CORRECTION

Correction: A Geospatial Comparison of Distributed Solar Heat and Power in Europe and the US

The PLOS ONE Staff

There are formatting errors in this paper that were introduced during the typesetting process. The publisher apologizes for these errors.

There is an error in Equation 13. Please view the complete, correct equation here:

$$\eta_{CPV} = \frac{I_{MP} V_{MP}}{A_c G}$$

There are errors in the equations in the "Empirical model of HCPV module efficiency" subsection of the Appendix–Model Description and Equation Reference. Please view the complete, correct equations here:

$$I_{MP} = I_{MP0} (b_0 G_e + b_1 G_e^2) (1 + \alpha_{I_{mp}} (T_{cell} - T_{STC}))$$

$$V_{MP} = V_{MP0} (b_2 N_s \delta_{iv} \ln(G_e)) + b_3 N_s (\delta_{iv} \ln(G_e))^2 + b_8 N_s (\delta_{iv} \ln(G_e))^3 + \beta_{V_{mp}} (T_{cell} - T_{STC})$$

$$G_e \equiv (d_0 - d_1 AM) \frac{G}{G_{STC}}$$

$$T_{cell} = T_{mCPV} + \frac{G}{G_{STC}} \Delta T_{m-c}$$

$$T_{mCPV} = T_a + G \exp(a + bWS)$$

$$\delta_{iv} = \frac{n_{diode} k_b (T_{cell} + 273.15)}{e}$$

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Reference

1. Norwood Z, Nyholm E, Otanicar T, Johnsson F (2014) A Geospatial Comparison of Distributed Solar Heat and Power in Europe and the US. PLoS ONE 9(12): e112442. doi: [10.1371/journal.pone.0112442](https://doi.org/10.1371/journal.pone.0112442) PMID: [25474632](https://pubmed.ncbi.nlm.nih.gov/25474632/)