**Response to Reviewers**

Paper No. ECM-D-18-05037, Energy Conversion and Management

Title: Performance analysis and optimization of a combined cooling and power system using low boiling point working fluid driven by engine waste heat

Dear editor & reviewers,

Thank you very much for your review of our paper entitled “Performance analysis and optimization of a combined cooling and power system using low boiling working fluid driven by engine waste heat”, and for your comments and recommendations. These commends and recommendations help us to make better modifications and improve the quality of the paper. We have modified the manuscript accordingly in the revised manuscript. Please find below our response and explanations for your comments and questions.

Editor Comments:

1. The first time you use a chemical formula in the text, please write the full compound name and the formula in parenthesis.

We thank the editor for this suggestion. There are four kinds of material we used as chemical formula in the text and we have written the full compound name and the formula in parenthesis in the revised manuscript the first time it comes out. They are at Line 106: “carbon dioxide (CO2)”; at Line 956: “Oxygen (O2)”; “Water (H2O); Nitrogen (N2)”.

Reviewer #2:

1. In the Nomenclature, change the word “subscribers” to “subscripts”

We thank the reviewer for helping us find the error. It was corrected in the revised manuscript.

2. Throughout the text, approximate the numeric values to the percent symbol, that is, without space.

We thank the reviewer for helping us find the error. We have removed the space between the numeric value and the percent symbol in the revised manuscript.

3. At line 388, remove the space before “:”.

We thank the reviewer for helping us find the error. We have removed that space in the revised manuscript at Line 388.

4. At line 595, remove the article “the” before “equal”.

We thank the reviewer for helping us find the error. We have removed that “the” in the revised manuscript at Line 595.

5. At line 608, change the word “decease” by “decrease”.

We thank the reviewer for helping us find the error. We have changed the word in the revised manuscript at Line 608.