

| Effective Date   | August 2018 |
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| Impacted Manual #(s)/Manual Title(s):  |             |
| Manual 15: Cost Development Guidelines   |             |
| Conforming Order(s):   |             |
| None   |             |
| Associated Issue Tracking Title:   | MIC: VOM    |
| Committee Approval Path - What committee(s) have already seen these changes?   |             |
| MIC 4/4/18<br>MRC First Read 4/19/2018<br>MRC Vote 6/21/2018<br>MC Tariff & M15 7/26/2018<br>Board Approval August 2018  |             |
| MRC 1 <sup>st</sup> read date:   | 4/19/2018   |
| MRC voting date:   | 6/21/2018   |
| Impacted Manual sections:  |             |
| Section 2, 3,4,5,6,7, &9   |             |
| Reason for change:   |             |
| Problem Statement and Issue Charge through the Stakeholder Process to determine what maintenance cost components should be included in a unit's cost-based offer.  |             |
| Summary of the changes:  |             |
| <ul> <li>Only actual maintenance costs attributed to running the unit and directly tied to electric production can be included in a unit's incremental energy offer.</li> <li>CT and CC major inspection, overhaul and LTSA cost can be included</li> <li>Capacity units cannot include ACR fixed cost (i.e. normal labor &amp; maintenance not tied to running)</li> <li>FERC Accounts minus labor cost can be included</li> <li>Remove fixed Title V and emissions fees</li> <li>Immature units can use existing history (less than 10 years) or defaults</li> </ul> |             |



- Operating costs can be included in a unit's incremental energy offer but not its VOM.
  - Allowable operating costs include lubricants, chemicals, Limestone, Trona, Ammonia, acids, caustics, water injection, and demineralizers.
  - Market Sellers will be allowed to include additional operating costs via the 1.8 exception process. Acceptable items will be added to M15 during the biennial revision.
- Allow resources to utilize either actual maintenance costs attributed to running the unit and directly tied to electric production in a unit's incremental energy offer (PJM Package) or a default value published by the U.S. Energy Information Administration (EIA).
  - Resource class specific default Unit Variable O&M values that cannot be exceeded from EIA build data.
  - If EIA no longer publishes new-build data for a class of resource, the existing unit may utilize annual scalars (e.g. Handy Whitman Index) applied to the last EIA published data to represent an updated default value.