

Shivam Saxena
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Paper ID - 32

Paper Title: Field Testing of Residential Bidirectional Electric Vehicle Charger for Power System Applications

Presenter: Shivam Saxena

Bio: Shivam has over a decade of experience in building software-based systems to improve the sustainability and resiliency of energy systems. Shivam has delivered over 33 smart energy projects in his career, contributing to over 15 MWh of energy savings, and has built first of their kind demonstrations for bidirectional electric vehicle charging, as well as blockchain-based energy trading. Shivam has authored over 12 peer reviewed articles during his masters and doctoral degrees, where his Masters thesis was awarded the Best Departmental Thesis award at York University in 2015. Shivam founded a clean-tech company, [Hero Energy and Engineering](#), in 2015, and also serves as an Assistant Professor in the Department of Electrical and Computer Engineering at the University of New Brunswick.

Picture: Attached