



BCSE ARRA Matrix

Tracking Stimulus Funds Supporting Clean Energy

Updated September 8, 2009

[Recent ARRA Action](#)



Outline

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Purpose of the Matrix

- The Council has issued semi-regular weekly reports tracking ARRA implementation since the bill became law in February 2009
- This matrix collects and organizes BCSE ARRA updates in a user-friendly way
- The goal is to summarize ARRA programs and direct BCSE members to the sources of funding and regulatory guidance
- The ARRA program matrix will be regularly updated by BCSE staff and posted onto the BCSE website.



BCSE ARRA Update Documents

- All the Council's reports on the American Recovery and Reinvestment Act—from suggestions during the legislative process to weekly reports of ongoing implementation activities—are available [here](#) on the BCSE website.



ARRA Overview

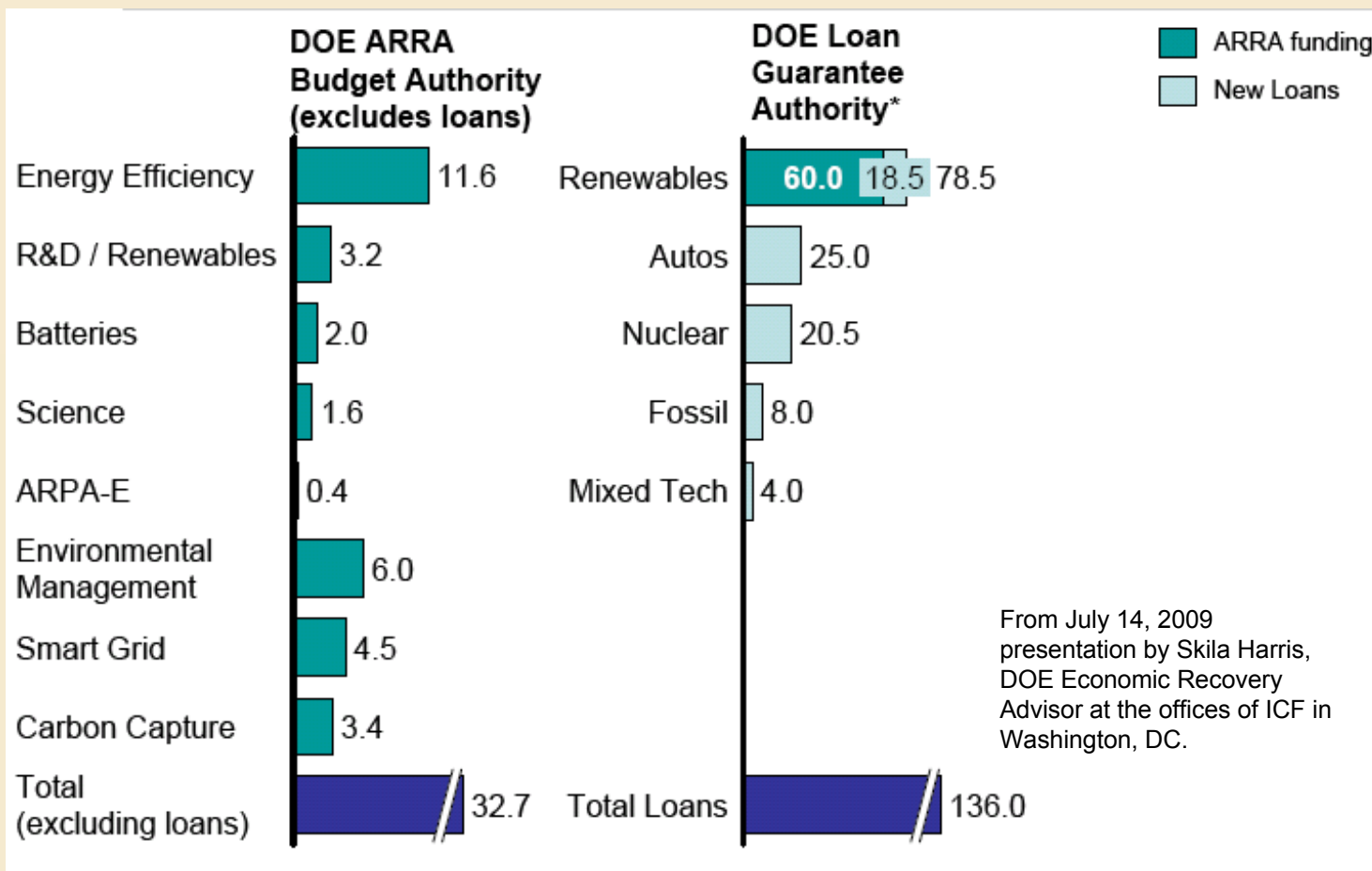
- The American Recovery and Reinvestment Act of 2009 (Pub.L. 111-5) was signed into law by President Obama on February 17, 2009.
- The \$787 billion bill was intended to provide a stimulus to the U.S. economy in the wake of the economic downturn.
- ARRA devotes approximately \$60 billion towards energy projects. Most of this funding is to be apportioned by the Department of Energy.



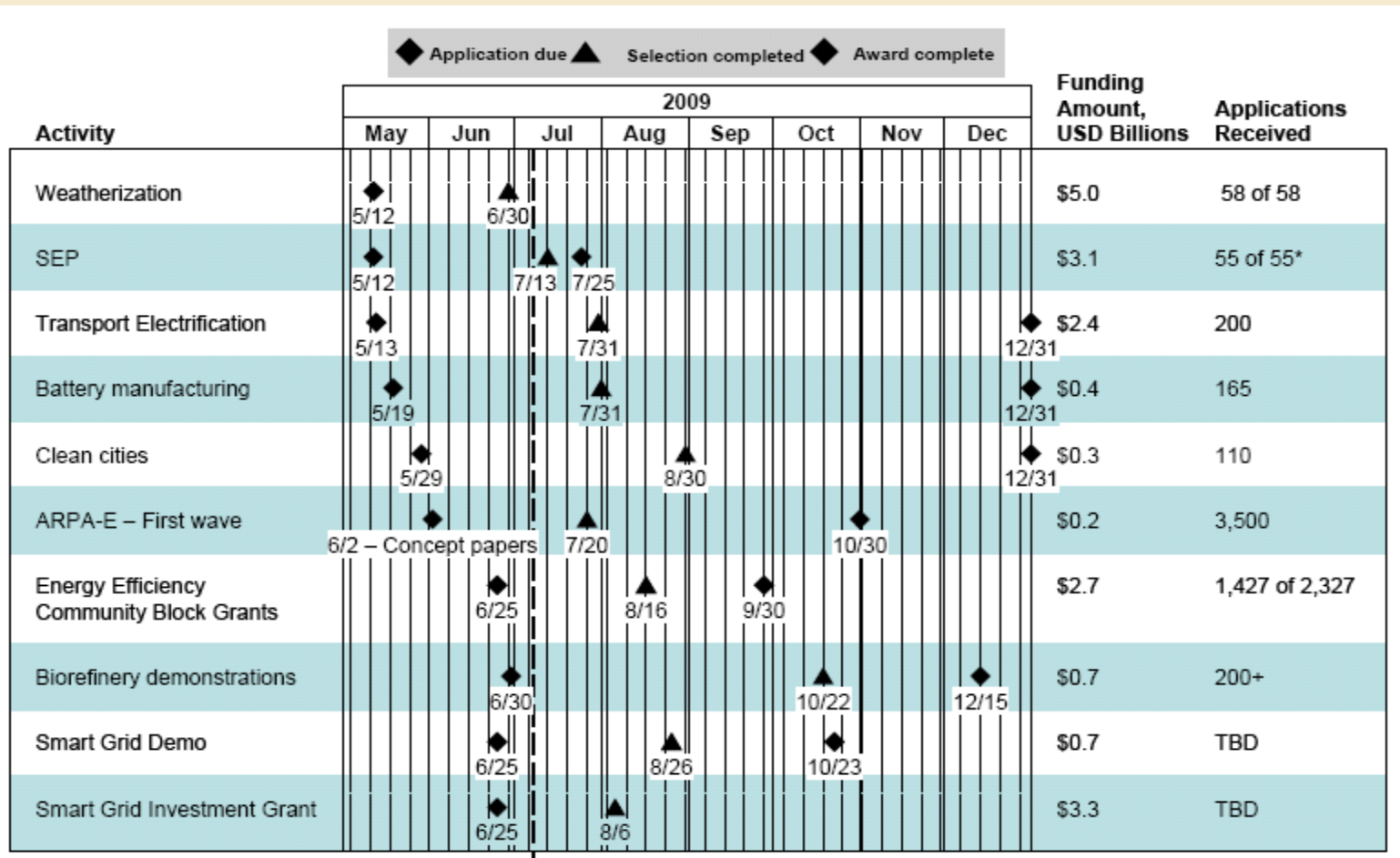
Key ARRA Contacts and Resources

- DOE Senior Advisor on Stimulus: [Matt Rogers](#)
- EE/RE Office at DOE: [Gil Sperling](#)
- Director, DOE Office of Climate Change Policy: [Stephen Eule](#)
- National Association of State Energy Officials: [David Terry](#)
- National Association for State Community Service Programs: [Rebecca Stewart](#)
- DOE Recovery [Home](#)
- DOE ARRA [Funding Opportunities](#)
- DOE ARRA [Communications, Plans, and Reports](#)
- DOE Recovery Hotline: 1 888-DOE RCVY (1 888-363-7289)
- DOE's Efficiency and Renewable Energy Office [News List-serve](#)
- DOE Recovery Act Clearinghouse ["Ask an Expert"](#)
- DSIRE [Database](#) of Federal Programs and Incentives

DOE Funding Overview



DOE Review and Award Schedule



From July 14, 2009 presentation by Skila Harris, DOE Economic Recovery Advisor, at the offices of ICF in Washington, DC.



Recent ARRA Action

Announcements and News	Guidance and Analysis	Approaching Deadlines
<ul style="list-style-type: none">9/4/2009-- Vice President Biden Delivers First Quarterly Report to the President on Recovery Act Progress. PR; Full Report.9/1/2009-- Treasury, Energy Announce \$500 Million in Awards for Clean Energy Projects. Full Story.8/25/2009-- Obama Administration Delivers More than \$101 Million for Weatherization Programs in Guam and Pennsylvania. Full story.8/14/2009-- Obama Administration Awards More than \$119 Million for State Energy Programs in Seven States and Territories. Full Story.	<ul style="list-style-type: none">9/3/2009-- D.O.E. Loan Guarantee Program: "How to Build a Strong Application" Webinar. Registration.8/13/2009-- DOE Announces Advanced Energy Manufacturing Tax Credit (48C), due 9/15/2009. Announcement; Application; Eligible Projects; Analysis.7/9/2009-- Treasury Issues Guidance on Payments for Energy Property in Lieu of Tax Credits. Treasury Guidance ; Analysis 1; Analysis 2.	<ul style="list-style-type: none">Due 9/14/2009--Loan Guarantee: 1703: Innovative Energy Efficiency, Renewable Energy and Advanced Transmission and Distribution Technologies. FOA and Application;Due 9/14/2009-- Loan Guarantee: 1705: Advanced Transmission and Distribution Technologies. FOA and Application.Due 10/9/2009-- Grant: Local Energy Assurance Planning Initiative. FOA and Application.Due 10/10/2009-- Tax: 1603-Grants in lieu of Tax Credits. Terms and Conditions; Registration; Questions.



I. General Renewables

Legislation / Updates	Project Finance	Funding Opportunities
<ul style="list-style-type: none">July 9 — Treasury Issues Guidance on Payments for Energy Property in Lieu of Tax Credits. Treasury Guidance ; Analysis 1; Analysis 2.IRS Issues New Guidance on Renewable Energy Tax Credits. Full Text of IRS Notice.First ARPA-E Funding Opportunity Announcement. Press Release.	<ul style="list-style-type: none">DOE Previews up to \$22M for Community Renewable Energy Deployment Projects. DOE Announcement.Obama Administration Announces Billions in Lending Authority for Renewable Energy Projects and to Modernize the Grid. DOE Press Release.8/13/2009-- DOE Announces Advanced Energy Manufacturing Tax Credit (48C), due 9/15/2009. Announcement; Application; Eligible Projects; Analysis.	<ul style="list-style-type: none">DOE Announces Advanced Energy Manufacturing Tax Credit (48C). Details.Treasury / DOE Now Accepting Applications for Funding Renewable Energy Projects. Project Applications; DSIRE.President Obama Announces Over \$457 Million for Geothermal and Solar. DOE Announcement.Grants for Small Business Innovation Research and Technology Transfer (Due 9/4/2009). FOA and Application.



II. Wind

Legislation / Updates	Project Finance	Funding Opportunities
<ul style="list-style-type: none">July 9 — Treasury Issues Guidance on Payments for Energy Property in Lieu of Tax Credits. Treasury Guidance ; Analysis 1; Analysis 2.DOE Releases National Wind Power Assessment. Full DOE Report.	<ul style="list-style-type: none">8/13/2009-- DOE Announces Advanced Energy Manufacturing Tax Credit (48C), due 9/15/2009. Announcement; Application; Eligible Projects; Analysis.DOE Previews up to \$22M for Community Renewable Energy Deployment Projects. DOE Announcement.	<ul style="list-style-type: none">DOE Announces \$45M for Large Wind Turbine Drivetrain Testing Facility. DOE Announcement; FOA Point of Contact.1603-Grants in lieu of Tax Credits. Application.Grants for Small Business Innovation Research and Technology Transfer (Due 9/4/2009). FOA and Application.



III. Hydro

Legislation / Updates	Project Finance	Funding Opportunities
<ul style="list-style-type: none">July 9 — Treasury Issues Guidance on Payments for Energy Property in Lieu of Tax Credits. Treasury Guidance ; Analysis 1; Analysis 2.	<ul style="list-style-type: none">8/13/2009-- DOE Announces Advanced Energy Manufacturing Tax Credit (48C), due 9/15/2009. Announcement; Application; Eligible Projects; Analysis.DOE Previews up to \$22M for Community Renewable Energy Deployment Projects. DOE Announcement.Loan Guarantees for Innovative Projects (Part I due 9/14/2009). FOA and Application.	<ul style="list-style-type: none">DOE Announces \$32M for Hydroelectric Facility Modernization. Grant Info and Application.1603-Grants in lieu of Tax Credits. Application.Grants for Small Business Innovation Research and Technology Transfer (Due 9/4/2009). FOA and Application.



IV. Solar

Legislation / Updates	Project Finance	Funding Opportunities
<ul style="list-style-type: none">HR-3183 passes 320-97, appropriates \$33.3B for Energy, Water, and Nuclear Programs, Including \$259 million for solar technology. Details on Legislation.	<ul style="list-style-type: none">8/13/2009-- DOE Announces Advanced Energy Manufacturing Tax Credit (48C), due 9/15/2009. Announcement; Application; Eligible Projects; Analysis.DOE Previews up to \$22M for Community Renewable Energy Deployment Projects. DOE Announcement.1603-Grants in lieu of Tax Credits. Application.	<ul style="list-style-type: none">DOE Previews up to \$52.5M for Concentrating Solar Power R&. Announcement.President Obama Announces Over \$457 Million for Geothermal and Solar. DOE Announcement.Grants for Small Business Innovation Research and Technology Transfer (Due 9/4/2009). FOA and Application.



V. Geothermal and Biofuels

Legislation / Updates	Project Finance	Funding Opportunities
<ul style="list-style-type: none">July 9 — Treasury Issues Guidance on Payments for Energy Property in Lieu of Tax Credits. Treasury Guidance ; Analysis 1; Analysis 2.	<ul style="list-style-type: none">DOE Previews up to \$22M for Community Renewable Energy Deployment Projects. DOE Announcement.Funding for development of Algae Based Biofuels and development of Advanced Cellulosic Biofuels (Due 9/15/2009). FOA and Application.Federal Loan Guarantee for Innovative Projects (Due 9/14/2009). FOA and Application.	<ul style="list-style-type: none">DOE Announces \$85M for Development of Algal/Advanced Biofuels Consortia. DOE Alert; Grant Information.President Obama Announces Over \$457 Million for Geothermal and Solar. DOE Announcement.DOE Announces \$50M to Accelerate Deployment of Geothermal Heat Pumps. DOE Announcement.Geothermal Technologies Program (GTP) FOA, Total \$170M, Ceiling Request \$5M. Funding Requests; Point of Contact at DOE.



VI. Energy Efficiency

Legislation / Updates	Project Finance	Funding Opportunities
<ul style="list-style-type: none">July 9 — Treasury Issues Guidance on Payments for Energy Property in Lieu of Tax Credits. Treasury Guidance ; Analysis 1; Analysis 2.Administration Announces \$346M in New Energy Efficiency Efforts, including lighting, building initiatives, residential and commercial initiatives, and state lighting research. Full Coverage.EPA Releases its Rapid Deployment Energy Efficiency Tool Kit. Overview.	<ul style="list-style-type: none">DOE Announces Loan Guarantee for Innovative Energy Efficiency, Renewable Energy and Advanced Transmission and Distribution Technologies (Part I due 9/14/2009). Apply; Email.Grants for Small Business Innovation Research and Technology Transfer (Part I due 9/4/3009). Announcement; Apply.	<ul style="list-style-type: none">DOE Announces \$296M Program to Encourage Purchases of Energy Efficient Appliances. DOE Announcement; Grant Info and Application.DOE Announces \$7.5M to Train Commercial Building Energy Specialists. DOE Announcement.DOE Announces \$25M to Build America Energy Efficient Housing Partnerships DOE Announcement and Grant Application.DOE Announces \$25-75M to develop Advanced Energy Efficient Building Technologies. DOE Announcement and Grant Application.



VII. Transmission and SmartGrid

Legislation / Updates	Project Finance	Funding Opportunities
<ul style="list-style-type: none">▪ HR-3183 passes 320-97, appropriates \$33.3B for Energy, Water, and Nuclear Programs, including \$208 million for improving the nation's energy grid. Details on Legislation.	<ul style="list-style-type: none">▪ Obama Administration Announces Billions in Lending Authority for Renewable Energy Projects and to Modernize the Grid. DOE Press Release.▪ Leap Initiative Grants Available (Part I due 10/9/2009). Application and FOA.▪ Loan Guarantee for Advanced Transmission and Distribution Technologies (Part I due 9/14/2009). Application and FOA.	<ul style="list-style-type: none">▪ Administration Highlights \$3.9B in FOA's Expiring in August for Smart Grid Technologies and Electric Transmission Infrastructure. Info on Final FOAs; Additional Info from DOE.▪ DOE Announces up to \$57M to Advance Smart Grid Development. DOE Announcement.▪ DOE Announces Funding Opportunities for Smart Grid Projects. Grant Program; Demonstrations.



VIII. State Energy Programs

Legislation / Updates	Project Finance	Funding Opportunities
<ul style="list-style-type: none">July 9 — Treasury Issues Guidance on Payments for Energy Property in Lieu of Tax Credits. Treasury Guidance ; Analysis 1; Analysis 2.	<ul style="list-style-type: none">DOE Previews up to \$22M for Community Renewable Energy Deployment Projects. DOE Announcement.	<ul style="list-style-type: none">\$204 Million in ARRA State Energy Program (SEP) funds dispersed to 10 States. DOE Announcement; Arizona, Kansas, Massachusetts, Michigan, Utah, Maine, Idaho, Washington, California, Iowa, New York, Colorado, New Hampshire, and Ohio.Obama Administration Awards additional \$162M for State Energy Programs. DOE Announcement.State Energy Efficient Appliance Rebate Program. FOA and Application.



Questions and/or Comments

- Please do not hesitate to contact the Council's staff with any questions or concerns you may have related to ARRA issues:
 - [Ruth McCormick](#), Senior Policy Associate
 - [Becky Blood](#), Senior Advisor and ARRA Programs Head
 - [Jack Thirolf](#), Policy Associate