

Correction

# **Correction: Arsalis A.; Alexandrou, A.N.; Georghiou, G.E. Thermo-economic Modeling and Parametric Study of a Photovoltaic-Assisted 1 MW<sub>e</sub> Combined Cooling, Heating, and Power System. *Energies* 2016, 9, 663**

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We have found two inadvertent errors in our paper [1], and thus would like to make the following corrections:

On page 1, the last sentence of the Abstract should be changed from:

Overall the proposed system generates a total energy output of 210,520 kWh (during its whole lifetime), which translates to a unit cost of 17 €/kWh.

to the following correct version:

Overall, the proposed system generates a total electrical energy output of 52,433 MWh (during its whole lifetime), which translates to a unit cost of electricity of 0.067 €/kWh.

Furthermore, on page 14, the first two sentences of the second paragraph of the Conclusions section should be changed from:

Overall, the proposed PV-assisted CCHP system generates the following amounts of useful energy (energy that is actually utilized in the load profile throughout the total lifetime (20 years) of the system): 83,140 kWh of electrical energy, 60,960 kWh of heating energy and 66,420 kWh of cooling energy. Therefore, for a total energy output of 210,520 kWh, this results in a unit cost of 17 €/kWh.

to the following correct version:

Overall, the proposed PV-assisted CCHP system generates the following amounts of useful energy (energy that is actually utilized in the load profile throughout the total lifetime (20 years) of the system): 33,940 MWh of electrical energy, 26,580 MWh of heating energy, and 28,900 MWh of cooling energy. For comparison to a conventional system, where heating and cooling energies are supplied through an electric heat pump unit with an assumed average COP value of 3.0, the heating and cooling energies correspond to an electrical input of 8860 MWh and 9633 MWh, respectively. Therefore, for a total electrical energy output of 52,433 MWh, this results in a unit cost of electricity of 0.067 €/kWh.

The authors apologize for any inconvenience caused to the readers. The change does not affect the scientific results. The manuscript will be updated and the original will remain online on the article webpage.

## References

1. Arsalis, A.; Alexandrou, A.N.; Georghiou, G.E. Thermoeconomic Modeling and Parametric Study of a Photovoltaic-Assisted 1 MW<sub>e</sub> Combined Cooling, Heating, and Power System. *Energies* **2016**, *9*, 663. [[CrossRef](#)]



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