

## Environment Supplemental Projects – Summary View

Updated July 1, 2010

<b>2010 Key Projects</b>	
<b>Title</b>	<b>Product ID</b>
Advanced Water-Conserving Cooling Technologies Development and Demonstration	1018028
Environmental and Economic Assessment of a Full Electric Transportation Portfolio	1020216
Environmental Aspects of Renewable Energy Interest Group	1020786
“Fish-Friendly” Hydropower Turbine Engineering Development and Deployment	1020872
Improving Emission Offset Estimates and Understanding Their Use as a Compliance Option Under Evolving Climate Policies	1020530
Monitoring Greenhouse Gas Emissions from Hydropower Reservoirs	1021395
Ohio River Trading Program for Water Quality and Greenhouse Gases	1018855
Prism 2.0 Regional Energy and Economic Model Development and Initial Application	1021278
Technical Information to Support Scientifically Sound Coal Combustion Products Regulation	1021448

<b>Air Quality</b>	
<b>Title</b>	<b>Product ID</b>
Children's Air Pollution Asthma Study: Part of the ARIES Program	1012631
Fugitive Emissions from Power Plants	1021282
Health Effects of Air Pollution and Particulate Matter Components: Texas ARIES	1011392
Health Research to Inform the Revision of the Arsenic Cancer Potency Factor	1014861
Mercury Chemistry Measurement in Power Plant Plumes: Intensive Field Study Phase 2	1018735
Michigan Integrated Cohort and Animal Particle Study	1018502
Non-Road Mobile Source Emissions Inventory Improvements	1016394
Pittsburgh Aerosol Research Inhalation Epidemiology Study: Identification of Air Pollution Components Associated with Health Responses	1016372
Regional PM Characterization to Enable Source-Receptor Modeling: Data Collection	1009007
Screening Risk Assessment of Utility HAPs Emissions	1018108

## Global Climate Change

Title	Product ID
Assessing the Impact of Climate Policy on Retrofit Investment in Fossil Generation	1018685
Assessing the Implications of Energy and Environmental Policy for Generation Asset Strategy	1020883
Corporate Climate Change Policy Risk Assessment	1014616
Creating Greenhouse Gas Emission Offsets from Avoided Deforestation in the Amazon's Xingu River Basin	1018060
Developing GHG Emissions Offsets by Reducing Nitrous Oxide (N <sub>2</sub> O) Emissions in Agricultural Crop Production: Phase 2	1020331
Enhanced Assessment of Costs and Benefits of Climate Policy Proposals	1018331

## Land and Groundwater

Title	Product ID
Agricultural Uses of Gypsum and Other Products from Flue Gas Desulphurization Systems	1014637
Beneficial Use of Coal Fly Ash for Road Base Fill: Environmental Monitoring	1018478
Biogeochemical Management of Ash Pond Sediment	1007131
Green Substations Interest Group	1020338
Hazardous Air Pollutants Information Collection Request Test Data Review	1021277
In-Situ Fixation and Sequestration of Metallic Contaminants	1014769
MANAGES Forum - Support for Compliance Managers: Groundwater Monitoring, Data Management, and Site Management	1014584
Mercury Characterization and Control Interest Group	1016404
Power Plant Decommissioning Interest Group	1020460
Soil Hydrocarbon Exposure Protocol	1018161
Surfactant Enhanced In-Situ Chemical Oxidation Treatment of MGP Contaminants	1018365
Toxic Release Inventory for Power Plants (LARK-TRIPP) User's Group 2010	1020333

## Occupational Health and Safety


Title	Product ID
Design of Electric Industry Substations for Enhanced Ergonomics and Worker Safety	1018333
Ergonomics of Vegetation Management Tasks	1016975
Ergonomics and Worker Safety for Construction, Operation, and Maintenance of Wind Turbines	1020910
Fleet Vehicle Ergonomics for Operators and Mechanics	1018121
Occupational Health and Safety Trends Database: Customized Analysis	1014506

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<b>Sustainability</b>	
<b>Title</b>	<b>Product ID</b>
<a href="#">Energy Sustainability Interest Group 2010</a>	1020485

<b>T&amp;D Environmental Issues</b>	
<b>Title</b>	<b>Product ID</b>
<a href="#">Assessing Performance of Integrated Vegetation Management on Electric Transmission Rights-of-Way</a>	1013274
<a href="#">Collaborative, Long-Term Vegetation Management Field Studies on Power Line Corridors in North America</a>	1015211
<a href="#">Environmental and Human Health Risk Management for Aging Infrastructure</a>	1018006


<b>Water</b>	
<b>Title</b>	<b>Product ID</b>
<a href="#">American Eel Interest Group</a>	1019333
<a href="#">Assessing the Impact of Climate Change on Water Availability for Power Generation</a>	1015484
<a href="#">Best Management Practices for Preventing Cooling Water Intake Blockage</a>	1016319
<a href="#">Cooling Water Intake Debris Best Management Practices Interest Group</a>	1020477
<a href="#">Design Optimization of a Vertical Flow Wetland to Remove Se/Hg in FGD Waste Water</a>	1018538
<a href="#">Environmental Benefits and Economic Costs of a Potential National Retrofit to Closed-Cycle Cooling Systems</a>	1020529
<a href="#">Evaluation of Fine-Mesh Traveling Screen Performance in Sediment- and Debris-laden Rivers</a>	1020177
<a href="#">Mercury/Selenium FGD water treatment: 2009 Studies</a>	1018486
<a href="#">Pacific Gas &amp; Electric Company WaveConnect™ Partnership</a>	1020205
<a href="#">Scientific Evaluation of Arsenic Water Quality Criteria: Speciation and Bioaccumulation Issues</a>	1014340
<a href="#">Site-Specific Water Quality Criteria for Selenium: Development of Implementation Analysis Protocol</a>	1016481
<a href="#">Utility Marine-Energy Interest Group (UMIG)</a>	1016411
<a href="#">Water Demands and Availability for Power Generation</a>	1008978
<a href="#">Watershed Management for TMDLs, Water Quality Trading, and Hydro Relicensing</a>	1009076
<a href="#">Western Region Research Center on Energy and Water Sustainability</a>	1014339

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