### Superior Energy Performance

### Request for Approval Form 1.0

# Alternative Approach: Modeling of Data at Finer Intervals than Weekly

Modeling of data at finer intervals than weekly as noted in Sections 3.4.2 and 3.5.1 of the Superior Energy Performance [Measurement and Verification Protocol for Industry](http://www.superiorenergyperformance.net/pdfs/SEP_MV_Protocol.pdf) requires approval by the SEP Administrator.

Facilities ***must*** complete and submit this form to request approval. Facilities are strongly encouraged to do so prior to applying to the SEP program in order to avoid delays in the application process. The estimated time to complete the review and provide a decision on this approval request is approximately 2-3 weeks, or longer if additional information is needed. Based on this request, the SEP Administrator will develop evaluation criteria, which will be provided to the facility and its selected SEP Verification Body.

Please complete and send this form, or send any questions, to the SEP Administrator at superiorenergyperformance@ee.doe.gov.

**Facility Name:** Click here to enter text.

**Contact Name:** Click here to enter text.

**Contact Email:** Click here to enter text.

**Contact Phone Number:** Click here to enter text.

Have you already submitted your SEP Application? [ ]  Yes [ ]  No

Have you selected a SEP Verification Body? [ ]  Yes [ ]  No

 If yes, please list the SEP Verification Body’s name here: Click here to enter text.

Please note that this alternative approach will require you to submit the following information along with this completed form:

Please provide the following information:

1. Why do you want to use data at intervals finer than weekly?
2. Was any data modified or removed?

[ ]  Yes [ ]  No

1. What was the rationale for using this alternative approach?
2. Did you attempt to consolidate your data to week intervals for modeling? If not, why not? If so, describe the results. Was it possible to create a valid model? Compare the statistical tests for the model developed using weekly data and using data finer than weekly.
3. What is the justification for using data at intervals finer than weekly?
4. Please explain using suitable evidence which might include reasons why use of finer intervals provide a better model.
5. Have you evaluated your model for autocorrelation (a systematic pattern in the error term of the model)? If not, what evidence do you have that autocorrelation is not occurring?
6. What statistical tests have you completed to indicate that the level of autocorrelation is acceptable? Please provide the results of your analysis of autocorrelation, including the autocorrelation coefficient, the Durbin-Watson statistic, and the results from the Durbin-Watson test.