

Title: The use of SECA stacks in transportation SOFC systems.

Entity: Delphi

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Summary:

The team has been able to test SECA stacks in transportation systems, both over the road and in laboratory environments. During this period of testing, we have generated system-level performance data on SOFC transportation auxiliary power units, using ULSD diesel fuel reformat. System performance includes load cycling, emissions, fuel consumption, system efficiency, and noise measurement. SECA stacks have demonstrated their ability to be used in multi-stack applications subjected to service conditions considered to be harsher than those expected for stationary power systems.