

5.6 Maintenance Cost

5.6.2 Long Term Maintenance Expenses

Long Term Maintenance Expenses - Combustion Turbine and Combined Cycle Plant major inspection and overhaul expenses may not be included in variable maintenance expenses, ~~regardless of accounting methodology if they meet specific criteria.~~

In order to be included in variable maintenance expenses, ~~these~~ costs must represent actual expenditures that are due to incremental degradation of generating equipment directly related to generation, starts or a combination of both. Expenditures that are not directly related to such operation may not be included in variable maintenance expense. ~~It must be clear that these costs would have been included in the appropriate FERC Accounts as described in this section. A detailed listing of all proposed long-term maintenance costs must be submitted to the PJM MMU for evaluation and final approval pursuant to the Cost and Methodology Approval Process.~~

Long Term Maintenance Expenses cannot be counted if they are included elsewhere in VOM. Previously approved Long Term Maintenance Expenses may be included in maintenance history.

~~Combustion Turbine and Combined Cycle Plant major inspection and overhaul costs categories include but are not limited to the following:~~

- ~~● Combustion Turbine Generator Inlet Air System~~
- ~~● Inlet Air Filter Replacement~~
- ~~● Evaporative cooling system media replacement~~
- ~~● Mechanical inlet air cooling chiller and pump inspection and overhaul~~
- ~~● Fuel System~~
- ~~● Fuel Gas Compressors Inspection and Overhaul~~
- ~~● Distillate Fuel Pumps Inspection and Overhaul~~
- ~~● Water Treatment~~
- ~~● Resin Replacement~~
- ~~● RO Cartridges Replacement~~
- ~~● Environmental~~
- ~~● SCR and/or CO Reduction Catalyst Replacement~~
- ~~● Combustion Turbine Generator ("CTG")~~
- ~~● Combustion Inspections including Parts, Labor, Rentals and Specialized technical expertise and support~~
- ~~● Hot Gas Path Inspection~~
- ~~● Major Overhaul~~
- ~~● Electric Generator Inspection and Overhaul~~

- ~~Heat Recovery Steam Generator ("HRSG")~~
- ~~Chemical Cleaning or Hydro-Blasting of Heat Transfer Surfaces~~
- ~~BFW Pump Inspection and Overhaul~~
- ~~Heat Transfer Surface Replacements~~
- ~~Casing Repair and Replacements~~
- ~~Steam Turbine Generator ("STG")~~
- ~~Surface Condenser~~
- ~~Condensate Pump Inspection and Overhaul~~
- ~~Cooling Tower~~
- ~~Circulation Pump Inspection and Overhaul~~
- ~~Cooling Tower Fan Motor and Gearbox Inspection and Overhaul~~
- ~~Replacement of Cooling Tower Fill and Drift Eliminators~~

Pg 44-45

6.6 Maintenance Cost

Long Term Maintenance Expenses - Combustion Turbine and Combined Cycle Plant major inspection and overhaul expenses may not be included in variable maintenance expenses, ~~regardless of accounting methodology if they meet specific criteria.~~

In order to be included in variable maintenance expenses, ~~these~~ costs must represent actual expenditures that are due to incremental degradation of generating equipment directly related to generation, starts or a combination of both. Expenditures that are not directly related to such operation may not be included in variable maintenance expense. ~~It must be clear that these costs would have been included in the appropriate FERC Accounts as described in this section. A detailed listing of all proposed long-term maintenance costs must be submitted to the PJM MMU for evaluation and final approval pursuant to the Cost and Methodology Approval Process.~~

Long Term Maintenance Expenses cannot be counted if they are included elsewhere in VOM. Previously approved Long Term Maintenance Expenses may be included in maintenance history.

~~Combustion Turbine and Combined Cycle Plant major inspection and overhaul costs categories include but are not limited to the following:~~

- ~~Combustion Turbine Generator Inlet Air System~~
- ~~Inlet Air Filter Replacement~~
- ~~Evaporative cooling system media replacement~~
- ~~Mechanical inlet air cooling chiller and pump inspection and overhaul~~
- ~~Fuel System~~

- ~~Fuel Gas Compressors Inspection and Overhaul~~
- ~~Distillate Fuel Pumps Inspection and Overhaul~~
- ~~Water Treatment~~
- ~~Resin Replacement~~
- ~~RO Cartridges Replacement~~
- ~~Environmental~~
- ~~SCR and/or CO Reduction Catalyst Replacement~~
- ~~Combustion Turbine Generator ("CTG")~~
- ~~Combustion Inspections including Parts, Labor, Rentals and Specialized technical expertise and support~~
- ~~Hot Gas Path Inspection~~
- ~~Major Overhaul~~
- ~~Electric Generator Inspection and Overhaul~~
- ~~Cooling Tower~~
- ~~Circulation Pump Inspection and Overhaul~~
- ~~Cooling Tower Fan Motor and Gearbox Inspection and Overhaul~~
- ~~Replacement of Cooling Tower Fill and Drift Eliminators~~