

**NOTE:** The tools and resources listed here will be described in more detail in a forthcoming online database to be posted at:  
[www.epa.gov/cleanenergy/stateandlocal/index.htm](http://www.epa.gov/cleanenergy/stateandlocal/index.htm)  
 The database will be released in mid 2007. For more information, contact Niko Dietsch:  
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## TOOLS & RESOURCES IN-BRIEF

Tools & Resources	Brief Description	Policy Impacts Addressed				
		Air Pollution	GHGs	Econ-omics	Energy	Human Health
ENERGY & AIR QUALITY POLICY INTEGRATION						
Clean Air and Climate Protection Software (CACPS)	software calculates air pollutant and GHG impacts of policy options	X	X	X	X	
State Implementation Plan Guidance for EE/RE Measures	guidance document with info for voluntarily including clean energy in SIPs	X			X	
Supplemental Environmental Projects Toolkit	comprehensive reference on using enforcement dollars to fund EE/RE	X		X	X	
Mitigation Impact Screening Tool (MIST)	software calculates air and energy benefits of heat island strategies	X			X	
ENERGY EFFICIENCY						
Portfolio Manager	web tool tracks building performance and benchmarks on 1-100 scale; identifies investment opportunities			X	X	
Target Finder	web tool helps plan for future energy management during building design phase				X	
Cash Flow Opportunity (CFO) Calculator	spreadsheet estimates how much EE can be purchased now by future savings			X	X	
Cool Roofing Comparison Calculator	calculator provides building-specific estimates of savings from ENERGY STAR roofs			X	X	
RENEWABLE ENERGY						
Power Profiler	web tool evaluates the environmental characteristics of end-use power consumption	X	X		X	
ECONOMICS						
RMI Community Energy Opportunity Finder	web site calculates energy, air, and economic benefits of community-level EE	X	X	X	X	
State Carbon Intensity Database	database measures GHG emissions in relation to value of production activities that generate them		X	X		

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PUBLIC HEALTH						
Co-Benefits Risk Assessment Tool (COBRA)	screening tool estimates impact of emission changes on health and monetizes impacts	X		X		X
DATABASES & EMISSIONS						
State Inventory Tool	advanced spreadsheet helps develop state-level GHG emissions inventory; includes default data for each state		X			
Emissions Forecasting Tool	advanced spreadsheet creates state-level forecasts of business-as-usual GHG emissions through 2020		X			
Emissions & Generation Resource Integrated Database (eGRID)	downloadable database contains information on emissions attributes of all U.S. electric power generation	X	X		X	
GHG Equivalencies Calculator	web site translates GHG reductions from scientific units into terms that are easy to conceptualize	X	X		X	
State Energy CO2 Data Tables	tables contain state by state CO2 emissions from energy use by sector through 2000		X		X	
WASTE MANAGEMENT						
Waste Reduction Model (WARM)	Software helps track and voluntarily report GHG reductions from waste management practices		X		X	
E-Plus	Software performs financial and environmental benefits analysis of landfill gas projects		X	X	X	
Landfill Gas Emissions Model (LandGEM)	automated tool for estimating air emissions from municipal solid waste landfills	X	X		X	
OTHER RESOURCES						
Clean Energy Funding Opportunities Directory	52-page guide to identify financial and technical assistance opportunities	X	X	X	X	X
Clean Energy Case Study Series	6-8 page reports focus on innovative examples of state and local clean energy actions	X	X	X	X	X
Clean Energy-Environment Partnership Web Site	site provides partners with information to develop a clean energy action plan	X	X	X	X	X
Urban Heat Islands Web Site	site includes basic information about the heat island effect, as well as detailed case studies	X	X	X	X	X

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## OTHER CLEAN ENERGY TOOLS & RESOURCES

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### **DOE Building Energy Software Tools Directory:** Categories include –

#### Whole Building Analysis

Energy Simulation  
Load Calculation  
Renewable Energy  
Retrofit Analysis  
Sustainability/Green Buildings  
Codes & Standards

#### Building Codes

#### Materials, Components, Equipment, & Systems

Envelope Systems  
HVAC Equipment and Systems  
Lighting Systems

#### Other Applications

Atmospheric Pollution  
Energy Economics  
Indoor Air Quality  
Multibuilding Facilities  
Solar/Climate Analysis  
Training  
Utility Evaluation  
Validation Tools  
Ventilation/Airflow  
Water Conservation  
Misc. Applications

Availability: See

[http://www.eere.energy.gov/buildings/tools\\_directory/](http://www.eere.energy.gov/buildings/tools_directory/)

### **NREL Policy Analysis Models & Tools:** Categories include –

#### Crosscutting Analysis

Cost Curves  
Energy-10  
Geographic Information System  
Green Power Network  
HOMER  
Hybrid2  
Power Technologies Energy Data Book (2003)  
RET Finance  
Real Options Analysis Center  
Renewable Electric Plant Information System (REPiS)  
Renewable Energy Technology Characterizations  
ViPOR

#### Market Analysis

#### Technology Analysis

Biomass  
Hydrogen and Fuel Cells  
Advanced Vehicles and Fuels  
Building Technologies  
Basic Sciences  
Geothermal Technologies  
Electric Infrastructure Systems  
Solar  
Wind and Hydropower Technologies

#### Policy Analysis

Scenarios for a Clean Energy Future  
Database of State Incentives for Renewable Energy

#### Benefits Analysis

Availability: See

[http://www.nrel.gov/analysis/analysis\\_tools.html](http://www.nrel.gov/analysis/analysis_tools.html)