# **T&D SLT QA/QC Report Out**

October 6, 2020





### **Quality Update – Highlights**

#### **Distribution Construction**

- Due to COVID rerliactteioolnoste, laanycscnérs@sosntsotDriuscttriiobnutwioork order docu challenging
- Implementing a lotrer Dniastteriab puptriono sample Cofo tnisotnr suicinti Otor tobber
  - Will improve timeliness of inspection results
  - Focusing on GO 9a.5b I reulSeCsE as nt dan ad par peldlis ca (o stat fet ty) &

#### ODI data and insights

- For the past tehraelel m@iCatshosorteh bavatshvedrTohprpeesch obled od evel (98%) in area (top 2% of RE 24%) in SJcuorree/Joufly9u7ssntd 96.6% in Aug
- Our reporting isalbeiwn (gi hoote) eir of iin oeg nod, of DoiNsCtsrib cyt, R. Supervisor, a n

#### Corrective Action / Preventive Action (CAPA) Program

- CAPA Program implement <u>Qe AdP Ain Qcaluus dein Eqvat Ihue</u> at Ni EoWh portal page
- In collaboratiTornan weif to him ta hie o An MaSO HErfoi ucrecetole atmhse, wiven clusion of Cau requests T& Dnt Roe qt uheest Intake Form
  - This is central location whifeorre NaoInlcoOnafuosremaEnvcael uoartiSoingsnirfe be submittmejdur(yn/oitllfmoerssievents)

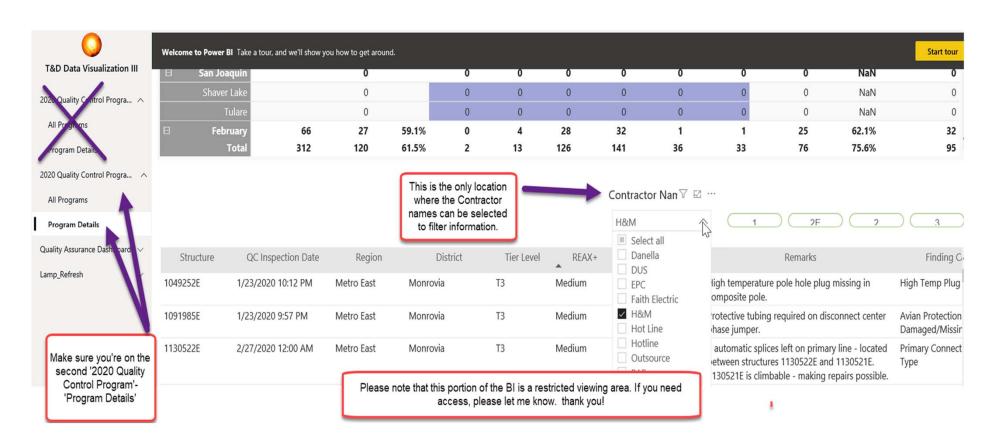
#### Distribution Planning QC Program

- Initial finedin wyst hwe Peane in e w Stakeholders
- Additional engadqle anne onlst. Diviist hrit on teo, f Rfveihne orien mgas j owreir tey located (Not first exposuarme at nod tahsisso cpiraotgerd findings)

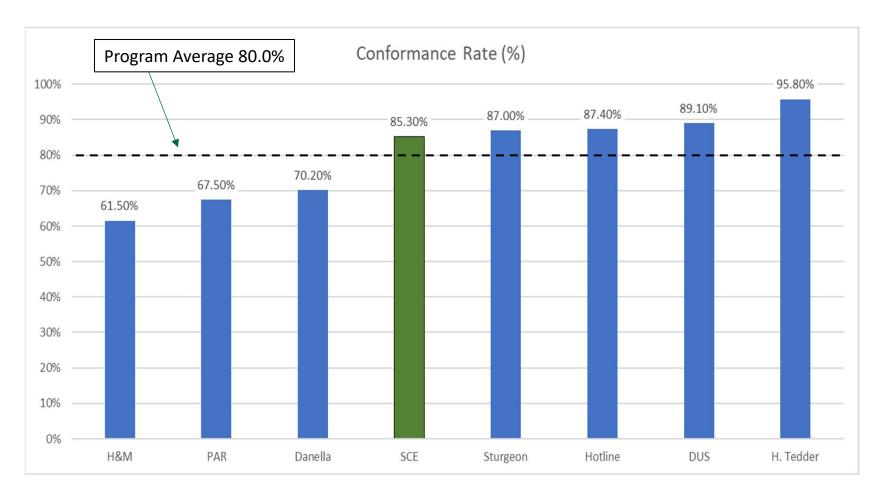
### Transmission QC Inspections – Pilot

- The Pilot is complete with nee a or fly 9.94.050% i (nesxpeecet diio mos at mbde aTLQ of
- Next steps in be eublack ion a fize polar transna genoe nutling Power BI

- The filter is now in place for Contractors
- The BI Team has left the curroleunptliPooawteerd Bilt Dobismlebootalryd shot) in a Restricted spacea,s soloestimaetd the filter can
- All metrics will reflect selections made in the fil

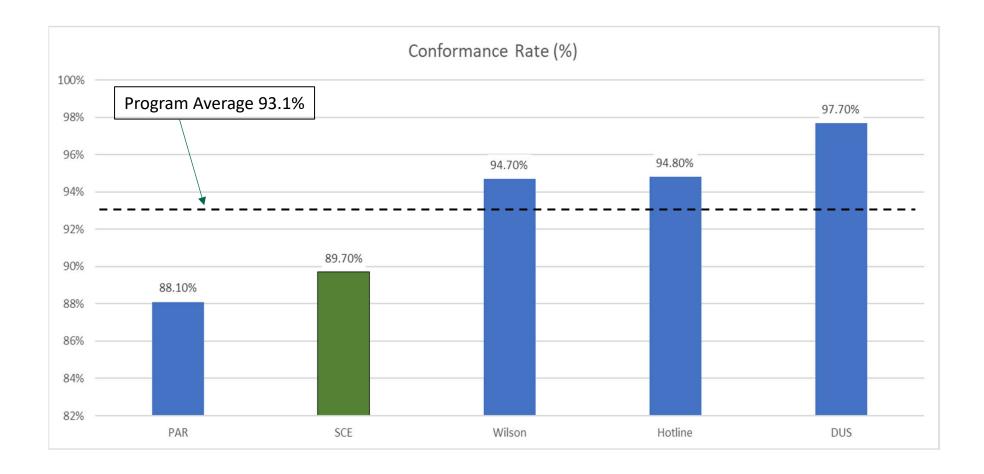


## YTD Performance Scoring - Distribution Construction



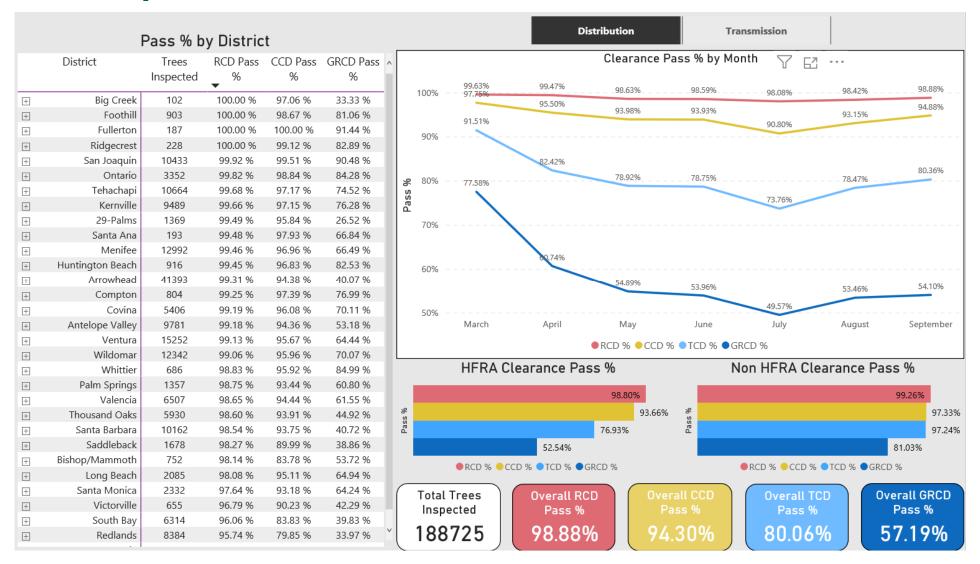
Data as of August 31, 2020

## YTD Performance Scoring - Transmission Construction



Data as of August 31, 2020

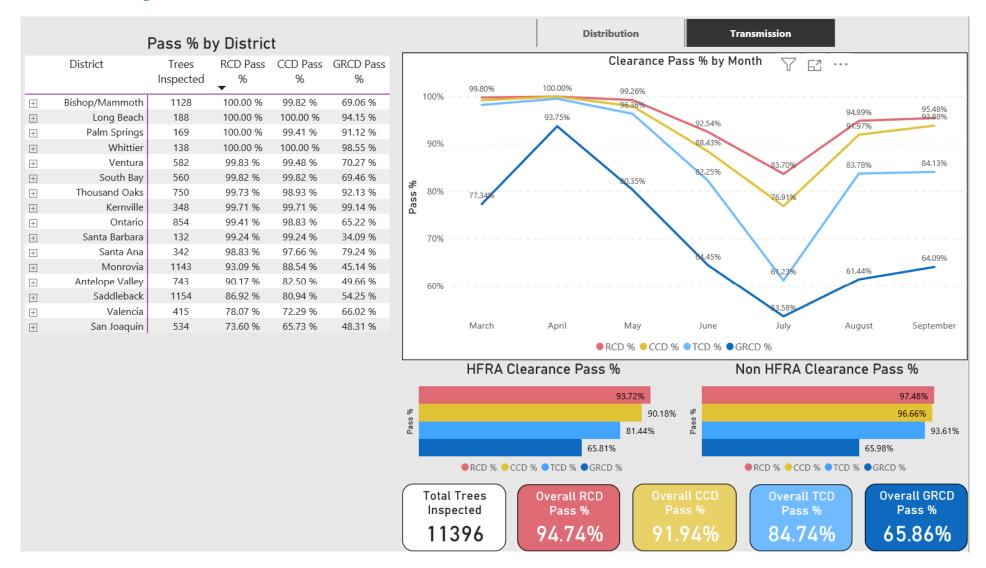
### **September YTD VM Performance – Distribution**



	Compliance Zone	HFRA	Non-HFRA		
	RCD = Regulation Clearance Distance	4'	18"		
D	CCD = Compliance Clearance Distance (RCD x 1.5)	6'	3'		
	TCD = Trigger Clearance Distance (CCD + 3')	9'	N/A		
	GRCD = Grid Resiliency Clearance Distance	12'	6'		

YTD data reflects work completed in 2020 only. This does not include any January/February report data

## **September YTD VM Performance – Transmission**



	Compliance Zone	HFRA
	RCD = Regulation Clearance Distance	10'
Т	CCD = Compliance Clearance Distance (RCD x 1.5)	15'
	TCD = Trigger Clearance Distance (CCD + 3')	18'
	GRCD = Grid Resiliency Clearance Distance	30'

## **APPENDIX**



#### Power BI Dashboard - Link

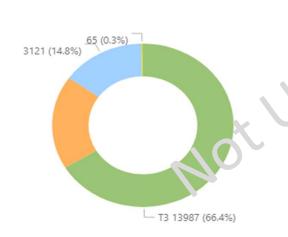


**7,371**Remaining QC Inspections

### **Program Performance – BI Dashboard YTD**

Header	QC Structures Inspected	P1		Р	2	F	23	Actionable Findings		
Program Name		Count	CR %	Count	CR %	Count	CR %	Open Count	Overdue Count	
Distribution Construction	2,917	5	99.8%	727	80.1%	1,170	70.9%	433	276	
Transmission Construction	476	0	100.0%	33	93.3%	5	89.9%	23	12	
Aerial Distribution	586	0	100.0%	x (	98.6%	0	100.0%	8	8	
ODI	15,220	4	100.0%	41	97.3%	509	97.0%	432	67	
Intrusive	448	0	100.0	3	99.3%	15	96.7%	1	0	

### QC Inspections by High Fire Tier Level



## Other Programs - Not in BI Dashboard

Header S suctives		P1				P	3	Actionable Findings		
Program Mappe	Count	CR %	Count	CR %	Count	CR %	Open Count	Overdue Count		
i ansr ission 219		0	100.0%	1	99.5%	5	97.7%	1	0	
Planning	38	8	78.9%	8	78.9%	0	100.0%	16	0	
Pole Loading	600	0	100.0%	45	92.5%	0	100.0%	15	0	

### **YTD QC Results (Dist. Construction)**

Power BI Dashboard - Link

2,917

2,326

80%

**Total Inspections** Non-Conformances by Priority

710

1,000

Total

Low sample size is possible cause for low CR% in "Very on the area

2,917

591

79.7 %

1170

Priority 1

Priority 2E

Priority 2

Priority 3

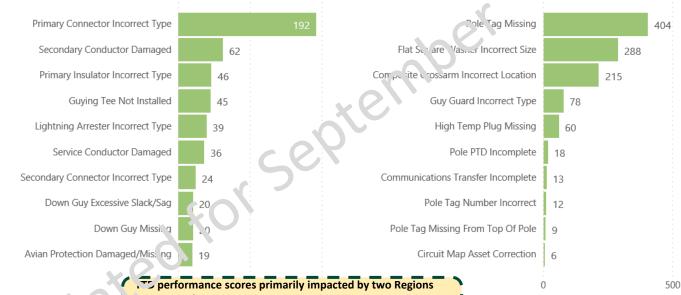
Pass Total

Non-Conformances

**CR% Actionable Total** 

#### Top 10 P1 & P2 Finding Categories





- Avg. Conformance Rate in Rurals and Metro East 70.6%
  - Avg. Conformance Rate in all other Regions 88.2%

710

732

433

276

P3/Observational Outcomes Program Name - REAX Score Total Q0 Actionab. ctionable Threshold Priority Priority Priority Actionable Open Findings Past Due Observational Observational Inspections CR Limit 2E Findings (Past Due) Findings NC I CR **Findings Distribution Construction** (Very High) 69.6 9 100.0 % 51 66.5 % 158 53 74 98.0 % 0 97 85 29 67.0 % 415 97 137 179 222 162 1,652 321 80.6 % 95.0 % 10 385 398 469 71.6 % 670 692 141 79.6 95.0 % 163 170 75 190 72.5 % 247

17

5

849

70.9 %

1,170

### YTD QC Results (ODI)

15K

**Total Inspections** 

15K

Pass Total

415

Non-Conformances

97.3%

CR% Actionable Total

#### Possible causes for low CR%:

- Low scores from 2 Districts driving results
- Working w/ODI leadership to understand drivers and take corrective action
- Adding Inspector names to report for visibility

	Actionable Findings						P3/Observational Outcomes						
Program Name - REAX Score	Total QC Inspections	Actionable NC	/ ctionable CR	Threshold Limit	Priority 1	Priority 2E	Priority 2	Actionable Findings	Open Findings (Past Due)	Past Due Findings	Observational NC	Observationa I CR	Observational Findings
□ ODI (High)													
Very High	1,19	215	97.1 %	98.0 %	1	9	220	230	225	30	240	96.8 %	273
High	7,397	187	97.5 %	95.0 %	2	11	191	204	196	26	200	97.3 %	215
Medium	322	13	96.0 %	95.0 %	1	1	12	14	11	11	16	95.0 %	19
Low	22	0	100.0 %	90.0 %	0	0	0	0	0	0	2	90.9 %	2
Total	15,220	415	97.3 %		4	21	423	448	432	67	458	97.0 %	509