



**ENERGY EFFICIENCY:  
THE FIRST FUEL FOR A CLEAN ENERGY FUTURE  
RESOURCES FOR MEETING MARYLAND'S ELECTRICITY NEEDS**

February 2008

**Key Facts from the Report**

- Energy efficiency policies and programs have the potential to reduce electricity consumption in Maryland by 15% by 2015, enough to meet Governor O'Malley's "EmPOWER Maryland" goals, and 29% by 2025.
- Energy efficiency and demand response are the only resources that can be mobilized immediately, forestalling the prospect of power curtailments in the next few years and keeping the lights on for consumers in the state.
- Every dollar invested in efficiency yields an impressive return of \$4 in reduced consumer electricity bills. These energy efficiency policies and programs will cut consumer electricity bills by a net \$860 million in 2015 and \$2.6 billion in 2025.
- All consumers benefit from energy efficiency. By reducing electricity demand, energy efficiency creates a downward pressure on wholesale electricity prices. By 2015, a typical residential consumer can save about \$2 on monthly electricity bills from lower wholesale prices.
- By 2015, residential efficiency programs will reduce an average household's monthly electricity bill by a net \$8. Including the benefits of lower wholesale prices, an average household will save a net \$10 on monthly bills in 2015, or a 7% savings compared to forecasted bills. These savings grow substantially by 2025.
- Investments in efficiency create new, high-quality "green-collar" jobs for the state. These investments will create more than 8,000 net new jobs by 2015 and 12,000 by 2025. This new level of employment would be roughly the same impact as if Maryland attracted about 100 small new manufacturing plants to the state. These new jobs help create nearly \$500 million in new wages by 2015 and nearly \$800 million by 2025.
- All of the choices for the state's energy future bear costs. Doing nothing is the most expensive and risky option. The Governor's proposals represent the least costly and least risky option.

***ABOUT THE AMERICAN COUNCIL FOR AN ENERGY-EFFICIENT ECONOMY (ACEEE)***

The report, *Maryland's Clean Energy Future: Potential for Energy Efficiency and Demand Response to Meet Electricity Needs in Maryland*, is available for free download at <http://aceee.org/pubs/e082.htm> or a hard copy can be purchased for \$50 plus \$5 postage and handling from ACEEE Publications, 1001 Connecticut Avenue, N.W., Suite 801, Washington, D.C. 20036-5525, phone: 202-429-0063, fax: 202-429-0193, e-mail: [aceee\\_publications@aceee.org](mailto:aceee_publications@aceee.org).