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(54) **SYSTEM AND METHOD FOR
CONTROLLING HYDROGEN STACK
CURRENT AND LOAD**

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ABSTRACT

The present disclosure relates to systems and methods for controlling hydrogen stack power and load. The systems include at least one hydrogen stack, a pressure sensor, and a controller, wherein the controller is operable to increase or decrease the power to the at least one hydrogen stack in response to a change in pressure. The methods include generating hydrogen using at least one hydrogen stack, measuring the pressure of the generated hydrogen, and increasing or decreasing the power supplied to the at least one hydrogen stack in response to an increase or decrease in the pressure.

