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.

<u>Southeast Conductor Schedule</u>

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

OVERHEAD CONDUCTOR SCHEDULE

LOCATION	STATIONS FROM-TO	VOLTS	EXISTING	TRANSFER	RECOVER	ERECT	No. OF SPANS	DIST.	STRING TABLE	M.E.S.	SAG SPAN FROM-TO	SAG (m) 15°	SAG (m) 30°	COND LEN NEW	COND LEN REC	LCC	REMARKS
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)

<u>Northern & Southern Conductor Schedule</u>

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

Overhead Conductor Schedule

STN FROM	STN TO	ACTION	VOLTAGE	CONDUCTOR CODE	NUMBER OF CONDUCTORS	ROUTE LENGTH (m)	MES	%NBL	WIND PRESSURE (Pa)
1	2	Install	415V	B450	1	51 m	51	6.0	1200 Pa
1	3	Recover	415V	B495	1	29 m	29	2.5	1200 Pa
2	3	Recover	415V	B425	1	29 m	29	2.5	1200 Pa
3	5	Recover	415V	B495	1	31 m	31	2.5	1200 Pa
5	6	Install	415V	B425	1	17 m	17	Service	1200 Pa

For more information contact:

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All current Operational Updates should be posted to noticeboards