 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.48 | 93 | P 5 | TWD | 24 | DBH | +1.29 | DBH | DBH | | | 359 | HOT | 560P2 |
| 143 | 73 | 0.18 | 103 | P 5 | TWD | 10 | 01H | -0.92 | 01H | 01H | | | 320 | HOT | 580PP |
| | | 1.39 | 80 | P 5 | TWD | 50 | DBC | +1.75 | DBC | DBC | | | 174 | COLD | 560P2 |
| | | 0.12 | 32 | P 2 | TWD | 7 | 01H | -0.95 | TEH | TEC | | | 41 | COLD | 600UL |
| | | 2.07 | 25 | P 3 | TWD | 42 | DBC | +2.14 | TEH | TEC | | | 41 | COLD | 600UL |
| 143 | 77 | 0.31 | 114 | P 2 | TWD | 18 | VH1 | -0.77 | TEH | TEC | | | 44 | COLD | 600UL |
| 143 | 83 | 0.42 | 77 | P 2 | TWD | 22 | VH1 | -0.94 | TEH | TEC | | | 44 | COLD | 600UL |
| 143 | 89 | 0.26 | 103 | P 5 | TWD | 15 | DBH | -1.42 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.21 | 36 | P 3 | TWD | 14 | DBH | -1.75 | TEH | TEC | | | 45 | COLD | 600UL |
| 143 | 109 | 0.25 | 138 | P 2 | TWD | 15 | VC2 | +0.94 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.17 | 142 | P 3 | TWD | 11 | DBH | -1.61 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.29 | 87 | P 5 | TWD | 15 | DBH | -1.96 | DBH | DBH | | | 359 | HOT | 560P2 |
| 144 | 74 | 0.42 | 85 | P 5 | TWD | 27 | VC1 | +0.85 | VC1 | VC1 | | | 162 | COLD | 560P2 |
| | | 0.60 | 74 | P 5 | TWD | 34 | DBC | +1.64 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.50 | 84 | P 5 | TWD | 30 | DBC | -0.25 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.50 | 86 | P 2 | TWD | 22 | VC1 | +0.93 | TEH | TEC | | | 41 | COLD | 600UL |
| | | 0.26 | 56 | P 3 | TWD | 12 | DBC | -0.23 | TEH | TEC | | | 41 | COLD | 600UL |
| | | 0.77 | 82 | P 3 | TWD | 27 | DBC | +1.58 | TEH | TEC | | | 41 | COLD | 600UL |
| 144 | 78 | 0.39 | 70 | P 5 | TWD | 26 | DBC | -2.00 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.34 | 91 | P 3 | TWD | 17 | DBC | -2.24 | TEH | TEC | | | 44 | COLD | 600UL |
| 144 | 80 | 0.53 | 94 | P 5 | TWD | 23 | DBH | +2.00 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.40 | 121 | P 3 | TWD | 22 | DBH | +1.90 | TEH | TEC | | | 45 | COLD | 600UL |
| 144 | 82 | 1.08 | 80 | P 5 | TWD | 45 | DBC | +1.67 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.84 | 95 | P 3 | TWD | 31 | DBC | +1.29 | TEH | TEC | | | 44 | COLD | 600UL |
| 144 | 84 | 0.79 | 89 | P 5 | TWD | 39 | DBC | +1.40 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.51 | 101 | P 3 | TWD | 23 | DBC | +1.40 | TEH | TEC | | | 44 | COLD | 600UL |
| 144 | 86 | 0.33 | 98 | P 5 | TWD | 18 | DBH | +1.83 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.25 | 121 | P 3 | TWD | 15 | DBH | +1.65 | TEH | TEC | | | 45 | COLD | 600UL |
| 144 | 88 | 0.82 | 85 | P 5 | TWD | 40 | DBC | +1.80 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.74 | 51 | P 3 | TWD | 29 | DBC | +1.47 | TEH | TEC | | | 44 | COLD | 600UL |
| 144 | 90 | 0.73 | 96 | P 5 | TWD | 36 | DBC | +1.93 | DBC | DBC | | | 163 | COLD | 560P2 |
| | | 0.43 | 28 | P 3 | TWD | 20 | DBC | +1.27 | TEH | TEC | | | 44 | COLD | 600UL |
| 144 | 96 | 0.46 | 8 | P 3 | TWD | 21 | DBC | +1.74 | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.59 | 71 | P 5 | TWD | 33 | DBC | +1.66 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.43 | 95 | P 5 | TWD | 22 | DBH | +1.98 | DBH | DBH | | | 359 | HOT | 560P2 |
| | | 0.24 | 132 | P 3 | TWD | 13 | DBH | +2.01 | TEH | TEC | | | 44 | COLD | 600UL |
| 144 | 106 | 0.75 | 75 | P 3 | TWD | 31 | DBC | +1.88 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.78 | 92 | P 5 | TWD | 37 | DBC | +2.00 | DBC | DBC | | | 164 | COLD | 560P2 |
| 145 | 75 | 0.60 | 95 | P 5 | TWD | 26 | DBH | +1.89 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.28 | 104 | P 5 | TWD | 13 | VH1 | -0.88 | VH1 | VH1 | | | 357 | HOT | 560P2 |
| | | 0.76 | 73 | P 5 | TWD | 38 | DBC | +1.59 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.51 | 77 | P 3 | TWD | 21 | DBH | +1.89 | TEH | TEC | | | 41 | COLD | 600UL |
| | | 0.43 | 122 | P 2 | TWD | 20 | VH1 | -0.88 | TEH | TEC | | | 41 | COLD | 600UL |
| | | 0.56 | 43 | P 3 | TWD | 22 | DBC | +1.33 | TEH | TEC | | | 41 | COLD | 600UL |
| 145 | 79 | 0.43 | 95 | P 5 | TWD | 28 | DBC | +2.00 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.25 | 83 | P 3 | TWD | 13 | DBC | +2.00 | TEH | TEC | | | 44 | COLD | 600UL |
| 145 | 81 | 0.38 | 95 | P 5 | TWD | 18 | VH1 | -0.82 | VH1 | VH1 | | | 357 | HOT | 560P2 |
| | | 1.10 | 79 | P 5 | TWD | 46 | DBC | -1.62 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.50 | 118 | P 2 | TWD | 26 | VH1 | -0.82 | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.64 | 76 | P 3 | TWD | 29 | DBC | -1.70 | TEH | TEC | | | 44 | COLD | 600UL |
| 145 | 83 | 0.44 | 100 | P 5 | TWD | 20 | DBH | -1.72 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.68 | 76 | P 5 | TWD | 36 | DBC | +1.57 | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.34 | 87 | P 5 | TWD | 23 | VC1 | +0.84 | VC1 | VC1 | | | 162 | COLD | 560P2 |
| | | 0.44 | 57 | P 2 | TWD | 21 | VC1 | +0.92 | TEH | TEC | | | 45 | COLD | 600UL |
| | | 0.24 | 108 | P 3 | TWD | 15 | DBH | -1.72 | TEH | TEC | | | 45 | COLD | 600UL |
| | | 0.62 | 34 | P 3 | TWD | 29 | DBC | +1.67 | TEH | TEC | | | 45 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 145 | 87 | 0.47 | 88 | P | 5 | TWD | 30 DBC | +2.13 | | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.32 | 71 | P | 5 | TWD | 22 DBC | -1.63 | | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.27 | 108 | P | 3 | TWD | 14 DBC | +1.75 | | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.23 | 49 | P | 3 | TWD | 13 DBC | -1.75 | | TEH | TEC | | | 44 | COLD | 600UL |
| 145 | 89 | 0.30 | 107 | P | 5 | TWD | 17 DBH | -1.89 | | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.31 | 89 | P | 5 | TWD | 22 VC1 | +0.91 | | VC1 | VC1 | | | 162 | COLD | 560P2 |
| | | 0.17 | 50 | P | 3 | TWD | 9 DBH | -1.72 | | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.30 | 35 | P | 2 | TWD | 18 VC1 | +0.91 | | TEH | TEC | | | 44 | COLD | 600UL |
| 145 | 95 | 0.29 | 151 | P | 2 | TWD | 15 VH1 | -0.95 | | TEH | TEC | | | 45 | COLD | 600UL |
| 146 | 80 | 0.49 | 102 | P | 5 | TWD | 31 DBC | +2.00 | | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.47 | 86 | P | 3 | TWD | 21 DBC | +2.00 | | TEH | TEC | | | 44 | COLD | 600UL |
| 146 | 84 | 0.53 | 88 | P | 5 | TWD | 31 DBC | +1.70 | | DBC | DBC | | | 162 | COLD | 560P2 |
| | | 0.50 | 11 | P | 3 | TWD | 25 DBC | +1.73 | | TEH | TEC | | | 45 | COLD | 600UL |
| 146 | 100 | 0.73 | 92 | P | 5 | TWD | 32 DBH | -2.05 | | DBH | DBH | | | 359 | HOT | 560P2 |
| | | 0.60 | 118 | P | 3 | TWD | 28 DBH | -1.93 | | TEH | TEC | | | 45 | COLD | 600UL |
| 147 | 91 | 0.35 | 100 | P | 5 | TWD | 23 VC1 | -0.83 | | VC1 | VC1 | | | 163 | COLD | 560P2 |
| | | 0.37 | 142 | P | 2 | TWD | 18 VC1 | -0.83 | | TEH | TEC | | | 45 | COLD | 600UL |
| 147 | 93 | 0.22 | 87 | P | 5 | TWD | 16 VC1 | -0.49 | | VC1 | VC1 | | | 163 | COLD | 560P2 |
| | | 0.64 | 93 | P | 5 | TWD | 33 VC1 | +0.91 | | VC1 | VC1 | | | 163 | COLD | 560P2 |
| | | 0.44 | 92 | P | 5 | TWD | 20 DBH | -2.27 | TO+1.70 | DBH | DBH | | | 357 | HOT | 560P2 |
| | | 0.53 | 81 | P | 5 | TWD | 34 DBC | -1.80 | TO+0.75 | DBC | DBC | | | 175 | COLD | 560P2 |
| | | 0.21 | 37 | P | 3 | TWD | 13 DBC | -1.89 | | TEH | TEC | | | 45 | COLD | 600UL |
| | | 0.28 | 75 | P | 2 | TWD | 15 VC1 | -0.45 | | TEH | TEC | | | 45 | COLD | 600UL |
| | | 0.18 | 137 | P | 3 | TWD | 11 DBH | -2.05 | | TEH | TEC | | | 45 | COLD | 600UL |
| | | 0.87 | 101 | P | 2 | TWD | 32 VC1 | +0.92 | | TEH | TEC | | | 45 | COLD | 600UL |

Total Tubes : 779
Total Records: 1307

**Appendix 4**

**Inspection Summary**

**Steam Generator E-089**

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

QUERY: rpc_icodes_and_0-100%twd

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55 | 0.22 | 103 | 2 | SAI | | 02H | -0.45 | 02H | 02H | 0.0 | | 192 | HOT | 580PP |
| 2 | 118 | 0.27 | 20 | P 1 | SCI | | TSH | -3.06 | TSH | TSH | 0.11 | | 238 | HOT | 580PP |
| | | 0.50 | 16 | P 1 | SCI | | TSH | -6.46 | TSH | TSH | 0.33 | 17.77 | 238 | HOT | 580PP |
| 4 | 10 | 0.42 | 10 | 2 | SAI | | TSH | -3.84 | TSH | TSH | 0.0 | 17.87 | 196 | HOT | 580PP |
| 4 | 126 | 1.62 | 36 | P 1 | MCI | | TSH | -9.35 | TSH | TSH | 4.00 | 19.83 | 234 | HOT | 580PP |
| 5 | 115 | 0.85 | 28 | P 1 | SCI | | TSH | -7.82 | TSH | TSH | 0.63 | 18.69 | 238 | HOT | 580PP |
| 6 | 60 | 0.33 | 28 | P 2 | TWD | 15 | 02H | -1.25 | TEH | TEC | | | 67 | COLD | 600UL |
| 6 | 126 | 0.56 | 40 | P 2 | TWD | 21 | 03H | +0.89 | TEH | TEC | | | 9 | COLD | 600UL |
| | | 0.22 | 102 | P 2 | TWD | 10 | 05H | +0.93 | TEH | TEC | | | 9 | COLD | 600UL |
| 7 | 33 | 0.21 | 161 | P 2 | TWD | 10 | 07H | -0.65 | TEH | TEC | LAR | | 70 | COLD | 600UL |
| 8 | 34 | 0.35 | 25 | P 2 | TWD | 22 | 07H | -0.60 | TEC | TEH | LAR | | 54 | HOT | 600UL |
| 8 | 114 | 0.31 | 16 | P 1 | SCI | | TSH | -5.80 | TSH | TSH | 0.28 | 18.43 | 238 | HOT | 580PP |
| | | 0.38 | 14 | 2 | SAI | | TSH | -1.02 | TSH | TSH | 0.00 | | 238 | HOT | 580PP |
| | | 0.31 | 17 | P 1 | SCI | | TSH | +0.00 | TSH | TSH | 0.00 | | 238 | HOT | 580PP |
| 8 | 128 | 0.34 | 88 | P 2 | TWD | 14 | 01H | +0.95 | TEH | TEC | | | 9 | COLD | 600UL |
| 9 | 35 | 3.22 | 34 | P 1 | SCI | | TSH | -9.50 | TSH | TSH | 3.41 | 17.75 | 195 | HOT | 580PP |
| 9 | 39 | 0.36 | 39 | P 2 | TWD | 15 | 03H | +0.88 | TEC | TEH | | | 48 | HOT | 600UL |
| 9 | 49 | 0.41 | 102 | 2 | SAI | | 05H | +0.15 | 05H | 05H | .47 | | 191 | HOT | 580PP |
| 9 | 63 | 2.56 | 33 | 2 | SAI | | TSH | -19.01 | TSH | TSH | 3.55 | 19.01 | 291 | HOT | 580PP |
| 9 | 119 | 0.36 | 78 | P 2 | TWD | 15 | 01H | +0.89 | TEH | TEC | | | 9 | COLD | 600UL |
| 9 | 127 | 3.54 | 37 | P 1 | MCI | | TSH | -9.73 | TSH | TSH | 5.60 | 18.01 | 233 | HOT | 580PP |
| 9 | 131 | 0.68 | 33 | P 1 | SCI | | TSH | -14.44 | TSH | TSH | 1.25 | 21.60 | 152 | HOT | 580PP |
| | | 3.31 | 34 | P 1 | SCI | | TSH | -11.17 | TSH | TSH | 4.82 | | 152 | HOT | 580PP |
| | | 1.14 | 29 | P 1 | MCI | | TSH | -10.73 | TSH | TSH | 1.11 | | 152 | HOT | 580PP |
| | | 1.18 | 22 | P 1 | SCI | | TSH | -10.31 | TSH | TSH | 0.76 | | 152 | HOT | 580PP |
| | | 2.36 | 37 | P 1 | MCI | | TSH | -8.53 | TSH | TSH | 4.45 | | 152 | HOT | 580PP |
| 9 | 147 | 1.41 | 26 | P 1 | MCI | | TSH | -8.28 | TSH | TSH | 2.27 | 22.69 | 155 | HOT | 580PP |
| 10 | 140 | 0.15 | 20 | P 1 | SCI | | TSH | -0.35 | TSH | TSH | 0.86 | 21.42 | 155 | HOT | 580PP |
| 11 | 119 | 0.36 | 87 | P 2 | TWD | 16 | 07H | +0.87 | TEH | TEC | | | 3 | COLD | 600UL |
| 11 | 127 | 0.24 | 142 | P 3 | TWD | 10 | DBH | +1.33 | TEH | TEC | | | 59 | COLD | 600UL |
| | | 0.16 | 100 | 2 | SAI | | DBH | +1.35 | DBH | 07H | .16 | | 145 | COLD | 560P2 |
| 11 | 159 | 0.17 | 108 | 2 | SAI | | 06H | -0.37 | 06H | 06H | 0.42 | | 194 | HOT | 580PP |
| 11 | 163 | 0.10 | 69 | 2 | SAI | | 06H | +1.48 | 06H | 06H | 0.00 | | 254 | HOT | 580PP |
| 11 | 165 | 0.23 | 85 | 2 | SAI | | 06H | +0.74 | 06H | 06H | 0.00 | | 255 | HOT | 580PP |
| | | 0.41 | 63 | P 2 | TWD | 18 | 06H | +0.53 | TEC | TEH | | | 37 | HOT | 600UL |
| 12 | 10 | 0.52 | 150 | 2 | SAI | | 04H | -0.72 | 04H | 04H | 0.00 | | 210 | HOT | 580PP |
| 12 | 120 | 0.80 | 30 | P 1 | SCI | | TSH | -8.27 | TSH | TSH | 1.08 | 19.56 | 217 | HOT | 580PP |
| 12 | 138 | 1.94 | 33 | P 1 | SCI | | TSH | -7.34 | TSH | TSH | 1.43 | 19.33 | 167 | HOT | 580PP |
| 13 | 15 | 0.27 | 127 | 2 | SAI | | 05H | -0.78 | 05H | 05H | 0.00 | | 209 | HOT | 580PP |
| | | 0.25 | 126 | 2 | SAI | | 05H | +0.55 | 05H | 05H | 0.00 | | 209 | HOT | 580PP |
| | | 0.35 | 131 | P 2 | TWD | 19 | 05H | -0.78 | TEC | TEH | | | 17 | HOT | 600UL |
| 13 | 37 | 0.29 | 107 | P 3 | TWD | 15 | DBC | -0.15 | TEC | TEH | | | 30 | HOT | 600UL |
| 13 | 39 | 0.42 | 65 | P 2 | TWD | 19 | 03H | +0.84 | TEC | TEH | | | 30 | HOT | 600UL |
| 13 | 141 | 0.19 | 112 | 2 | SAI | | 02H | -2.27 | 02H | 02H | .31 | | 171 | HOT | 580PP |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14 | 124 | 1.72 | 27 | 2 | SAI | | TSH -9.52 | | TSH | TSH | 1.75 | 18.14 | 208 | HOT | 580PP |
| 14 | 166 | 0.11 | 120 | 2 | SAI | | 05H +8.87 | | 05H | 05H | 0.00 | | 254 | HOT | 580PP |
| 15 | 21 | 0.43 | 88 | P 2 | TWD | 18 | 03H +0.53 | | TEC | TEH | | | 22 | HOT | 600UL |
| 15 | 37 | 0.29 | 19 | P 1 | SCI | | TSH -9.74 | | TSH | TSH | 0.44 | 18.50 | 228 | HOT | 580PP |
| 16 | 58 | 0.88 | 29 | P 1 | SCI | | TSH -8.56 | | TSH | TSH | 2.01 | 20.93 | 165 | HOT | 580PP |
| 18 | 14 | 0.38 | 135 | 2 | SAI | | 05H +0.22 | | 05H | 05H | 0.23 | | 210 | HOT | 580PP |
| 18 | 30 | 0.46 | 49 | P 3 | TWD | 21 | DBH +1.89 | | TEC | TEH | | | 26 | HOT | 600UL |
| 18 | 114 | 0.12 | 103 | P 1 | MCI | | TSH +0.12 | | TSH | TSH | 0.10 | 17.56 | 225 | HOT | 580PP |
| 18 | 118 | 0.33 | 28 | P 1 | SCI | | TSH -10.19 | | TSH | TSH | 0.28 | 17.85 | 221 | HOT | 580PP |
| 18 | 128 | 3.75 | 34 | P 1 | SCI | | TSH -11.61 | | TSH | TSH | 4.30 | 18.07 | 197 | HOT | 580PP |
| | | 0.55 | 14 | P 1 | SCI | | TSH -11.20 | | TSH | TSH | 0.67 | | 197 | HOT | 580PP |
| 18 | 144 | 0.26 | 98 | P 3 | TWD | 13 | DBH +1.26 | | TEC | TEH | | | 24 | HOT | 600UL |
| 18 | 162 | 0.37 | 61 | P 2 | TWD | 17 | 05H -0.24 | | TEC | TEH | | | 37 | HOT | 600UL |
| 19 | 9 | 0.28 | 91 | 2 | SAI | | 05H +0.89 | | 05H | 05H | 0.80 | | 204 | HOT | 580PP |
| 19 | 109 | 0.19 | 100 | P 3 | TWD | 8 | DBC +2.25 | | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.15 | 103 | P 5 | TWD | 13 | DBC +1.95 | | 07C | DBC | | | 145 | COLD | 560P2 |
| 19 | 167 | 0.07 | 59 | 2 | SAI | | 06H +18.11 | | 06H | 06H | 0.00 | | 255 | HOT | 580PP |
| | | 0.12 | 93 | 2 | SAI | | 06H +20.09 | | 06H | 06H | 0.10 | | 255 | HOT | 580PP |
| | | 0.12 | 72 | 2 | SAI | | 06H +20.51 | | 06H | 06H | 0.00 | | 255 | HOT | 580PP |
| | | 0.10 | 72 | 2 | SAI | | 06H +21.25 | | 06H | 06H | 0.00 | | 255 | HOT | 580PP |
| | | 0.11 | 119 | 2 | SAI | | 06H +24.12 | | 06H | 06H | 0.00 | | 255 | HOT | 580PP |
| 19 | 173 | 0.19 | 96 | P 2 | TWD | 10 | VSM +0.81 | | TEC | TEH | | | 41 | HOT | 600UL |
| | | 0.15 | 75 | P 5 | TWD | 13 | VSM +0.90 | | VSM | VSM | | | 150 | COLD | 560P2 |
| 20 | 10 | 0.10 | 121 | 2 | SAI | | 06H +2.56 | TO+5.33 | 06H | 06H | 0.10 | | 210 | HOT | 580PP |
| 20 | 18 | 0.22 | 87 | P 5 | TWD | 20 | VSM +0.00 | | 07C | VSM | | | 159 | COLD | 560P2 |
| | | 0.38 | 133 | P 2 | TWD | 16 | VSM +0.00 | | TEC | TEH | | | 18 | HOT | 600UL |
| 20 | 58 | 0.47 | 137 | P 2 | TWD | 17 | 01H +0.95 | | TEH | TEC | | | 42 | COLD | 600UL |
| 20 | 60 | 0.17 | 138 | P 1 | SCI | | TSH +0.15 | | TSH | TSH | 0.0 | 18.37 | 169 | HOT | 580PP |
| 20 | 108 | 0.12 | 94 | P 5 | TWD | 11 | DBC +2.07 | | 07C | DBC | | | 145 | COLD | 560P2 |
| | | 0.20 | 114 | P 3 | TWD | 11 | DBC +1.09 | | TEH | TEC | | | 8 | COLD | 600UL |
| 21 | 67 | 0.37 | 58 | P 3 | TWD | 16 | DBH +1.89 | | TEH | TEC | | | 38 | COLD | 600UL |
| | | 0.36 | 125 | P 2 | TWD | 18 | VSM +0.97 | | TEH | TEC | | | 38 | COLD | 600UL |
| | | 0.22 | 112 | P 5 | TWD | 17 | VSM +0.55 | | VSM | DBH | | | 154 | COLD | 560P2 |
| 21 | 113 | 0.49 | 95 | 2 | SAI | | 07C +0.85 | | 07C | 07C | | | 136 | COLD | 580PP |
| | | 0.47 | 96 | P 2 | TWD | 21 | 07C +0.90 | | STH | TEC | | | 11 | COLD | 600UL |
| 22 | 2 | 0.37 | 148 | P 2 | TWD | 18 | VSM -0.89 | | TEC | TEH | | | 9 | HOT | 600UL |
| | | 0.31 | 106 | P 5 | TWD | 17 | VSM -0.89 | | DBC | VSM | | | 161 | COLD | 560P2 |
| 22 | 10 | 0.23 | 112 | P 2 | TWD | 12 | 03H -0.90 | | TEC | TEH | | | 13 | HOT | 600UL |
| 22 | 58 | 0.45 | 125 | 2 | SAI | | 04H -0.24 | | 04H | 04H | 0.00 | | 272 | HOT | 580PP |
| 22 | 62 | 0.42 | 17 | 2 | SAI | | TSH -8.82 | | TSH | TSH | 1.08 | 18.63 | 169 | HOT | 580PP |
| | | 0.43 | 18 | 2 | SAI | | TSH -8.16 | | TSH | TSH | .32 | 18.63 | 169 | HOT | 580PP |
| 22 | 66 | 0.42 | 24 | P 1 | SCI | | TEH +0.83 | | TEH | SBH | 0.00 | 11.41 | 329 | HOT | 520ET |
| 22 | 118 | 0.42 | 132 | P 2 | TWD | 16 | 07H +0.93 | | TEH | TEC | | | 4 | COLD | 600UL |
| 22 | 120 | 0.33 | 133 | P 2 | TWD | 14 | 07H -0.91 | | TEH | TEC | | | 4 | COLD | 600UL |
| 22 | 164 | 0.22 | 96 | 2 | MAI | | 06H -3.79 | | 06H | 06H | 0.46 | | 172 | HOT | 580PP |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 23 | 0.36 | 108 | P 2 | TWD | 15 | 01H +0.91 | | TEC | TEH | | | 22 | HOT | 600UL |
| 23 | 57 | 0.35 | 123 | 2 | SAI | | 07H -0.83 | | 07H | 07H | 0.00 | | 272 | HOT | 580PP |
| 23 | 59 | 0.40 | 91 | P 2 | TWD | 17 | 01H +0.86 | | TEH | TEC | | | 41 | COLD | 600UL |
| 23 | 115 | 0.34 | 116 | P 2 | TWD | 15 | VSM +0.82 | | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.15 | 85 | P 5 | TWD | 13 | VSM +0.82 | | VSM | VSM | | | 145 | COLD | 560P2 |
| 23 | 169 | 0.27 | 47 | P 2 | TWD | 11 | 02H +0.88 | | TEC | TEH | | | 37 | HOT | 600UL |
| 24 | 18 | 0.12 | 98 | P 5 | TWD | 10 | VSM -0.69 | | VSM | DBH | | | 159 | COLD | 560P2 |
| | | 0.23 | 69 | P 2 | TWD | 10 | VSM -0.88 | | TEC | TEH | | | 18 | HOT | 600UL |
| 24 | 60 | 0.54 | 22 | 2 | SAI | | TSH -15.96 | | TSH | TSH | 0.0 | 18.06 | 169 | HOT | 580PP |
| | | 0.29 | 20 | P 1 | SCI | | TSH -0.06 | | TSH | TSH | 1.04 | 18.06 | 169 | HOT | 580PP |
| 24 | 138 | 0.55 | 164 | P 3 | TWD | 23 | DBH +1.17 | | TEC | TEH | | | 19 | HOT | 600UL |
| 24 | 150 | 0.47 | 157 | P 3 | TWD | 22 | DBH +1.29 | | TEC | TEH | | | 28 | HOT | 600UL |
| 24 | 152 | 0.39 | 24 | P 1 | SCI | | TSH -0.11 | | TSH | TSH | 0.00 | 18.05 | 184 | HOT | 580PP |
| 24 | 154 | 0.26 | 123 | P 2 | TWD | 14 | VSM +0.26 | | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.16 | 81 | P 5 | TWD | 14 | VSM +0.40 | | VSM | VSM | | | 150 | COLD | 560P2 |
| 25 | 109 | 0.98 | 28 | 2 | SAI | | TSH -18.05 | | TSH | TSH | 1.43 | 18.47 | 230 | HOT | 580PP |
| 26 | 14 | 0.31 | 79 | P 2 | TWD | 17 | VSM +0.89 | | TEC | TEH | | | 17 | HOT | 600UL |
| 26 | 110 | 1.17 | 22 | 2 | SAI | | TSH -7.21 | | TSH | TSH | 1.33 | 18.39 | 230 | HOT | 580PP |
| | | 0.22 | 126 | 2 | SAI | | TSH +0.33 | | TSH | TSH | 0.18 | | 230 | HOT | 580PP |
| | | 0.15 | 118 | 2 | SAI | | TSH +0.62 | | TSH | TSH | 0.16 | | 230 | HOT | 580PP |
| 26 | 162 | 0.26 | 80 | P 2 | TWD | 13 | 06H -0.47 | | TEC | TEH | | | 37 | HOT | 600UL |
| | | 0.21 | 103 | 2 | SAI | | 06H -0.43 | | 06H | 06H | 0.61 | | 247 | HOT | 580PP |
| 27 | 21 | 0.36 | 61 | P 2 | TWD | 15 | 03H +0.99 | | TEC | TEH | | | 22 | HOT | 600UL |
| 27 | 23 | 0.47 | 83 | P 2 | TWD | 19 | 07H +0.61 | | TEC | TEH | | | 22 | HOT | 600UL |
| 27 | 111 | 0.17 | 88 | P 1 | MCI | | TSH +0.12 | | TSH | TSH | 0.00 | 17.61 | 225 | HOT | 580PP |
| 27 | 147 | 0.25 | 30 | P 1 | SCI | | TSH -0.11 | | TSH | TSH | 0.48 | 18.91 | 254 | HOT | 580PP |
| 28 | 42 | 0.35 | 27 | P 1 | SCI | | TSH -0.08 | | TSH | TSH | 0.00 | 18.28 | 231 | HOT | 580PP |
| 29 | 19 | 0.36 | 36 | P 2 | TWD | 15 | 07H +0.96 | | TEC | TEH | | | 22 | HOT | 600UL |
| 29 | 127 | 1.17 | 32 | P 1 | MCI | | TSH -10.82 | | TSH | TSH | 2.65 | 18.52 | 198 | HOT | 580PP |
| | | 0.46 | 27 | P 1 | MCI | | TSH -7.59 | | TSH | TSH | 1.40 | 18.52 | 198 | HOT | 580PP |
| 30 | 18 | 0.30 | 155 | P 3 | TWD | 14 | DBH -1.83 | | TEH | TEC | | | 69 | COLD | 600UL |
| 30 | 36 | 0.33 | 160 | P 3 | TWD | 16 | DBC +1.97 | | TEC | TEH | | | 30 | HOT | 600UL |
| 30 | 70 | 0.49 | 86 | P5 | TWD | 31 | DBC -2.21 | TO+2.13 | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.30 | 147 | P 3 | TWD | 15 | DBC -1.99 | | TEH | TEC | LAR | | 37 | COLD | 600UL |
| 31 | 71 | 0.35 | 90 | P 5 | TWD | 24 | DBC +1.94 | | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.28 | 95 | P 5 | TWD | 21 | DBC -1.94 | | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.36 | 82 | P 5 | TWD | 25 | DBH -1.87 | | DBH | DBH | | | 153 | COLD | 560P2 |
| | | 0.25 | 127 | P 3 | TWD | 11 | DBC +1.67 | | TEH | TEC | | | 37 | COLD | 600UL |
| | | 0.21 | 138 | P 3 | TWD | 9 | DBC -1.71 | | TEH | TEC | | | 37 | COLD | 600UL |
| | | 0.50 | 52 | P 3 | TWD | 19 | DBH -1.74 | | TEH | TEC | | | 37 | COLD | 600UL |
| 31 | 117 | 0.30 | 143 | P 2 | TWD | 13 | 07C +0.34 | | TEH | TEC | | | 6 | COLD | 600UL |
| 32 | 22 | 0.32 | 77 | P 2 | TWD | 13 | 07H +0.81 | | TEC | TEH | | | 22 | HOT | 600UL |
| 33 | 13 | 0.36 | 99 | P 2 | TWD | 19 | VSM +0.54 | | TEC | TEH | | | 17 | HOT | 600UL |
| 33 | 127 | 1.27 | 30 | P 1 | SCI | | TSH -8.34 | | TSH | TSH | 2.05 | 18.48 | 198 | HOT | 580PP |
| 35 | 13 | 0.36 | 87 | P 2 | TWD | 15 | 04H -0.87 | | TEC | TEH | | | 18 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 21 | 0.45 | 35 | P 2 | TWD | 18 | 02H +0.91 | | TEC | TEH | | | 22 | HOT | 600UL |
| 35 | 61 | 0.20 | 151 | P 1 | SCI | | TSH +0.06 | | TSH | TSH | 0.0 | 18.04 | 169 | HOT | 580PP |
| 35 | 115 | 0.17 | 139 | P 1 | SCI | | TSH +0.10 | | TSH | TSH | 0.00 | 19.11 | 226 | HOT | 580PP |
| 36 | 40 | 0.10 | 94 | 2 | SAI | | 01H +15.52 | | 01H | 01H | 0.00 | | 228 | HOT | 580PP |
| | | 0.10 | 103 | 2 | SAI | | 01H +17.44 | | 01H | 01H | 0.00 | | 228 | HOT | 580PP |
| 36 | 104 | 0.29 | 90 | P 5 | TWD | 22 | DBC -1.75 | | DBC | DBC | | | 145 | COLD | 560P2 |
| | | 0.26 | 86 | P 3 | TWD | 14 | DBC -2.22 | | TEH | TEC | | | 8 | COLD | 600UL |
| 36 | 114 | 0.36 | 96 | P 2 | TWD | 16 | 02H +0.88 | | TEH | TEC | | | 5 | COLD | 600UL |
| 36 | 126 | 0.32 | 26 | P 1 | SCI | | TSH -4.32 | | TSH | TSH | 0.13 | 19.07 | 198 | HOT | 580PP |
| 36 | 132 | 0.50 | 22 | P 1 | SCI | | TSH -6.64 | | TSH | TSH | 0.53 | 18.51 | 161 | HOT | 580PP |
| 36 | 134 | 0.35 | 18 | P 1 | SCI | | TSH -8.22 | | TSH | TSH | 0.0 | 18.48 | 161 | HOT | 580PP |
| 37 | 59 | 0.19 | 79 | P 1 | SCI | | TSH +0.09 | | TSH | TSH | .37 | 21.67 | 169 | HOT | 580PP |
| 37 | 75 | 0.71 | 77 | P 5 | TWD | 38 | DBC -2.16 | TO+2.27 | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.88 | 76 | P 5 | TWD | 43 | DBH -2.20 | TO+1.97 | DBH | DBH | | | 153 | COLD | 560P2 |
| | | 1.13 | 86 | P 3 | TWD | 33 | DBH -1.39 | | TEH | TEC | | | 36 | COLD | 600UL |
| | | 0.54 | 163 | P 3 | TWD | 20 | DBC +1.60 | | TEH | TEC | | | 36 | COLD | 600UL |
| | | 0.62 | 98 | P 3 | TWD | 22 | DBC -2.25 | | TEH | TEC | | | 36 | COLD | 600UL |
| 37 | 101 | 0.26 | 81 | P 3 | TWD | 13 | DBC +1.91 | | TEC | TEH | | AAS | 16 | HOT | 600UL |
| | | 0.33 | 96 | P 5 | TWD | 22 | DBC +1.92 | | DBC | DBC | | | 152 | COLD | 560P2 |
| 37 | 103 | 0.42 | 76 | P 5 | TWD | 29 | DBH -1.85 | | DBH | DBH | | | 145 | COLD | 560P2 |
| | | 0.24 | 40 | P 3 | TWD | 13 | DBH -1.48 | | TEH | TEC | | | 7 | COLD | 600UL |
| 37 | 105 | 0.13 | 95 | P 5 | TWD | 11 | DBH -2.12 | | VSM | DBH | | | 145 | COLD | 560P2 |
| 38 | 4 | 0.31 | 55 | P 2 | TWD | 16 | 01C +0.09 | | TEC | TEH | | | 13 | HOT | 600UL |
| | | 0.29 | 72 | P 2 | TWD | 15 | 02C -0.88 | | TEC | TEH | | | 13 | HOT | 600UL |
| | | 0.23 | 104 | P 5 | TWD | 16 | 01C +0.11 | | 01C | 01C | | | 139 | COLD | 580PP |
| | | 0.27 | 102 | P 5 | TWD | 18 | 02C -1.04 | | 02C | 02C | | | 139 | COLD | 580PP |
| 38 | 20 | 0.22 | 129 | P 3 | TWD | 12 | DBH +0.79 | | TEC | TEH | | | 25 | HOT | 600UL |
| | | 0.22 | 129 | P 3 | TWD | 12 | DBH -0.10 | | TEC | TEH | | | 25 | HOT | 600UL |
| | | 0.15 | 98 | P 5 | TWD | 11 | DBH +0.79 | | VSM | DBH | | | 158 | COLD | 560P2 |
| 38 | 40 | 0.84 | 28 | P 1 | SCI | | TSH -10.21 | | TSH | TSH | 1.26 | 17.57 | 227 | HOT | 580PP |
| 38 | 60 | 0.18 | 104 | 2 | SAI | | TSH +1.00 | | TSH | TSH | 0.00 | 18.73 | 170 | HOT | 580PP |
| 38 | 116 | 0.66 | 20 | 2 | SAI | | TSH -6.02 | | TSH | TSH | 1.00 | 18.38 | 222 | HOT | 580PP |
| 38 | 128 | 0.38 | 52 | P 3 | TWD | 16 | DBH +2.24 | | TEH | TEC | | | 58 | COLD | 600UL |
| 38 | 156 | 0.32 | 61 | P 2 | TWD | 15 | 03H -0.72 | | TEC | TEH | | | 33 | HOT | 600UL |
| 39 | 21 | 0.39 | 87 | P 2 | TWD | 16 | VSM +0.74 | | TEC | TEH | | | 22 | HOT | 600UL |
| 39 | 59 | 0.23 | 71 | 2 | SAI | | TSH +0.18 | | TSH | TSH | 0.00 | 22.46 | 170 | HOT | 580PP |
| 39 | 67 | 0.30 | 114 | 2 | SAI | | TSH -0.07 | | TSH | TSH | 0.40 | 17.97 | 173 | HOT | 580PP |
| 39 | 69 | 0.62 | 17 | P 1 | SCI | | TSH -12.09 | | TSH | TSH | 0.67 | 17.87 | 173 | HOT | 580PP |
| 39 | 73 | 4.06 | 35 | 2 | SAI | | TSH -10.15 | | TSH | TSH | 4.25 | 17.80 | 178 | HOT | 580PP |
| | | 0.64 | 21 | 2 | SAI | | TSH -9.19 | | TSH | TSH | 0.42 | | 178 | HOT | 580PP |
| | | 0.43 | 18 | 2 | SAI | | TSH -1.21 | | TSH | TSH | 0.41 | | 178 | HOT | 580PP |
| | | 0.63 | 83 | P 5 | TWD | 36 | DBC -1.89 | | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.61 | 82 | P 3 | TWD | 22 | DBC -1.56 | | TEH | TEC | | | 36 | COLD | 600UL |
| 39 | 127 | 14.03 | 46 | P 1 | SCI | | TSH -9.34 | | TSH | TSH | 14.03 | 18.86 | 198 | HOT | 580PP |
| | | 1.57 | 27 | P 1 | SCI | | TSH -7.81 | | TSH | TSH | 1.54 | | 198 | HOT | 580PP |
| 40 | 62 | 0.41 | 22 | P 3 | TWD | 19 | DBC -0.51 | | TEH | TEC | | | 40 | COLD | 600UL |
| 40 | 140 | 0.34 | 106 | P 2 | TWD | 16 | VSM -0.89 | | TEC | TEH | | | 23 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | 47 | 0.46 | 63 | P 2 | TWD | 19 | 02H -1.19 | TEH | TEC | | | 45 | COLD | 600UL |
| 41 | 63 | 0.33 | 51 | P 2 | TWD | 17 | 02H +0.96 | TEH | TEC | | | 38 | COLD | 600UL |
| | | 0.32 | 58 | P 2 | TWD | 16 | 06H +0.87 | TEH | TEC | | | 38 | COLD | 600UL |
| 41 | 73 | 0.16 | 105 | P 5 | TWD | 13 | DBC -1.83 | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.24 | 50 | P 3 | TWD | 12 | DBC -1.80 | TEH | TEC | | | 37 | COLD | 600UL |
| 41 | 75 | 0.32 | 102 | P 5 | TWD | 23 | DBC +2.21 | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.16 | 87 | P 5 | TWD | 13 | DBC -1.59 | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.41 | 123 | P 3 | TWD | 16 | DBC +1.69 | TEH | TEC | LAR | | 36 | COLD | 600UL |
| 41 | 101 | 0.37 | 94 | P 3 | TWD | 17 | DBC +1.75 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.43 | 72 | P 5 | TWD | 27 | DBC +1.92 | DBC | DBC | | | 152 | COLD | 560P2 |
| 41 | 103 | 0.25 | 72 | P 2 | TWD | 13 | VSM +0.87 | STH | TEC | | | 11 | COLD | 600UL |
| | | 0.20 | 86 | P 5 | TWD | 16 | VSM +0.79 | VSM | VSM | | | 145 | COLD | 560P2 |
| 41 | 143 | 0.44 | 150 | P 2 | TWD | 20 | VSM +0.65 | TEC | TEH | | | 23 | HOT | 600UL |
| 41 | 159 | 0.35 | 90 | P 2 | TWD | 14 | 01H +1.15 | TEH | TEC | | | 61 | COLD | 600UL |
| 42 | 110 | 0.53 | 68 | P 2 | TWD | 20 | VSM -0.15 | TEH | TEC | | | 6 | COLD | 600UL |
| | | 1.20 | 112 | P 2 | TWD | 34 | VSM +0.98 | TEH | TEC | | | 6 | COLD | 600UL |
| | | 0.34 | 92 | P 5 | TWD | 24 | VSM -0.15 | VSM | VSM | | | 145 | COLD | 560P2 |
| | | 0.47 | 88 | P 5 | TWD | 31 | VSM +0.98 | VSM | VSM | | | 145 | COLD | 560P2 |
| 42 | 124 | 0.80 | 17 | 2 | SAI | | TSH -12.60 | TSH | TSH | 0.80 | 18.35 | 208 | HOT | 580PP |
| | | 1.19 | 25 | P 1 | MCI | | TSH -11.31 | TSH | TSH | 0.93 | | 208 | HOT | 580PP |
| | | 0.82 | 30 | P 1 | MCI | | TSH -8.55 | TSH | TSH | 1.44 | | 208 | HOT | 580PP |
| 42 | 168 | 0.50 | 147 | P 2 | TWD | 22 | VSM +1.06 | TEC | TEH | | | 36 | HOT | 600UL |
| | | 0.35 | 89 | P 5 | TWD | 26 | VSM +1.04 | VSM | VSM | | | 150 | COLD | 560P2 |
| 42 | 170 | 0.62 | 105 | P 2 | TWD | 24 | VSM -0.25 | TEC | TEH | | | 37 | HOT | 600UL |
| | | 0.36 | 91 | P 5 | TWD | 26 | VSM -0.46 | VSM | VSM | | | 150 | COLD | 560P2 |
| 43 | 65 | 0.14 | 97 | P 1 | SCI | | TSH -0.05 | TSH | TSH | 0.33 | 18.02 | 173 | HOT | 580PP |
| 43 | 79 | 0.74 | 69 | P 3 | TWD | 26 | DBH +2.08 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.69 | 76 | P 5 | TWD | 39 | DBH +1.70 | DBH | DBH | | | 151 | COLD | 560P2 |
| 43 | 101 | 0.61 | 106 | P 3 | TWD | 24 | DBC +1.77 | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.70 | 83 | P 5 | TWD | 38 | DBC +2.00 | DBC | DBC | | | 152 | COLD | 560P2 |
| 44 | 18 | 0.14 | 94 | P 5 | TWD | 12 | VSM -0.71 | VSM | DBH | | | 159 | COLD | 560P2 |
| | | 0.14 | 84 | P 5 | TWD | 12 | VSM +0.91 | VSM | DBH | | | 159 | COLD | 560P2 |
| | | 0.16 | 39 | P 2 | TWD | 7 | VSM +0.63 | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.32 | 144 | P 2 | TWD | 14 | VSM -0.90 | TEC | TEH | | | 22 | HOT | 600UL |
| 44 | 74 | 0.60 | 80 | P 5 | TWD | 35 | DBC -2.18 | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.27 | 78 | P 5 | TWD | 20 | DBC +1.98 | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.46 | 71 | P 3 | TWD | 18 | DBC -2.24 | TEH | TEC | | | 36 | COLD | 600UL |
| | | 0.33 | 173 | P 3 | TWD | 14 | DBC +1.92 | TEH | TEC | | | 36 | COLD | 600UL |
| 44 | 100 | 1.05 | 77 | P 5 | TWD | 47 | DBC +1.76 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.15 | 92 | P 5 | TWD | 11 | DBC -1.78 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 1.25 | 91 | P 3 | TWD | 36 | DBC +2.16 | TEC | TEH | | AAS | 16 | HOT | 600UL |
| | | 0.18 | 85 | P 3 | TWD | 9 | DBC -1.82 | TEC | TEH | | | 16 | HOT | 600UL |
| 44 | 104 | 0.22 | 89 | P 5 | TWD | 18 | VSM +0.81 | VSM | VSM | | | 145 | COLD | 560P2 |
| | | 0.16 | 89 | P 5 | TWD | 14 | VSM -0.91 | VSM | VSM | | | 145 | COLD | 560P2 |
| | | 0.56 | 58 | P 2 | TWD | 23 | VSM +0.87 | TEH | TEC | LAR | | 8 | COLD | 600UL |
| 44 | 112 | 0.54 | 131 | P 2 | TWD | 21 | VSM -0.91 | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.27 | 84 | P 5 | TWD | 21 | VSM -0.78 | VSM | VSM | | | 145 | COLD | 560P2 |
| 44 | 150 | 0.24 | 143 | P 2 | TWD | 13 | 01H +0.99 | TEC | TEH | | | 28 | HOT | 600UL |
| 45 | 19 | 0.33 | 69 | P 2 | TWD | 14 | 03H +0.82 | TEC | TEH | | | 22 | HOT | 600UL |
| 45 | 47 | 0.33 | 26 | 2 | SAI | | TSH -4.74 | TEH | TSH | 0.31 | 23.00 | 159 | HOT | 580PP |
| 45 | 63 | 0.33 | 117 | P 2 | TWD | 17 | VSM -0.85 | TEH | TEC | | | 38 | COLD | 600UL |
| 45 | 67 | 0.49 | 18 | 2 | SAI | | TSH -3.44 | TSH | TSH | 0.34 | 18.01 | 173 | HOT | 580PP |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 | 73 | 0.34 | 81 | P 5 | TWD | 24 | DBC -1.79 | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.40 | 88 | P 3 | TWD | 18 | DBC -1.99 | TEH | TEC | | | 37 | COLD | 600UL |
| | | 0.47 | 16 | 2 | SAI | | TSH -0.72 | TSH | TSH | 0.30 | 18.92 | 278 | HOT | 580PP |
| | | 0.37 | 11 | 2 | SAI | | TSH -0.42 | TSH | TSH | 0.11 | | 278 | HOT | 580PP |
| 45 | 101 | 1.01 | 91 | P 3 | TWD | 32 | DBC +2.18 | TEC | TEH | | AAS | 16 | HOT | 600UL |
| | | 0.85 | 76 | P 5 | TWD | 42 | DBC +1.27 | DBC | DBC | | | 152 | COLD | 560P2 |
| 45 | 103 | 0.18 | 91 | P 5 | TWD | 15 | VSM -0.18 | VSM | VSM | | | 145 | COLD | 560P2 |
| | | 0.14 | 90 | P 5 | TWD | 12 | VSM -1.02 | VSM | VSM | | | 145 | COLD | 560P2 |
| | | 0.41 | 81 | P 5 | TWD | 28 | VSM +0.89 | VSM | VSM | AEC | | 145 | COLD | 560P2 |
| | | 0.51 | 106 | P 2 | TWD | 24 | VSM +0.89 | TEH | TEC | | | 7 | COLD | 600UL |
| | | 0.15 | 91 | P 2 | TWD | 10 | VSM +0.02 | TEH | TEC | | | 7 | COLD | 600UL |
| | | 0.15 | 29 | P 2 | TWD | 10 | VSM -0.82 | TEH | TEC | | | 7 | COLD | 600UL |
| 45 | 119 | 0.09 | 126 | 2 | SAI | | 01H +5.86 | 01H | 01H | 0.19 | | 221 | HOT | 580PP |
| | | 0.09 | 106 | 2 | SAI | | 01H +4.20 | 01H | 01H | 0.11 | | 221 | HOT | 580PP |
| 45 | 145 | 0.32 | 118 | P 2 | TWD | 16 | VSM -0.91 | TEC | TEH | | | 23 | HOT | 600UL |
| | | 0.17 | 101 | P 5 | TWD | 15 | VSM -0.93 | VSM | VSM | | | 149 | COLD | 560P2 |
| 45 | 147 | 0.41 | 149 | P 2 | TWD | 19 | VSM -0.75 | TEC | TEH | | | 23 | HOT | 600UL |
| 45 | 167 | 0.44 | 135 | P 2 | TWD | 18 | VSM +0.77 | TEC | TEH | | | 37 | HOT | 600UL |
| 46 | 44 | 3.53 | 31 | 2 | SAI | | TSH -8.24 | TSH | TSH | 3.78 | 17.49 | 232 | HOT | 580PP |
| 46 | 72 | 0.37 | 17 | 2 | SAI | | TSH -2.67 | TSH | TSH | 0.0 | 17.82 | 279 | HOT | 580PP |
| 46 | 104 | 0.37 | 90 | P 5 | TWD | 26 | VSM +0.00 | VSM | VSM | | | 145 | COLD | 560P2 |
| | | 0.24 | 92 | P 5 | TWD | 19 | VSM -0.87 | VSM | VSM | | | 145 | COLD | 560P2 |
| | | 0.22 | 105 | P 5 | TWD | 18 | VSM +0.64 | VSM | VSM | | | 145 | COLD | 560P2 |
| | | 0.55 | 52 | P 2 | TWD | 25 | VSM -0.78 | TEH | TEC | | | 7 | COLD | 600UL |
| | | 0.14 | 48 | P 2 | TWD | 8 | VSM +0.10 | TEH | TEC | | | 7 | COLD | 600UL |
| 46 | 128 | 0.30 | 123 | P 2 | TWD | 13 | VSM -0.89 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.14 | 104 | P 5 | TWD | 13 | VSM -1.02 | VSM | VSM | | | 145 | COLD | 560P2 |
| 46 | 130 | 1.49 | 21 | 2 | SAI | | TSH -14.96 | TSH | TSH | 1.49 | 18.94 | 162 | HOT | 580PP |
| 46 | 132 | 0.11 | 100 | 2 | SAI | | 01H +2.60 | 01H | 01H | .18 | | 171 | HOT | 580PP |
| | | 0.12 | 122 | 2 | MAI | | 07H +18.60 TO+19.62 | 07H | DBH | 0.00 | | 165 | COLD | 560P2 |
| 46 | 136 | 0.94 | 24 | 2 | SAI | | TSH -14.55 | TSH | TSH | 1.09 | | 162 | HOT | 580PP |
| | | 1.14 | 24 | 2 | SAI | | TSH -14.76 | TSH | TSH | 1.17 | 18.20 | 162 | HOT | 580PP |
| | | 0.22 | 129 | 2 | SAI | | TSH +0.84 | TSH | TSH | 0.0 | | 162 | HOT | 580PP |
| 46 | 154 | 0.49 | 67 | P 2 | TWD | 21 | 03H -0.88 | TEC | TEH | | | 29 | HOT | 600UL |
| 46 | 156 | 0.54 | 110 | P 2 | TWD | 22 | VSM -1.22 | TEC | TEH | | | 33 | HOT | 600UL |
| | | 0.20 | 67 | P 2 | TWD | 11 | VSM +0.78 | TEC | TEH | | | 33 | HOT | 600UL |
| | | 0.30 | 81 | P 5 | TWD | 23 | VSM -0.98 | VSM | VSM | | | 150 | COLD | 560P2 |
| | | 0.12 | 89 | P 5 | TWD | 10 | VSM +0.71 | VSM | VSM | | | 150 | COLD | 560P2 |
| 46 | 162 | 0.27 | 81 | P 2 | TWD | 11 | VSM +0.89 | TEC | TEH | | | 37 | HOT | 600UL |
| | | 0.17 | 88 | P 5 | TWD | 14 | VSM +0.74 | VSM | VSM | | | 150 | COLD | 560P2 |
| 46 | 170 | 0.25 | 45 | P 3 | TWD | 13 | DBC +1.54 | TEC | TEH | | | 37 | HOT | 600UL |
| | | 0.18 | 93 | P 5 | TWD | 15 | DBC +1.62 | DBC | DBC | | | 150 | COLD | 560P2 |
| 47 | 15 | 0.18 | 121 | 2 | SAI | | DBH +1.68 | DBC | DBH | 0.00 | | 159 | COLD | 560P2 |
| | | 0.27 | 130 | P 3 | TWD | 12 | DBH +1.07 | TEC | TEH | | | 18 | HOT | 600UL |
| 47 | 33 | 0.46 | 55 | P 3 | TWD | 21 | DBH +1.70 | TEC | TEH | | | 26 | HOT | 600UL |
| 47 | 41 | 0.50 | 10 | 2 | SAI | | TSH -11.41 | TSH | TSH | 0.60 | 17.81 | 227 | HOT | 580PP |
| | | 0.55 | 10 | 2 | SAI | | TSH -3.48 | TSH | TSH | 0.59 | | 227 | HOT | 580PP |
| 47 | 45 | 2.80 | 31 | 2 | SAI | | TEH +6.43 | TEH | SBH | 4.07 | 11.34 | 329 | HOT | 520ET |
| 47 | 51 | 0.11 | 132 | P 1 | SCI | | TSH +0.14 | TSH | TSH | 0.06 | 22.09 | 160 | HOT | 580PP |
| 47 | 77 | 1.10 | 131 | P 3 | TWD | 34 | DBC +1.87 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.82 | 82 | P 5 | TWD | 43 | DBC +1.90 | DBC | DBC | | | 151 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 47 | 101 | 0.34 | 147 | P 3 | TWD | 15 | DBH | -1.98 | | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.96 | 68 | P 3 | TWD | 31 | DBC | +1.75 | | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.34 | 86 | P 5 | TWD | 23 | DBH | -1.83 | | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.96 | 76 | P 5 | TWD | 45 | DBC | +1.44 | | DBC | DBC | | | 152 | COLD | 560P2 |
| 47 | 109 | 0.18 | 85 | 2 | SAI | | TSH | +0.24 | | TSH | TSH | 0.00 | 18.35 | 230 | HOT | 580PP |
| 47 | 121 | 0.26 | 140 | P 2 | TWD | 10 | VSM | -0.86 | | TEH | TEC | | | 4 | COLD | 600UL |
| | | 0.19 | 84 | P 5 | TWD | 16 | VSM | -0.88 | | VSM | VSM | | | 145 | COLD | 560P2 |
| 48 | 6 | 0.38 | 78 | P 2 | TWD | 18 | 08C | -1.72 | | TEC | TEH | | LOCOK | 13 | HOT | 600UL |
| | | 0.14 | 88 | P 5 | TWD | 11 | 08C | -1.72 | | 08C | DBC | | | 160 | COLD | 560P2 |
| 48 | 8 | 0.30 | 128 | P 2 | TWD | 14 | 02C | +0.94 | | TEC | TEH | | | 14 | HOT | 600UL |
| | | 0.21 | 104 | P 5 | TWD | 15 | 02C | +0.85 | | 02C | 02C | | | 139 | COLD | 580PP |
| 48 | 14 | 0.25 | 75 | 2 | SAI | | 06H | -1.30 | TO-7.29 | 06H | 06H | 0.15 | | 209 | HOT | 580PP |
| 48 | 34 | 0.19 | 24 | P 2 | TWD | 10 | VSM | -0.66 | | TEC | TEH | | | 30 | HOT | 600UL |
| | | 0.18 | 101 | P 5 | TWD | 13 | VSM | -0.66 | | VSM | VSM | | | 157 | COLD | 560P2 |
| 48 | 66 | 0.99 | 157 | P 2 | TWD | 29 | VSM | -0.82 | | TEH | TEC | | | 40 | COLD | 600UL |
| | | 0.64 | 80 | P 5 | TWD | 36 | VSM | -0.93 | | VSM | VSM | | | 153 | COLD | 560P2 |
| 48 | 74 | 0.14 | 119 | P 1 | SCI | | TSH | +0.08 | | TSH | TSH | 1.28 | 17.23 | 177 | HOT | 580PP |
| | | 0.30 | 86 | P 5 | TWD | 22 | DBC | -1.95 | | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.17 | 92 | P 5 | TWD | 14 | DBC | +2.19 | | DBC | DBC | | | 153 | COLD | 560P2 |
| | | 0.36 | 131 | P 3 | TWD | 17 | DBC | -1.92 | | TEH | TEC | LAR | | 37 | COLD | 600UL |
| 48 | 100 | 0.44 | 90 | P 5 | TWD | 28 | DBC | +2.10 | | 08C | DBC | | | 152 | COLD | 560P2 |
| | | 0.53 | 62 | P 3 | TWD | 22 | DBC | +2.17 | | TEC | TEH | | AAS | 16 | HOT | 600UL |
| 48 | 108 | 0.28 | 88 | 2 | SAI | | TSH | +0.18 | | TSH | TSH | 0.20 | 19.00 | 229 | HOT | 580PP |
| 48 | 118 | 0.46 | 67 | P 2 | TWD | 19 | 04H | -1.15 | | TEH | TEC | | | 3 | COLD | 600UL |
| | | 0.17 | 87 | P 5 | TWD | 11 | 04H | -1.15 | | 04H | 04H | | | 222 | HOT | 580PP |
| 48 | 146 | 0.47 | 151 | P 3 | TWD | 20 | DBH | +1.22 | | TEC | TEH | | | 23 | HOT | 600UL |
| 48 | 158 | 0.66 | 158 | P 2 | TWD | 23 | VSM | -0.62 | | TEH | TEC | | | 61 | COLD | 600UL |
| | | 0.17 | 97 | P 5 | TWD | 14 | VSM | +0.90 | | VSM | VSM | | | 150 | COLD | 560P2 |
| | | 0.34 | 88 | P 5 | TWD | 26 | VSM | -0.87 | | VSM | VSM | | | 150 | COLD | 560P2 |
| 49 | 9 | 0.29 | 86 | P 2 | TWD | 15 | VSM | -0.76 | | TEC | TEH | | AAS | 13 | HOT | 600UL |
| 49 | 39 | 0.29 | 137 | P 2 | TWD | 13 | VSM | -0.77 | | TEC | TEH | | | 31 | HOT | 600UL |
| 49 | 49 | 0.40 | 64 | P 2 | TWD | 16 | 08H | +1.70 | | TEH | TEC | | LOCOK | 44 | COLD | 600UL |
| 49 | 53 | 0.53 | 98 | P 2 | TWD | 17 | 08C | -1.44 | | TEH | TEC | | LOCOK | 43 | COLD | 600UL |
| 49 | 59 | 0.15 | 102 | 2 | MAI | | TSH | +1.56 | TO+2.25 | TSH | TSH | 0.0 | 19.65 | 169 | HOT | 580PP |
| 49 | 65 | 0.28 | 108 | P 2 | TWD | 10 | VSM | -0.81 | | TEH | TEC | | | 40 | COLD | 600UL |
| 49 | 75 | 0.34 | 115 | P 3 | TWD | 15 | DBC | -1.75 | | TEH | TEC | | | 70 | COLD | 600UL |
| | | 0.30 | 82 | P 5 | TWD | 22 | DBC | -2.01 | | 08C | DBC | | | 153 | COLD | 560P2 |
| 49 | 77 | 0.43 | 90 | P 3 | TWD | 18 | DBC | -1.96 | | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.16 | 112 | P 3 | TWD | 8 | DBC | +1.52 | | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.29 | 87 | P 2 | TWD | 14 | 08H | +0.89 | | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.30 | 94 | P 5 | TWD | 22 | DBC | -1.95 | | 08C | DBC | | | 151 | COLD | 560P2 |
| | | 0.24 | 98 | P 5 | TWD | 19 | DBC | +1.71 | | 08C | DBC | | | 151 | COLD | 560P2 |
| | | 0.18 | 116 | 2 | SAI | | 08C | -1.32 | | 08C | DBC | 0.11 | | 151 | COLD | 560P2 |
| 49 | 79 | 0.34 | 87 | P 2 | TWD | 15 | 08C | -1.50 | | TEC | TEH | | LOCOK | 11 | HOT | 600UL |
| | | 0.24 | 105 | P 2 | TWD | 12 | 08C | +1.35 | | TEC | TEH | | LOCOK | 11 | HOT | 600UL |
| | | 0.22 | 135 | P 2 | TWD | 11 | 08H | +1.46 | | TEC | TEH | | LOCOK | 11 | HOT | 600UL |
| 49 | 99 | 0.55 | 81 | P 5 | TWD | 32 | DBC | -1.85 | | 08C | DBC | | | 152 | COLD | 560P2 |
| | | 0.58 | 83 | P 5 | TWD | 34 | DBH | -1.94 | | DBH | 08H | | | 152 | COLD | 560P2 |
| | | 0.67 | 88 | P 3 | TWD | 25 | DBC | -1.75 | | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.57 | 94 | P 3 | TWD | 23 | DBH | -1.75 | | TEC | TEH | | | 15 | HOT | 600UL |
| 49 | 103 | 0.16 | 114 | P 5 | TWD | 13 | VSM | -0.79 | | VSM | VSM | | | 146 | COLD | 560P2 |
| | | 0.24 | 118 | P 2 | TWD | 14 | VSM | -0.88 | | TEH | TEC | | | 7 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49 | 113 | 0.31 | 93 | P 2 | TWD | 16 | 08H | -1.21 | STH | TEC | | | 11 | COLD | 600UL |
| 49 | 121 | 0.36 | 119 | P 2 | TWD | 16 | 08H | -0.86 | TEH | TEC | | | 3 | COLD | 600UL |
| 49 | 145 | 0.49 | 55 | P 2 | TWD | 22 | 08H | -1.01 | TEC | TEH | | LOCOK | 23 | HOT | 600UL |
| 49 | 159 | 0.50 | 90 | P 2 | TWD | 19 | VSM | +0.71 | TEH | TEC | | | 61 | COLD | 600UL |
| | | 0.21 | 98 | P 5 | TWD | 17 | VSM | +0.86 | VSM | VSM | | | 150 | COLD | 560P2 |
| | | 0.19 | 94 | P 5 | TWD | 16 | VSM | +0.25 | VSM | VSM | | | 150 | COLD | 560P2 |
| 50 | 44 | 0.31 | 116 | P 2 | TWD | 13 | VSM | -0.81 | TEC | TEH | | | 35 | HOT | 600UL |
| 50 | 64 | 0.50 | 107 | P 2 | TWD | 18 | 08H | -1.45 | TEH | TEC | | LOCOK | 40 | COLD | 600UL |
| | | 0.57 | 140 | P 2 | TWD | 20 | 08H | +1.43 | TEH | TEC | | LOCOK | 40 | COLD | 600UL |
| 50 | 74 | 0.27 | 85 | P 5 | TWD | 20 | DBC | -2.03 | 08C | DBC | | | 153 | COLD | 560P2 |
| | | 0.47 | 86 | P 5 | TWD | 30 | DBC | +2.09 | 08C | DBC | | | 153 | COLD | 560P2 |
| | | 0.68 | 163 | P 3 | TWD | 24 | DBC | +1.96 | TEH | TEC | | | 36 | COLD | 600UL |
| | | 0.23 | 92 | P 3 | TWD | 10 | DBC | -2.24 | TEH | TEC | | | 36 | COLD | 600UL |
| 50 | 76 | 0.41 | 108 | P 3 | TWD | 19 | DBC | -1.62 | TEC | TEH | | | 60 | HOT | 600UL |
| | | 0.34 | 83 | P 5 | TWD | 25 | DBC | -1.66 | DBC | DBC | | | 151 | COLD | 560P2 |
| 50 | 78 | 0.49 | 104 | P 3 | TWD | 21 | DBC | +1.98 | TEC | TEH | | AAS | 12 | HOT | 600UL |
| | | 0.36 | 139 | P 3 | TWD | 16 | DBC | -1.74 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.33 | 92 | 2 | SAI | | TSH | +0.55 | TSH | TSH | 0.00 | 17.26 | 181 | HOT | 580PP |
| | | 0.06 | 76 | 2 | SAI | | TSH | +0.98 | TSH | TSH | 0.00 | | 181 | HOT | 580PP |
| | | 0.15 | 63 | 2 | SAI | | TSH | +1.11 | TSH | TSH | 0.00 | | 181 | HOT | 580PP |
| | | 0.15 | 94 | 2 | SAI | | TSH | +1.26 | TSH | TSH | 0.00 | | 181 | HOT | 580PP |
| | | 0.24 | 97 | 2 | SAI | | TSH | +1.60 | TSH | TSH | 0.00 | | 181 | HOT | 580PP |
| | | 0.36 | 87 | P 5 | TWD | 25 | DBC | +2.05 | 08C | DBC | | | 151 | COLD | 560P2 |
| | | 0.34 | 82 | P 5 | TWD | 24 | DBC | -1.96 | 08C | DBC | | | 151 | COLD | 560P2 |
| 50 | 82 | 0.46 | 143 | P 3 | TWD | 19 | DBC | -1.59 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.72 | 67 | P 3 | TWD | 26 | DBC | +1.61 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.44 | 115 | P 3 | TWD | 18 | DBH | -1.61 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.18 | 97 | P 3 | TWD | 9 | DBH | +1.75 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.18 | 76 | P 5 | TWD | 15 | DBH | +1.80 | DBH | 08H | | | 151 | COLD | 560P2 |
| | | 0.30 | 89 | P 5 | TWD | 22 | DBH | -1.78 | DBH | 08H | | | 151 | COLD | 560P2 |
| | | 0.48 | 89 | P 5 | TWD | 31 | DBC | -1.83 | 08C | DBC | | | 151 | COLD | 560P2 |
| | | 0.65 | 83 | P 5 | TWD | 38 | DBC | +1.94 | 08C | DBC | | | 151 | COLD | 560P2 |
| 50 | 158 | 0.44 | 72 | P 2 | TWD | 20 | 08H | -1.15 | TEC | TEH | | | 33 | HOT | 600UL |
| 51 | 51 | 0.34 | 117 | 2 | SAI | | TSH | +0.31 | TSH | TSH | 0.45 | 21.19 | 160 | HOT | 580PP |
| | | 0.28 | 100 | P 1 | SCI | | TSH | +0.14 | TSH | TSH | .24 | 21.19 | 160 | HOT | 580PP |
| | | 0.45 | 20 | P 1 | SCI | | TSH | -0.15 | TSH | TSH | .09 | 21.19 | 160 | HOT | 580PP |
| 51 | 61 | 0.89 | 21 | 2 | SAI | | TSH | -14.07 | TSH | TSH | 0.53 | 18.67 | 170 | HOT | 580PP |
| | | 0.42 | 55 | P 2 | TWD | 15 | 08C | -0.91 | TEH | TEC | | | 40 | COLD | 600UL |
| | | 0.35 | 77 | 2 | SAI | | 08C | -0.82 | 08C | 08C | 0.52 | | 137 | COLD | 580PP |
| 51 | 75 | 0.47 | 87 | P 5 | TWD | 30 | DBC | -2.24 TO+0.50 | 08C | DBC | | | 153 | COLD | 560P2 |
| | | 0.53 | 86 | P 3 | TWD | 20 | DBC | -1.76 | STH | TEC | | | 66 | COLD | 600UL |
| 51 | 95 | 0.70 | 78 | P 5 | TWD | 38 | DBC | +1.63 | 08C | DBC | | | 161 | COLD | 560P2 |
| | | 0.43 | 85 | P 5 | TWD | 27 | DBH | +1.57 | DBH | 08H | | | 152 | COLD | 560P2 |
| | | 0.38 | 114 | P 3 | TWD | 17 | DBH | +1.82 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.99 | 74 | P 3 | TWD | 32 | DBC | +1.45 | TEC | TEH | | | 16 | HOT | 600UL |
| 51 | 97 | 0.63 | 79 | P 5 | TWD | 35 | DBH | -1.74 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.83 | 82 | P 5 | TWD | 42 | DBC | -1.83 | 08C | DBC | | | 152 | COLD | 560P2 |
| | | 1.17 | 84 | P 3 | TWD | 35 | DBC | -1.72 | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.55 | 83 | P 3 | TWD | 22 | DBH | -2.25 | TEC | TEH | | | 15 | HOT | 600UL |
| 51 | 107 | 0.20 | 123 | P 1 | SCI | | TSH | +0.10 | TSH | TSH | 0.00 | 18.99 | 229 | HOT | 580PP |
| 51 | 121 | 0.40 | 105 | P 2 | TWD | 15 | 08H | +1.07 | TEH | TEC | | | 4 | COLD | 600UL |
| 51 | 169 | 0.28 | 123 | P 2 | TWD | 15 | VH3 | +0.75 | TEC | TEH | | | 36 | HOT | 600UL |
| 52 | 14 | 0.30 | 37 | P 2 | TWD | 13 | 03H | +1.13 | TEC | TEH | | | 18 | HOT | 600UL |
| 52 | 16 | 0.50 | 83 | P 2 | TWD | 24 | VH3 | -1.04 | TEC | TEH | | | 17 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | 18 | 0.69 | 154 | P 2 | TWD | 24 | VH3 | -1.04 | TEC | TEH | | | 22 | HOT | 600UL |
| 52 | 28 | 0.30 | 32 | P 3 | TWD | 12 | DBC | +2.01 | TEC | TEH | | | 27 | HOT | 600UL |
| 52 | 76 | 0.42 | 84 | P 3 | TWD | 17 | DBC | -1.49 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.38 | 82 | P 5 | TWD | 26 | DBC | -1.86 | 08C | DBC | | | 151 | COLD | 560P2 |
| 52 | 80 | 0.57 | 90 | P 3 | TWD | 22 | DBC | -1.85 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.42 | 81 | P 5 | TWD | 29 | DBC | -1.91 | DBC | DBC | | | 151 | COLD | 560P2 |
| 52 | 84 | 0.63 | 110 | P 3 | TWD | 24 | DBH | +1.29 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.32 | 101 | P 3 | TWD | 14 | DBH | -1.19 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.26 | 160 | P 3 | TWD | 11 | DBC | -1.78 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.44 | 119 | P 3 | TWD | 18 | DBC | +2.12 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.55 | 84 | P 5 | TWD | 34 | DBH | +1.69 | DBH | DBH | | | 151 | COLD | 560P2 |
| | | 0.21 | 93 | P 5 | TWD | 17 | DBH | -1.68 | DBH | DBH | | | 151 | COLD | 560P2 |
| | | 0.33 | 85 | P 5 | TWD | 24 | DBC | +1.82 | 08C | DBC | | | 151 | COLD | 560P2 |
| | | 0.24 | 88 | P 5 | TWD | 18 | DBC | -1.81 | 08C | DBC | | | 151 | COLD | 560P2 |
| 52 | 96 | 0.42 | 85 | P 5 | TWD | 27 | DBH | -1.88 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.28 | 161 | P 3 | TWD | 13 | DBH | -1.73 | TEC | TEH | | AAS | 16 | HOT | 600UL |
| 52 | 160 | 0.56 | 27 | P 2 | TWD | 23 | VH3 | -1.05 | TEC | TEH | | | 33 | HOT | 600UL |
| 53 | 77 | 0.38 | 89 | P 3 | TWD | 16 | DBC | -1.83 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.37 | 85 | P 5 | TWD | 26 | DBC | -1.81 | 08C | DBC | | | 151 | COLD | 560P2 |
| 53 | 81 | 0.21 | 112 | P 3 | TWD | 9 | DBC | -1.96 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.22 | 99 | P 5 | TWD | 18 | DBC | -1.90 | DBC | DBC | | | 151 | COLD | 560P2 |
| 53 | 83 | 0.69 | 129 | P 3 | TWD | 25 | DBH | +1.33 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 1.07 | 91 | P 3 | TWD | 33 | DBC | -1.66 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.64 | 81 | P 5 | TWD | 38 | DBH | +1.81 | DBH | DBH | | | 151 | COLD | 560P2 |
| | | 0.87 | 79 | P 5 | TWD | 44 | DBC | -1.80 | 08C | DBC | | | 151 | COLD | 560P2 |
| 53 | 95 | 0.28 | 85 | P 5 | TWD | 20 | DBH | +1.85 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.27 | 76 | P 3 | TWD | 13 | DBH | +1.75 | TEC | TEH | | | 15 | HOT | 600UL |
| 53 | 125 | 0.20 | 72 | P 1 | SCI | | TSH | +0.05 | TSH | TSH | 0.00 | 18.91 | 198 | HOT | 580PP |
| 54 | 8 | 0.24 | 84 | P 2 | TWD | 13 | 01C | +0.13 | TEC | TEH | | | 13 | HOT | 600UL |
| | | 0.26 | 102 | P 5 | TWD | 18 | 01C | +0.14 | 01C | 01C | | | 139 | COLD | 580PP |
| 54 | 12 | 0.39 | 67 | P 2 | TWD | 16 | VH3 | +0.72 | TEC | TEH | | | 18 | HOT | 600UL |
| 54 | 14 | 0.32 | 73 | P 2 | TWD | 17 | VSM | -0.90 | TEC | TEH | | | 17 | HOT | 600UL |
| 54 | 22 | 0.18 | 89 | P 3 | TWD | 10 | DBH | -1.06 | TEC | TEH | | | 25 | HOT | 600UL |
| 54 | 32 | 0.34 | 110 | P 2 | TWD | 16 | VH3 | -0.87 | TEC | TEH | | | 26 | HOT | 600UL |
| 54 | 66 | 0.31 | 69 | P 2 | TWD | 16 | VSM | -0.73 | TEH | TEC | | | 38 | COLD | 600UL |
| 54 | 78 | 0.18 | 95 | 2 | SAI | | TSH | +0.97 | TSH | TSH | 0.49 | 17.61 | 181 | HOT | 580PP |
| 54 | 94 | 0.72 | 80 | P 5 | TWD | 38 | DBH | -1.79 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.20 | 102 | P 5 | TWD | 15 | DBC | -1.84 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.79 | 118 | P 3 | TWD | 28 | DBH | -2.14 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.39 | 80 | P 3 | TWD | 18 | DBC | -1.99 | TEC | TEH | | AAS | 16 | HOT | 600UL |
| 54 | 146 | 0.30 | 141 | P 2 | TWD | 15 | VH3 | -0.81 | TEC | TEH | | | 24 | HOT | 600UL |
| 54 | 150 | 0.37 | 63 | P 2 | TWD | 17 | VH3 | -1.01 | TEC | TEH | | | 29 | HOT | 600UL |
| 55 | 11 | 0.35 | 123 | P 2 | TWD | 17 | VH3 | -0.81 | TEC | TEH | | | 13 | HOT | 600UL |
| 55 | 15 | 0.32 | 117 | P 2 | TWD | 14 | VH3 | -0.82 | TEC | TEH | | | 18 | HOT | 600UL |
| 55 | 21 | 0.31 | 144 | P 2 | TWD | 13 | VH3 | +0.85 | TEC | TEH | | | 22 | HOT | 600UL |
| 55 | 79 | 0.31 | 34 | P 3 | TWD | 15 | DBC | -1.80 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.25 | 88 | P 5 | TWD | 19 | DBC | -1.88 | DBC | DBC | | | 151 | COLD | 560P2 |
| 55 | 85 | 0.34 | 96 | P 3 | TWD | 15 | DBH | +1.38 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.55 | 83 | P 5 | TWD | 34 | DBH | +1.74 | DBH | DBH | | | 151 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55 | 91 | 0.35 | 100 | P 5 | TWD | 23 | DBC | +1.95 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.30 | 75 | P 3 | TWD | 13 | DBC | +1.93 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.32 | 117 | P 2 | TWD | 14 | 01H | -0.18 | TEC | TEH | | | 11 | HOT | 600UL |
| 55 | 97 | 0.21 | 69 | P 2 | TWD | 10 | 05H | +0.80 | TEC | TEH | | | 15 | HOT | 600UL |
| 55 | 151 | 0.36 | 31 | P 2 | TWD | 17 | VH3 | +0.74 | TEC | TEH | | | 29 | HOT | 600UL |
| 55 | 165 | 0.32 | 72 | P 2 | TWD | 16 | VH3 | -0.80 | TEC | TEH | | | 36 | HOT | 600UL |
| 56 | 8 | 0.34 | 70 | P 2 | TWD | 17 | VH3 | +0.76 | TEC | TEH | | | 13 | HOT | 600UL |
| 56 | 10 | 0.32 | 28 | P 2 | TWD | 16 | VH3 | -0.96 | TEC | TEH | | | 13 | HOT | 600UL |
| 56 | 12 | 0.38 | 137 | P 2 | TWD | 20 | VH3 | -0.81 | TEC | TEH | | | 17 | HOT | 600UL |
| 56 | 16 | 0.37 | 145 | P 2 | TWD | 20 | VH3 | -0.96 | TEC | TEH | | | 17 | HOT | 600UL |
| 56 | 18 | 0.28 | 130 | P 2 | TWD | 12 | VH3 | +0.73 | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.44 | 101 | P 2 | TWD | 18 | VH3 | -0.84 | TEC | TEH | | | 22 | HOT | 600UL |
| 56 | 22 | 0.40 | 90 | P 2 | TWD | 19 | VH3 | -0.91 | TEC | TEH | | | 25 | HOT | 600UL |
| 56 | 28 | 0.48 | 101 | P 2 | TWD | 18 | VH3 | -0.92 | TEC | TEH | | | 27 | HOT | 600UL |
| 56 | 30 | 0.37 | 114 | P 2 | TWD | 14 | VH3 | -0.92 | TEC | TEH | | | 27 | HOT | 600UL |
| 56 | 34 | 0.32 | 73 | P 2 | TWD | 15 | VH3 | -0.86 | TEC | TEH | | | 30 | HOT | 600UL |
| | | 0.22 | 20 | P 2 | TWD | 11 | VH3 | +0.76 | TEC | TEH | | | 30 | HOT | 600UL |
| | | 0.31 | 51 | P 2 | TWD | 15 | VC3 | +0.82 | TEC | TEH | | | 30 | HOT | 600UL |
| 56 | 38 | 0.27 | 20 | P 1 | SCI | | TSH | -0.14 | TSH | TSH | 0.00 | 17.80 | 227 | HOT | 580PP |
| 56 | 64 | 0.32 | 102 | P 2 | TWD | 16 | VH3 | -0.82 | TEH | TEC | | | 38 | COLD | 600UL |
| 56 | 82 | 1.08 | 88 | P 2 | TWD | 34 | VH3 | -1.01 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.62 | 98 | P 2 | TWD | 25 | VH3 | +0.96 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.36 | 83 | P 5 | TWD | 25 | VH3 | +0.85 | VH3 | VH3 | | | 151 | COLD | 560P2 |
| | | 0.44 | 85 | P 5 | TWD | 30 | VH3 | -0.92 | VH3 | VH3 | | | 151 | COLD | 560P2 |
| 56 | 84 | 0.58 | 118 | P 3 | TWD | 22 | DBH | +1.57 | STH | TEC | | | 66 | COLD | 600UL |
| | | 0.58 | 146 | P 3 | TWD | 22 | DBC | -1.80 | STH | TEC | | | 66 | COLD | 600UL |
| | | 0.52 | 85 | P 5 | TWD | 33 | DBH | +1.82 | DBH | DBH | | | 151 | COLD | 560P2 |
| | | 0.83 | 77 | P 5 | TWD | 43 | DBC | -1.62 | DBC | DBC | | | 151 | COLD | 560P2 |
| 56 | 92 | 0.34 | 144 | P 3 | TWD | 16 | DBC | +1.91 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.21 | 77 | P 3 | TWD | 10 | DBC | -1.56 | TEC | TEH | | AAS | 12 | HOT | 600UL |
| | | 0.44 | 94 | P 5 | TWD | 28 | DBC | +1.54 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.28 | 98 | P 5 | TWD | 20 | DBC | -1.64 | DBC | DBC | | | 152 | COLD | 560P2 |
| 56 | 94 | 0.67 | 87 | P 5 | TWD | 37 | DBH | -1.85 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.66 | 76 | P 3 | TWD | 25 | DBH | -1.75 | TEC | TEH | | | 15 | HOT | 600UL |
| 56 | 104 | 0.24 | 166 | P 3 | TWD | 13 | DBC | -0.96 | TEH | TEC | | | 8 | COLD | 600UL |
| | | 0.10 | 142 | P 3 | TWD | 6 | DBH | -0.15 | TEH | TEC | | | 8 | COLD | 600UL |
| 56 | 108 | 0.28 | 34 | P 2 | TWD | 14 | VSM | +0.81 | TEH | TEC | | | 8 | COLD | 600UL |
| 56 | 146 | 0.52 | 76 | P 2 | TWD | 22 | VH3 | -0.90 | TEC | TEH | | | 23 | HOT | 600UL |
| 56 | 148 | 0.35 | 123 | P 2 | TWD | 17 | VH3 | -1.14 | TEC | TEH | | | 29 | HOT | 600UL |
| 56 | 152 | 0.27 | 49 | P 3 | TWD | 14 | DBH | +0.58 | TEC | TEH | | | 28 | HOT | 600UL |
| 56 | 154 | 0.28 | 66 | P 2 | TWD | 15 | 03H | +0.82 | TEC | TEH | | | 28 | HOT | 600UL |
| 56 | 158 | 0.41 | 41 | P 2 | TWD | 16 | VH3 | -0.71 | TEH | TEC | | | 61 | COLD | 600UL |
| 56 | 162 | 0.42 | 72 | P 2 | TWD | 20 | VH3 | -0.96 | TEC | TEH | | | 36 | HOT | 600UL |
| 56 | 164 | 0.31 | 84 | P 2 | TWD | 15 | VH3 | -0.79 | TEC | TEH | | | 37 | HOT | 600UL |
| 57 | 15 | 0.35 | 103 | P 2 | TWD | 19 | VH3 | -0.90 | TEC | TEH | | | 17 | HOT | 600UL |
| 57 | 79 | 0.58 | 86 | P 3 | TWD | 22 | DBC | -1.94 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.64 | 78 | P 5 | TWD | 37 | DBC | -1.61 | DBC | DBC | | | 151 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57 | 81 | 0.54 | 122 | P 3 | TWD 21 | DBC | -1.87 | STH | TEC | | | 66 | COLD | 600UL |
| | | 0.51 | 83 | P 5 | TWD 33 | DBC | -2.03 | DBC | DBC | | | 151 | COLD | 560P2 |
| 57 | 83 | 1.10 | 78 | P 3 | TWD 33 | DBC | -1.89 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.96 | 78 | P 5 | TWD 47 | DBC | -1.61 | DBC | DBC | | | 151 | COLD | 560P2 |
| 57 | 103 | 0.63 | 18 | P 1 | MCI | TSH | -0.10 | TSH | TSH | 0.30 | 18.20 | 233 | HOT | 580PP |
| 57 | 159 | 0.45 | 77 | P 2 | TWD 18 | VH3 | +0.83 | TEH | TEC | | | 61 | COLD | 600UL |
| 58 | 16 | 0.45 | 56 | P 2 | TWD 18 | VH3 | -0.94 | TEC | TEH | | | 18 | HOT | 600UL |
| 58 | 24 | 0.51 | 93 | P 2 | TWD 20 | VH3 | -0.89 | TEC | TEH | | | 22 | HOT | 600UL |
| 58 | 80 | 0.22 | 99 | P 2 | TWD 11 | VC3 | +0.83 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.15 | 152 | P 2 | TWD 8 | VC3 | -0.85 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.20 | 60 | P 2 | TWD 10 | VH3 | +0.91 | TEC | TEH | | | 11 | HOT | 600UL |
| 58 | 82 | 0.42 | 135 | P 3 | TWD 18 | DBH | +1.47 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.38 | 90 | P 5 | TWD 27 | DBH | +1.71 | DBH | DBH | | | 151 | COLD | 560P2 |
| 58 | 86 | 0.68 | 119 | P 3 | TWD 25 | DBC | +1.29 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.60 | 83 | P 5 | TWD 36 | DBC | +1.63 | DBC | DBC | | | 151 | COLD | 560P2 |
| 58 | 90 | 0.53 | 114 | P 3 | TWD 22 | DBC | +1.82 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 1.08 | 94 | P 3 | TWD 33 | DBH | -2.15 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.79 | 83 | P 5 | TWD 40 | DBH | -1.85 | DBH | DBH | APN | | 152 | COLD | 560P2 |
| | | 0.39 | 88 | P 5 | TWD 26 | DBC | +1.91 | DBC | DBC | | | 152 | COLD | 560P2 |
| 58 | 92 | 0.25 | 94 | P 5 | TWD 18 | DBH | +1.98 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.28 | 73 | P 3 | TWD 13 | DBH | +1.12 | TEC | TEH | | | 11 | HOT | 600UL |
| 58 | 94 | 0.33 | 90 | P 5 | TWD 22 | DBC | -1.70 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.35 | 41 | P 3 | TWD 16 | DBC | -1.67 | TEC | TEH | | AAS | 16 | HOT | 600UL |
| 58 | 96 | 0.28 | 88 | P 5 | TWD 20 | DBH | -1.69 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.26 | 50 | P 3 | TWD 12 | DBH | -2.09 | TEC | TEH | | | 15 | HOT | 600UL |
| 58 | 116 | 0.27 | 95 | P 2 | TWD 12 | 08C | -0.19 | TEH | TEC | | | 6 | COLD | 600UL |
| | | 0.18 | 120 | 2 | SAI | 08C | -0.15 | 08C | 08C | | | 136 | COLD | 580PP |
| 58 | 146 | 0.51 | 46 | P 2 | TWD 21 | 08H | -0.95 | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.45 | 70 | P 2 | TWD 20 | VH3 | -0.95 | TEC | TEH | | | 24 | HOT | 600UL |
| 58 | 154 | 0.36 | 131 | P 2 | TWD 17 | VH3 | -0.93 | TEC | TEH | | | 29 | HOT | 600UL |
| 59 | 23 | 0.44 | 61 | P 2 | TWD 20 | VH3 | -1.11 | TEC | TEH | | | 25 | HOT | 600UL |
| 59 | 25 | 0.43 | 90 | P 2 | TWD 20 | VH3 | -0.93 | TEC | TEH | | | 25 | HOT | 600UL |
| 59 | 77 | 0.37 | 44 | P 2 | TWD 16 | 04H | +0.91 | TEC | TEH | | | 11 | HOT | 600UL |
| 59 | 95 | 0.45 | 84 | P 5 | TWD 28 | DBH | -1.83 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.19 | 67 | P 3 | TWD 9 | DBC | +0.85 | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.34 | 128 | P 3 | TWD 15 | DBH | -2.04 | TEC | TEH | | | 15 | HOT | 600UL |
| 59 | 143 | 0.30 | 143 | P 2 | TWD 15 | VH3 | -0.71 | TEC | TEH | | | 24 | HOT | 600UL |
| 59 | 147 | 0.41 | 73 | P 2 | TWD 19 | VH3 | +0.89 | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.35 | 115 | P 2 | TWD 17 | VH3 | -0.91 | TEC | TEH | | | 24 | HOT | 600UL |
| 59 | 153 | 0.38 | 122 | P 2 | TWD 18 | VH3 | +0.92 | TEC | TEH | | | 29 | HOT | 600UL |
| 59 | 157 | 0.24 | 132 | P 2 | TWD 12 | VH3 | +1.01 | TEC | TEH | | | 33 | HOT | 600UL |
| | | 0.24 | 110 | P 2 | TWD 12 | VH3 | -0.93 | TEC | TEH | | | 33 | HOT | 600UL |
| 59 | 159 | 0.39 | 33 | P 2 | TWD 18 | VH3 | -1.20 | TEC | TEH | | | 33 | HOT | 600UL |
| | | 0.32 | 51 | P 2 | TWD 15 | VH3 | +0.40 | TEC | TEH | | | 33 | HOT | 600UL |
| 60 | 24 | 0.37 | 48 | P 2 | TWD 18 | VH3 | -0.91 | TEC | TEH | | | 25 | HOT | 600UL |
| 60 | 30 | 0.48 | 65 | P 2 | TWD 18 | VH3 | -1.03 | TEC | TEH | | | 27 | HOT | 600UL |
| 60 | 88 | 0.55 | 85 | P 5 | TWD 32 | DBH | +1.78 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.55 | 143 | P 3 | TWD 21 | DBH | +2.25 | TEC | TEH | | | 11 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | 94 | 0.34 | 83 | P 5 | TWD | 23 | DBH +1.77 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.55 | 83 | P 5 | TWD | 33 | DBC -1.79 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.41 | 143 | P 3 | TWD | 18 | DBC -1.75 | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.49 | 160 | P 3 | TWD | 20 | DBH +1.75 | TEC | TEH | | | 15 | HOT | 600UL |
| 60 | 118 | 0.28 | 33 | P 3 | TWD | 12 | DBC +1.50 | TEH | TEC | | | 3 | COLD | 600UL |
| 60 | 146 | 0.39 | 90 | P 2 | TWD | 18 | VH3 -1.06 | TEC | TEH | | | 23 | HOT | 600UL |
| 61 | 19 | 0.32 | 92 | P 2 | TWD | 14 | VH3 +0.87 | TEC | TEH | | | 22 | HOT | 600UL |
| 61 | 35 | 0.24 | 136 | P 2 | TWD | 12 | VC3 +0.80 | TEC | TEH | | | 30 | HOT | 600UL |
| 61 | 89 | 0.36 | 77 | P 5 | TWD | 24 | DBC -1.59 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.34 | 42 | P 3 | TWD | 15 | DBC -1.67 | TEC | TEH | | | 11 | HOT | 600UL |
| 61 | 103 | 0.25 | 13 | P 3 | TWD | 14 | DBH +1.94 | TEH | TEC | | | 7 | COLD | 600UL |
| 61 | 153 | 0.39 | 111 | P 3 | TWD | 19 | DBH +1.35 | TEC | TEH | | | 28 | HOT | 600UL |
| 62 | 18 | 0.24 | 98 | P 3 | TWD | 12 | DBC +1.85 | TEH | TEC | | | 69 | COLD | 600UL |
| 62 | 40 | 0.36 | 36 | P 3 | TWD | 15 | DBC +1.87 | TEC | TEH | | | 31 | HOT | 600UL |
| 62 | 52 | 0.14 | 89 | 2 | MAI | | 01H +15.15 TO+17.08 | 01H | 01H | 0.21 | | 344 | HOT | 520ET |
| 62 | 76 | 0.12 | 110 | 2 | SAI | | TSH +0.59 | TSH | TSH | 0.92 | 18.08 | 182 | HOT | 580PP |
| | | 0.10 | 115 | 2 | SAI | | 02H +6.19 | 02H | 02H | 0.16 | | 182 | HOT | 580PP |
| 62 | 84 | 0.58 | 79 | P 3 | TWD | 24 | DBH -1.97 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.56 | 104 | P 3 | TWD | 23 | DBC -1.82 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.66 | 83 | P 5 | TWD | 38 | DBH -1.68 | DBH | DBH | | | 151 | COLD | 560P2 |
| | | 0.44 | 83 | P 5 | TWD | 30 | DBC -1.67 | DBC | DBC | | | 151 | COLD | 560P2 |
| 62 | 94 | 0.66 | 86 | P 5 | TWD | 36 | DBC +1.86 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.75 | 119 | P 3 | TWD | 27 | DBC +1.56 | TEC | TEH | | AAS | 16 | HOT | 600UL |
| 62 | 100 | 0.12 | 77 | P 1 | SCI | | TSH +0.07 | TSH | TSH | 0.00 | 17.51 | 189 | HOT | 580PP |
| 63 | 21 | 0.33 | 123 | P 2 | TWD | 14 | VC3 -0.79 | TEC | TEH | | | 22 | HOT | 600UL |
| 63 | 79 | 0.68 | 47 | P 3 | TWD | 25 | DBC -1.77 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.59 | 81 | P 5 | TWD | 36 | DBC -1.76 | DBC | DBC | | | 151 | COLD | 560P2 |
| 63 | 83 | 0.74 | 120 | P 3 | TWD | 26 | DBC -1.96 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.82 | 78 | P 5 | TWD | 43 | DBC -1.78 | DBC | DBC | | | 151 | COLD | 560P2 |
| 63 | 87 | 0.64 | 83 | P 5 | TWD | 36 | DBH -1.77 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.68 | 133 | P 3 | TWD | 24 | DBH -1.84 | STH | TEC | | | 66 | COLD | 600UL |
| 63 | 145 | 0.49 | 93 | P 2 | TWD | 22 | VH3 +0.75 | TEC | TEH | | | 23 | HOT | 600UL |
| 63 | 159 | 0.35 | 90 | P 2 | TWD | 17 | VH3 -1.13 | TEC | TEH | | | 33 | HOT | 600UL |
| | | 0.29 | 136 | P 2 | TWD | 14 | VH3 +0.82 | TEC | TEH | | | 33 | HOT | 600UL |
| 64 | 10 | 0.44 | 103 | P 2 | TWD | 20 | 03C -0.97 | TEC | TEH | | | 13 | HOT | 600UL |
| | | 0.46 | 104 | P 5 | TWD | 27 | 03C -0.99 | 03C | 03C | | | 139 | COLD | 580PP |
| 64 | 12 | 0.50 | 101 | P 2 | TWD | 24 | VH3 +0.74 | TEC | TEH | | | 17 | HOT | 600UL |
| 64 | 16 | 0.23 | 156 | P 2 | TWD | 13 | VH3 -0.88 | TEC | TEH | | | 17 | HOT | 600UL |
| 64 | 18 | 0.49 | 81 | P 2 | TWD | 19 | VH3 +0.73 | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.35 | 133 | P 2 | TWD | 15 | VH3 -0.96 | TEC | TEH | | | 22 | HOT | 600UL |
| 64 | 20 | 0.59 | 143 | P 2 | TWD | 22 | VH3 +0.02 | TEC | TEH | | | 22 | HOT | 600UL |
| 64 | 66 | 0.12 | 75 | 2 | SAI | | TSH +1.53 | TSH | TSH | 0.10 | 18.02 | 173 | HOT | 580PP |
| 64 | 82 | 0.53 | 100 | P 3 | TWD | 22 | DBC +1.89 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.44 | 84 | P 5 | TWD | 30 | DBC +1.46 | DBC | DBC | | | 151 | COLD | 560P2 |
| 64 | 84 | 0.30 | 66 | P 3 | TWD | 13 | DBH +1.54 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.29 | 85 | P 5 | TWD | 22 | DBH +1.89 | DBH | DBH | | | 151 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 86 | 0.31 | 139 | P 3 | TWD | 13 | DBH -1.81 | | STH | TEC | | | 66 | COLD | 600UL |
| | | 0.37 | 84 | P 5 | TWD | 26 | DBH -1.68 | | VH3 | DBH | | | 151 | COLD | 560P2 |
| 64 | 88 | 0.13 | 122 | P 1 | SCI | | TSH +0.09 | | TSH | TSH | 0.00 | 18.43 | 182 | HOT | 580PP |
| 64 | 92 | 0.21 | 82 | P 5 | TWD | 15 | DBH -1.89 | | VH3 | DBH | | | 152 | COLD | 560P2 |
| | | 0.20 | 99 | P 3 | TWD | 8 | DBH -1.98 | | STH | TEC | | | 66 | COLD | 600UL |
| 64 | 94 | 0.32 | 92 | P 5 | TWD | 22 | DBC -1.85 | | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.29 | 77 | P 3 | TWD | 13 | DBC -1.39 | | TEC | TEH | | | 15 | HOT | 600UL |
| 65 | 13 | 0.37 | 127 | P 2 | TWD | 20 | VH3 -0.88 | | TEC | TEH | | | 17 | HOT | 600UL |
| 65 | 15 | 0.38 | 61 | P 2 | TWD | 20 | VSM -0.74 | | TEC | TEH | | | 17 | HOT | 600UL |
| | | 0.37 | 132 | P 2 | TWD | 19 | VH3 +0.80 | | TEC | TEH | | | 17 | HOT | 600UL |
| | | 0.37 | 133 | P 2 | TWD | 19 | VH3 -0.84 | | TEC | TEH | | | 17 | HOT | 600UL |
| 65 | 47 | 0.31 | 93 | 2 | SAI | | 04H +1.06 | | 04H | 04H | 0.0 | | 265 | HOT | 580PP |
| 65 | 89 | 0.67 | 85 | P 5 | TWD | 37 | DBH +1.68 | | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.80 | 150 | P 3 | TWD | 27 | DBH +1.78 | | TEC | TEH | | | 11 | HOT | 600UL |
| 65 | 151 | 0.53 | 14 | 2 | SAI | | TSH -18.48 | | TSH | TSH | 0.46 | 19.29 | 183 | HOT | 580PP |
| 65 | 155 | 0.27 | 29 | P 2 | TWD | 14 | VH3 -0.74 | | TEC | TEH | | | 28 | HOT | 600UL |
| 66 | 80 | 0.27 | 76 | P 3 | TWD | 12 | DBC +2.02 | | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.25 | 86 | P 5 | TWD | 19 | DBC +2.07 | | DBC | DBC | | | 151 | COLD | 560P2 |
| 66 | 84 | 0.32 | 45 | P 3 | TWD | 15 | DBH -2.02 | | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.33 | 73 | P 5 | TWD | 24 | DBH -1.70 | | DBH | DBH | | | 151 | COLD | 560P2 |
| 66 | 88 | 0.38 | 90 | P 5 | TWD | 25 | DBC +1.80 | | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.45 | 93 | P 3 | TWD | 19 | DBC +1.92 | | TEC | TEH | | | 11 | HOT | 600UL |
| 66 | 94 | 0.36 | 78 | P 5 | TWD | 24 | DBC +1.16 | | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.21 | 96 | P 5 | TWD | 15 | DBC -1.85 | | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.36 | 62 | P 3 | TWD | 16 | DBC +2.03 | | TEC | TEH | | | 15 | HOT | 600UL |
| | | 0.15 | 81 | P 3 | TWD | 8 | DBC -1.75 | | TEC | TEH | | | 15 | HOT | 600UL |
| 66 | 138 | 0.33 | 99 | P 2 | TWD | 16 | 08C -0.70 | | TEC | TEH | | | 20 | HOT | 600UL |
| | | 0.26 | 106 | P 5 | TWD | 18 | 08C -0.91 | | 08C | 08C | | | 138 | COLD | 580PP |
| 66 | 144 | 0.75 | 117 | P 2 | TWD | 27 | 04C -0.98 | | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.91 | 73 | P 2 | TWD | 31 | 06C -0.98 | | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.54 | 92 | P 2 | TWD | 22 | VSM -0.95 | | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.41 | 71 | P 2 | TWD | 17 | VH3 -0.97 | | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.31 | 67 | P 2 | TWD | 15 | 05C +0.98 | | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.23 | 91 | P 5 | TWD | 19 | VSM -0.92 | | VSM | VSM | | | 149 | COLD | 560P2 |
| | | 0.20 | 83 | P 5 | TWD | 18 | VH3 -0.89 | | VH3 | VH3 | | | 149 | COLD | 560P2 |
| | | 0.23 | 98 | P 5 | TWD | 17 | 05C +0.97 | | 05C | 05C | | | 138 | COLD | 580PP |
| | | 0.84 | 76 | P 5 | TWD | 31 | 04C -0.90 | | 04C | 04C | | | 138 | COLD | 580PP |
| | | 0.96 | 76 | P 5 | TWD | 34 | 06C -0.92 | | 06C | 06C | | | 138 | COLD | 580PP |
| 66 | 152 | 0.37 | 102 | P 2 | TWD | 17 | VH3 -1.24 | | TEC | TEH | | | 29 | HOT | 600UL |
| 66 | 156 | 0.47 | 120 | P 2 | TWD | 21 | VH3 -0.86 | | TEC | TEH | | | 29 | HOT | 600UL |
| 67 | 19 | 0.14 | 105 | 2 | SAI | | 05H +3.08 | TO+5.04 | 05H | 05H | 0.24 | | 211 | HOT | 580PP |
| | | 0.12 | 98 | 2 | SAI | | 05H +1.23 | | 05H | 05H | 0.18 | | 211 | HOT | 580PP |
| 67 | 71 | 0.13 | 104 | 2 | SAI | | TSH +2.28 | | TSH | TSH | 0.07 | 17.68 | 173 | HOT | 580PP |
| 67 | 83 | 0.56 | 66 | P 3 | TWD | 22 | DBC -1.98 | | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.30 | 59 | P 3 | TWD | 13 | DBH -1.60 | | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.54 | 79 | P 5 | TWD | 34 | DBC -1.87 | | DBC | DBC | | | 151 | COLD | 560P2 |
| | | 0.26 | 82 | P 5 | TWD | 20 | DBH -1.76 | | DBH | DBH | | | 151 | COLD | 560P2 |
| 68 | 12 | 0.33 | 127 | P 2 | TWD | 18 | VH3 -0.89 | | TEC | TEH | | | 17 | HOT | 600UL |
| 68 | 20 | 0.40 | 111 | 2 | SAI | | 06H +0.64 | | 06H | 06H | 0.26 | | 211 | HOT | 580PP |
| | | 0.45 | 143 | P 2 | TWD | 20 | VH3 +0.89 | | TEC | TEH | | | 25 | HOT | 600UL |
| | | 0.50 | 132 | P 2 | TWD | 22 | VH3 -0.87 | | TEC | TEH | | | 25 | HOT | 600UL |
| 68 | 22 | 0.21 | 99 | 2 | SAI | | 06H +0.90 | | 06H | 06H | 0.0 | | 215 | HOT | 580PP |
| | | 0.53 | 64 | P 2 | TWD | 20 | VH3 +0.80 | | TEC | TEH | | | 22 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.65 | 65 | P 2 | TWD | 23 | VH3 | -0.78 | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.50 | 59 | P 2 | TWD | 19 | 06H | +0.90 | TEC | TEH | | | 22 | HOT | 600UL |
| 68 | 78 | 0.18 | 80 | P 2 | TWD | 9 | VC3 | +0.77 | TEC | TEH | | | 11 | HOT | 600UL |
| 68 | 84 | 0.13 | 99 | 2 | SAI | | TSH | +2.10 | TSH | TSH | 0.14 | 18.37 | 252 | HOT | 580PP |
| | | 0.22 | 81 | P 2 | TWD | 11 | VSM | -0.87 | TEC | TEH | | | 11 | HOT | 600UL |
| 68 | 90 | 0.66 | 77 | P 5 | TWD | 36 | DBC | -1.74 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.30 | 89 | P 5 | TWD | 21 | DBH | -1.58 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.28 | 71 | P 3 | TWD | 13 | DBH | -0.59 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.55 | 98 | P 3 | TWD | 22 | DBC | -1.97 | TEC | TEH | | | 11 | HOT | 600UL |
| 68 | 128 | 0.31 | 45 | P 2 | TWD | 13 | VH3 | -0.79 | TEH | TEC | | | 2 | COLD | 600UL |
| 68 | 146 | 0.31 | 136 | P 2 | TWD | 15 | VSM | +0.61 | TEC | TEH | | | 23 | HOT | 600UL |
| 69 | 13 | 0.36 | 135 | P 2 | TWD | 19 | VH3 | +0.80 | TEC | TEH | | | 17 | HOT | 600UL |
| 69 | 15 | 0.50 | 150 | P 2 | TWD | 24 | VH3 | +0.86 | TEC | TEH | | | 17 | HOT | 600UL |
| | | 0.41 | 145 | P 2 | TWD | 21 | VH3 | -0.80 | TEC | TEH | | | 17 | HOT | 600UL |
| 69 | 19 | 0.45 | 109 | P 2 | TWD | 18 | VH3 | -0.73 | TEC | TEH | | | 22 | HOT | 600UL |
| 69 | 163 | 0.30 | 128 | P 2 | TWD | 13 | 02C | +0.91 | TEC | TEH | | | 37 | HOT | 600UL |
| | | 0.29 | 92 | P 5 | TWD | 20 | 02C | +0.92 | 02C | 02C | | | 138 | COLD | 580PP |
| 70 | 14 | 0.47 | 149 | P 2 | TWD | 23 | VH3 | -0.78 | TEC | TEH | | | 17 | HOT | 600UL |
| 70 | 24 | 0.24 | 29 | P 3 | TWD | 11 | DBC | -1.11 | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.29 | 54 | P 3 | TWD | 13 | DBC | +1.46 | TEC | TEH | | | 22 | HOT | 600UL |
| | | 0.15 | 80 | P 5 | TWD | 11 | DBC | -1.31 | DBC | DBC | | | 157 | COLD | 560P2 |
| | | 0.19 | 67 | P 5 | TWD | 14 | DBC | +1.51 | DBC | DBC | | | 157 | COLD | 560P2 |
| 70 | 38 | 0.35 | 97 | P 2 | TWD | 17 | VC3 | +0.69 | TEC | TEH | | | 30 | HOT | 600UL |
| 70 | 52 | 0.38 | 121 | P 3 | TWD | 14 | DBC | +1.75 | TEH | TEC | | | 43 | COLD | 600UL |
| | | 0.18 | 98 | P 5 | TWD | 14 | DBC | +1.67 | DBC | DBC | | | 154 | COLD | 560P2 |
| 70 | 90 | 0.28 | 153 | P 3 | TWD | 14 | DBH | -2.00 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.23 | 99 | P 5 | TWD | 17 | DBH | -1.94 | DBH | DBH | | | 152 | COLD | 560P2 |
| 70 | 94 | 0.26 | 94 | P 5 | TWD | 18 | DBC | -1.90 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.31 | 81 | P 3 | TWD | 13 | DBC | -1.85 | TEC | TEH | | | 15 | HOT | 600UL |
| 70 | 112 | 0.49 | 132 | P 2 | TWD | 19 | 03C | -0.06 | TEH | TEC | | | 6 | COLD | 600UL |
| 70 | 144 | 0.42 | 87 | P 2 | TWD | 18 | VC3 | -0.85 | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.32 | 24 | P 2 | TWD | 13 | VSM | -0.93 | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.14 | 87 | P 5 | TWD | 13 | VSM | -0.85 | VSM | VSM | | | 149 | COLD | 560P2 |
| | | 0.35 | 98 | P 5 | TWD | 17 | VC3 | -0.77 | VC3 | VC3 | | | 165 | COLD | 560P2 |
| 70 | 152 | 0.28 | 112 | P 2 | TWD | 14 | VH3 | -0.97 | TEC | TEH | | | 29 | HOT | 600UL |
| 71 | 71 | 2.77 | 34 | 2 | SAI | | TSH | -11.36 | TSH | TSH | 3.66 | 17.32 | 173 | HOT | 580PP |
| 71 | 79 | 0.45 | 83 | P 3 | TWD | 19 | DBC | -1.76 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.42 | 84 | P 5 | TWD | 28 | DBC | -1.84 | DBC | DBC | | | 151 | COLD | 560P2 |
| 71 | 91 | 0.31 | 88 | P 5 | TWD | 21 | DBC | -1.40 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.31 | 151 | P 3 | TWD | 14 | DBC | -1.59 | TEC | TEH | | | 11 | HOT | 600UL |
| 71 | 93 | 0.19 | 95 | P 5 | TWD | 14 | DBC | -1.97 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.22 | 127 | P 3 | TWD | 11 | DBC | -1.91 | TEC | TEH | | | 16 | HOT | 600UL |
| 71 | 103 | 0.32 | 73 | P 3 | TWD | 16 | DBH | -0.27 | TEH | TEC | | | 7 | COLD | 600UL |
| 71 | 113 | 0.21 | 88 | 2 | SAI | | 02H | -16.98 | 02H | 02H | 0.18 | | 225 | HOT | 580PP |
| 71 | 143 | 0.34 | 115 | P 2 | TWD | 14 | VSM | +0.50 | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.40 | 119 | P 2 | TWD | 17 | VH3 | -0.91 | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.23 | 82 | P 2 | TWD | 12 | 04C | -0.20 | TEC | TEH | | | 24 | HOT | 600UL |
| | | 0.27 | 153 | P 2 | TWD | 11 | VC3 | -0.83 | TEC | TEH | | AAS | 24 | HOT | 600UL |
| | | 0.25 | 84 | P 5 | TWD | 21 | VSM | +0.46 | VSM | VSM | | | 149 | COLD | 560P2 |
| | | 0.25 | 95 | P 5 | TWD | 20 | VH3 | -0.92 | VH3 | VH3 | | | 149 | COLD | 560P2 |
| | | 0.16 | 91 | P 5 | TWD | 15 | VC3 | -0.88 | VC3 | VC3 | | | 149 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.18 | 117 | P 5 | TWD | 14 | 04C | -0.11 | 04C | 04C | | | 138 | COLD | 580PP |
| 71 | 147 | 0.44 | 97 | P 2 | TWD | 20 | VC3 | -1.09 | TEC | TEH | | | 29 | HOT | 600UL |
| | | 0.69 | 103 | P 2 | TWD | 27 | VH3 | -0.85 | TEC | TEH | | | 29 | HOT | 600UL |
| | | 0.28 | 91 | P 5 | TWD | 23 | VC3 | -0.97 | VC3 | VC3 | | | 149 | COLD | 560P2 |
| | | 0.31 | 88 | P 5 | TWD | 24 | VH3 | -0.93 | VH3 | VH3 | | | 149 | COLD | 560P2 |
| 71 | 155 | 0.47 | 58 | P 2 | TWD | 21 | VH3 | +0.58 | TEC | TEH | | | 29 | HOT | 600UL |
| | | 0.39 | 72 | P 2 | TWD | 18 | VH3 | -0.78 | TEC | TEH | | | 29 | HOT | 600UL |
| 71 | 157 | 0.38 | 84 | P 2 | TWD | 18 | VH3 | +0.84 | TEC | TEH | | | 33 | HOT | 600UL |
| 71 | 161 | 0.32 | 138 | P 2 | TWD | 14 | VH3 | -0.78 | TEC | TEH | | | 37 | HOT | 600UL |
| 71 | 163 | 0.48 | 98 | P 2 | TWD | 22 | VH3 | -0.85 | TEC | TEH | | | 36 | HOT | 600UL |
| 72 | 16 | 0.37 | 91 | P 2 | TWD | 20 | VH3 | -0.79 | TEC | TEH | | | 17 | HOT | 600UL |
| 72 | 26 | 0.52 | 113 | P 2 | TWD | 19 | VC3 | +0.80 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.31 | 86 | P 5 | TWD | 21 | VC3 | +0.72 | VC3 | VC3 | | | 157 | COLD | 560P2 |
| 72 | 28 | 0.23 | 152 | P 3 | TWD | 10 | DBC | +0.47 | TEC | TEH | | | 27 | HOT | 600UL |
| 72 | 36 | 0.48 | 40 | P 3 | TWD | 19 | DBC | +2.01 | TEC | TEH | | | 31 | HOT | 600UL |
| | | 0.21 | 91 | P 5 | TWD | 15 | DBC | +1.90 | DBC | DBC | | | 157 | COLD | 560P2 |
| 72 | 38 | 0.34 | 20 | P 3 | TWD | 14 | DBC | +1.72 | TEC | TEH | | | 31 | HOT | 600UL |
| | | 0.25 | 97 | P 5 | TWD | 17 | DBC | +1.18 | DBC | DBC | | | 157 | COLD | 560P2 |
| 72 | 78 | 0.22 | 140 | P 2 | TWD | 11 | VC3 | +0.94 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.28 | 104 | P 2 | TWD | 13 | VH3 | +0.84 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.54 | 85 | P 2 | TWD | 22 | VH3 | -0.84 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.24 | 83 | P 5 | TWD | 19 | VH3 | -0.88 | VH3 | VH3 | | | 151 | COLD | 560P2 |
| | | 0.18 | 85 | P 5 | TWD | 15 | VH3 | +0.81 | VH3 | VH3 | | | 151 | COLD | 560P2 |
| | | 0.16 | 77 | P 5 | TWD | 13 | VC3 | +0.82 | VC3 | VC3 | | | 151 | COLD | 560P2 |
| 72 | 80 | 0.39 | 147 | P 2 | TWD | 17 | VC3 | +0.87 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.23 | 96 | P 5 | TWD | 18 | VC3 | +0.79 | VC3 | VC3 | | | 151 | COLD | 560P2 |
| 72 | 84 | 0.27 | 91 | P 2 | TWD | 12 | VH3 | -0.85 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.34 | 107 | P 3 | TWD | 15 | DBC | -1.82 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.20 | 70 | P 5 | TWD | 16 | VH3 | -0.89 | VH3 | VH3 | | | 151 | COLD | 560P2 |
| | | 0.37 | 89 | P 5 | TWD | 26 | DBC | -2.16 | DBC | DBC | | | 151 | COLD | 560P2 |
| 72 | 86 | 0.26 | 33 | P 2 | TWD | 12 | VSM | -0.91 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.39 | 97 | P 3 | TWD | 16 | DBH | +0.46 | TEC | TEH | | | 11 | HOT | 600UL |
| 72 | 90 | 0.28 | 82 | P 5 | TWD | 20 | DBC | -1.59 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.34 | 101 | P 3 | TWD | 15 | DBC | -1.65 | TEC | TEH | | | 11 | HOT | 600UL |
| 72 | 114 | 0.27 | 75 | P 2 | TWD | 12 | VC3 | +0.89 | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.38 | 152 | P 3 | TWD | 14 | DBC | +1.92 | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.16 | 92 | P 5 | TWD | 13 | VC3 | +0.78 | VC3 | VC3 | | | 146 | COLD | 560P2 |
| 72 | 126 | 0.46 | 85 | P 2 | TWD | 19 | VSM | -0.80 | TEH | TEC | | | 3 | COLD | 600UL |
| | | 0.38 | 116 | P 2 | TWD | 17 | VH3 | -0.16 | TEH | TEC | | | 3 | COLD | 600UL |
| | | 0.23 | 87 | P 5 | TWD | 16 | VSM | -0.59 | VSM | VSM | | | 146 | COLD | 560P2 |
| | | 0.33 | 82 | P 5 | TWD | 23 | VH3 | -0.11 | VH3 | VH3 | | | 146 | COLD | 560P2 |
| 73 | 13 | 0.14 | 88 | P 5 | TWD | 14 | VH3 | +0.84 | VSM | VH3 | | | 159 | COLD | 560P2 |
| | | 0.32 | 51 | P 2 | TWD | 17 | VH3 | +0.84 | TEC | TEH | | | 17 | HOT | 600UL |
| 73 | 57 | 0.42 | 65 | P 2 | TWD | 15 | 01H | +0.97 | TEH | TEC | | | 42 | COLD | 600UL |
| 73 | 103 | 0.36 | 96 | P 2 | TWD | 17 | 02H | -1.24 | TEH | TEC | | | 8 | COLD | 600UL |
| 74 | 18 | 0.33 | 148 | P 3 | TWD | 15 | DBC | +1.78 | TEH | TEC | | | 69 | COLD | 600UL |
| | | 0.22 | 91 | P 5 | TWD | 15 | DBC | +1.76 | DBC | DBC | | | 156 | COLD | 560P2 |
| 74 | 26 | 0.28 | 83 | P 2 | TWD | 14 | VC3 | -0.87 | TEC | TEH | | | 26 | HOT | 600UL |
| 74 | 44 | 0.51 | 110 | P 2 | TWD | 19 | VSM | -0.15 | TEC | TEH | | | 35 | HOT | 600UL |
| | | 0.62 | 144 | P 2 | TWD | 23 | VH3 | -0.81 | TEC | TEH | | | 35 | HOT | 600UL |
| | | 0.19 | 98 | P 5 | TWD | 14 | VSM | +0.03 | VSM | VSM | | | 177 | COLD | 560P2 |
| | | 0.32 | 89 | P 5 | TWD | 22 | VH3 | -0.73 | VH3 | VH3 | | | 156 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74 | 54 | 0.10 | 134 | P 3 | TWD | 4 | DBH | -1.91 | TEH | TEC | | | 44 | COLD | 600UL |
| 74 | 56 | 0.40 | 139 | P 3 | TWD | 16 | DBH | +1.06 | TEH | TEC | | | 42 | COLD | 600UL |
| | | 0.26 | 82 | P 5 | TWD | 19 | DBH | +1.13 | DBH | DBH | | | 153 | COLD | 560P2 |
| 74 | 78 | 0.16 | 112 | 2 | SAI | | TSH | +3.67 | TSH | TSH | 0.00 | 17.97 | 182 | HOT | 580PP |
| 74 | 90 | 0.39 | 98 | P 3 | TWD | 18 | DBC | -1.75 | TEC | TEH | | | 12 | HOT | 600UL |
| | | 0.31 | 90 | P 5 | TWD | 21 | DBC | -1.47 | DBC | DBC | | | 152 | COLD | 560P2 |
| 74 | 94 | 0.22 | 83 | P 5 | TWD | 16 | DBH | -1.66 | DBH | DBH | | | 152 | COLD | 560P2 |
| | | 0.48 | 34 | P 3 | TWD | 20 | DBH | +1.60 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.20 | 39 | P 3 | TWD | 10 | DBH | -1.90 | TEC | TEH | | | 16 | HOT | 600UL |
| 74 | 96 | 0.40 | 62 | P 2 | TWD | 18 | 02H | -1.23 | TEC | TEH | | | 16 | HOT | 600UL |
| 74 | 132 | 0.29 | 89 | P 2 | TWD | 14 | VC3 | -1.06 | TEC | TEH | | | 20 | HOT | 600UL |
| | | 0.17 | 78 | P 5 | TWD | 13 | VC3 | -0.99 | VC3 | VC3 | | | 147 | COLD | 560P2 |
| 74 | 140 | 0.32 | 15 | P 3 | TWD | 16 | DBH | +2.25 | TEC | TEH | | | 24 | HOT | 600UL |
| 74 | 146 | 0.32 | 84 | P 2 | TWD | 15 | VH3 | +0.81 | TEC | TEH | | | 24 | HOT | 600UL |
| 74 | 148 | 0.18 | 22 | P 2 | TWD | 10 | VSM | -0.86 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.41 | 145 | P 2 | TWD | 21 | VH3 | -0.96 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.31 | 78 | P 5 | TWD | 24 | VH3 | -0.91 | VH3 | VH3 | | | 149 | COLD | 560P2 |
| | | 0.21 | 92 | P 5 | TWD | 18 | VSM | -0.82 | VSM | VSM | | | 149 | COLD | 560P2 |
| 74 | 156 | 0.49 | 53 | P 2 | TWD | 22 | VC3 | -0.84 | TEC | TEH | | | 29 | HOT | 600UL |
| | | 0.47 | 86 | P 2 | TWD | 21 | VSM | -0.82 | TEC | TEH | | | 29 | HOT | 600UL |
| | | 0.55 | 97 | P 2 | TWD | 23 | VH3 | -0.84 | TEC | TEH | | | 29 | HOT | 600UL |
| | | 0.31 | 116 | P 5 | TWD | 15 | VH3 | -0.84 | VH3 | VH3 | | | 165 | COLD | 560P2 |
| | | 0.25 | 87 | P 5 | TWD | 20 | VSM | -0.84 | VSM | VSM | | | 150 | COLD | 560P2 |
| | | 0.20 | 82 | P 5 | TWD | 16 | VC3 | -0.76 | VC3 | VC3 | | | 150 | COLD | 560P2 |
| 75 | 17 | 0.18 | 123 | 2 | SAI | | 06H | +10.00 | 06H | 06H | 0.13 | | 211 | HOT | 580PP |
| | | 0.25 | 111 | 2 | SAI | | 06H | -0.23 | 06H | 06H | 0.38 | | 211 | HOT | 580PP |
| 75 | 51 | 0.27 | 136 | P 3 | TWD | 12 | DBH | -1.93 | TEH | TEC | | | 44 | COLD | 600UL |
| | | 0.13 | 93 | P 5 | TWD | 11 | DBH | -1.80 | DBH | DBH | | | 153 | COLD | 560P2 |
| 75 | 73 | 0.20 | 108 | 2 | SAI | | TSH | +0.26 | TSH | TSH | 0.00 | 21.38 | 308 | HOT | 580PP |
| 75 | 79 | 0.85 | 103 | P 3 | TWD | 29 | DBC | -1.68 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.61 | 80 | P 5 | TWD | 37 | DBC | -1.83 | DBC | DBC | | | 151 | COLD | 560P2 |
| 75 | 83 | 0.34 | 74 | P 3 | TWD | 15 | DBC | -1.97 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.35 | 82 | P 5 | TWD | 25 | DBC | -1.65 | DBC | DBC | | | 151 | COLD | 560P2 |
| 75 | 87 | 0.40 | 120 | P 3 | TWD | 17 | DBC | -2.02 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.40 | 90 | P 5 | TWD | 28 | DBC | -1.94 | DBC | DBC | | | 151 | COLD | 560P2 |
| 75 | 97 | 0.19 | 95 | P 5 | TWD | 14 | VC3 | +0.90 | VC3 | VC3 | | | 152 | COLD | 560P2 |
| | | 0.17 | 110 | P 5 | TWD | 13 | VC3 | -0.89 | VC3 | VC3 | | | 152 | COLD | 560P2 |
| | | 0.24 | 48 | P 2 | TWD | 12 | VC3 | -0.90 | TEC | TEH | | | 16 | HOT | 600UL |
| | | 0.27 | 113 | P 2 | TWD | 14 | VC3 | +0.83 | TEC | TEH | | AAS | 16 | HOT | 600UL |
| 75 | 103 | 0.15 | 85 | P 5 | TWD | 12 | VC3 | +0.69 | VC3 | VC3 | | | 146 | COLD | 560P2 |
| | | 0.17 | 95 | P 2 | TWD | 10 | VC3 | +0.95 | TEH | TEC | | | 7 | COLD | 600UL |
| 75 | 105 | 0.40 | 117 | P 2 | TWD | 20 | VH3 | -0.72 | STH | TEC | | | 11 | COLD | 600UL |
| | | 0.39 | 126 | P 2 | TWD | 19 | VSM | -0.21 | STH | TEC | | | 11 | COLD | 600UL |
| | | 0.27 | 93 | P 5 | TWD | 19 | VH3 | -0.89 | VH3 | VH3 | AAS | | 146 | COLD | 560P2 |
| | | 0.32 | 102 | P 5 | TWD | 22 | VSM | -0.25 | VSM | VSM | | | 146 | COLD | 560P2 |
| 75 | 111 | 1.03 | 110 | P 2 | TWD | 32 | VC3 | +0.93 | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.50 | 129 | P 2 | TWD | 20 | VH3 | +0.15 | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.33 | 20 | P 2 | TWD | 15 | VSM | +0.81 | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.28 | 92 | P 5 | TWD | 20 | VH3 | -0.11 | VH3 | VH3 | | | 146 | COLD | 560P2 |
| | | 0.20 | 96 | P 5 | TWD | 15 | VSM | +0.77 | VSM | VSM | | | 146 | COLD | 560P2 |
| | | 0.43 | 85 | P 5 | TWD | 28 | VC3 | +0.75 | VC3 | VC3 | | | 146 | COLD | 560P2 |
| 75 | 119 | 0.56 | 127 | P 3 | TWD | 20 | DBC | +1.63 | TEH | TEC | | | 3 | COLD | 600UL |
| 75 | 125 | 0.25 | 85 | P 2 | TWD | 12 | 07H | -0.85 | TEH | TEC | | | 3 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 75 | 139 | 2.48 | 22 | 2 | MAI | | TSH | -13.75 | TSH | TSH | 4.08 | 19.93 | 168 | HOT | 580PP |
| 76 | 22 | 0.34 | 55 | P 2 | TWD | 14 | VSM | -0.78 | TEC | TEH | | | 22 | HOT | 600UL |
| 76 | 42 | 0.20 | 132 | P 3 | TWD | 11 | DBC | -1.74 | TEC | TEH | | | 34 | HOT | 600UL |
| 76 | 66 | 0.39 | 57 | P 2 | TWD | 14 | 01H | -1.21 | TEH | TEC | | | 40 | COLD | 600UL |
| 76 | 78 | 0.50 | 109 | P 2 | TWD | 21 | VC3 | +0.90 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.25 | 131 | P 2 | TWD | 12 | VC3 | -0.88 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.27 | 87 | P 2 | TWD | 13 | VH3 | +0.84 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.23 | 92 | P 5 | TWD | 18 | VC3 | +0.82 | VC3 | VC3 | | | 151 | COLD | 560P2 |
| | | 0.17 | 92 | P 5 | TWD | 14 | VC3 | -0.93 | VC3 | VC3 | | | 151 | COLD | 560P2 |
| | | 0.19 | 95 | P 5 | TWD | 15 | VH3 | +0.85 | VH3 | VH3 | | | 151 | COLD | 560P2 |
| 76 | 90 | 0.36 | 74 | P 5 | TWD | 24 | DBC | -1.70 | DBC | DBC | | | 152 | COLD | 560P2 |
| | | 0.32 | 126 | P 3 | TWD | 14 | DBC | -1.96 | TEC | TEH | | | 11 | HOT | 600UL |
| 76 | 94 | 0.12 | 67 | P 5 | TWD | 9 | DBC | +1.77 | DBC | VC3 | | | 152 | COLD | 560P2 |
| 76 | 114 | 0.42 | 56 | P 2 | TWD | 18 | VH3 | -0.75 | TEH | TEC | | | 5 | COLD | 600UL |
| | | 0.15 | 88 | P 5 | TWD | 12 | VH3 | -0.90 | VH3 | VH3 | | | 146 | COLD | 560P2 |
| 76 | 142 | 0.25 | 120 | P 2 | TWD | 13 | 08C | -0.41 | TEC | TEH | | | 23 | HOT | 600UL |
| 77 | 27 | 0.29 | 111 | P 3 | TWD | 12 | DBC | -1.60 | TEC | TEH | | | 27 | HOT | 600UL |
| | | 0.21 | 80 | P 5 | TWD | 14 | DBC | -1.58 | DBC | DBC | | | 156 | COLD | 560P2 |
| 77 | 43 | 0.27 | 140 | P 2 | TWD | 12 | VH3 | +0.84 | TEC | TEH | | | 35 | HOT | 600UL |
| | | 0.25 | 84 | P 5 | TWD | 16 | VH3 | +0.70 | VH3 | VH3 | | | 156 | COLD | 560P2 |
| 77 | 113 | 0.23 | 83 | P 2 | TWD | 10 | VH3 | -0.95 | TEH | TEC | | APN | 6 | COLD | 600UL |
| | | 0.16 | 89 | P 5 | TWD | 13 | VH3 | -1.07 | VH3 | VH3 | | | 146 | COLD | 560P2 |
| 77 | 115 | 0.31 | 23 | P 1 | SCI | | TSH | -6.40 | TSH | TSH | 0.50 | 18.03 | 225 | HOT | 580PP |
| 77 | 137 | 0.53 | 83 | P 2 | TWD | 25 | VSM | -0.94 | TEC | TEH | | | 19 | HOT | 600UL |
| | | 0.37 | 82 | P 5 | TWD | 25 | VSM | -0.91 | VSM | VSM | | | 147 | COLD | 560P2 |
| 77 | 139 | 0.68 | 128 | P 2 | TWD | 27 | VC3 | +0.87 | TEC | TEH | | | 23 | HOT | 600UL |
| | | 0.52 | 81 | P 2 | TWD | 22 | VSM | -0.96 | TEC | TEH | | | 23 | HOT | 600UL |
| | | 0.32 | 119 | P 2 | TWD | 16 | VH3 | -0.93 | TEC | TEH | | | 23 | HOT | 600UL |
| | | 0.19 | 91 | P 5 | TWD | 15 | VSM | -0.90 | VSM | VSM | | | 147 | COLD | 560P2 |
| | | 0.22 | 103 | P 5 | TWD | 17 | VH3 | -0.95 | VH3 | VH3 | | | 147 | COLD | 560P2 |
| | | 0.38 | 93 | P 5 | TWD | 25 | VC3 | +0.90 | VC3 | VC3 | | | 147 | COLD | 560P2 |
| | | 0.14 | 105 | P 5 | TWD | 11 | VC3 | +0.16 | VC3 | VC3 | | | 147 | COLD | 560P2 |
| | | 0.13 | 102 | P 5 | TWD | 10 | VC3 | -0.83 | VC3 | VC3 | | | 147 | COLD | 560P2 |
| 78 | 26 | 0.31 | 96 | P 2 | TWD | 14 | 07C | -0.18 | TEC | TEH | | | 26 | HOT | 600UL |
| 78 | 28 | 0.25 | 86 | P 5 | TWD | 16 | DBC | -1.68 | DBC | DBC | | | 156 | COLD | 560P2 |
| | | 0.16 | 133 | P 3 | TWD | 8 | DBC | -1.53 | TEC | TEH | | | 26 | HOT | 600UL |
| 78 | 44 | 0.48 | 132 | P 2 | TWD | 19 | VSM | -0.82 | TEC | TEH | | | 35 | HOT | 600UL |
| | | 0.23 | 87 | P 5 | TWD | 15 | VSM | -0.59 | VSM | VSM | | | 156 | COLD | 560P2 |
| 78 | 64 | 0.26 | 14 | 2 | SAI | | TSH | -10.99 | TSH | TSH | 0.00 | 19.08 | 170 | HOT | 580PP |
| | | 1.36 | 24 | 2 | SAI | | TSH | -10.68 | TSH | TSH | 1.05 | 19.08 | 170 | HOT | 580PP |
| | | 0.96 | 26 | 2 | SAI | | TSH | -10.51 | TSH | TSH | 1.34 | 19.08 | 170 | HOT | 580PP |
| | | 0.40 | 13 | 2 | SAI | | TSH | -9.76 | TSH | TSH | 0.18 | 19.08 | 170 | HOT | 580PP |
| | | 0.89 | 21 | 2 | SAI | | TSH | -9.35 | TSH | TSH | 0.59 | 19.08 | 170 | HOT | 580PP |
| | | 1.85 | 27 | 2 | SAI | | TSH | -9.18 | TSH | TSH | 1.82 | 19.08 | 170 | HOT | 580PP |
| 78 | 66 | 0.12 | 120 | 2 | SAI | | 02H | -1.87 | 02H | 02H | 0.13 | | 278 | HOT | 580PP |
| 78 | 74 | 0.62 | 25 | P 1 | SCI | | TSH | -0.09 | TSH | TSH | 0.40 | 17.30 | 178 | HOT | 580PP |
| 78 | 130 | 0.21 | 78 | P 5 | TWD | 16 | VSM | -1.19 | VSM | VSM | | | 147 | COLD | 560P2 |
| | | 0.32 | 124 | P 2 | TWD | 14 | VSM | -0.95 | TEH | TEC | | | 57 | COLD | 600UL |
| 78 | 136 | 0.27 | 142 | P 2 | TWD | 12 | VC3 | -0.76 | STH | TEC | | | 63 | COLD | 600UL |
| | | 0.19 | 91 | P 5 | TWD | 15 | VC3 | -0.73 | VC3 | VC3 | | | 147 | COLD | 560P2 |
| 78 | 150 | 0.50 | 43 | P 2 | TWD | 22 | VH3 | -0.74 | TEC | TEH | | | 29 | HOT | 600UL |
| | | 0.13 | 67 | P 5 | TWD | 12 | VH3 | -0.78 | VH3 | VH3 | | | 149 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78 | 160 | 0.28 | 137 | P 3 | TWD | 14 | DBC | -1.63 | TEC | TEH | | | 33 | HOT | 600UL |
| | | 0.13 | 99 | P 5 | TWD | 11 | DBC | -1.57 | DBC | DBC | | | 150 | COLD | 560P2 |
| 79 | 43 | 0.27 | 89 | P 2 | TWD | 13 | VH3 | -0.61 | TEC | TEH | | | 34 | HOT | 600UL |
| | | 0.24 | 90 | P 5 | TWD | 16 | VH3 | -0.76 | VH3 | VH3 | | | 156 | COLD | 560P2 |
| 79 | 79 | 0.24 | 126 | P 2 | TWD | 12 | VH3 | -0.91 | TEC | TEH | | | 11 | HOT | 600UL |
| | | 0.17 | 66 | P 5 | TWD | 14 | VH3 | -0.88 | VH3 | VH3 | | | 151 | COLD | 560P2 |
| 79 | 99 | 0.51 | 169 | P 3 | TWD | 21 | DBH | +1.03 | TEC | TEH | | | 15 | HOT | 600UL |
| 80 | 98 | 0.52 | 149 | P 3 | TWD | 21 | DBH | +1.72 | TEC | TEH | | | 15 | HOT | 600UL |
| 80 | 106 | 0.10 | 89 | P 5 | TWD | 8 | VH3 | +0.75 | VH3 | VH3 | | | 146 | COLD | 560P2 |
| | | 0.24 | 33 | P 2 | TWD | 14 | VH3 | +0.89 | TEH | TEC | | | 7 | COLD | 600UL |
| 80 | 114 | 0.36 | 57 | P 2 | TWD | 16 | VC3 | +0.85 | TEH | TEC | | | 5 | COLD | 600UL |
| 80 | 152 | 0.52 | 49 | P 2 | TWD | 24 | VC3 | +0.94 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.44 | 29 | P 2 | TWD | 22 | VC3 | -0.94 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.30 | 66 | P 2 | TWD | 16 | VSM | +1.00 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.51 | 90 | P 2 | TWD | 24 | VSM | -0.94 | TEC | TEH | | | 28 | HOT | 600UL |
| | | 0.37 | 87 | P 5 | TWD | 27 | VC3 | +0.89 | VC3 | VC3 | | | 150 | COLD | 560P2 |
| | | 0.22 | 88 | P 5 | TWD | 18 | VC3 | -0.71 | VC3 | VC3 | | | 150 | COLD | 560P2 |
| | | 0.36 | 91 | P 5 | TWD | 26 | VSM | -0.86 | VSM | VSM | | | 150 | COLD | 560P2 |
| | | 0.22 | 98 | P 5 | TWD | 18 | VSM | +0.81 | VSM | VSM | | | 150 | COLD | 560P2 |
| 81 | 43 | 0.76 | 107 | P 5 | TWD | 30 | VSM | -0.84 | VSM | VSM | | | 324 | HOT | 560P2 |
| | | 0.38 | 143 | P 2 | TWD | 17 | VC3 | -0.46 | TEC | TEH | | | 42 | HOT | 600UL |
| | | 0.76 | 126 | P 2 | TWD | 27 | VSM | -0.91 | TEC | TEH | | | 42 | HOT | 600UL |
| | | 0.35 | 85 | P 5 | TWD | 25 | VC3 | -0.81 | VC3 | VC3 | | | 171 | COLD | 560P2 |
| | | 0.18 | 92 | P 5 | TWD | 14 | VC3 | +0.25 | VC3 | VC3 | | | 171 | COLD | 560P2 |
| | | 0.14 | 101 | P 5 | TWD | 11 | VC3 | +0.96 | VC3 | VC3 | | | 171 | COLD | 560P2 |
| 81 | 55 | 0.28 | 47 | P 2 | TWD | 12 | VH3 | -0.83 | TEH | TEC | | | 48 | COLD | 600UL |
| 81 | 61 | 0.13 | 107 | 2 | MAI | | 01H | +3.20 | 01H | 01H | 0.00 | | 292 | HOT | 580PP |
| 81 | 75 | 0.27 | 33 | P 2 | TWD | 15 | VC3 | +0.87 | TEH | TEC | | | 53 | COLD | 600UL |
| | | 0.14 | 112 | P 5 | TWD | 12 | VC3 | +0.87 | VC3 | VC3 | | | 163 | COLD | 560P2 |
| 81 | 79 | 0.81 | 85 | P 2 | TWD | 26 | VH3 | -0.89 | TEH | TEC | | | 32 | COLD | 600UL |
| | | 0.52 | 107 | P 5 | TWD | 23 | VH3 | -0.79 | VH3 | VH3 | | | 322 | HOT | 560P2 |
| 81 | 105 | 0.60 | 77 | P 2 | TWD | 22 | VH3 | +0.68 | TEH | TEC | | | 21 | COLD | 600UL |
| | | 0.27 | 137 | P 2 | TWD | 12 | VSM | +0.85 | TEH | TEC | | | 21 | COLD | 600UL |
| | | 0.29 | 115 | P 5 | TWD | 15 | VSM | +0.93 | VSM | VSM | | | 166 | COLD | 560P2 |
| | | 0.27 | 83 | P 5 | TWD | 19 | VH3 | +1.03 | VH3 | VH3 | | | 326 | HOT | 560P2 |
| 81 | 125 | 0.55 | 25 | P 1 | SCI | | TSH | -0.05 | TSH | TSH | 0.71 | 17.25 | 294 | HOT | 580PP |
| 81 | 131 | 1.24 | 15 | P 1 | SCI | | TSH | -16.67 | TSH | TSH | .48 | 18.10 | 262 | HOT | 580PP |
| 81 | 135 | 0.40 | 120 | P 2 | TWD | 18 | VH3 | +0.88 | TEC | TEH | | | 41 | HOT | 600UL |
| | | 0.27 | 86 | P 5 | TWD | 22 | VH3 | +0.88 | VH3 | VH3 | | | 323 | HOT | 560P2 |
| | | 0.18 | 96 | P 5 | TWD | 16 | VH3 | -0.80 | VH3 | VH3 | | | 323 | HOT | 560P2 |
| 81 | 159 | 0.22 | 96 | P 5 | TWD | 15 | 02H | -0.34 | 02H | 02H | | | 275 | HOT | 580PP |
| | | 0.36 | 76 | P 2 | TWD | 16 | VH3 | -0.82 | TEC | TEH | | | 51 | HOT | 600UL |
| | | 0.31 | 88 | P 2 | TWD | 14 | 02H | -0.33 | TEC | TEH | LAR | | 51 | HOT | 600UL |
| 82 | 28 | 0.28 | 138 | P 2 | TWD | 12 | VH3 | -0.71 | TEC | TEH | | | 39 | HOT | 600UL |
| | | 0.29 | 101 | P 5 | TWD | 14 | VH3 | -0.85 | VH3 | VH3 | | | 324 | HOT | 560P2 |
| | | 0.33 | 102 | P 5 | TWD | 16 | VH3 | -0.15 | VH3 | VH3 | | | 324 | HOT | 560P2 |
| 82 | 50 | 0.13 | 127 | P 5 | TWD | 10 | 08H | -0.43 | 08H | 08H | | | 240 | HOT | 580PP |
| 82 | 68 | 0.46 | 104 | P 5 | TWD | 21 | VH3 | +0.84 | VH3 | VH3 | | | 324 | HOT | 560P2 |
| | | 0.68 | 100 | P 5 | TWD | 28 | VH3 | -0.84 | VH3 | VH3 | | | 324 | HOT | 560P2 |
| | | 0.76 | 98 | P 2 | TWD | 27 | VH3 | -0.85 | TEH | TEC | | | 51 | COLD | 600UL |
| | | 0.35 | 143 | P 2 | TWD | 16 | VH3 | +0.83 | TEH | TEC | | | 51 | COLD | 600UL |
| 82 | 70 | 0.40 | 56 | P 2 | TWD | 16 | 01H | +0.86 | TEH | TEC | | | 52 | COLD | 600UL |
| 82 | 76 | 0.20 | 26 | P 1 | SCI | | TSH | +0.00 | TSH | TSH | 0.0 | 18.06 | 284 | HOT | 580PP |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82 | 96 | 0.37 | 28 | P 2 | TWD | 17 | 04H | -0.20 | TEH | TEC | | | 26 | COLD | 600UL |
| 82 | 104 | 0.35 | 85 | P 2 | TWD | 15 | 02H | -1.09 | TEH | TEC | | | 21 | COLD | 600UL |
| 82 | 108 | 0.34 | 70 | P 2 | TWD | 14 | 02H | -1.20 | TEH | TEC | | | 19 | COLD | 600UL |
| 82 | 112 | 0.91 | 20 | 2 | SAI | | TSH | -12.24 | TSH | TSH | 1.33 | | 300 | HOT | 580PP |
| | | 1.14 | 16 | 2 | SAI | | TSH | -13.10 | TSH | TSH | 1.19 | | 300 | HOT | 580PP |
| | | 1.41 | 18 | 2 | SAI | | TSH | -13.28 | TSH | TSH | 1.63 | | 300 | HOT | 580PP |
| | | 1.98 | 19 | 2 | SAI | | TSH | -13.65 | TSH | TSH | 3.01 | 18.03 | 300 | HOT | 580PP |
| 82 | 148 | 0.73 | 126 | P 2 | TWD | 27 | VH3 | -0.92 | TEC | TEH | | | 50 | HOT | 600UL |
| | | 0.38 | 88 | P 5 | TWD | 27 | VH3 | -0.93 | VH3 | VH3 | | | 323 | HOT | 560P2 |
| 83 | 95 | 0.20 | 150 | P 1 | SCI | | TSH | +0.07 | TSH | TSH | 0.22 | 18.04 | 276 | HOT | 580PP |
| 83 | 109 | 0.42 | 52 | P 2 | TWD | 17 | 01H | +0.91 | TEH | TEC | | | 19 | COLD | 600UL |
| | | 0.37 | 44 | P 2 | TWD | 15 | 02H | -1.20 | TEH | TEC | | | 19 | COLD | 600UL |
| 84 | 88 | 0.34 | 88 | P 2 | TWD | 14 | VH2 | +0.78 | TEH | TEC | | | 29 | COLD | 600UL |
| 84 | 98 | 0.27 | 56 | P 2 | TWD | 14 | 02H | -1.25 | TEH | TEC | | | 26 | COLD | 600UL |
| 84 | 100 | 0.23 | 96 | P 2 | TWD | 12 | VH2 | +0.81 | TEH | TEC | | | 24 | COLD | 600UL |
| 84 | 110 | 0.58 | 55 | P 2 | TWD | 23 | VH2 | -0.90 | TEH | TEC | | | 18 | COLD | 600UL |
| 84 | 124 | 0.47 | 56 | P 2 | TWD | 21 | VH2 | +0.72 | TEH | TEC | | | 14 | COLD | 600UL |
| 84 | 132 | 0.46 | 109 | P 2 | TWD | 20 | VC2 | -0.64 | TEC | TEH | | | 41 | HOT | 600UL |
| 85 | 71 | 0.44 | 40 | P 2 | TWD | 17 | 02H | -1.19 | TEH | TEC | | | 52 | COLD | 600UL |
| 85 | 99 | 0.47 | 51 | P 2 | TWD | 21 | 02H | -1.24 | TEH | TEC | | | 26 | COLD | 600UL |
| 85 | 113 | 1.61 | 17 | 2 | SAI | | TSH | -11.79 | TSH | TSH | 1.62 | | 300 | HOT | 580PP |
| | | 2.35 | 18 | 2 | SAI | | TSH | -12.78 | TSH | TSH | 3.23 | 17.92 | 300 | HOT | 580PP |
| 85 | 145 | 0.26 | 150 | P 2 | TWD | 15 | VSM | +0.82 | TEC | TEH | | | 47 | HOT | 600UL |
| 86 | 82 | 0.40 | 73 | P 2 | TWD | 17 | VH2 | +0.80 | STH | TEC | | | 63 | COLD | 600UL |
| 86 | 130 | 0.35 | 88 | P 2 | TWD | 17 | VH2 | -0.86 | TEC | TEH | | | 41 | HOT | 600UL |
| 87 | 43 | 0.38 | 63 | P 2 | TWD | 17 | VH2 | +0.63 | TEC | TEH | | | 42 | HOT | 600UL |
| 87 | 49 | 0.37 | 72 | P 2 | TWD | 16 | VH2 | +0.82 | TEH | TEC | | | 45 | COLD | 600UL |
| 87 | 71 | 0.26 | 98 | 2 | SAI | | 08H | -0.41 | 08H | 08H | .30 | | 249 | HOT | 580PP |
| 88 | 38 | 0.43 | 120 | P 2 | TWD | 19 | VH2 | -1.05 | TEC | TEH | | | 42 | HOT | 600UL |
| 88 | 40 | 0.31 | 50 | P 2 | TWD | 15 | VH2 | -0.81 | TEC | TEH | | | 42 | HOT | 600UL |
| 88 | 44 | 0.48 | 139 | P 2 | TWD | 21 | VH2 | -0.82 | TEC | TEH | | | 43 | HOT | 600UL |
| 88 | 68 | 0.37 | 92 | P 2 | TWD | 15 | VH2 | -0.83 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.37 | 63 | P 2 | TWD | 15 | 01H | +0.94 | TEH | TEC | | | 52 | COLD | 600UL |
| 88 | 88 | 0.33 | 58 | P 2 | TWD | 14 | VH2 | +0.91 | TEH | TEC | | | 29 | COLD | 600UL |
| 88 | 138 | 0.37 | 125 | P 2 | TWD | 17 | VH2 | -0.83 | TEC | TEH | | | 46 | HOT | 600UL |
| 88 | 140 | 0.43 | 98 | P 2 | TWD | 19 | VH2 | +1.02 | TEC | TEH | | | 46 | HOT | 600UL |
| 88 | 152 | 0.44 | 137 | P 2 | TWD | 19 | VH2 | -0.82 | TEC | TEH | | | 51 | HOT | 600UL |
| 89 | 85 | 0.36 | 55 | P 2 | TWD | 15 | VH2 | -0.71 | TEH | TEC | | | 31 | COLD | 600UL |
| | | 0.28 | 135 | P 1 | SCI | | TSH | +0.08 | TSH | TSH | 0.00 | 18.86 | 285 | HOT | 580PP |
| 89 | 87 | 0.52 | 17 | 2 | SAI | | TSH | -13.33 | TSH | TSH | 0.98 | 18.89 | 285 | HOT | 580PP |
| 89 | 111 | 3.22 | 29 | 2 | SAI | | TSH | -12.99 | TSH | TSH | 4.96 | 17.71 | 301 | HOT | 580PP |
| 89 | 133 | 0.30 | 82 | P 2 | TWD | 15 | VH2 | -0.88 | TEC | TEH | | | 41 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | 38 | 0.55 | 101 | P 2 | TWD | 23 | VH2 | -0.93 | TEC | TEH | | | 43 | HOT | 600UL |
| 90 | 40 | 0.50 | 95 | P 2 | TWD | 22 | VH2 | -1.02 | TEC | TEH | | | 43 | HOT | 600UL |
| 90 | 52 | 0.51 | 89 | P 2 | TWD | 20 | VH2 | -0.79 | TEH | TEC | | | 47 | COLD | 600UL |
| 90 | 58 | 0.37 | 119 | P 2 | TWD | 16 | VH2 | -0.81 | TEH | TEC | | | 47 | COLD | 600UL |
| 90 | 106 | 0.25 | 96 | P 2 | TWD | 11 | VH2 | +0.68 | TEH | TEC | | | 21 | COLD | 600UL |
| 90 | 114 | 0.37 | 85 | P 2 | TWD | 17 | VH3 | -0.59 | TEH | TEC | | | 18 | COLD | 600UL |
| 90 | 116 | 0.11 | 110 | 2 | SAI | | 02H | +10.21 | 02H | 02H | 0.00 | | 300 | HOT | 580PP |
| | | 0.38 | 129 | P 2 | TWD | 16 | VH2 | -0.83 | TEH | TEC | | | 17 | COLD | 600UL |
| 90 | 118 | 0.38 | 126 | P 2 | TWD | 16 | VH2 | -0.81 | TEH | TEC | | | 17 | COLD | 600UL |
| 90 | 140 | 0.29 | 73 | P 2 | TWD | 16 | VH2 | -0.83 | TEC | TEH | | | 47 | HOT | 600UL |
| 90 | 144 | 0.37 | 20 | P 2 | TWD | 20 | VSM | +0.88 | TEC | TEH | | | 47 | HOT | 600UL |
| 90 | 156 | 0.35 | 69 | P 2 | TWD | 15 | VH2 | -0.81 | TEC | TEH | | | 50 | HOT | 600UL |
| 91 | 43 | 0.58 | 127 | P 2 | TWD | 24 | 06C | -0.93 | TEC | TEH | | | 42 | HOT | 600UL |
| | | 0.45 | 107 | P 5 | TWD | 26 | 06C | -0.92 | 06C | 06C | | | 140 | COLD | 580PP |
| 91 | 67 | 0.33 | 89 | P 2 | TWD | 13 | 09H | -0.93 | TEH | TEC | | | 52 | COLD | 600UL |
| 91 | 119 | 0.35 | 106 | P 2 | TWD | 15 | VH2 | -0.66 | TEH | TEC | | | 17 | COLD | 600UL |
| 91 | 145 | 0.26 | 78 | P 2 | TWD | 13 | VH2 | -1.00 | TEC | TEH | | | 46 | HOT | 600UL |
| 91 | 151 | 0.30 | 34 | P 2 | TWD | 14 | VH2 | -0.91 | TEC | TEH | | | 50 | HOT | 600UL |
| 92 | 60 | 0.46 | 142 | P 2 | TWD | 19 | 09H | -1.23 | TEH | TEC | | | 49 | COLD | 600UL |
| 92 | 96 | 0.30 | 48 | P 2 | TWD | 15 | VC3 | +0.75 | TEH | TEC | | | 26 | COLD | 600UL |
| 93 | 31 | 0.09 | 107 | 2 | SAI | | 06H | +4.15 | 06H | 06H | 0.00 | | 286 | HOT | 580PP |
| | | 0.10 | 99 | 2 | SAI | | 06H | +5.78 | 06H | 06H | 0.00 | | 286 | HOT | 580PP |
| 93 | 33 | 0.55 | 130 | P 2 | TWD | 23 | VH2 | +0.87 | TEC | TEH | | | 38 | HOT | 600UL |
| 94 | 26 | 0.45 | 85 | P 2 | TWD | 18 | VH2 | +1.04 | TEC | TEH | | | 39 | HOT | 600UL |
| 94 | 50 | 0.18 | 94 | P 5 | TWD | 12 | 05C | -0.15 | 05C | 05C | | | 136 | COLD | 580PP |
| | | 0.24 | 114 | P 2 | TWD | 11 | 05C | -0.14 | TEH | TEC | | | 45 | COLD | 600UL |
| 94 | 124 | 0.34 | 123 | P 2 | TWD | 14 | VH2 | -0.93 | TEH | TEC | | | 56 | COLD | 600UL |
| 94 | 146 | 0.24 | 106 | P 2 | TWD | 14 | VH3 | -0.88 | TEC | TEH | | | 47 | HOT | 600UL |
| | | 0.14 | 94 | P 5 | TWD | 13 | VH3 | -0.81 | VH3 | VH3 | | | 323 | HOT | 560P2 |
| 94 | 154 | 0.28 | 30 | P 2 | TWD | 13 | VH2 | -1.24 | TEC | TEH | | | 50 | HOT | 600UL |
| 95 | 29 | 0.52 | 152 | P 2 | TWD | 22 | VH2 | +0.89 | TEC | TEH | | | 38 | HOT | 600UL |
| 95 | 35 | 0.57 | 79 | P 2 | TWD | 23 | VH2 | +0.97 | TEC | TEH | | | 42 | HOT | 600UL |
| 95 | 77 | 2.11 | 25 | 2 | SAI | | TSH | -9.20 | TSH | TSH | 3.03 | 18.63 | 289 | HOT | 580PP |
| 95 | 93 | 1.17 | 28 | P 1 | SCI | | TSH | -7.33 | TSH | TSH | 1.81 | 18.41 | 280 | HOT | 580PP |
| 95 | 97 | 0.35 | 91 | P 2 | TWD | 16 | VH3 | -0.81 | TEH | TEC | | | 26 | COLD | 600UL |
| 95 | 141 | 1.23 | 14 | 2 | SAI | | TSH | -12.35 | TSH | TSH | .79 | 18.53 | 271 | HOT | 580PP |
| | | 0.79 | 11 | 2 | SAI | | TSH | -12.01 | TSH | TSH | .54 | | 271 | HOT | 580PP |
| 96 | 48 | 0.43 | 113 | P 2 | TWD | 21 | VH2 | -0.86 | TEH | TEC | | | 46 | COLD | 600UL |
| 96 | 52 | 0.39 | 114 | P 2 | TWD | 17 | VH2 | -0.83 | TEH | TEC | | | 47 | COLD | 600UL |
| 96 | 74 | 0.39 | 129 | P 2 | TWD | 19 | VSM | -0.87 | TEH | TEC | | | 53 | COLD | 600UL |
| 96 | 98 | 0.28 | 105 | P 2 | TWD | 14 | 07H | +1.25 | TEH | TEC | | | 26 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96 | 152 | 0.36 | 75 | P 2 | TWD | 16 | VH2 | +0.86 | TEC | TEH | | | 51 | HOT | 600UL |
| 97 | 37 | 0.41 | 103 | P 2 | TWD | 18 | VC3 | +0.81 | TEC | TEH | | | 42 | HOT | 600UL |
| | | 0.30 | 81 | P 5 | TWD | 21 | VC3 | +0.81 | VC3 | VC3 | | | 164 | COLD | 560P2 |
| 97 | 41 | 0.47 | 135 | P 2 | TWD | 20 | VH2 | +0.91 | TEC | TEH | | | 42 | HOT | 600UL |
| 97 | 107 | 1.01 | 18 | 2 | SAI | | TSH | -8.96 | TSH | TSH | 0.92 | 17.32 | 305 | HOT | 580PP |
| 97 | 123 | 0.31 | 113 | P 2 | TWD | 13 | VH2 | -0.77 | TEH | TEC | | | 17 | COLD | 600UL |
| 98 | 94 | 0.35 | 70 | P 2 | TWD | 14 | VH3 | +0.81 | TEH | TEC | | | 27 | COLD | 600UL |
| 98 | 136 | 0.27 | 65 | P 2 | TWD | 13 | VH2 | -0.83 | TEC | TEH | | | 46 | HOT | 600UL |
| | | 0.40 | 55 | P 2 | TWD | 18 | VH2 | +0.76 | TEC | TEH | | | 46 | HOT | 600UL |
| 98 | 148 | 0.42 | 135 | P 2 | TWD | 18 | VH2 | +0.98 | TEC | TEH | | | 50 | HOT | 600UL |
| 98 | 150 | 0.49 | 43 | P 2 | TWD | 20 | VH2 | +0.81 | TEC | TEH | | | 50 | HOT | 600UL |
| 100 | 36 | 0.42 | 150 | P 2 | TWD | 19 | 06H | -0.53 | TEC | TEH | | | 42 | HOT | 600UL |
| | | 0.25 | 99 | 2 | SAI | | 06H | -0.45 | 06H | 06H | 0.37 | | 286 | HOT | 580PP |
| | | 0.13 | 100 | 2 | SAI | | 06H | +1.55 | 06H | 06H | 0.20 | | 286 | HOT | 580PP |
| | | 0.08 | 87 | 2 | SAI | | 06H | +2.18 | 06H | 06H | 0.00 | | 286 | HOT | 580PP |
| | | 0.12 | 87 | 2 | SAI | | 06H | +2.92 | 06H | 06H | 0.37 | | 286 | HOT | 580PP |
| | | 0.12 | 98 | 2 | MAI | | 06H | +3.24 | 06H | 06H | 0.19 | | 286 | HOT | 580PP |
| | | 0.12 | 131 | 2 | SAI | | 06H | +3.80 | 06H | 06H | 0.00 | | 286 | HOT | 580PP |
| 100 | 98 | 0.37 | 70 | P 2 | TWD | 17 | 01H | +0.79 | TEH | TEC | | | 26 | COLD | 600UL |
| 100 | 140 | 0.58 | 113 | P 2 | TWD | 24 | VH2 | +0.96 | TEC | TEH | | | 46 | HOT | 600UL |
| | | 0.45 | 79 | P 2 | TWD | 20 | VH2 | -0.92 | TEC | TEH | | | 46 | HOT | 600UL |
| 101 | 37 | 0.54 | 84 | P 2 | TWD | 22 | 03H | +0.84 | TEC | TEH | | | 42 | HOT | 600UL |
| 101 | 97 | 0.15 | 106 | 2 | SAI | | TSH | +1.65 | TSH | TSH | 0.0 | 17.87 | 276 | HOT | 580PP |
| 101 | 143 | 0.33 | 121 | P 3 | TWD | 17 | DBH | +1.95 | TEC | TEH | | | 47 | HOT | 600UL |
| | | 0.41 | 100 | P 2 | TWD | 21 | VH2 | -0.85 | TEC | TEH | | | 47 | HOT | 600UL |
| | | 0.19 | 92 | P 5 | TWD | 17 | DBH | +2.09 | DBH | DBH | | | 323 | HOT | 560P2 |
| 101 | 147 | 0.39 | 96 | P 2 | TWD | 17 | VH2 | +0.81 | TEC | TEH | | | 50 | HOT | 600UL |
| | | 0.35 | 106 | P 2 | TWD | 16 | VH2 | -0.92 | TEC | TEH | | | 50 | HOT | 600UL |
| 101 | 151 | 0.45 | 115 | P 2 | TWD | 20 | VH2 | +0.83 | TEC | TEH | | | 50 | HOT | 600UL |
| 102 | 56 | 0.32 | 104 | P 2 | TWD | 14 | VH2 | -0.79 | TEH | TEC | | | 47 | COLD | 600UL |
| 102 | 58 | 0.31 | 123 | P 2 | TWD | 14 | VC3 | -0.75 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.27 | 79 | P 2 | TWD | 12 | VC2 | -0.79 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.15 | 99 | P 5 | TWD | 13 | VC2 | -0.81 | VC2 | VC2 | | | 163 | COLD | 560P2 |
| | | 0.18 | 76 | P 5 | TWD | 14 | VC3 | -0.59 | VC3 | VC3 | | | 163 | COLD | 560P2 |
| 102 | 92 | 0.40 | 126 | P 2 | TWD | 18 | 03H | +0.84 | TEH | TEC | | | 26 | COLD | 600UL |
| 102 | 120 | 0.31 | 121 | P 2 | TWD | 13 | VH2 | -0.89 | TEH | TEC | | | 17 | COLD | 600UL |
| 102 | 122 | 0.45 | 94 | P 2 | TWD | 19 | VC2 | -0.80 | TEH | TEC | | | 16 | COLD | 600UL |
| | | 0.18 | 120 | 2 | SAI | | VC2 | -0.83 | VC2 | VC2 | 0.0 | | 171 | COLD | 560P2 |
| 103 | 39 | 0.12 | 131 | 2 | SAI | | 06H | +1.38 | 06H | 06H | 0.00 | | 286 | HOT | 580PP |
| | | 0.15 | 89 | 2 | SAI | | 06H | +1.99 | 06H | 06H | 0.45 | | 286 | HOT | 580PP |
| | | 0.12 | 57 | 2 | SAI | | 06H | +2.02 | 06H | 06H | 0.33 | | 286 | HOT | 580PP |
| | | 0.19 | 94 | 2 | SAI | | 06H | +3.38 | 06H | 06H | 0.48 | | 286 | HOT | 580PP |
| | | 0.11 | 140 | 2 | SAI | | 06H | +4.40 | 06H | 06H | 0.00 | | 286 | HOT | 580PP |
| | | 0.12 | 73 | 2 | SAI | | 06H | +17.83 | 06H | 06H | 0.00 | | 286 | HOT | 580PP |
| 103 | 47 | 0.41 | 54 | P 2 | TWD | 17 | VH2 | -0.86 | TEH | TEC | | | 45 | COLD | 600UL |
| 103 | 97 | 0.37 | 65 | P 2 | TWD | 17 | 06H | +0.76 | TEH | TEC | | | 26 | COLD | 600UL |
| 103 | 137 | 0.37 | 75 | P 2 | TWD | 17 | VH3 | -0.91 | TEC | TEH | | | 46 | HOT | 600UL |
| | | 0.14 | 82 | P 5 | TWD | 13 | VH3 | -0.91 | VH3 | VH3 | | | 323 | HOT | 560P2 |
| 104 | 94 | 0.38 | 117 | P 2 | TWD | 18 | VSM | -0.83 | TEH | TEC | | | 26 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 122 | 0.32 | 118 | P 2 | TWD | 14 | VH2 | -0.72 | TEH | TEC | | | 17 | COLD | 600UL |
| 105 | 87 | 0.38 | 40 | P 2 | TWD | 16 | VC2 | +0.65 | TEH | TEC | | | 31 | COLD | 600UL |
| 105 | 91 | 0.45 | 93 | P 2 | TWD | 20 | 01H | +0.95 | TEH | TEC | | | 26 | COLD | 600UL |
| 105 | 93 | 0.30 | 146 | P 2 | TWD | 15 | VSM | +0.78 | TEH | TEC | | | 26 | COLD | 600UL |
| 105 | 137 | 0.37 | 59 | P 2 | TWD | 20 | VH2 | -0.84 | TEC | TEH | | | 47 | HOT | 600UL |
| 105 | 141 | 0.49 | 155 | P 3 | TWD | 22 | DBH | +1.75 | TEC | TEH | | | 47 | HOT | 600UL |
| | | 0.12 | 83 | P 5 | TWD | 11 | DBH | +2.02 | DBH | DBH | | | 323 | HOT | 560P2 |
| 106 | 62 | 0.29 | 98 | P 2 | TWD | 14 | VC2 | -0.65 | TEH | TEC | | | 49 | COLD | 600UL |
| 106 | 86 | 0.20 | 22 | P 3 | TWD | 9 | DBH | -2.06 | TEH | TEC | | | 31 | COLD | 600UL |
| 106 | 88 | 0.51 | 45 | P 2 | TWD | 19 | 01H | +0.86 | TEH | TEC | | | 29 | COLD | 600UL |
| 106 | 104 | 0.22 | 23 | P 2 | TWD | 10 | VC2 | -0.75 | TEH | TEC | | | 21 | COLD | 600UL |
| | | 0.12 | 84 | 2 | SAI | | TSH | +1.91 | TSH | TSH | 0.0 | 18.15 | 306 | HOT | 580PP |
| 106 | 132 | 0.26 | 104 | P 2 | TWD | 12 | VH2 | -0.95 | TEC | TEH | | | 40 | HOT | 600UL |
| 106 | 136 | 0.31 | 128 | P 2 | TWD | 15 | VH2 | -0.89 | TEC | TEH | | | 46 | HOT | 600UL |
| 106 | 146 | 0.25 | 174 | P 3 | TWD | 13 | DBH | +1.15 | TEC | TEH | | | 47 | HOT | 600UL |
| 107 | 33 | 0.54 | 17 | P 3 | TWD | 20 | DBC | +2.06 | TEC | TEH | | | 39 | HOT | 600UL |
| | | 0.27 | 81 | P 5 | TWD | 19 | DBC | +2.06 | DBC | DBC | | | 164 | COLD | 560P2 |
| 107 | 35 | 0.59 | 164 | P 3 | TWD | 23 | DBC | +1.61 | TEC | TEH | | | 42 | HOT | 600UL |
| | | 0.38 | 79 | P 5 | TWD | 25 | DBC | +1.61 | DBC | DBC | | | 164 | COLD | 560P2 |
| 107 | 37 | 0.48 | 55 | P 3 | TWD | 21 | DBC | +1.70 | TEC | TEH | | | 43 | HOT | 600UL |
| 107 | 103 | 0.51 | 52 | P 2 | TWD | 19 | VH2 | -0.92 | TEH | TEC | | | 21 | COLD | 600UL |
| | | 0.26 | 88 | P 5 | TWD | 19 | VH2 | -0.77 | VH2 | VH2 | | | 326 | HOT | 560P2 |
| 108 | 42 | 0.17 | 99 | P 5 | TWD | 10 | DBH | -2.20 | DBH | DBH | | | 347 | HOT | 560P2 |
| | | 0.18 | 84 | P 5 | TWD | 13 | DBH | +1.85 | DBH | DBH | | | 347 | HOT | 560P2 |
| | | 0.36 | 79 | P 3 | TWD | 17 | DBH | +1.81 | TEC | TEH | | | 43 | HOT | 600UL |
| | | 0.43 | 108 | P 3 | TWD | 19 | DBH | -2.10 | TEC | TEH | | | 43 | HOT | 600UL |
| 108 | 74 | 0.23 | 27 | P 2 | TWD | 12 | VH2 | -0.77 | TEH | TEC | | | 53 | COLD | 600UL |
| 108 | 110 | 1.26 | 25 | 2 | MAI | | TSH | -14.99 | TSH | TSH | 1.85 | 18.03 | 300 | HOT | 580PP |
| 108 | 136 | 0.35 | 111 | P 2 | TWD | 17 | VH2 | -0.85 | TEC | TEH | | | 41 | HOT | 600UL |
| 109 | 47 | 0.35 | 108 | P 5 | TWD | 21 | VSM | -1.00 | VSM | VSM | | | 347 | HOT | 560P2 |
| | | 0.28 | 144 | P 2 | TWD | 15 | VSM | -0.95 | TEH | TEC | | | 46 | COLD | 600UL |
| | | 0.24 | 116 | P 2 | TWD | 13 | VC3 | -0.85 | TEH | TEC | | | 46 | COLD | 600UL |
| | | 0.29 | 98 | P 5 | TWD | 21 | VC3 | -0.81 | VC3 | VC3 | | | 163 | COLD | 560P2 |
| 109 | 55 | 0.30 | 81 | P 2 | TWD | 13 | VH2 | -0.72 | TEH | TEC | | | 48 | COLD | 600UL |
| 110 | 34 | 0.20 | 103 | P 5 | TWD | 12 | VH2 | +0.97 | VH2 | VH2 | | | 347 | HOT | 560P2 |
| | | 0.27 | 134 | P 2 | TWD | 13 | VH2 | +0.87 | TEC | TEH | | | 38 | HOT | 600UL |
| 110 | 50 | 0.26 | 90 | 2 | SAI | | 06H | +0.50 | 06H | 06H | 0.00 | | 241 | HOT | 580PP |
| 111 | 43 | 0.39 | 49 | P 2 | TWD | 18 | VH3 | -1.02 | TEC | TEH | | | 42 | HOT | 600UL |
| 111 | 47 | 0.24 | 127 | 2 | SAI | | 05H | +0.29 | 05H | 05H | 0.00 | | 235 | HOT | 580PP |
| | | 0.41 | 149 | P 2 | TWD | 17 | 05H | +0.27 | TEH | TEC | | | 45 | COLD | 600UL |
| 111 | 87 | 0.38 | 75 | P 2 | TWD | 17 | VC2 | +0.95 | TEH | TEC | | | 30 | COLD | 600UL |
| | | 0.15 | 99 | P 5 | TWD | 13 | VC2 | +0.95 | VC2 | VC2 | | | 163 | COLD | 560P2 |
| 111 | 89 | 0.37 | 84 | P 2 | TWD | 17 | 01H | +0.93 | TEH | TEC | | | 26 | COLD | 600UL |
| 111 | 99 | 0.17 | 102 | P 5 | TWD | 12 | 09C | +0.60 | 09C | 09C | | | 136 | COLD | 580PP |
| | | 0.44 | 81 | P 2 | TWD | 20 | 09C | +0.55 | TEH | TEC | | | 26 | COLD | 600UL |
| 111 | 137 | 0.42 | 87 | P 2 | TWD | 19 | VH2 | -0.87 | TEC | TEH | | | 46 | HOT | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.35 | 67 | P 2 | TWD | 16 | VH2 | +0.74 | TEC | TEH | | | 46 | HOT | 600UL |
| 112 | 38 | 0.12 | 106 | 2 | MAI | | 07H | -15.38 TO-21.03 | 07H | 07H | 0.00 | | 287 | HOT | 580PP |
| 112 | 72 | 0.35 | 24 | P 2 | TWD | 15 | VH3 | +0.84 | TEH | TEC | | | 51 | COLD | 600UL |
| 112 | 120 | 2.52 | 25 | 2 | SAI | | TSH | -15.78 | TSH | TSH | 3.12 | 17.87 | 297 | HOT | 580PP |
| 112 | 128 | 0.19 | 97 | P 2 | TWD | 8 | VH2 | +0.15 | TEH | TEC | | | 13 | COLD | 600UL |
| | | 0.20 | 85 | 2 | SAI | | VH2 | +0.31 | VH2 | VH2 | 0.26 | | 326 | HOT | 560P2 |
| 112 | 144 | 0.42 | 51 | P 3 | TWD | 19 | DBC | +2.19 | TEC | TEH | | | 46 | HOT | 600UL |
| | | 0.30 | 62 | P 5 | TWD | 15 | DBC | +2.25 | DBC | DBC | | | 166 | COLD | 560P2 |
| 113 | 53 | 0.23 | 74 | P 2 | TWD | 11 | VC2 | -0.55 | TEH | TEC | | | 47 | COLD | 600UL |
| 113 | 67 | 0.36 | 121 | P 2 | TWD | 15 | 09H | -1.08 | TEH | TEC | | | 52 | COLD | 600UL |
| 113 | 77 | 0.32 | 87 | P 2 | TWD | 12 | VC3 | +0.92 | TEH | TEC | | | 32 | COLD | 600UL |
| | | 0.16 | 80 | P 5 | TWD | 13 | VC3 | +0.92 | VC3 | VC3 | | | 163 | COLD | 560P2 |
| 113 | 105 | 0.28 | 26 | P 2 | TWD | 14 | VH2 | +0.88 | TEH | TEC | | | 20 | COLD | 600UL |
| | | 0.33 | 73 | P 2 | TWD | 16 | VH3 | +0.92 | TEH | TEC | | | 20 | COLD | 600UL |
| | | 0.14 | 82 | P 5 | TWD | 11 | VH3 | +1.11 | VH3 | VH3 | | | 326 | HOT | 560P2 |
| | | 0.22 | 89 | P 5 | TWD | 16 | VH2 | +1.02 | VH2 | VH2 | | | 326 | HOT | 560P2 |
| 113 | 125 | 0.18 | 92 | P 5 | TWD | 14 | 05H | -0.57 | 05H | 05H | | | 295 | HOT | 580PP |
| 113 | 131 | 0.31 | 109 | P 3 | TWD | 16 | DBH | +1.81 | TEC | TEH | | | 41 | HOT | 600UL |
| 114 | 34 | 0.30 | 8 | 2 | SAI | | TSH | -5.00 | TSH | TSH | 0.77 | 19.48 | 286 | HOT | 580PP |
| 114 | 36 | 0.21 | 129 | P 3 | TWD | 10 | DBC | -1.77 | TEC | TEH | | | 43 | HOT | 600UL |
| | | 0.17 | 84 | P 5 | TWD | 13 | DBC | -1.77 | DBC | DBC | | | 164 | COLD | 560P2 |
| 114 | 40 | 0.45 | 104 | P 5 | TWD | 26 | DBH | +1.81 | DBH | DBH | | | 347 | HOT | 560P2 |
| | | 0.50 | 99 | P 3 | TWD | 20 | DBH | +1.63 | TEC | TEH | | | 42 | HOT | 600UL |
| 114 | 48 | 0.44 | 45 | P 2 | TWD | 18 | 03H | +0.93 | TEH | TEC | | | 45 | COLD | 600UL |
| 114 | 56 | 0.19 | 82 | 2 | SAI | | 06H | +0.38 | 06H | 06H | 0.00 | | 241 | HOT | 580PP |
| 114 | 62 | 0.28 | 115 | P 5 | TWD | 17 | DBH | -1.81 | DBH | DBH | | | 347 | HOT | 560P2 |
| | | 0.30 | 129 | P 3 | TWD | 13 | DBH | -1.88 | TEH | TEC | | | 49 | COLD | 600UL |
| 114 | 88 | 0.38 | 25 | P 2 | TWD | 15 | 01H | +0.77 | TEH | TEC | | | 29 | COLD | 600UL |
| 114 | 136 | 0.30 | 89 | P 5 | TWD | 19 | VC3 | +0.84 | VC3 | VC3 | | | 166 | COLD | 560P2 |
| | | 0.28 | 147 | P 2 | TWD | 13 | VC3 | +0.85 | TEC | TEH | | | 40 | HOT | 600UL |
| 115 | 39 | 0.21 | 125 | P 5 | TWD | 13 | VH1 | +0.58 | VH1 | VH1 | | | 347 | HOT | 560P2 |
| | | 0.50 | 140 | P 2 | TWD | 21 | VH1 | +0.94 | TEC | TEH | | | 42 | HOT | 600UL |
| 115 | 123 | 0.27 | 41 | P 2 | TWD | 13 | VSM | +0.80 | TEH | TEC | | | 14 | COLD | 600UL |
| 115 | 139 | 0.24 | 110 | P 2 | TWD | 12 | VH1 | +0.96 | TEC | TEH | | | 46 | HOT | 600UL |
| 116 | 58 | 0.61 | 127 | P 2 | TWD | 22 | VH1 | -0.98 | TEH | TEC | | | 48 | COLD | 600UL |
| 116 | 60 | 0.20 | 145 | P 2 | TWD | 10 | VH1 | -1.01 | TEH | TEC | | | 49 | COLD | 600UL |
| 116 | 98 | 0.29 | 97 | P 2 | TWD | 14 | VC2 | -0.83 | TEH | TEC | | | 26 | COLD | 600UL |
| 116 | 106 | 0.35 | 16 | 2 | SAI | | TSH | -5.02 | TSH | TSH | 0.00 | 18.10 | 304 | HOT | 580PP |
| 116 | 122 | 0.57 | 27 | P 2 | TWD | 21 | VH1 | -0.98 | TEH | TEC | | | 17 | COLD | 600UL |
| 116 | 128 | 0.36 | 70 | P 2 | TWD | 14 | VH2 | -1.19 | TEH | TEC | | | 13 | COLD | 600UL |
| | | 0.34 | 33 | P 2 | TWD | 15 | 02H | +0.86 | TEH | TEC | | | 13 | COLD | 600UL |
| 116 | 130 | 0.22 | 159 | P 3 | TWD | 10 | DBH | -1.40 | TEC | TEH | | | 40 | HOT | 600UL |
| 116 | 136 | 0.28 | 67 | P 2 | TWD | 14 | VH1 | -1.09 | TEC | TEH | | | 41 | HOT | 600UL |
| | | 0.40 | 124 | P 2 | TWD | 18 | VH2 | -1.11 | TEC | TEH | | | 41 | HOT | 600UL |
| 117 | 73 | 0.36 | 61 | P 2 | TWD | 14 | 04H | +0.90 | TEH | TEC | | | 52 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 117 | 75 | 0.55 | 63 | P 2 | TWD | 24 | VH1 | -0.02 | TEH | TEC | | | 53 | COLD | 600UL |
| 117 | 129 | 0.22 | 77 | P 5 | TWD | 17 | 05H | -0.20 | 05H | 05H | | | 295 | HOT | 580PP |
| | | 0.39 | 133 | P 2 | TWD | 17 | 05H | -0.14 | TEH | TEC | | | 12 | COLD | 600UL |
| 118 | 56 | 0.39 | 55 | P 2 | TWD | 17 | VH1 | +0.79 | TEH | TEC | | | 47 | COLD | 600UL |
| 118 | 58 | 0.43 | 140 | P 2 | TWD | 18 | VH1 | -0.85 | TEH | TEC | | | 47 | COLD | 600UL |
| 118 | 70 | 0.52 | 50 | P 2 | TWD | 21 | VH1 | -0.64 | TEH | TEC | | | 51 | COLD | 600UL |
| 118 | 72 | 0.25 | 107 | 2 | SAI | | 04H | -7.40 TO-14.94 | 04H | 04H | .51 | | 248 | HOT | 580PP |
| 118 | 74 | 0.47 | 60 | P 2 | TWD | 21 | VH1 | -0.77 | TEH | TEC | | | 53 | COLD | 600UL |
| 118 | 106 | 0.46 | 152 | P 2 | TWD | 21 | VH1 | -0.75 | TEH | TEC | | | 20 | COLD | 600UL |
| 118 | 126 | 0.37 | 130 | P 2 | TWD | 17 | VH1 | +0.80 | TEH | TEC | | | 14 | COLD | 600UL |
| | | 0.39 | 138 | P 2 | TWD | 18 | VH1 | -0.78 | TEH | TEC | | | 14 | COLD | 600UL |
| 118 | 128 | 0.17 | 95 | P 5 | TWD | 11 | 05H | +0.55 | 05H | 05H | | | 294 | HOT | 580PP |
| | | 0.31 | 82 | P 2 | TWD | 14 | 05H | +0.65 | TEH | TEC | | | 12 | COLD | 600UL |
| 118 | 132 | 0.31 | 140 | P 2 | TWD | 14 | VH1 | -1.01 | TEC | TEH | | | 40 | HOT | 600UL |
| 118 | 138 | 0.11 | 176 | P 3 | TWD | 6 | DBH | +1.49 | TEC | TEH | | | 47 | HOT | 600UL |
| 119 | 69 | 0.57 | 118 | P 2 | TWD | 21 | 09H | -1.02 | TEH | TEC | | | 52 | COLD | 600UL |
| 119 | 79 | 0.68 | 115 | P 2 | TWD | 24 | VH3 | +0.85 | TEH | TEC | | | 32 | COLD | 600UL |
| | | 0.54 | 112 | P 5 | TWD | 24 | VH3 | +0.95 | VH3 | VH3 | | | 322 | HOT | 560P2 |
| 119 | 119 | 0.45 | 41 | P 2 | TWD | 18 | 10H | -1.14 | TEH | TEC | | LOCOK | 17 | COLD | 600UL |
| | | 0.25 | 83 | P 5 | TWD | 18 | 10H | -1.17 | 10H | DBH | | | 326 | HOT | 560P2 |
| 119 | 121 | 0.49 | 120 | P 2 | TWD | 19 | 10H | -1.09 | TEH | TEC | | LOCOK | 17 | COLD | 600UL |
| | | 0.32 | 92 | P 5 | TWD | 22 | 10H | -1.37 | 10H | DBH | | | 326 | HOT | 560P2 |
| 120 | 38 | 0.35 | 37 | P 2 | TWD | 17 | 10H | +1.25 | TEC | TEH | | | 42 | HOT | 600UL |
| 120 | 42 | 0.30 | 128 | P 2 | TWD | 15 | VH1 | -0.81 | TEC | TEH | | | 42 | HOT | 600UL |
| 120 | 50 | 0.19 | 128 | 2 | SAI | | 07H | -0.37 | 07H | 07H | 0.66 | | 240 | HOT | 580PP |
| 120 | 54 | 0.60 | 116 | P 2 | TWD | 23 | VH1 | -0.83 | TEH | TEC | | | 47 | COLD | 600UL |
| 120 | 62 | 0.41 | 127 | P 2 | TWD | 16 | VH1 | -0.90 | TEH | TEC | | | 50 | COLD | 600UL |
| 120 | 68 | 0.44 | 70 | P 2 | TWD | 17 | VH1 | -0.96 | TEH | TEC | | | 52 | COLD | 600UL |
| | | 0.14 | 110 | P 5 | TWD | 7 | VH1 | -0.80 | VH1 | VH1 | | | 347 | HOT | 560P2 |
| 120 | 70 | 0.35 | 124 | P 2 | TWD | 14 | VH1 | -0.89 | TEH | TEC | | | 52 | COLD | 600UL |
| 120 | 72 | 0.41 | 101 | P 5 | TWD | 21 | 10H | -1.03 | 10H | 10H | | | 249 | HOT | 580PP |
| | | 0.45 | 146 | P 2 | TWD | 19 | VH1 | -0.72 | TEH | TEC | | | 51 | COLD | 600UL |
| | | 0.54 | 128 | P 2 | TWD | 21 | 10H | -1.09 | TEH | TEC | | | 51 | COLD | 600UL |
| 120 | 74 | 0.49 | 111 | P 2 | TWD | 22 | VH1 | -0.64 | TEH | TEC | | | 53 | COLD | 600UL |
| | | 0.65 | 105 | P 2 | TWD | 26 | 10H | -1.54 | TEH | TEC | | LOCOK | 53 | COLD | 600UL |
| 120 | 88 | 0.35 | 77 | P 2 | TWD | 17 | VH1 | -0.75 | TEH | TEC | | | 28 | COLD | 600UL |
| 120 | 98 | 0.42 | 30 | P 2 | TWD | 19 | VH1 | -0.79 | TEH | TEC | | | 26 | COLD | 600UL |
| 121 | 39 | 0.28 | 41 | P 2 | TWD | 14 | 10H | -1.83 | TEC | TEH | | LOCOK | 42 | HOT | 600UL |
| 121 | 45 | 0.60 | 144 | P 2 | TWD | 24 | VC2 | -0.57 | TEC | TEH | | | 44 | HOT | 600UL |
| 121 | 57 | 0.23 | 85 | P 5 | TWD | 16 | 10C | -1.57 | 10C | 10C | | LOCOK | 136 | COLD | 580PP |
| | | 0.45 | 106 | P 2 | TWD | 17 | 10C | -1.32 | TEH | TEC | | LOCOK | 48 | COLD | 600UL |
| 121 | 67 | 0.49 | 100 | P 2 | TWD | 19 | 09H | -1.00 | TEH | TEC | | | 52 | COLD | 600UL |
| 121 | 83 | 0.57 | 116 | P 2 | TWD | 21 | VC3 | -0.90 | TEH | TEC | | | 31 | COLD | 600UL |
| | | 0.25 | 83 | P 5 | TWD | 19 | VC3 | -0.91 | VC3 | VC3 | | | 163 | COLD | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 121 | 109 | 0.62 | 79 | P 2 | TWD | 25 | 10H | -1.51 | TEH | TEC | LAR | LOCOK | 18 | COLD | 600UL |
| | | 0.17 | 128 | P 5 | TWD | 13 | 10H | +1.00 | 10H | 10H | | | 301 | HOT | 580PP |
| | | 0.22 | 90 | P 5 | TWD | 17 | 10H | -1.54 | 10H | 10H | | | 301 | HOT | 580PP |
| 122 | 52 | 0.48 | 116 | P 2 | TWD | 19 | VH1 | -0.85 | TEH | TEC | | | 47 | COLD | 600UL |
| 122 | 88 | 0.28 | 64 | P 2 | TWD | 12 | VH1 | +0.77 | TEH | TEC | | | 29 | COLD | 600UL |
| 122 | 118 | 0.43 | 120 | P 2 | TWD | 17 | VH1 | -0.94 | TEH | TEC | | | 17 | COLD | 600UL |
| | | 0.35 | 68 | P 2 | TWD | 15 | VH2 | +0.77 | TEH | TEC | | | 17 | COLD | 600UL |
| 122 | 126 | 0.45 | 107 | P 2 | TWD | 20 | VH3 | +1.21 | TEH | TEC | | | 14 | COLD | 600UL |
| 123 | 61 | 0.43 | 28 | P 2 | TWD | 19 | 03H | -0.77 | TEH | TEC | | | 49 | COLD | 600UL |
| 123 | 117 | 0.57 | 82 | P 2 | TWD | 21 | 03H | +0.82 | TEH | TEC | | | 17 | COLD | 600UL |
| | | 0.27 | 145 | P 3 | TWD | 12 | DBH | -1.63 | TEH | TEC | | | 17 | COLD | 600UL |
| | | 0.22 | 86 | P 5 | TWD | 16 | DBH | -1.63 | DBH | DBH | | | 326 | HOT | 560P2 |
| 123 | 121 | 0.30 | 85 | P 2 | TWD | 13 | VH1 | -0.85 | TEH | TEC | | | 17 | COLD | 600UL |
| 124 | 42 | 0.25 | 102 | P 2 | TWD | 12 | VH1 | -1.04 | TEC | TEH | | | 43 | HOT | 600UL |
| 124 | 54 | 0.55 | 102 | P 2 | TWD | 21 | VH1 | -0.81 | TEH | TEC | | | 47 | COLD | 600UL |
| 124 | 56 | 0.66 | 116 | P 2 | TWD | 23 | VH1 | -0.83 | TEH | TEC | | | 48 | COLD | 600UL |
| 124 | 68 | 0.40 | 130 | P 2 | TWD | 16 | VH1 | -0.96 | TEH | TEC | | | 52 | COLD | 600UL |
| 124 | 98 | 0.51 | 13 | P 3 | TWD | 20 | DBH | +2.14 | TEH | TEC | | | 26 | COLD | 600UL |
| | | 0.24 | 107 | P 5 | TWD | 12 | DBH | +1.59 | DBH | DBH | | | 322 | HOT | 560P2 |
| 125 | 49 | 0.33 | 94 | P 2 | TWD | 17 | 03H | -0.82 | TEH | TEC | | | 46 | COLD | 600UL |
| 125 | 53 | 0.37 | 119 | P 2 | TWD | 16 | VH1 | -0.85 | TEH | TEC | | | 47 | COLD | 600UL |
| | | 0.34 | 112 | P 5 | TWD | 18 | VH1 | -0.85 | VH1 | VH1 | | | 327 | HOT | 560P2 |
| 125 | 55 | 0.30 | 116 | P 3 | TWD | 12 | DBH | +1.85 | TEH | TEC | | | 48 | COLD | 600UL |
| | | 0.65 | 93 | P 5 | TWD | 28 | DBH | +2.00 | DBH | DBH | | | 327 | HOT | 560P2 |
| 125 | 77 | 0.27 | 52 | P 2 | TWD | 12 | VH1 | -0.83 | TEH | TEC | | | 33 | COLD | 600UL |
| | | 0.33 | 93 | P 2 | TWD | 14 | VH1 | +0.79 | TEH | TEC | | | 33 | COLD | 600UL |
| | | 0.38 | 111 | P 5 | TWD | 18 | VH1 | +0.68 | VH1 | VH1 | | | 322 | HOT | 560P2 |
| 125 | 97 | 0.25 | 80 | P 2 | TWD | 13 | VH3 | +0.79 | TEH | TEC | | | 26 | COLD | 600UL |
| 125 | 111 | 0.29 | 141 | P 3 | TWD | 13 | DBH | +1.84 | TEH | TEC | | | 19 | COLD | 600UL |
| | | 0.29 | 92 | P 5 | TWD | 20 | DBH | +1.84 | DBH | DBH | | | 326 | HOT | 560P2 |
| 125 | 119 | 0.30 | 74 | P 3 | TWD | 12 | DBH | +1.75 | TEH | TEC | | | 16 | COLD | 600UL |
| | | 0.31 | 95 | P 5 | TWD | 21 | DBH | +1.75 | DBH | DBH | | | 326 | HOT | 560P2 |
| 125 | 121 | 0.41 | 142 | P 2 | TWD | 18 | VH1 | -0.82 | TEH | TEC | | | 16 | COLD | 600UL |
| 126 | 48 | 0.66 | 115 | P 2 | TWD | 24 | VH1 | -1.23 | TEH | TEC | | | 45 | COLD | 600UL |
| 126 | 50 | 0.36 | 122 | P 2 | TWD | 16 | VH1 | -0.98 | TEH | TEC | | | 45 | COLD | 600UL |
| 126 | 52 | 0.33 | 123 | P 2 | TWD | 15 | VH1 | -1.05 | TEH | TEC | | | 47 | COLD | 600UL |
| 126 | 56 | 0.57 | 114 | P 2 | TWD | 22 | VH1 | -1.01 | TEH | TEC | | | 47 | COLD | 600UL |
| 126 | 102 | 0.31 | 126 | P 3 | TWD | 14 | DBH | -1.58 | TEH | TEC | | | 20 | COLD | 600UL |
| | | 0.29 | 83 | P 5 | TWD | 20 | DBH | -1.58 | DBH | DBH | | | 326 | HOT | 560P2 |
| 126 | 108 | 0.20 | 151 | P 3 | TWD | 10 | DBH | -1.48 | TEH | TEC | | | 21 | COLD | 600UL |
| | | 0.24 | 90 | P 5 | TWD | 17 | DBH | -1.48 | DBH | DBH | | | 326 | HOT | 560P2 |
| 126 | 112 | 0.28 | 134 | 2 | SAI | | 07H | +0.47 | 07H | 07H | 0.00 | | 301 | HOT | 580PP |
| 126 | 118 | 0.36 | 34 | P 2 | TWD | 15 | VH2 | -0.19 | TEH | TEC | | | 17 | COLD | 600UL |
| | | 0.34 | 30 | P 2 | TWD | 14 | 06C | +1.20 | TEH | TEC | | | 17 | COLD | 600UL |
| 126 | 120 | 0.39 | 113 | P 2 | TWD | 16 | VH1 | -1.07 | TEH | TEC | | | 16 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 122 | 0.47 | 65 | P 2 | TWD | 19 | VH1 | -1.12 | TEH | TEC | | | 16 | COLD | 600UL |
| 126 | 124 | 0.55 | 116 | P 2 | TWD | 23 | VH1 | -1.13 | TEH | TEC | | | 14 | COLD | 600UL |
| 126 | 126 | 0.42 | 116 | P 2 | TWD | 19 | VH1 | -1.20 | TEH | TEC | | | 14 | COLD | 600UL |
| 127 | 89 | 0.39 | 45 | P 2 | TWD | 18 | VH1 | -0.79 | TEH | TEC | | | 26 | COLD | 600UL |
| 127 | 115 | 0.19 | 115 | 2 | MAI | | 07H | -30.70 TO-10.30 | 07H | 07H | 0.22 | | 300 | HOT | 580PP |
| 127 | 123 | 0.34 | 123 | P 2 | TWD | 16 | 09C | -1.17 | TEH | TEC | | | 14 | COLD | 600UL |
| 128 | 56 | 0.28 | 166 | P 3 | TWD | 12 | DBH | +2.03 | TEH | TEC | | | 70 | COLD | 600UL |
| | | 0.41 | 150 | P 2 | TWD | 19 | VH1 | -0.84 | TEH | TEC | | | 70 | COLD | 600UL |
| | | 0.57 | 92 | P 5 | TWD | 25 | DBH | +1.59 | DBH | DBH | | | 327 | HOT | 560P2 |
| 128 | 70 | 0.38 | 115 | P 2 | TWD | 15 | VH1 | -0.88 | TEH | TEC | | | 52 | COLD | 600UL |
| 128 | 72 | 0.24 | 105 | P 5 | TWD | 14 | 10H | -1.00 | 10H | 10H | | | 249 | HOT | 580PP |
| | | 0.32 | 95 | P 5 | TWD | 17 | 10H | +0.88 | 10H | 10H | | | 249 | HOT | 580PP |
| | | 0.43 | 146 | P 2 | TWD | 18 | 10H | +0.95 | TEH | TEC | | | 51 | COLD | 600UL |
| | | 0.50 | 136 | P 2 | TWD | 20 | 10H | -1.15 | TEH | TEC | | | 51 | COLD | 600UL |
| 128 | 116 | 0.34 | 117 | P 2 | TWD | 16 | VH1 | -0.63 | TEH | TEC | | | 18 | COLD | 600UL |
| | | 0.42 | 149 | P 2 | TWD | 19 | VH1 | +0.70 | TEH | TEC | | | 18 | COLD | 600UL |
| 129 | 47 | 0.26 | 98 | P 5 | TWD | 17 | 10H | +0.76 | 10H | 10H | | | 292 | HOT | 580PP |
| | | 0.40 | 144 | P 2 | TWD | 17 | 10H | +0.77 | TEH | TEC | | | 45 | COLD | 600UL |
| 129 | 49 | 0.45 | 76 | P 2 | TWD | 21 | VH1 | -0.80 | TEH | TEC | | | 46 | COLD | 600UL |
| | | 0.31 | 89 | P 2 | TWD | 16 | VH1 | +0.84 | TEH | TEC | | | 46 | COLD | 600UL |
| | | 0.29 | 101 | P 2 | TWD | 15 | VC1 | +0.84 | TEH | TEC | | | 46 | COLD | 600UL |
| | | 0.35 | 92 | P 5 | TWD | 17 | VH1 | +0.92 | VH1 | VH1 | | | 327 | HOT | 560P2 |
| | | 0.42 | 113 | P 5 | TWD | 20 | VH1 | -0.95 | VH1 | VH1 | | | 327 | HOT | 560P2 |
| 129 | 73 | 0.20 | 31 | P 3 | TWD | 9 | DBH | +1.91 | TEH | TEC | | | 53 | COLD | 600UL |
| | | 0.32 | 85 | P 5 | TWD | 17 | DBH | +1.91 | DBH | DBH | | | 327 | HOT | 560P2 |
| 129 | 89 | 0.34 | 99 | P 2 | TWD | 14 | VH2 | +0.86 | TEH | TEC | | | 27 | COLD | 600UL |
| | | 0.35 | 121 | P 5 | TWD | 17 | VH2 | +0.92 | VH2 | VH2 | | | 322 | HOT | 560P2 |
| | | 0.29 | 121 | P 5 | TWD | 15 | VH2 | -0.79 | VH2 | VH2 | | | 322 | HOT | 560P2 |
| 129 | 109 | 0.43 | 153 | P 2 | TWD | 19 | 10H | -1.02 | TEH | TEC | | | 18 | COLD | 600UL |
| | | 0.29 | 104 | P 5 | TWD | 21 | 10H | -1.02 | 10H | 10H | | | 301 | HOT | 580PP |
| 130 | 48 | 0.35 | 103 | P 5 | TWD | 21 | 02C | -0.15 | 02C | 02C | | | 136 | COLD | 580PP |
| | | 0.41 | 65 | P 2 | TWD | 17 | 02C | -0.17 | TEH | TEC | | | 45 | COLD | 600UL |
| 130 | 52 | 0.50 | 131 | P 2 | TWD | 20 | VH1 | -0.84 | TEH | TEC | | | 47 | COLD | 600UL |
| 130 | 54 | 0.64 | 78 | P 2 | TWD | 24 | VH1 | -0.81 | TEH | TEC | | | 47 | COLD | 600UL |
| 130 | 56 | 0.39 | 150 | P 2 | TWD | 17 | VH1 | -0.95 | TEH | TEC | | | 47 | COLD | 600UL |
| 130 | 60 | 0.42 | 93 | P 2 | TWD | 18 | VH1 | -0.83 | TEH | TEC | | | 49 | COLD | 600UL |
| 130 | 64 | 0.48 | 117 | P 2 | TWD | 20 | VH1 | -0.96 | TEH | TEC | | | 49 | COLD | 600UL |
| 130 | 74 | 0.37 | 60 | P 2 | TWD | 18 | 10H | +0.93 | TEH | TEC | | | 53 | COLD | 600UL |
| | | 0.21 | 91 | P 5 | TWD | 13 | 10H | +0.87 | 10H | 10H | | | 253 | HOT | 580PP |
| 130 | 78 | 0.34 | 114 | P 5 | TWD | 22 | 10H | -1.05 | 10H | 10H | | | 289 | HOT | 580PP |
| 130 | 94 | 0.37 | 136 | P 2 | TWD | 17 | VH1 | -0.59 | TEH | TEC | | | 26 | COLD | 600UL |
| | | 0.42 | 117 | P 2 | TWD | 19 | VH1 | +0.59 | TEH | TEC | | | 26 | COLD | 600UL |
| 130 | 110 | 0.35 | 81 | P 2 | TWD | 16 | VH1 | -0.80 | TEH | TEC | | | 18 | COLD | 600UL |
| 131 | 79 | 0.28 | 103 | 2 | SAI | | 07H | -0.61 | 07H | 07H | .41 | | 296 | HOT | 580PP |
| 132 | 56 | 0.50 | 69 | P 2 | TWD | 19 | VH1 | -0.88 | TEH | TEC | | | 57 | COLD | 600UL |
| 132 | 106 | 0.64 | 112 | P 2 | TWD | 23 | 10H | -1.16 | TEH | TEC | | | 23 | COLD | 600UL |
| | | 0.24 | 128 | P 5 | TWD | 19 | 10H | -1.06 | 10H | 10H | | | 302 | HOT | 580PP |
| 132 | 116 | 0.44 | 149 | P 2 | TWD | 17 | VH1 | -0.80 | TEH | TEC | | | 23 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 132 | 122 | 0.48 | 91 | P 2 | TWD | 19 | VH1 | -0.69 | TEH | TEC | | | 23 | COLD | 600UL |
| 133 | 55 | 0.24 | 63 | P 2 | TWD | 10 | 02H | +0.23 | TEH | TEC | | | 57 | COLD | 600UL |
| | | 0.15 | 75 | P 5 | TWD | 11 | 02H | +0.30 | 02H | 02H | | | 293 | HOT | 580PP |
| 133 | 81 | 0.20 | 100 | P 5 | TWD | 22 | VH1 | +0.93 | VH1 | VH1 | | | 313 | HOT | 560P2 |
| | | 0.45 | 119 | P 2 | TWD | 17 | VH1 | +1.00 | TEH | TEC | | | 25 | COLD | 600UL |
| 133 | 119 | 0.53 | 82 | P 2 | TWD | 22 | VH1 | +0.84 | TEH | TEC | | | 22 | COLD | 600UL |
| | | 0.30 | 93 | P 5 | TWD | 15 | VH1 | +0.84 | VH1 | VH1 | | | 322 | HOT | 560P2 |
| 133 | 125 | 0.31 | 61 | P 2 | TWD | 15 | 01C | +0.82 | TEH | TEC | | | 22 | COLD | 600UL |
| | | 0.18 | 112 | P 5 | TWD | 13 | 01C | +0.94 | 01C | 01C | | | 136 | COLD | 580PP |
| 134 | 52 | 0.26 | 113 | P 2 | TWD | 11 | VH1 | -0.74 | TEH | TEC | | | 58 | COLD | 600UL |
| 134 | 58 | 0.40 | 84 | P 2 | TWD | 16 | VH1 | -0.84 | TEH | TEC | | | 58 | COLD | 600UL |
| 134 | 64 | 0.32 | 94 | P 2 | TWD | 13 | VH3 | -0.92 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.35 | 134 | P 2 | TWD | 14 | VC3 | -0.84 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.13 | 84 | P 5 | TWD | 15 | VH3 | -0.90 | VH3 | VH3 | | | 313 | HOT | 560P2 |
| | | 0.35 | 117 | P 5 | TWD | 16 | VC3 | -0.84 | VC3 | VC3 | | | 165 | COLD | 560P2 |
| 134 | 66 | 0.48 | 95 | P 2 | TWD | 18 | VH1 | -0.78 | TEH | TEC | | | 58 | COLD | 600UL |
| 134 | 76 | 0.33 | 55 | P 2 | TWD | 14 | VH1 | -0.77 | TEH | TEC | | | 25 | COLD | 600UL |
| 134 | 80 | 0.15 | 82 | P 5 | TWD | 18 | DBH | +1.90 | DBH | DBH | | | 313 | HOT | 560P2 |
| | | 0.50 | 7 | P 3 | TWD | 20 | DBH | +1.95 | TEH | TEC | LAR | | 25 | COLD | 600UL |
| 134 | 88 | 0.38 | 59 | P 2 | TWD | 15 | VH1 | +0.79 | TEH | TEC | | | 25 | COLD | 600UL |
| 134 | 92 | 0.22 | 126 | P 2 | TWD | 9 | VH1 | -0.84 | TEH | TEC | | | 25 | COLD | 600UL |
| 134 | 116 | 0.49 | 155 | P 2 | TWD | 21 | VH1 | -0.75 | TEH | TEC | | | 22 | COLD | 600UL |
| 134 | 124 | 0.19 | 130 | P 2 | TWD | 9 | VC3 | +0.62 | 01C | TEH | | | 140 | HOT | 600UL |
| | | 0.31 | 113 | P 5 | TWD | 15 | VC3 | +0.74 | VC3 | VC3 | | | 165 | COLD | 560P2 |
| 135 | 71 | 0.22 | 117 | P 3 | TWD | 11 | DBH | -1.84 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.23 | 87 | P 5 | TWD | 24 | DBH | -1.97 | DBH | DBH | | | 313 | HOT | 560P2 |
| 135 | 101 | 0.22 | 118 | 2 | SAI | | 07H | -0.47 | 07H | 07H | 0.49 | | 299 | HOT | 580PP |
| | | 0.41 | 137 | P 2 | TWD | 19 | 07H | -0.38 | TEH | TEC | | | 22 | COLD | 600UL |
| 136 | 68 | 0.42 | 41 | P 2 | TWD | 17 | VH1 | -0.91 | TEH | TEC | | | 57 | COLD | 600UL |
| | | 0.18 | 94 | P 5 | TWD | 20 | VH1 | -0.84 | VH1 | VH1 | | | 313 | HOT | 560P2 |
| 136 | 76 | 0.39 | 12 | P 3 | TWD | 16 | DBH | +2.14 | TEH | TEC | | | 24 | COLD | 600UL |
| | | 0.30 | 83 | P 5 | TWD | 16 | DBH | +2.00 | DBH | DBH | | | 313 | HOT | 560P2 |
| 136 | 78 | 0.19 | 89 | P 5 | TWD | 21 | DBH | +1.76 | DBH | DBH | | | 313 | HOT | 560P2 |
| | | 0.28 | 116 | P 3 | TWD | 13 | DBH | +1.81 | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.31 | 39 | P 2 | TWD | 14 | VH1 | +0.81 | TEH | TEC | | | 25 | COLD | 600UL |
| 136 | 88 | 0.24 | 92 | P 2 | TWD | 12 | 06H | +0.72 | TEH | TEC | | | 24 | COLD | 600UL |
| | | 0.15 | 122 | 2 | SAI | | 06H | +0.48 | 06H | 06H | | | 299 | HOT | 580PP |
| 136 | 90 | 0.28 | 69 | P 2 | TWD | 12 | VH1 | +0.79 | TEH | TEC | | | 25 | COLD | 600UL |
| 136 | 110 | 0.22 | 35 | P 2 | TWD | 10 | VH1 | -1.01 | TEH | TEC | | | 23 | COLD | 600UL |
| 137 | 69 | 0.30 | 47 | P 2 | TWD | 13 | VH1 | +0.62 | TEH | TEC | | | 57 | COLD | 600UL |
| | | 0.40 | 95 | P 5 | TWD | 20 | VH1 | +0.72 | VH1 | VH1 | | | 313 | HOT | 560P2 |
| 137 | 71 | 0.34 | 88 | P 3 | TWD | 14 | DBH | -1.73 | TEH | TEC | | | 57 | COLD | 600UL |
| | | 0.25 | 102 | P 5 | TWD | 26 | DBH | -1.71 | DBH | DBH | | | 313 | HOT | 560P2 |
| 137 | 117 | 0.53 | 107 | P 3 | TWD | 20 | DBH | +1.55 | TEH | TEC | | | 22 | COLD | 600UL |
| | | 0.42 | 114 | P 2 | TWD | 19 | VH1 | -0.88 | TEH | TEC | | | 22 | COLD | 600UL |
| | | 0.62 | 108 | P 5 | TWD | 26 | DBH | +1.67 | DBH | DBH | ATC | | 322 | HOT | 560P2 |
| | | 0.28 | 108 | P 5 | TWD | 14 | VH1 | -0.88 | VH1 | VH1 | | | 322 | HOT | 560P2 |
| 138 | 58 | 0.41 | 34 | P 3 | TWD | 17 | DBH | +1.82 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.15 | 63 | P 5 | TWD | 18 | DBH | +2.15 | DBH | DBH | | | 313 | HOT | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138 | 64 | 0.34 | 126 | P 2 | TWD | 14 | 10H | +0.80 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.15 | 102 | P 5 | TWD | 11 | 10H | +0.68 | 10H | 10H | | | 293 | HOT | 580PP |
| 138 | 68 | 0.26 | 63 | P 2 | TWD | 11 | VH2 | -0.84 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.31 | 28 | P 2 | TWD | 13 | VH2 | +0.86 | TEH | TEC | | | 58 | COLD | 600UL |
| 138 | 76 | 0.66 | 93 | P 5 | TWD | 29 | DBH | +2.00 | DBH | VH1 | | | 313 | HOT | 560P2 |
| | | 0.77 | 14 | P 3 | TWD | 27 | DBH | +2.00 | TEH | TEC | LAR | | 25 | COLD | 600UL |
| 138 | 80 | 0.22 | 60 | P 2 | TWD | 11 | VH1 | -0.88 | TEH | TEC | | | 24 | COLD | 600UL |
| | | 0.13 | 79 | P 5 | TWD | 15 | VH1 | -0.66 | VH1 | VH1 | | | 313 | HOT | 560P2 |
| 138 | 86 | 0.20 | 101 | 2 | SAI | | 06H | -0.24 | 06H | 06H | 0.00 | | 299 | HOT | 580PP |
| 138 | 92 | 0.51 | 36 | P 2 | TWD | 20 | 07C | +1.25 | TEH | TEC | | | 25 | COLD | 600UL |
| 138 | 102 | 0.42 | 115 | P 2 | TWD | 19 | VH1 | -0.63 | TEH | TEC | | | 22 | COLD | 600UL |
| 138 | 104 | 0.55 | 150 | P 2 | TWD | 23 | VH1 | -0.65 | TEH | TEC | | | 22 | COLD | 600UL |
| 138 | 110 | 0.31 | 11 | 2 | SAI | | TSH | -4.26 | TSH | TSH | 0.0 | 18.03 | 302 | HOT | 580PP |
| 139 | 61 | 0.22 | 112 | P 5 | TWD | 15 | 09C | -0.99 | 09C | 09C | | | 136 | COLD | 580PP |
| | | 0.26 | 121 | P 2 | TWD | 11 | 09C | -1.06 | TEH | TEC | | | 58 | COLD | 600UL |
| 139 | 103 | 0.56 | 106 | P 2 | TWD | 21 | VH2 | +0.88 | TEH | TEC | | | 23 | COLD | 600UL |
| | | 0.50 | 105 | P 5 | TWD | 23 | VH2 | +0.88 | VH2 | VH2 | | | 322 | HOT | 560P2 |
| 139 | 115 | 0.31 | 144 | P 3 | TWD | 13 | DBH | +1.32 | TEH | TEC | | | 22 | COLD | 600UL |
| | | 0.41 | 106 | P 5 | TWD | 26 | DBH | +0.29 TO+1.93 | DBH | DBH | | | 322 | HOT | 560P2 |
| 140 | 76 | 0.38 | 78 | P 2 | TWD | 18 | VH1 | -0.81 | TEH | TEC | | | 24 | COLD | 600UL |
| 140 | 90 | 0.34 | 53 | P 2 | TWD | 14 | VH1 | -0.83 | TEH | TEC | | | 25 | COLD | 600UL |
| 140 | 96 | 0.46 | 123 | P 2 | TWD | 20 | VH1 | -0.98 | TEH | TEC | | | 22 | COLD | 600UL |
| 140 | 100 | 0.24 | 88 | P 2 | TWD | 10 | VC1 | +0.91 | TEH | TEC | | | 23 | COLD | 600UL |
| 140 | 112 | 0.35 | 89 | P 5 | TWD | 22 | DBC | +1.80 | DBC | DBC | | | 165 | COLD | 560P2 |
| | | 0.33 | 134 | P 3 | TWD | 13 | DBC | +1.69 | TEH | TEC | | | 22 | COLD | 600UL |
| 141 | 67 | 0.33 | 92 | P 2 | TWD | 13 | 09C | -1.08 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.24 | 105 | P 5 | TWD | 16 | 09C | -1.01 | 09C | 09C | | | 136 | COLD | 580PP |
| 141 | 77 | 0.27 | 129 | P 2 | TWD | 12 | VH1 | +0.83 | TEH | TEC | | | 25 | COLD | 600UL |
| 141 | 89 | 0.37 | 90 | P 2 | TWD | 15 | VH1 | -0.66 | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.26 | 95 | P 5 | TWD | 13 | VH1 | -0.46 | VH1 | VH1 | | | 317 | HOT | 560P2 |
| 141 | 103 | 0.20 | 106 | P 5 | TWD | 14 | VH3 | -1.03 | VH3 | VH3 | | | 322 | HOT | 560P2 |
| | | 0.33 | 98 | P 2 | TWD | 16 | VH3 | -0.85 | TEH | TEC | | | 22 | COLD | 600UL |
| 141 | 109 | 0.49 | 76 | P 2 | TWD | 19 | VH3 | -0.02 | TEH | TEC | | | 23 | COLD | 600UL |
| | | 0.18 | 101 | P 5 | TWD | 13 | VH3 | -0.02 | VH3 | VH3 | | | 322 | HOT | 560P2 |
| 142 | 72 | 0.40 | 98 | P 3 | TWD | 17 | DBC | +1.20 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.64 | 106 | P 5 | TWD | 28 | DBC | +1.74 | DBC | DBC | | | 165 | COLD | 560P2 |
| 142 | 86 | 1.09 | 15 | P 1 | SCI | | TSH | -0.88 | TSH | TSH | 1.76 | 18.60 | 299 | HOT | 580PP |
| | | 0.31 | 99 | P 2 | TWD | 13 | VH1 | -0.85 | TEH | TEC | | | 25 | COLD | 600UL |
| 142 | 88 | 0.30 | 62 | P 2 | TWD | 12 | VH1 | -0.81 | TEH | TEC | | | 25 | COLD | 600UL |
| 142 | 92 | 0.47 | 121 | P 2 | TWD | 18 | VH1 | -0.88 | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.35 | 114 | P 5 | TWD | 17 | VH1 | -0.78 | VH1 | VH1 | | | 317 | HOT | 560P2 |
| 143 | 71 | 0.24 | 117 | P 2 | TWD | 10 | VH2 | -0.92 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.54 | 94 | P 2 | TWD | 20 | VH1 | -0.84 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.50 | 93 | P 2 | TWD | 19 | VH1 | +0.64 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.61 | 167 | P 3 | TWD | 23 | DBH | +1.82 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.45 | 78 | P 5 | TWD | 36 | DBH | +1.28 | DBH | VH2 | | | 313 | HOT | 560P2 |
| | | 0.16 | 83 | P 5 | TWD | 18 | VH1 | +0.71 | DBH | VH2 | | | 313 | HOT | 560P2 |
| | | 0.24 | 87 | P 5 | TWD | 25 | VH1 | -0.71 | DBH | VH2 | | | 313 | HOT | 560P2 |
| | | 0.21 | 91 | P 5 | TWD | 12 | VH2 | -0.90 | DBH | VH2 | | | 313 | HOT | 560P2 |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 73 | 0.42 | 103 | P 5 | TWD | 20 | VC2 -0.87 | VC2 | VC2 | | | 166 | COLD | 560P2 |
| | | 0.37 | 99 | P 5 | TWD | 23 | VC1 -0.89 | VC1 | VC1 | | | 166 | COLD | 560P2 |
| | | 0.86 | 99 | P 5 | TWD | 35 | DBC -1.49 | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.34 | 103 | P 5 | TWD | 17 | DBC +1.76 | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.39 | 109 | P 2 | TWD | 15 | VH1 +0.84 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.46 | 87 | P 2 | TWD | 18 | VC2 -0.88 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.61 | 121 | P 2 | TWD | 22 | VC1 -0.84 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.45 | 120 | P 3 | TWD | 19 | DBC -1.42 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.24 | 76 | P 3 | TWD | 11 | DBC +1.88 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.11 | 95 | P 5 | TWD | 14 | VH1 +0.16 | VH1 | VH1 | | | 313 | HOT | 560P2 |
| 143 | 81 | 0.30 | 110 | P 5 | TWD | 15 | VC1 -0.93 | VC1 | VC1 | | | 166 | COLD | 560P2 |
| | | 0.26 | 33 | P 2 | TWD | 13 | VC1 -0.81 | TEH | TEC | | | 24 | COLD | 600UL |
| 143 | 87 | 0.31 | 91 | P 2 | TWD | 15 | 10C +0.86 | TEH | TEC | | | 24 | COLD | 600UL |
| | | 0.55 | 81 | P 3 | TWD | 21 | DBC +1.77 | TEH | TEC | | | 24 | COLD | 600UL |
| | | 0.17 | 91 | P 5 | TWD | 12 | 10C +0.91 | 10C | 10C | | | 136 | COLD | 580PP |
| | | 0.33 | 110 | P 5 | TWD | 16 | DBC -1.77 | DBC | DBC | | | 165 | COLD | 560P2 |
| | | 0.78 | 102 | P 5 | TWD | 32 | DBC +1.91 | DBC | DBC | | | 165 | COLD | 560P2 |
| 143 | 103 | 0.64 | 74 | P 3 | TWD | 24 | DBH +1.60 | TEH | TEC | | | 23 | COLD | 600UL |
| | | 0.86 | 97 | P 5 | TWD | 40 | DBH +1.70 | DBH | DBH | | | 322 | HOT | 560P2 |
| 143 | 109 | 0.72 | 106 | P 5 | TWD | 30 | DBC -1.79 | DBC | DBC | | | 165 | COLD | 560P2 |
| | | 0.53 | 79 | P 3 | TWD | 19 | DBC -1.91 | TEH | TEC | | | 22 | COLD | 600UL |
| 144 | 74 | 0.73 | 102 | P 5 | TWD | 31 | VC1 +1.01 | VC1 | VC1 | | | 166 | COLD | 560P2 |
| | | 0.61 | 107 | P 5 | TWD | 27 | DBC -1.56 | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 1.07 | 102 | P 2 | TWD | 31 | VC1 +0.94 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.62 | 58 | P 3 | TWD | 23 | DBH +1.84 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.34 | 98 | P 3 | TWD | 15 | DBC -1.56 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.84 | 98 | P 5 | TWD | 34 | DBH +1.53 | DBH | DBH | | | 313 | HOT | 560P2 |
| 144 | 78 | 0.24 | 103 | P 5 | TWD | 12 | VC1 +0.91 | VC1 | VC1 | | | 166 | COLD | 560P2 |
| | | 0.28 | 131 | P 2 | TWD | 14 | VC1 +0.83 | TEH | TEC | | | 24 | COLD | 600UL |
| 144 | 84 | 0.50 | 106 | P 5 | TWD | 23 | DBC -1.90 | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.32 | 112 | P 5 | TWD | 16 | DBC +1.83 | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 0.22 | 89 | P 3 | TWD | 10 | DBC -1.63 | TEH | TEC | | | 24 | COLD | 600UL |
| 144 | 90 | 0.24 | 115 | P 2 | TWD | 10 | VH1 -0.83 | TEH | TEC | | | 25 | COLD | 600UL |
| 144 | 102 | 0.56 | 114 | P 5 | TWD | 24 | DBH -1.90 | DBH | DBH | ATC | | 322 | HOT | 560P2 |
| | | 0.33 | 135 | P 3 | TWD | 14 | DBH -1.59 | TEH | TEC | | | 22 | COLD | 600UL |
| 145 | 75 | 0.74 | 151 | P 3 | TWD | 26 | DBH +1.89 | TEH | TEC | | | 58 | COLD | 600UL |
| | | 0.40 | 86 | P 5 | TWD | 34 | DBH +2.12 | DBH | DBH | | | 313 | HOT | 560P2 |
| 145 | 81 | 0.26 | 87 | P 5 | TWD | 26 | DBH +1.61 | DBH | DBH | | | 313 | HOT | 560P2 |
| | | 0.36 | 90 | P 5 | TWD | 32 | VH1 +0.96 | VH1 | VH1 | | | 313 | HOT | 560P2 |
| | | 0.50 | 34 | P 3 | TWD | 20 | DBH +1.86 | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.87 | 120 | P 2 | TWD | 28 | VH1 +0.88 | TEH | TEC | | | 25 | COLD | 600UL |
| 145 | 89 | 0.47 | 55 | P 2 | TWD | 18 | VC2 +0.91 | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.40 | 103 | P 5 | TWD | 19 | VC2 +0.90 | VC2 | VC2 | | | 165 | COLD | 560P2 |
| 145 | 99 | 0.40 | 127 | P 3 | TWD | 17 | DBH +1.91 | TEH | TEC | | | 23 | COLD | 600UL |
| | | 0.89 | 105 | P 5 | TWD | 34 | DBH +2.09 | DBH | DBH | ARS | | 317 | HOT | 560P2 |
| 145 | 103 | 0.61 | 98 | P 5 | TWD | 33 | DBH +1.49 | DBH | DBH | | | 322 | HOT | 560P2 |
| | | 0.64 | 118 | P 3 | TWD | 23 | DBH +1.49 | TEH | TEC | | | 22 | COLD | 600UL |
| 146 | 78 | 0.28 | 85 | P 5 | TWD | 27 | DBH +1.80 | DBH | DBH | | | 313 | HOT | 560P2 |
| | | 0.41 | 124 | P 3 | TWD | 18 | DBH +1.92 | TEH | TEC | | | 25 | COLD | 600UL |
| 146 | 86 | 0.84 | 105 | P 5 | TWD | 34 | DBC +1.84 | DBC | DBC | | | 166 | COLD | 560P2 |
| | | 1.27 | 104 | P 5 | TWD | 41 | DBH +1.76 | DBH | DBH | | | 317 | HOT | 560P2 |
| | | 0.46 | 110 | P 5 | TWD | 21 | VC1 +1.08 | VC1 | VC1 | | | 165 | COLD | 560P2 |
| | | 0.27 | 138 | P 2 | TWD | 11 | VH1 -1.17 | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.25 | 101 | P 2 | TWD | 11 | VC1 +1.02 | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.79 | 31 | P 3 | TWD | 27 | DBH +1.66 | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.43 | 108 | P 3 | TWD | 18 | DBC +1.63 | TEH | TEC | | | 25 | COLD | 600UL |
| 146 | 88 | 0.64 | 82 | P 5 | TWD | 34 | DBC +1.86 | DBC | DBC | | | 165 | COLD | 560P2 |
| | | 0.59 | 62 | P 3 | TWD | 23 | DBC +1.64 | TEH | TEC | | | 25 | COLD | 600UL |

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

QUERY: rpc_icodes_and_0-100%twd.qry

| ROW | LINE | VOLTS | DEG | CHN | IND | %TW | LOCATION | | | EXT | EXT | UTIL 1 | UTIL 2 | CAL # | LEG | PROBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 146 | 92 | 0.26 | 83 | P 3 | TWD | 12 | DBH | +1.73 | | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.30 | 120 | P 2 | TWD | 13 | VH1 | -1.16 | | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.83 | 103 | P 3 | TWD | 28 | DBC | +1.80 | | TEH | TEC | | | 25 | COLD | 600UL |
| | | 0.28 | 99 | P 5 | TWD | 14 | DBH | -1.52 | | DBH | DBH | | | 317 | HOT | 560P2 |
| | | 0.49 | 82 | P 5 | TWD | 23 | DBH | +1.75 | | DBH | DBH | | | 317 | HOT | 560P2 |
| | | 1.06 | 79 | P 5 | TWD | 46 | DBC | -1.06 | TO+2.07 | DBC | DBC | APN | | 165 | COLD | 560P2 |
| 146 | 94 | 0.42 | 105 | P 3 | TWD | 18 | DBH | +1.97 | | TEH | TEC | | | 23 | COLD | 600UL |
| | | 0.88 | 62 | P 3 | TWD | 29 | DBC | +1.76 | | TEH | TEC | | | 23 | COLD | 600UL |
| | | 0.56 | 104 | P 5 | TWD | 25 | DBH | +2.03 | | DBH | DBH | | | 317 | HOT | 560P2 |
| | | 0.84 | 81 | P 5 | TWD | 41 | DBC | -0.41 | TO+2.21 | DBC | DBC | APN | | 165 | COLD | 560P2 |
| 146 | 98 | 0.39 | 39 | P 2 | TWD | 16 | 03H | -1.19 | | TEH | TEC | | | 23 | COLD | 600UL |
| | | 0.17 | 109 | 2 | SAI | | 03H | -1.11 | | 03H | 03H | 0.00 | | 299 | HOT | 580PP |

Total Tubes : 798
Total Records: 1422