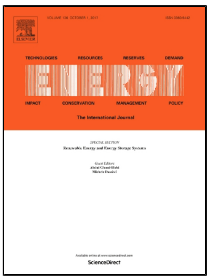
# Accepted Manuscript



Performance Enhancement of a Building-Integrated Photovoltaic Module Using Phase Change Material

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Highlights

- Simplified BIPV–PCM system has been developed.
- Novel method has been proposed to incorporate the inorganic glauber salt PCM.
- Incorporation of PCM improved the electrical efficiency by 10%.
- The BIPV-PCM cell temperature is reduced up to 8 °C compared to reference module.
- Suitability of BIPV-PCM for facades at various orientations is investigated.