

### **TECHNICAL**

## **Operational Update**

# Capturing of span heights and ambient temperatures after re-tensioning or reconductoring

Issue # T-1563 - 11 December 2019

Supersedes T-1543 issued on 09/25/2019

#### **Target Audience (All regions)**

Field Delivery Area Managers, Regional Program Managers, Field Delivery Crews, Work Group Leaders, Work Group Officers, Field Construction Officers, Employees in Charge of Work, Lines Design, Area Program Coordinators

#### Why is this Update being issued?

This Update clarifies and provides additional information on the requirement to record span heights and ambient temperatures after re-tensioning or reconductoring. This information will aid investigations to support our staff following an incident and assist with ESO reporting in the future.

#### **Requirements**

EQL has requested that all field staff are to capture the conductor heights **and ambient temperatures** for <u>all</u> Regulated / Unregulated EQL owned conductors when completing re-tensioning or reconductoring works. This information is to be documented on the Works Plan/Order located next to the conductor schedule relating to that span and stored in the Master Projects Folder.

The ambient temperature can be obtained from either:

- 1. BOM Site using your current location; or
- 2. Outside temperature as displayed in your vehicle.

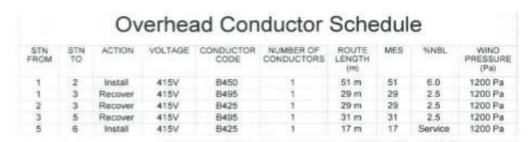
#### **Southeast Conductor Schedule**

Document the conductor height in **red** pen next to the relevant span in the **Remarks** area or beside the Overhead Conductor Schedule.

|                           |                     |       |           |          | OVERHEA   | D CONDUCT      | OR S            | CHEL  | DULE            |       |                    |         |      |          |      |     |          |
|---------------------------|---------------------|-------|-----------|----------|-----------|----------------|-----------------|-------|-----------------|-------|--------------------|---------|------|----------|------|-----|----------|
| LOCATION                  | STATIONS<br>FROM-TO | VOLTS | EXISTING  | TRANSFER | RECOVER   | ERECT          | No. OF<br>SPANS | DIST. | STRING<br>TABLE | M.E.S | SAGSPAN<br>FROM-TO | SAG (m) |      | COND LEN |      | 150 | REMARKS  |
|                           |                     |       |           |          |           |                |                 |       |                 |       |                    | 15*     | 30°  | NEW      | REC  | LLC | REPIARKS |
| BUNBURRA RD, BUNBURRA     | 1 - 2               | 11kV  |           | 2-RAISIN |           |                | 1               | 218   | 42              | 189.3 | 1 - 2              | 2.00    | 2.30 |          | 226  |     |          |
|                           | 3 - 5               | 11kV  |           | 2-RAISIN |           |                | 1               | 214   | 62              | 213.0 | 3 - 5              | 2,81    | 3.16 |          |      |     |          |
|                           | 4 - 5               | 11kV  | 2-3/12 ST |          | 2-3/12 ST | 2-LIBRA        | 1               | 21    | 660             | 20.9  | 4 - 5              | 0.29    | 0.37 | 41       | 61   |     |          |
|                           | 5 - 7               | 11kV  | 2-3/12 ST |          | 2-3/12 ST | 2-3/2.75 SC/AC | 2               | 585   | 42              | 303.4 | 5 - 6              | 4.84    | 5.30 | 1204     | 1806 |     | (via 6)  |
|                           | 7 - 9               | 11kV  | 2-3/12 ST |          | 2-3/12 ST | 2-3/2.75 SC/AC | 1               | 110   | 110             | 109.9 | 7 - 9              | 1.33    | 1.54 | 92       | 138  |     |          |
| OAKEY CREEK RD, BUNBURRA  | 8 - 10              | 11kV  | 3-3/12 ST |          | 3-3/12 ST | 3-3/2.75 SC/AC | 2               | 472   | 42              | 260.2 | 8 - 9              | 3.76    | 4.18 | 1353     | 1353 |     | (via 9)  |
| BUNBURRA RD, CANNON CREEK | 10 - 12             | 11kV  | 3-3/12 ST |          | 3-3/12 ST | 3-3/2.75 SC/AC | 2               | 731   | 42              | 371,9 | 10 - 11            | 6.92    | 7.46 | 2207     | 2207 |     | (via 11) |

#### Northern & Southern Conductor Schedule

Document the conductor height in red pen next to the relevant span beside Overhead Conductor Schedule.



#### For more information contact:

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