



FEMP Renewable MYPP – Summary

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- Meetings to Gather Input on FEMP MYPP:
 - EERE Program Meetings:
 - Water Power
 - Solar Energy Technologies Program
 - Biomass Program
 - Woody Biomass Utilization Group (Woody Bug)
 - Office of Electricity
 - Agency Meetings:
 - NASA
- Draft of Strategic Action Plan

- Water Power Program Plans:
 - Marine & Hydrokinetic Technologies (MHK)
 - Focus on demonstration pilot projects, resource assessments & establishing baseline costs
 - Conventional Hydropower
 - Upgrades at existing generating dams & new power at existing dams (the larger opportunity, but not consistent with EPA Act)
- Potential FEMP Assistance/Collaboration:
 - Engage Water Program as hosts and/or power purchasers of pilot projects to help with barriers & get direct tech transfer to potential users
 - Follow on to Water Program resource assessments – assist with developing PEIS to get siting & assessment work done and then use that to attract development

- Areas for Follow-up Action:
 - Collaboration/cooperation as MOUs with BuREC and USACE are implemented
 - Collaboration on consistent & more expansive definition of incremental hydropower
 - Collaborate to determine qualified hydropower for Federal facilities that could be used to firm up wind or solar projects that are either generated on federal lands or purchased from the market
 - Future FOAs – allowing Federal agencies to be part of a response
 - GIS mapping data on Federal facilities
 - NREL incremental hydro ESPC study
 - Pay attention to PMA long-term energy contracts that are expiring

- **Biopower Subprogram Plans:**
 - Biopower initiative newly added to EERE/Biomass FY 2011 Budget Request
 - Biopower strategy entails utility-scale demonstration projects with focus on co-firing with coal
 - 500 MW of generation capacity by 2016-2017
- **Common/Overlapping Interests with FEMP:**
 - Characterization of biomass feedstock
- **Potential FEMP Assistance/Collaboration:**
 - Biomass public outreach – Program is working on messaging
- **Areas for Follow-up Action:**
 - Definition of biomass
 - Determine federal agency co-firing opportunities

- PV Subprogram Plans:
 - Focus on utility-scale demonstration projects
 - New technology transfer
 - Refocus of efforts on main markets: utility, commercial, and residential
 - Government Solar Installation Program strategy:
 - Engage GSA at regional level
 - Minimize random projects
 - Agency prioritization by footprint

- OE Plans:
 - Demonstration Projects from OE Smart Grid Solicitation
- Areas for Follow-up Action:
 - Presentation/dissemination of information on demonstration projects from OE Smart Grid Solicitation to working groups
 - Renewable Energy and Smart Power Infrastructure Demonstration for Energy Reliability and Security (SPIDERS)
 - Define other areas for collaboration

- NASA's Plans:
 - Nearing completion of NASA renewable resource assessments
 - On-site renewable energy projects in development:
 - 30-MW wind project
- Potential FEMP Assistance:
 - Early project planning (near-term opportunities):
 - Two 500-kW PV projects
 - Enhanced Use Lease issues:
 - In kind consideration
- Follow-up Discussion:
 - Hosted projects

- Hold More Agency & EERE Program Meetings:
 - DoD
 - Army
 - Wind Program
 - Buildings Program
 - Other meetings
- Market Analysis
- Draft of MYPP

- **Objective:**

- To directly assist federal agencies in order to meet their sustainability goals through the successful installation of solar.
- Supply detailed information and examples that demonstrate the methods utilized by federal agencies to successfully procure solar energy and share lessons learned from those experiences.

- **Audience:**

- Hands-on use by federal facility managers, procurement officers, and project managers.

- **Available Oct 5:**

- http://www1.eere.energy.gov/solar/federal_guide/
- Webinar planned December 14, 2010

