



Cost Development Subcommittee Update December 2022

Nicole Scott
Transmission Operations
Sr. Lead Engineer

- Heat Input and Modeling Options for CC and Specialized Boilers
 - Problem Statement and Issue Charge consensus was sought and education was presented

NEXT STEPS: Manual 15 language will be drafted to illustrate options
- Poll went out on Fuel Cost Policy 2023 Periodic review
 - Results of poll will be shared at January CDS
- Discussion on CDS topics for 2023
 - Proposed topics for 2023 were discussed. Feedback and any additional items are welcome

NEXT STEPS: Workplan for 2023 will be shared at January CDS and MIC

Problem / Opportunity Statement

Combined cycles with 2x1 configuration or higher and steam turbines with multiple boilers can reflect their heat input curves in cost-based offers using multiple methods. The methods can be: 1) heat input curve using entire operating history, regardless of configuration, 2) individual heat input curves per configuration and 3) pseudo heat input curve for combined cycles that choose to be modeled using the combined cycle pseudo model.

These methods are currently not specified in the Cost Development Guidelines (Manual 15). Manual 15 allows for the use of methods not specified in the Manual under Section 1.8. These methods are well known and commonly used. Including these methods in Manual 15 will be beneficial to all parties for transparency and better understanding of the modeling options available.

Issue Content

The work is intended to include in Manual 15 the different methods available by combined cycles and specialized boilers to reflect their heat input.

Key Work Activities and Scope Content

1. Review the current methods combined cycles and specialized boilers can use to reflect their heat input.
2. Explore additional methods not currently used.
3. Document methods in Manual 15.

Expected Deliverables

Manual 15 Revisions.

Facilitator:
Foluso Afelumo, Foluso.Afelumo@pjm.com

Secretary:
Amanda Martin, Amanda.Martin@pjm.com

Presenter:
Nicole Scott, Nicole.Scott@pjm.com

Cost Development Subcommittee Update



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com