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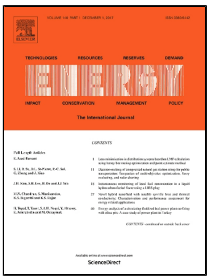

CO_2 based ventilation control in energy retrofit: an experimental assessment

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PII:	S0360-5442(17)31899-6
DOI:	10.1016/j.energy.2017.11.050
Reference:	EGY 11838
To appear in:	*Energy*
Received Date:	25 July 2017
Revised Date:	05 November 2017
Accepted Date:	08 November 2017

Please cite this article as: Luigi Schibuola, Massimiliano Scarpa, Chiara Tambani, CO_2 based ventilation control in energy retrofit: an experimental assessment, *Energy* (2017), doi: 10.1016/j.energy.2017.11.050

HIGHLIGHTS

- A DCV system was installed to serve a public library in an ancient building
- A monitoring campaign of the building-plant system was carried on
- The DCV annual performances were quantified in detail for this context
- The study shows net energy savings by DCV vs the alternative of a CAV system
- The capability to grant good comfort conditions is also confirmed