

# M-15 Updates Rev 44 – Heat Input Curves and Opportunity Cost Calculator

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Performance Compliance Dept.  
Markets and Reliability Committee  
May 31, 2023

- Changes brought through Cost Development Subcommittee by IMM
- Changes are mainly clarifying in nature to document current process
- Two areas of change
  - Heat Input curve development methods
  - IMM Opportunity Cost Calculator

Manual 15: Cost Development Guidelines, Revision 44

- Documents current methods for units to develop heat input curves
- Section 4.1
  - Describes 2 methods for units with multiple boilers
- Section 5.1
  - Describes 3 methods for combined cycle units
    - Heat Input based on entire operating range
    - Heat Input based on each configuration
    - Heat Input based on pseudo model
      - Examples provided

- Added Section 12.7.9 – Minimum Run Time Logic
  - Describes a two hour look ahead window used for commitment and de-commitment of generators in OCC
  - Better aligns OCC with actual commitment and dispatch by PJM

- First Read MIC – April 12
- First Read MRC – April 26
- Endorsement MIC – May 10
- Endorsement MRC – May 31
- Endorsement MC – June 22
- Effective Date – August 1

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## M-15 Updates



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