



Technical Report NREL/TP-5600-51576 February 2011

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

NOTICE

This report was prepared as an account of work sponsored by an agency of the United States government. Neither the United States government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States government or any agency thereof.

Available electronically at http://www.osti.gov/bridge Available for a processing fee to U.S. Department of Energy and its contractors, in paper, from: U.S. Department of Energy Office of Scientific and Technical Information P.O. Box 62 Oak Ridge, TN 37831-0062 phone: 865.576.8401 fax: 865.576.5728 email: mailto:reports@adonis.osti.gov

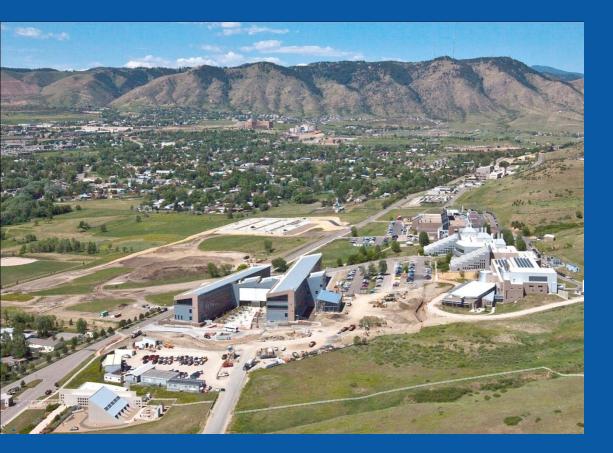
Available for sale to the public, in paper, from: U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, VA 22161 phone: 800.553.6847 fax: 703.605.6900 email: <u>orders@ntis.fedworld.gov</u> online ordering: http://www.ntis.gov/help/ordermethods.aspx

Cover Photos: (left to right) PIX 16416, PIX 17423, PIX 16560, PIX 17613, PIX 17436, PIX 17721

Printed on paper containing at least 50% wastepaper, including 10% post consumer waste.



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



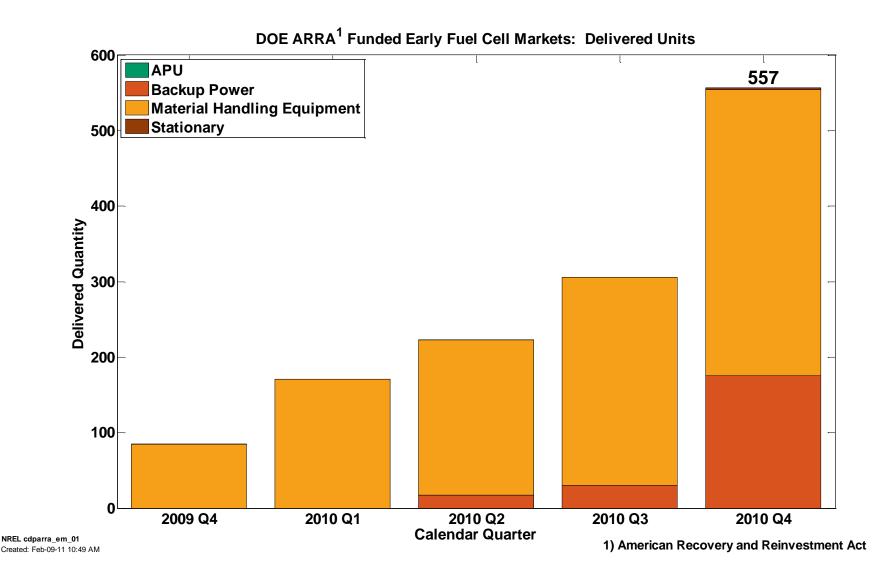
February 2011 Composite Data Products – *Deployment*

February 10th, 2010

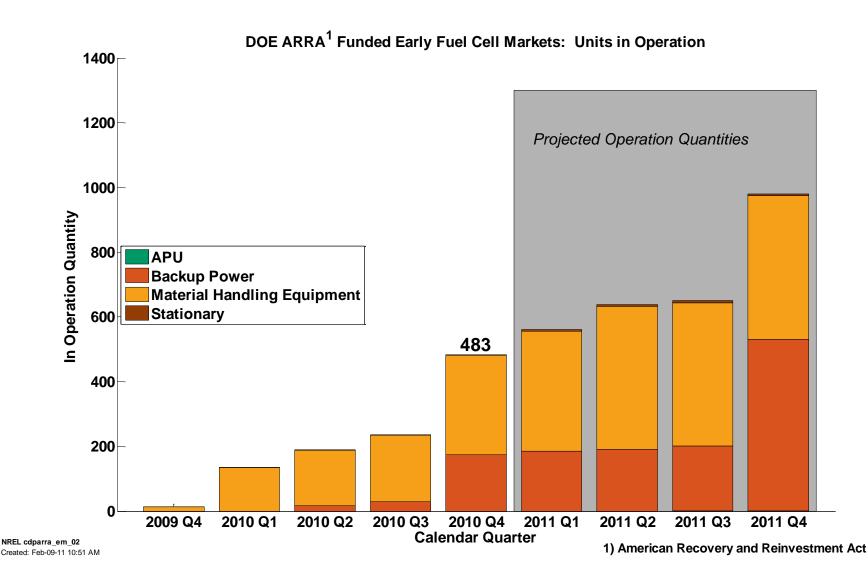
Jennifer Kurtz, Keith Wipke, Sam Sprik, Todd Ramsden, Chris Ainscough, Genevieve Saur

TP-5600-51576

CDP ARRA#01: Fuel Cell Units Delivered to Site

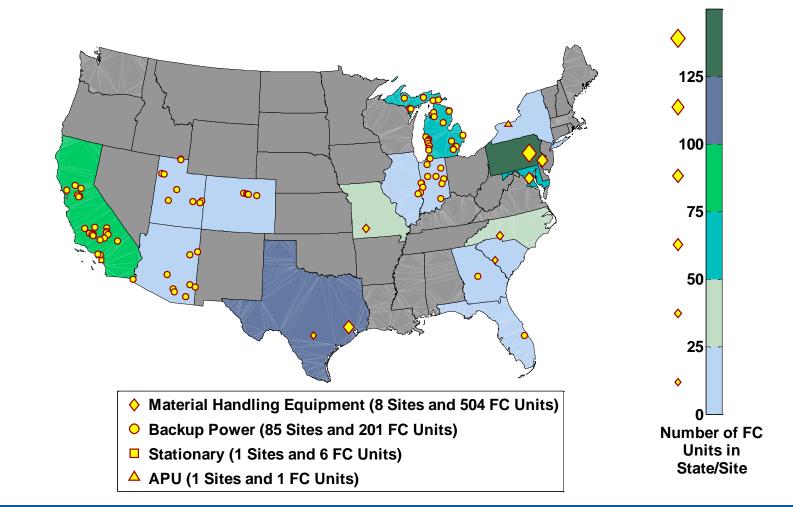


CDP ARRA#02: Fuel Cell Units in Operation Current and Projected Quantities



CDP ARRA#03: Early Fuel Cell Market Deployment Sites

FC Unit Locations - ARRA

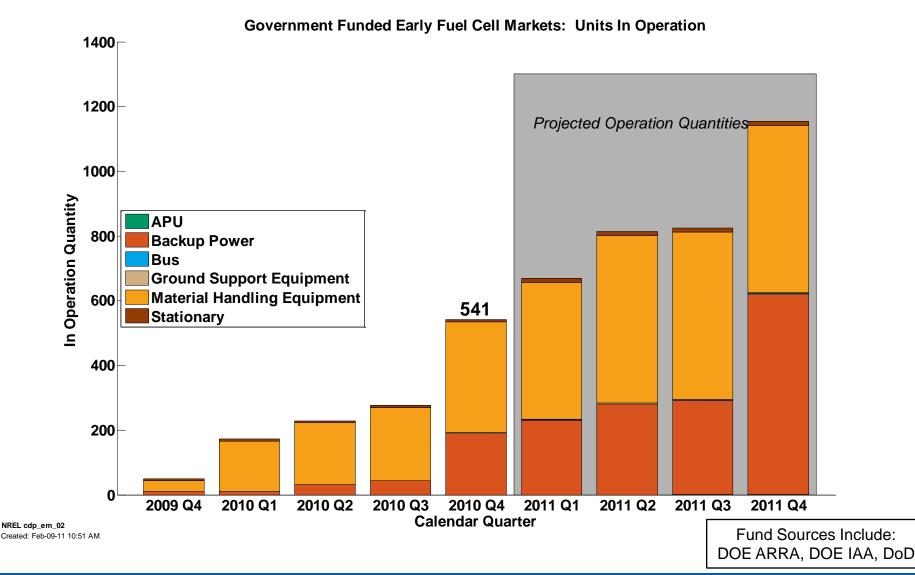


NREL cdparra_em_03 Created: Feb-09-11 10:26 AM

Early Fuel Cell Market Deployments

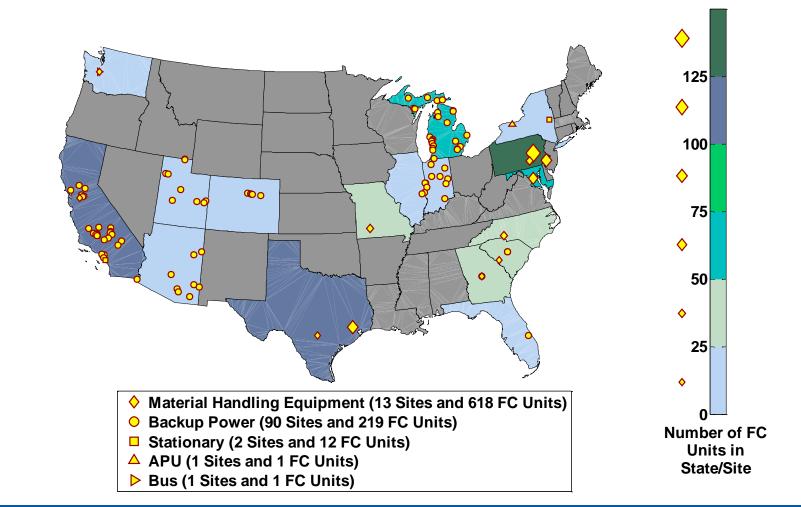
DOE ARRA, DOE IAA, & DOD

Government Funded Fuel Cell Units in Operation: Current and Projected Quantities



Government Funded Early Fuel Cell Market Deployment Sites

FC Unit Locations - Early Market Applications



NREL cdp_em_03 Created: Feb-09-11 10:26 AM