Early Fuel Cell Market Deployments: ARRA and Combined (IAA, DLA, ARRA)

February 2011 Composite Data Products – Deployment

J. Kurtz, K. Wipke, S. Sprik, T. Ramsden, C. Ainscough, G. Saur
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February 2011
Composite Data Products – Deployment

February 10th, 2010

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TP-5600-51576
CDPARRA#01: Fuel Cell Units Delivered to Site

DOE ARRA¹ Funded Early Fuel Cell Markets: Delivered Units

1) American Recovery and Reinvestment Act
CDP ARRA#02: Fuel Cell Units in Operation
Current and Projected Quantities

DOE ARRA\(^1\) Funded Early Fuel Cell Markets: Units in Operation

Projected Operation Quantities

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<tr>
<th>Calendar Quarter</th>
<th>APU</th>
<th>Backup Power</th>
<th>Material Handling Equipment</th>
<th>Stationary</th>
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1) American Recovery and Reinvestment Act
CDP ARRA#03: Early Fuel Cell Market Deployment Sites

Material Handling Equipment (8 Sites and 504 FC Units)
Backup Power (85 Sites and 201 FC Units)
Stationary (1 Sites and 6 FC Units)
APU (1 Sites and 1 FC Units)
Early Fuel Cell Market Deployments

DOE ARRA, DOE IAA, & DOD
Government Funded Fuel Cell Units in Operation: Current and Projected Quantities

Government Funded Early Fuel Cell Markets: Units In Operation

Projected Operation Quantities

In Operation Quantity

Calendar Quarter

Fund Sources Include:
DOE ARRA, DOE IAA, DoD

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Government Funded Early Fuel Cell Market Deployment Sites

FC Unit Locations - Early Market Applications

- Material Handling Equipment (13 Sites and 618 FC Units)
- Backup Power (90 Sites and 219 FC Units)
- Stationary (2 Sites and 12 FC Units)
- APU (1 Sites and 1 FC Units)
- Bus (1 Sites and 1 FC Units)