



RIM/eg3 1/16/2018

FILED
01/16/18
03:09 PM

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Investigation into the
Creation of a Shared Database or Statewide
Census of Utility Poles and Conduit in
California.

Investigation 17-06-027

And Related Matters.

Rulemaking 17-06-028
Rulemaking 17-03-009

**ADMINISTRATIVE LAW JUDGE'S RULING AMENDING THE ASSIGNED
COMMISSIONER AND ASSIGNED ADMINISTRATIVE LAW JUDGE'S
RULING REQUESTING COMMENTS ON CREATION OF SHARED,
STATEWIDE DATABASE OF UTILITY POLE AND CONDUIT INFORMATION**

This *Ruling* amends the *Assigned Commissioner and Assigned Administrative Law Judge's Ruling Requesting Comments on Creation of Shared, Statewide Database of Utility Pole and Conduit Information* dated January 11, 2018 (*January 11, 2018 Ruling*).

The *January 11, 2018 Ruling* included an outdated version of Attachment A. This *Ruling* attaches the correct version of Attachment A that the parties should rely upon in order to prepare their input.

Therefore, **IT IS RULED** that Parties shall file and serve comments in response to the version of Attachment A that is attached to this *Ruling* on or before February 8, 2018.

Dated January 16, 2018, at San Francisco, California.

/s/ ROBERT M. MASON, III

Robert M. Mason, III
Administrative Law Judge

Appendix A

| Subgroup | Variable in System | Description of Variable | Pulled from existing utility DBs, as reported to CPUC in 2017 |
|-----------------------------|------------------------------------|--|---|
| Basic I.D. and Contact Info | Pole number | Pole Number (Integer) | x |
| | Pole Owner #1 | Pole Owner #1 (Descriptor) | |
| | Pole Owner #2 | Pole Owner #2 (Descriptor) | |
| | Pole Owner #N | Pole Owner #N (Descriptor) | |
| | Emergency Contact Number | Who to contact for emergencies (Phone Number/Email) | |
| | Routine Maintenance Contact Number | Who to contact for maintenance (Phone Number / Email) | |
| | Owner Contact Information | Contact Number for Pole Owner(s) (Phone Number / Email) | |
| | Pole Tag | Pole Tag (Integer) | x |
| | Ownership Type | Solely/Joint Owned? (Binary) | x |
| Location | Description | Other Details of Pole (Descriptor) | x |
| | Latitude | Latitude (Integers) | x |
| | Longitude | Longitude (Integers) | x |
| | Address 1 | Address 1 (Descriptor) | x |
| | Address 2 | Address 2 (Descriptor) | x |
| | City | City (Descriptor) | x |
| | Street | Street (Discriptor) | x |
| | Zip | Zip Code (Integer) | x |
| | Region | Overarching Region of Pole (Descriptor/Integer) | |
| | Fire Threat Zone | 0 - No Fire Threat 1 - Fire Threat Zone 1 2 - Fire Threat Zone 2 3 - Highest Risk Fire Area | |
| | Light or Heavy Loading District | Is the pole in a Light or Heavy Loading Distrct? (Binary) [Light= 3K Ft. or less, Heavy 3K Ft.+] | |
| | | Age | Age of Pole (When first set) (Integer) |
| Pole Height | | Total Pole Height (Integer) | x |
| Pole Height Above | | Pole Height Above Ground (Integer) | |
| Pole Height Below | | Pole Height Below Ground (Integer) | |
| Material | | Material of the Pole (Descriptor) | x |
| Foundation Type | | What kind of Foundation? (Descriptor) | x |
| Species | | Wood Species of the Pole (Descriptor) | x |
| Entire Length | | Length of the Pole, Including Pole Top Attachments (Integer) | x |

| | | | |
|------------------------|---|---|---|
| Pole Attributes | Manufacturer | Manufacturer of the Pole (Descriptor) | x |
| | Year Manufactured | Year Manufactured (Integer) | x |
| | Pole Class | Pole Class (1, 2, 3, 4, or 5) | x |
| | Original Treatment | Original Treatment of the Pole (Descriptor) | x |
| | Original GL Cir. | Original Ground Level Circumference (Integer) | x |
| | Effective GL Cir. | Effective Ground Level Circumference (Integer) | x |
| | Percent Capacity Remaining | % Capacity Remaining (Percentage) | x |
| | Percent Pole Strength Remaining | % Pole Strength Remaining (Percentage) | x |
| | % Accuracy of Pole Strength | How accurate are the measurements for Pole Strength(Percentage) | |
| | Pole Stub Number | Pole Stub Number (Integer) | x |
| | Date Last Replaced | Date Pole Last Replaced (Date) | x |
| | Last Photo | Most Recent Photograph of the Pole (Picture) | |
| | Count, Trusses | Number of Trusses (0, 1, 2, or N) | x |
| | Elevation | Elevation of Pole (Integer) | x |
| | Current Pole Grade | What is the current Grade attributed to the Pole? (Integer) [Related to Pole Strength] | |
| | Copper and/or Fiber Cable (Comms Space)? | Does the pole contain Copper, Fiber, or both types of cable in the Communication Space? (Trinary) | |
| | Copper and/or Fiber Cable (Supply Space)? | Does the pole contain Copper, Fiber, or both types of cable in the Supply Space? (Trinary) | |
| Inspection | Inspection Date | Date of inspection(s) (Date) | x |
| | Intrusive Test | Date of Intrusive Test(s) (Date) | x |
| | Test Result | Result of Intrusive Test(s) (Date) | |
| | GO 95 Vegetation Condition | What is the condition of vegetation around the pole? (Descriptor) | |
| | Date of GO 95 Vegetation Inspection | Date of Last Vegetation Inspection (Date) | |
| | Tree Trimming History | History of Tree Trimming (Date) | |
| | Pole Schematics | Blueprints of the Pole (PDF or Image) | |
| | Next Inspection Date | Date of Next Inspection (Date) | |
| | GO 95 General Inspection | Date of Next GO 95 General Inspection (Date) | |
| | GO 95 High Fire Inspection | Date of Last GO 95 Fire Inspection (Date) | |
| | Overhead Inspection | Inspections of poles by overhead vehicles, including Drones and Helicopters? (Y/N) | |
| | Overhead Imagery | Video or still imagery from overhead inspection (Descriptor) | |

| | | | |
|---|---|--|---|
| | GO 95 Rule 18 Fire Risk Compliant | Is the pole currently considered fire safety compliant? (Y/N) | |
| Work | Project Number | The most recent project and/or work order number (Integer) | x |
| | Date of Calculation | Date of Loading Calculation(s) (Date) | x |
| | Calculation Performed By | Who Performed Loading Calculation(s) (Descriptor) | x |
| | Calculation Software | Calculation Software Used (Descriptor) | x |
| | Date of Work | Work Date(s) (Date) | x |
| | Pole Replacement | Is the Pole to be Replaced and When? (Y/N) and (Date) | x |
| | Installation Date | Date of Pole Installation (Date) | x |
| | Job Name | Job Name (Integer) | x |
| | Make-Ready Scheduled? | Is Make-Ready Work scheduled? (Y/N) | |
| | Make-Ready Status | How far along is the Make-Ready Work? (Descriptor or Integer Days) | |
| | Make-Ready Reqs | Requirements to be met prior to Make-Ready (Descriptor) | |
| | Make-Ready Due Date | Due Date of Make Ready Work (Date) | |
| | Photos Before/After MR | Photos before and after Make Ready Work (Photo) | |
| | Date of Authorization | When the Pole Replacement was Authorized (Date) | |
| | Date of Pole Replacement Completion | When Construction on the Pole was Completed (Date) | |
| | Buddy Pole | Is the Pole Currently a Buddy Pole? (Y/N) | |
| | Overhead Work | Work done by overhead vehicle? (Y/N) | |
| Ownership, Rate Case, and Records Attributes | Date Created | Date Entry(ies) Created (Date) | x |
| | Date Modified | Date Entry(ies) Modified (Date) | x |
| | Comments | Comments Regarding Pole, Pole Work, or other pertinent details about the Pole (Descriptor) | x |
| | Application Number | Application Number (Integer) | x |
| | Telco Owner % | % Owned by Telco (Percentage) | x |
| | IOU or Other Owner | % Owned by Other Co's (Percentage) | x |
| | Telco Lease % | % Leased by Telco (Percentage) | |
| | IOU LEASE % | % Leased by IOU and Other Co's (Percentage) | |
| | JPA (unrelated to the physical characteristics of the pole) | JPA (NCJPA/SCJPC/NO JPA) (Trinary) | x |
| | Pole Entered into Rate Base | Date when the Pole was Entered into the Rate Base (Date) | |
| | Replacement Authorized in Rate Case | Date when the Pole Replacement was Authorized in Rate Case (Date) | |

| | | | |
|--|---------------------------|---|---|
| | Attacher 1 | Attacher (Descriptor) | |
| | Attacher 2 | Attacher (Descriptor) | |
| | Attacher 3 | Attacher (Descriptor) | |
| | Attacher 4 | Attacher (Descriptor) | |
| | Attacher N | Attacher (Descriptor) | |
| | Issuer of Permit 1 | Issuer of Permit for Attachment (Descriptor) | |
| | Issuer of Permit 2 | Issuer of Permit for Attachment (Descriptor) | |
| | Issuer of Permit 3 | Issuer of Permit for Attachment (Descriptor) | |
| | Issuer of Permit 4 | Issuer of Permit for Attachment (Descriptor) | |
| | Issuer of Permit N | Issuer of Permit for Attachment (Descriptor) | |
| | Date of Permit 1 Issuance | Date of Permit Issuance (Date) | |
| | Date of Permit 2 Issuance | Date of Permit Issuance (Date) | |
| | Date of Permit 3 Issuance | Date of Permit Issuance (Date) | |
| | Date of Permit 4 Issuance | Date of Permit Issuance (Date) | |
| | Date of Permit 5 Issuance | Date of Permit Issuance (Date) | |
| | Facility ID No. | Identification Number of Attachment (Integer) | x |
| | Attachment 1 Type | (Free, mainline, overlash, power supply, service drop, svc drop & free attch, wireless, copper, crossbox, DLC, fiber, load coil, repeater, strand, terminal, and/or antenna) (Descriptor) | x |
| | Attachment 2 Type | (Free, mainline, overlash, power supply, service drop, svc drop & free attch, wireless, copper, crossbox, DLC, fiber, load coil, repeater, strand, terminal, and/or antenna) (Descriptor) | |
| | Attachment 3 Type | (Free, mainline, overlash, power supply, service drop, svc drop & free attch, wireless, copper, crossbox, DLC, fiber, load coil, repeater, strand, terminal, and/or antenna) (Descriptor) | |
| | Attachment 4 Type | (Free, mainline, overlash, power supply, service drop, svc drop & free attch, wireless, copper, crossbox, DLC, fiber, load coil, repeater, strand, terminal, and/or antenna) (Descriptor) | |

| | | |
|------------------------|---|---|
| Attachment N Type | (Free, mainline, overlash, power supply, service drop, svc drop & free atch, wireless, copper, crossbox, DLC, fiber, load coil, repeater, strand, terminal, and/or antenna) (Descriptor) | |
| Height of Attachment 1 | Height of Attachment on Pole (Integer) | x |
| Height of Attachment 2 | Height of Attachment on Pole (Integer) | |
| Height of Attachment 3 | Height of Attachment on Pole (Integer) | |
| Height of Attachment 4 | Height of Attachment on Pole (Integer) | |
| Height of Attachment N | Height of Attachment on Pole (Integer) | |
| Attachment Space 1 | Footage Taken Up by Attachment (Integer) | x |
| Attachment Space 2 | Footage Taken Up by Attachment (Integer) | |
| Attachment Space 3 | Footage Taken Up by Attachment (Integer) | |
| Attachment Space 4 | Footage Taken Up by Attachment (Integer) | |
| Attachment Space N | Footage Taken Up by Attachment (Integer) | |
| Attachment 1 Windload | Windload Added by Attachment(Integer) | |
| Attachment 2 Windload | Windload Added by Attachment(Integer) | |
| Attachment 3 Windload | Windload Added by Attachment(Integer) | |
| Attachment 4 Windload | Windload Added by Attachment(Integer) | |
| Attachment N Windload | Windload Added by Attachment(Integer) | |
| Cable Size 1 | Size of Cable for Attachment (Integer) | x |
| Cable Size 2 | Size of Cable for Attachment (Integer) | |
| Cable Size 3 | Size of Cable for Attachment (Integer) | |
| Cable Size 4 | Size of Cable for Attachment (Integer) | |
| Cable Size N | Size of Cable for Attachment (Integer) | |
| Attachment Calc 1 | Pole Loading Calculation for Attachment (Integer/Percentage) | |
| Attachment Calc 2 | Pole Loading Calculation for Attachment (Integer/Percentage) | |

| | | | |
|--------------------|--|---|---|
| Attachments | Attachment Calc 3 | Pole Loading Calculation for Attachment (Integer/Percentage) | |
| | Attachment Calc 4 | Pole Loading Calculation for Attachment (Integer/Percentage) | |
| | Attachment Calc N | Pole Loading Calculation for Attachment (Integer/Percentage) | |
| | Attachment Installation Date 1 | Date of Attachment Installation (Date) | |
| | Attachment Installation Date 2 | Date of Attachment Installation (Date) | |
| | Attachment Installation Date 3 | Date of Attachment Installation (Date) | |
| | Attachment Installation Date 4 | Date of Attachment Installation (Date) | |
| | Attachment Installation Date N | Date of Attachment Installation (Date) | |
| | Permit for Attachment 1 | Name of Attachment Permit (Descriptor) | x |
| | Permit for Attachment 2 | Name of Attachment Permit (Descriptor) | |
| | Permit for Attachment 3 | Name of Attachment Permit (Descriptor) | |
| | Permit for Attachment 4 | Name of Attachment Permit (Descriptor) | |
| | Permit for Attachment N | Name of Attachment Permit (Descriptor) | |
| | Location Description Code Attachment 1 | Space on the Pole Where Installed [Communications, Common, Supply, Pole Top, Side-mounted with standoff, etc.] (Descriptor) | |
| | Location Description Code Attachment 2 | Space on the Pole Where Installed [Communications, Common, Supply, Pole Top, Side-mounted with standoff, etc.] (Descriptor) | |
| | Location Description Code Attachment 3 | Space on the Pole Where Installed [Communications, Common, Supply, Pole Top, Side-mounted with standoff, etc.] (Descriptor) | |
| | Location Description Code Attachment 4 | Space on the Pole Where Installed [Communications, Common, Supply, Pole Top, Side-mounted with standoff, etc.] (Descriptor) | |
| | Location Description Code Attachment N | Space on the Pole Where Installed [Communications, Common, Supply, Pole Top, Side-mounted with standoff, etc.] (Descriptor) | |
| | Pole Attachment Orientation 1 | Orientation of Attachment on the Pole (Direction facing, etc.) (Descriptor) | |
| | Pole Attachment Orientation 2 | Orientation of Attachment on the Pole (Direction facing, etc.) (Descriptor) | |

| | | |
|--|--|---|
| Pole Attachment Orientation 3 | Orientation of Attachment on the Pole (Direction facing, etc.) (Descriptor) | |
| Pole Attachment Orientation 4 | Orientation of Attachment on the Pole (Direction facing, etc.) (Descriptor) | |
| Pole Attachment Orientation N | Orientation of Attachment on the Pole (Direction facing, etc.) (Descriptor) | |
| Sensor | Is there a Sensor on the Pole? (Y/N) | |
| Sensor 1 | Nature of Sensor (Descriptor) | |
| Sensor 2 | Nature of Sensor (Descriptor) | |
| Sensor 3 | Nature of Sensor (Descriptor) | |
| Sensor 4 | Nature of Sensor (Descriptor) | |
| Sensor N | Nature of Sensor (Descriptor) | |
| Status of Sensor 1 | Current Status of Sensor (Descriptor) | |
| Status of Sensor 2 | Current Status of Sensor (Descriptor) | |
| Status of Sensor 3 | Current Status of Sensor (Descriptor) | |
| Status of Sensor 4 | Current Status of Sensor (Descriptor) | |
| Status of Sensor N | Current Status of Sensor (Descriptor) | |
| Attachment Signage 1 | Is there Signage on the Attachment? (Y/N) | |
| Attachment Signage 2 | Is there Signage on the Attachment? (Y/N) | |
| Attachment Signage 3 | Is there Signage on the Attachment? (Y/N) | |
| Attachment Signage 4 | Is there Signage on the Attachment? (Y/N) | |
| Attachment Signage N | Is there Signage on the Attachment? (Y/N) | |
| Attachment Signage 1 Installment Status | Status of Signage on Attachment (Descriptor) | |
| Attachment Signage 2 Installment Status | Status of Signage on Attachment (Descriptor) | |
| Attachment Signage 3 Installment Status | Status of Signage on Attachment (Descriptor) | |
| Attachment Signage 4 Installment Status | Status of Signage on Attachment (Descriptor) | |
| Attachment Signage N Installment Status | Status of Signage on Attachment (Descriptor) | |
| Attachment on Pole | Are there Attachements on the Pole (Transmission Only, etc.?) | x |

| | | | |
|-------------------------------|---|--|---|
| | No. of Attachment | Quantity of Attachments (0, 1, 2, 3, 4, or N) | x |
| | Top Extension | Is there a Pole Top Extension? (Y/N) | x |
| | Antennae | Are there Antennae on the Pole? (Y/N) | |
| | Count, Antennae | Number of Antennae on the Pole (0, 1, 2, 3, N) | |
| | RFID Tag | Is there a RFID Tag? (Y/N) | |
| | End Pole | Is the Pole an End/Start Node/Point? (Y/N) | |
| | Transformer | Is there a Transformer on the Pole? (Y/N) [Please Indicate If listed as Attachment as Above] | |
| | Highest Risk Fire Area Attachment Standard Compliant | Does the strength of the attached wire exceed GO 95 standards as required by Rule 40 if in a Tier 3 Risk area? (Y/N) | |
| | Abandoned Attachment | Is there an abandoned attachment on the pole? (Y/N) | |
| | Abandoned Attachment Removal Status | At what step in the attachment removal process is the abandoned attachment? (Descriptor) | |
| | Date of Abandoned Attachment Removal | Date that an abandoned attachment was removed? (Integer) | |
| Smart Grid Attachments | Number of Smart Grid Antennae | Number of Smart Grid Antennae (0, 1, 2, 3, N) | |
| | Number of Fiber or Other Wires | Number of Fiber or Other Wires to Support Smart Grid (0, 1, N) | |
| | Power Supply | Number of Microgrid Devices (0, 1, 2, 3, N) | |
| | Number of SCADA, microgrid controllers, or other devices attached | Number of SCADA, Microgrid, or other Devices attached (0, 1, 2, 3, N) | |
| | Wind Load | Windload Added by each Smart Grid Attachment(Integer) | |