

## Accepted Manuscript

Development and application of a machine learning supported methodology for measurement and verification (M&V) 2.0

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PII: S0378-7788(17)33663-0  
DOI: [10.1016/j.enbuild.2018.02.023](https://doi.org/10.1016/j.enbuild.2018.02.023)  
Reference: ENB 8353



To appear in: *Energy & Buildings*

Received date: 8 November 2017  
Revised date: 10 January 2018  
Accepted date: 12 February 2018

Please cite this article as: Colm V. Gallagher, Kevin Leahy, Peter O'Donovan, Ken Bruton, Dominic T.J. O'Sullivan, Development and application of a machine learning supported methodology for measurement and verification (M&V) 2.0, *Energy & Buildings* (2018), doi: [10.1016/j.enbuild.2018.02.023](https://doi.org/10.1016/j.enbuild.2018.02.023)

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**Highlights**

- Detailed guidance on the use of machine learning for M&V 2.0 is presented.
- Knowledge discovery algorithms and an extended boundary of analysis minimise uncertainty.
- Real-world data demonstrates the application and robustness of the methodology.
- The optimal model developed for the case study has a CV(RMSE) of 11.23%.
- M&V is successfully completed with acceptable uncertainty in difficult circumstances.

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