***Reviewer Instructions***

***QTR Chapter 8: Increasing Efficiency and Effectiveness of Industry and Manufacturing***

This document provides Instructions (pages 1-2) and a **Comment Form** (page 3) for preparing and submitting your comments on the Chapter 8 Technology Assessments.

1. Technology Assessments can be found at:

<http://energy.gov/downloads/webinar-qtr-chapter-8-industry-and-manufacturing>

1. Comment Period for Chapter 8 Technology Assessments: Feb. 11th – **Feb 24th**.
   1. **NOTE: The comment period has been extended. The webinar recording is incorrect.**
2. Comments to be entered on the **Comment Form** (attached).
3. **Comment Forms** to be sent to this email address: [QTR\_Chapter8@ee.doe.gov](mailto:QTR_Chapter8@ee.doe.gov)
4. Comments will not be accepted after **Feb. 24th.**

We appreciate your willingness to follow these instructions in order to facilitate the collection and organization of your highly valued contributions.

* Each Technology Assessment (TA) is in PDF format and has page numbers and line numbers.
* We are primarily seeking technical expertise to help fill apparent gaps in the TAs, and to identify and correct factual errors. Other comments you may have are also welcomed.
* Please provide references to back up facts, data, and your comments if possible. DOE reserves the discretion to include or not include any comment received, and we prefer statements and data backed by cited sources of information.
* Submit all your comments in a **single Word document**—even if you are commenting on more than one TA**.**
* Designate each comment you have on the TA contents with the following protocol: **[Document Code; Start Page #; Start Line #; End Page #; End Line #]**
* For simplification, use the following document codes for the fourteen TAs:
  + **AM – Additive Manufacturing**
  + **CHP – Combined Heat and Power**
  + **CRM – Critical Materials**
  + **COMP – Composite Materials**
  + **MFI – Flow of Materials Flow Through Industry (Sustainable Manufacturing)**
  + **MHSC – Materials for Harsh Service Conditions**
  + **PI – Process Intensification**
  + **R2R – Roll-to-Roll Processing**
  + **TE – Thermoelectric Materials, Devices, and Systems**
  + **WHR – Waste Heat Recovery**
  + **WBG – Wide Bandgap Power Electronics**
  + **PH – Process Heating**
  + **ASCMP – Advanced Sensors, Controls, Models and Platforms**
  + **NGM – Next Generation Materials and their Manufacture**
* If you are commenting on a table, figure, or text box, clearly identify it in your comment (Figure 3, Table 7, etc.)
* Save the Word document with the following filename: **Lastname-Firstname-Chapter8TA**.
* Email your Word document to [QTR\_Chapter8@ee.doe.gov](mailto:QTR_Chapter8@ee.doe.gov) with the Subject line the same as your document filename (**Lastname-Firstname-Chapter8TA).**

Please use the Comment Form on the following page for submission of your feedback.

**Comment Form**

**2015 QTR Chapter 8 Technology Assessments**

**[NAME]**

**[TITLE]**

**[ORGANIZATION]**

**[EMAIL]**

**[PHONE NUMBER]**

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| **Doc Code** | **Start Pg #** | **Start Ln #** | **End Pg #** | **End Ln #** | **Comment**  **EXAMPLE COMMENTS BELOW – PLEASE REPLACE WITH YOUR FEEDBACK** |
| MHSC | 1 | 19 | 1 | 19 | Current text reads: “Many sources of industrial waste heat are currently unrecoverable because recuperator alloys are incompatible with corrosive, high-temperature flue gases.” It would be better to specify “waste heat recovery equipment” rather than “recuperator,” which is too narrow. WHR equipment includes heat exchangers, recuperators, regenerators, etc.—not just recuperators. |
| MFI | 1 | 67 | 1 | 69 | Here, supply chain is defined as not including end-use, however, elsewhere it is used in the context of cradle-to-grave. This is confusing to the reader. Perhaps defining and using terminology like cradle-to-gate, gate-to-grave, cradle-to-grave would be helpful? |
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