

webTADS Application Update

February 28, 2017

The following changes have been updated in webTADS:

Enhancement	Description
Inventory Data Reporting Enhancement	<ul style="list-style-type: none"> Inventory Forms 2.1, 2.2, 3.1, 3.2, 3.3, and Common Corridor will become a perpetual database starting with available 2016 inventory data. Transmission Owner (TO) data reporters will maintain a set of inventory from reporting period to reporting period rather than needing to re-import the current inventory on an annual basis. IMPORTANT NOTE: Resubmittal of previously entered inventory data for 2016 is not necessary. Existing records have been used. Please DO NOT resubmit any inventory data that is already present.
Outages Summary Voltage Class	<ul style="list-style-type: none"> A Voltage Class column has been added to the Outage Summary display for Forms 4.1, 4.2, 4.4, 6.1, 6.2, and 6.4. A High Side Voltage Class column has been added to the outage summary for Forms 4.3 and 6.3. These values will be populated with the Voltage Class attribute of the element associated to the outage.
Automatic Outage Metrics Report	<ul style="list-style-type: none"> Current metrics calculations formula will be maintained for Reporting Periods prior to 2015. For Reporting Period 2015 and forward the following metric calculations will be updated: <ul style="list-style-type: none"> Element Total Automatic Outage Frequency (TOF) = Total Automatic Outages/Total Elements Element Momentary Outage Frequency (MOF) = Total Momentary Outages/Total Elements Mean Time Between Sustained Element Outages (MTBF) = (Total Element Hours – Total Sustained Outage Hours)/Total Sustained Element Outages Element Availability Percentage (APC) = 1-(Total Sustained Outage Hours/Total Element Hours) *100

Enhancement	Description
	<ul style="list-style-type: none"> ○ Percentage of Elements with Zero Automatic Outages (PCZO) = Total Elements with Zero Automatic Outages/Total Elements • For only AC and DC elements: <ul style="list-style-type: none"> ○ Circuit Total Outage Frequency, Mileage Adjusted (TCOF) = (Total Circuit Automatic Outages*100)/Total Circuit Miles • For only multi-circuit AC elements with Event Type 30 and DC elements with Event Type 40: <ul style="list-style-type: none"> ○ Multi-Circuit Total Outage Frequency, Mileage Adjusted (TMCOF) = (Total Multi-Circuit Automatic Outages*100)/Total Multi-Circuit Structure Miles ○ Multi-Circuit Sustained Outage Frequency, Mileage Adjusted (SMCOF) = (Total Multi-Circuit Sustained Outages*100)/Total Multi-Circuit Structure Miles