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(54) **DISTRIBUTED POWER HARVESTING  
SYSTEMS USING DC POWER SOURCES**

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(57)

**ABSTRACT**

A system including an apparatus having a plurality of terminals including: a first terminal a second terminal, a third terminal, and a fourth terminal; and converter circuitry connected to the plurality of terminals. A first solar panel is connected to the first terminal and the second terminal. A second solar panel is connected to the third terminal. An inverter is connected to the fourth terminal. A method includes connecting the converter circuitry to the plurality of terminals of an apparatus, connecting the first solar panel to the first terminal and the second terminal; connecting the second solar panel to the third terminal; and connecting the inverter to the fourth terminal.

