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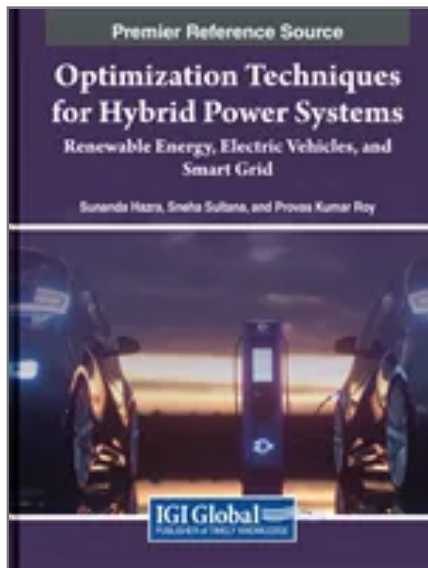
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Proficient Dynamic ED Solution With V2G Integration Along With Renewables

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Abstract

This chapter addresses the coexistence of thermal, wind, photovoltaic (PV) technologies, vehicle-to-grid (V2G), and biogas power generation as an economic dispatch (ED) problem. In the evolving field of renewable electricity generation technology, which considers sustainable development, keeping resources intact is of utmost importance. Therefore, the quest for supplements is still being researched around the globe. The development of V2G