



Item #3

Metropolitan Washington DC Region Clean Energy Collaborative Procurement Initiative

January 2012

www.epa.gov/cecp



Agenda

- Program Overview
- Current Status
- Regional Impact
- Agency Benefits
- Next Steps

Metro DC Clean Energy Collaborative Procurement Initiative

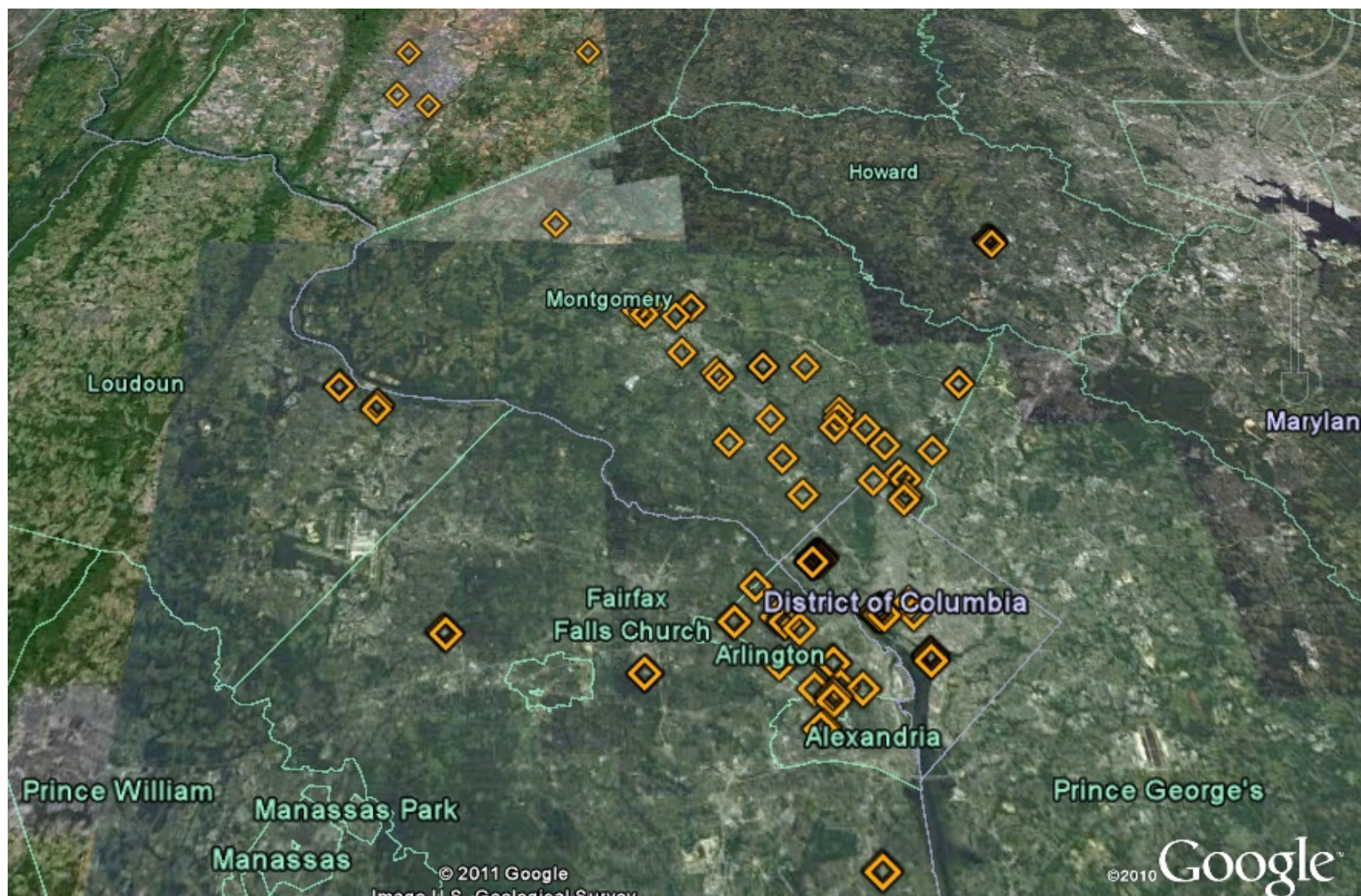
- Launched by EPA's Green Power Partnership
 - Based on successful Silicon Valley collaborative model
 - Public partners including Federal, Local, Higher Education
 - Focused on agencies in the greater Washington DC Area



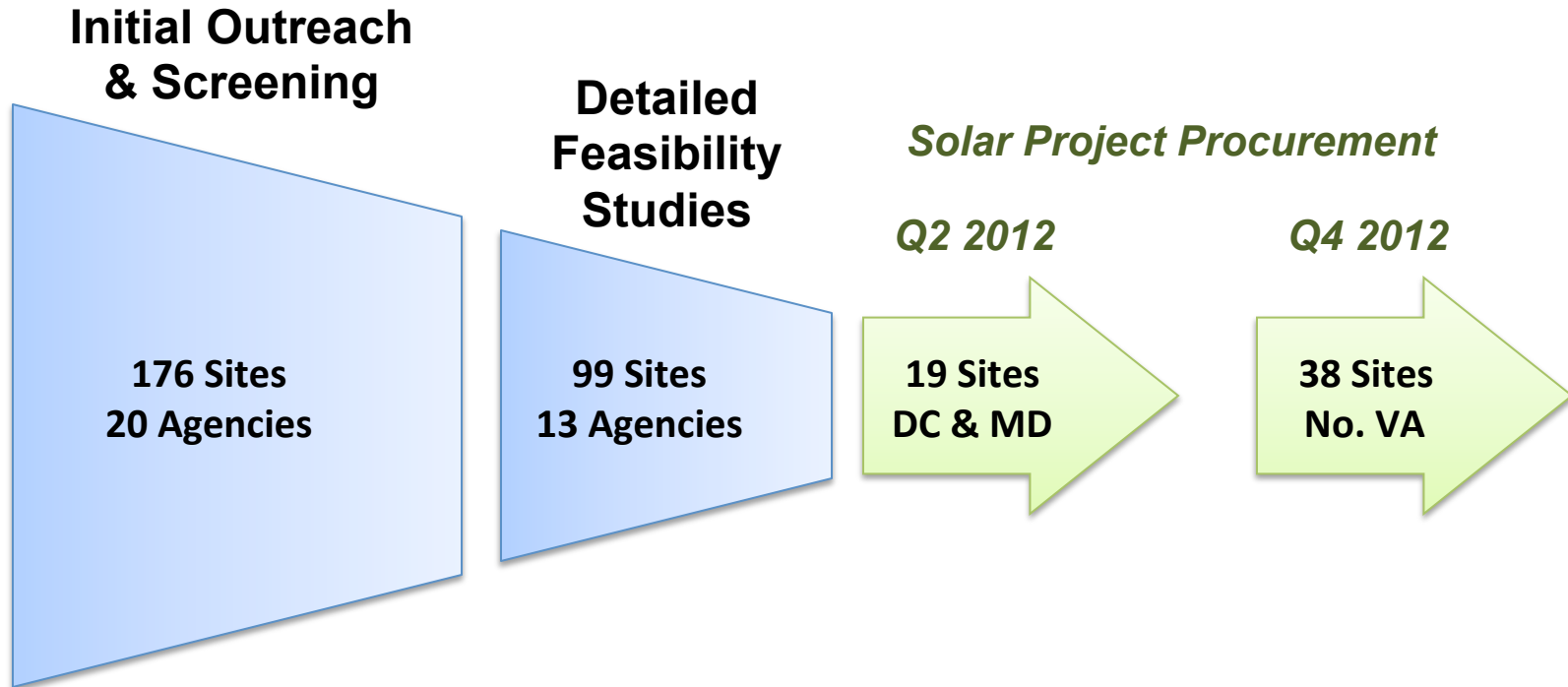
Mission:

To develop an effective and collaborative platform for deploying clean energy (predominately solar PV) across multiple government and educational organizations for maximum impact on installed solar systems, the local economy, and regional environment.

176 Sites Reviewed Across 20 Agencies



Solar Potential Evaluation Process



Metro DC Area Potential Benefits



*57 High-Potential Sites across 9 Agencies
42MW combined solar PV potential
If 80% Goes forward...*

33 MW of new solar capacity
Producing over 28 million kWh per year

Drive \$132M in local economic activity
Create 780 green jobs for at least 1 year

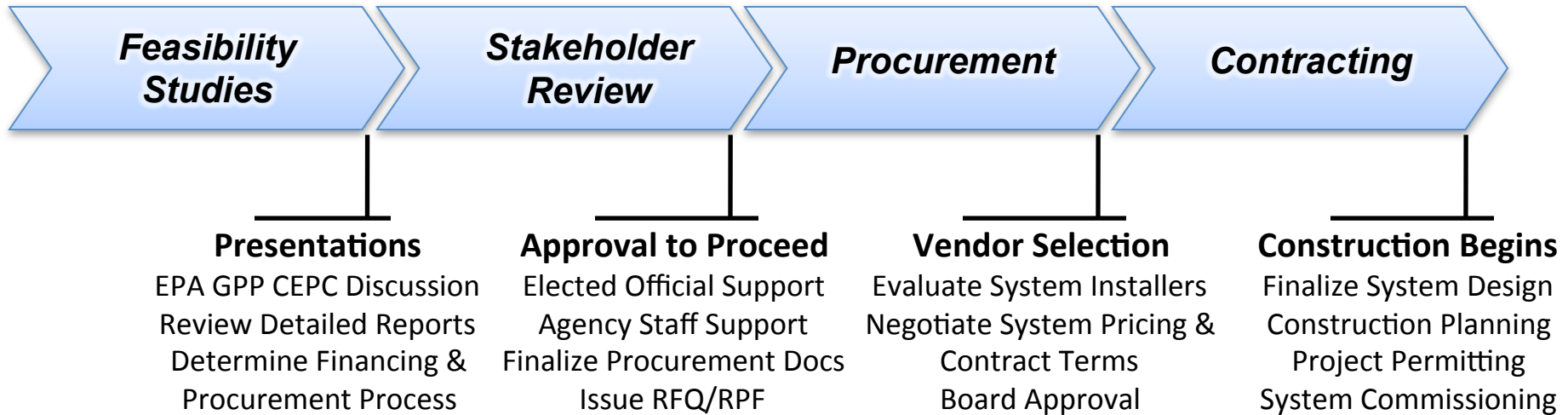
Enough energy to power 2,200 Homes
Double the 2010 rooftop solar goal

Equivalent reduction of 26,700 MT CO₂/year
Or planting over 5,700 acres of trees

Agency Benefits By Location

- ALL Agencies:
 - Achieve Strategic Sustainability Plans faster by working together
 - Aggregation yields greater market interest and better pricing (10% - 15%)
 - Dramatically reduce transactions costs and administrative effort (50% - 75%)
- Demonstrate leadership nationally, regionally and locally
- DC & Maryland
 - Capture SREC values to reduce project or PPA prices
 - Offset high energy costs while achieving clean energy goals
- Virginia
 - Need to tap into Dominion Power clean energy programs
 - Can achieve significant progress toward regional sustainability goals

CECP Project Next Steps



Project Contacts

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ABOUT EPA GREEN POWER PARTNERSHIP

The Green Power Partnership is a voluntary program that supports the organizational procurement of green power by offering expert advice, technical support, tools and resources. Partnering with EPA can help your organization lower the transaction costs of buying green power, reduce its carbon footprint, and communicate its leadership to key stakeholders. www.epa.gov/greenpower

Credible Benchmarks

Metric for “How much green power is enough?”

Definition of eligible renewables

Planning & Implementation Resources

Green power locator

Purchasing guidance

Marketing and communications support

Environmental benefits calculator

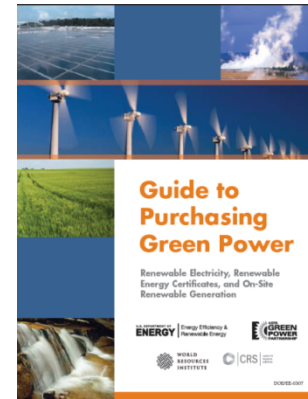
Recognition

Top Partner Lists

Green Power Leadership Awards

Promotional opportunities

Use of the Partner logo

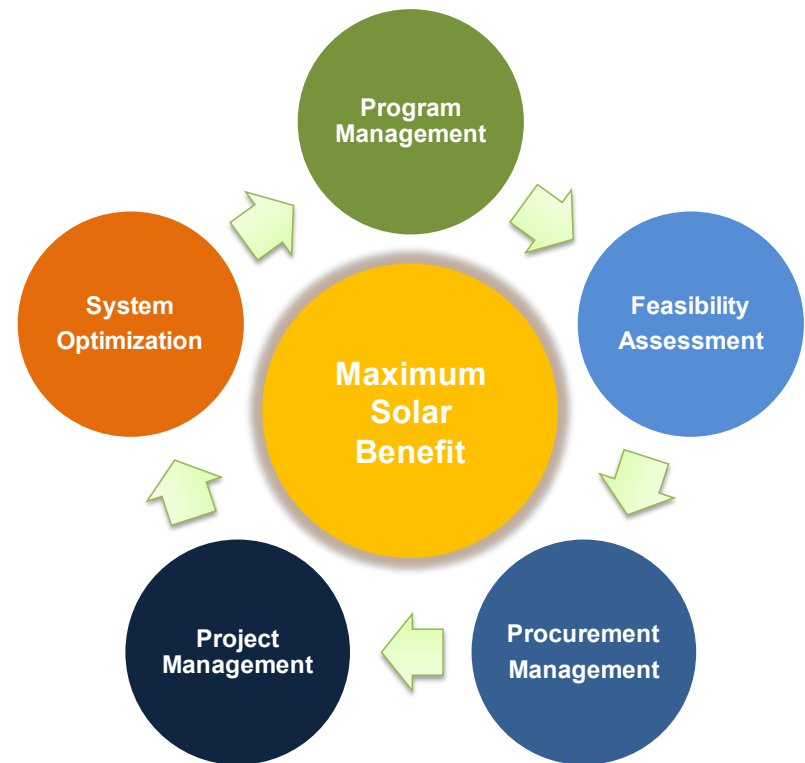


ABOUT OPTONY INC.

Optony develops and deploys solar best practices across the entire solar project lifecycle for government agencies, schools and commercial organizations.

Working with clients across all phases of solar projects creates deep insight into true performance drivers which is used to reduce costs and improve performance at any stage in the process.

www.optony.com



“Optony’s consulting service is a must-have for any organization considering an investment in solar. Based on Optony’s comprehensive analysis and recommendations, we now have a low-risk, high-return solar strategy.”

