webTADS Application Update

February 11, 2020

Changes to webTADS	
Enhancement	**Description**
Undetermined Respondent	After the assignment of a company to a Reporting Period, the Company Status displays the Reporting Transmission Owner (TO). Undetermined will no longer be an option displayed.
Missing Voltage Class Information	The ability to manually enter a TO Element Identifier on the Form 4.x entry interfaces has been removed. The TO Element Identifier dropdown is populated with the list of elements as defined in Form 3.x.
Form 4.x Removal of Event ID Manual Entry	A validation has been added to the import process to prevent importing Form 4.x outage data records if the TO Element Identifier does not have a matching inventory data record in Form 3.x.
Inactive Companies	If a Company is listed as Inactive, it will remain as a visible and selectable Company on the Regional, Designated Reporting Entity (DRE), and NERC interfaces for all assigned Reporting Periods.
Assigning Inventory Data Detail ID to Outages	For all Form 4.x and Form 6.x tables, an Inventory Data Detail ID column was added. This column will default to NULL.
ALR Report Changes	A multi-select filter for Voltage Classes was added. Voltage Class filtering is now limited to the following Voltage Classes: • 100-199 kV • 200-299 kV • 300-399 kV • 400-599 kV • 600-799 kV

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Enhancement	Description
New filter for Outage Types	In TADS Reporting under Automatic Outage Reports, Adequate Level of Reliability (ALR) metrics are available. A multi-select filter for outage types was added to the ALR metrics report. Choices for filtering are All, Momentary, or Sustained. • For voltage classes 100-199 kV, only Sustained outage types are available. • All other voltage classes will can be filtered by All, Momentary or Sustained based on the selection.
Change to formula for AC Transmission Outages – Failed AC Circuit Equipment	New formula: $$\frac{\sum Outages\ with\ ICC\ Failed\ AC\ Circuit\ Equipment}{(\sum Circuit\ Mileage) * 100}$$ NOTE: This calculation is per 100 miles of circuits not per element.
Change to the formula for Transmission System Unavailability (percentage)	$$\frac{\sum Sustained\ Outage\ Duration + \sum Operational\ Outage\ Duration}{Total\ Element\ Hours} * 100$$ NOTE: Planned Outages will not be included in this calculations, although Planned Outages were reported prior to 2016.