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**Reynolds**(10) **Pub. No.: US 2024/0213504 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **CONNECTED FUEL CELL VEHICLE  
PREDICTIVE FREEZE WAKE SCHEDULING**(52) **U.S. Cl.**  
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**(US)**(57) **ABSTRACT**(21) Appl. No.: **18/086,764**(22) Filed: **Dec. 22, 2022****Publication Classification**(51) **Int. Cl.**  
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Methods and systems for operating fuel-cell systems are disclosed. The amount of time the fuel-cell system is to be shut down can be calculated using external weather-related information. The amount of time the fuel-cell system is to be shut down can also be calculated using default settings. The fuel-cell system may be used to power an electric vehicle.

