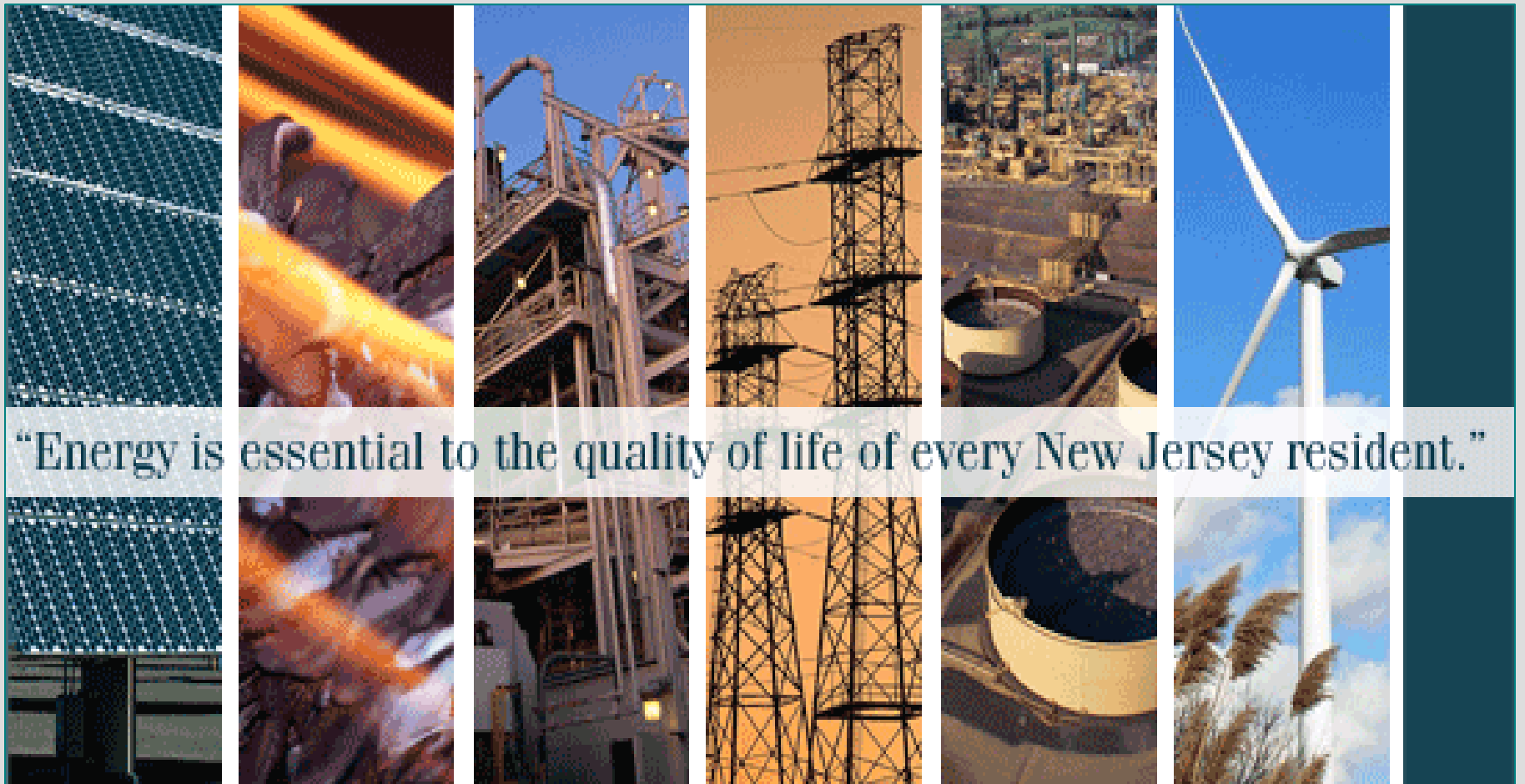


# New Jersey's Energy Master Plan



# New Jersey Energy Master Plan Goals for 2020



- Reduce energy use by at least 20%
- 30% of electricity from renewable sources
- Cut peak demand by 5,700MW
- Develop 21<sup>st</sup> Century energy infrastructure
- Invest in clean energy technologies and businesses

## New Jersey's Highly Successful Clean Energy Program

- Renewable energy and energy efficiency
- Low/moderate-income, residential, commercial/industrial, local governments
- **\$1 billion** invested since 2001
- Electricity saved equal to amount from medium-sized power plant (650MW)

# Among Clean Energy Programs:

- Comfort Partners
- Home Performance with EnergyStar
- Warm Advantage/Cool Advantage
- Energy Star Homes
- Smart Start
- Customer On-Site Renewable Energy
- Local Government Energy Audit

# **NJ Defines Energy Efficiency Broadly**

Targeted Programs

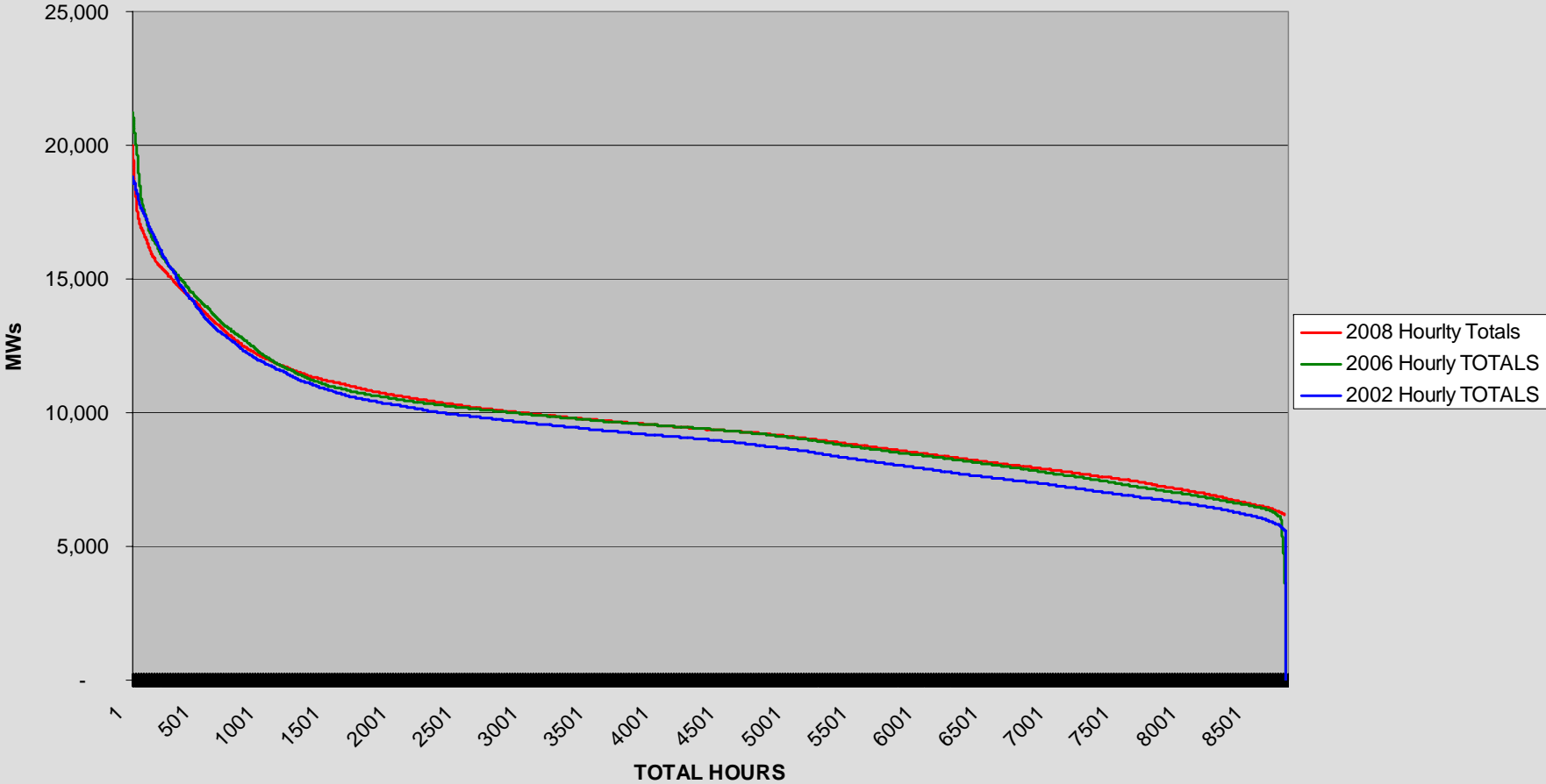
EE as “Invisible Power Plant”

Demand Response

# Peak Demand

## Hourly Reviews

File: Peaks 2008  
Sheet: CHART - HOURLY Review



# EE and the NJ Utilities

- Well-suited to deliver “whole-building” approach
- “Territory-wide” master plans
- \$225 million in investments in EE

# Job-creation potential of the EMP

If fully implemented, the EMP  
could create **20,000 jobs** and  
save consumers **\$30 billion**

# Working with the NJ Legislature

## Examples

- Global Warming Response Act
- Enhancement of the State Uniform Construction Code energy section

# Mid-course Corrections

- Increasing goals for Offshore Wind
- Shifted emphasis on implementation to accommodate American Recovery and Reinvestment Act
  - Goals of Governor's Energy Master Plan
  - Current Clean Energy Program
  - The Regional Greenhouse Gas Initiative
  - Efficiency and renewables programs of utilities



- [www.nj.gov/bpu](http://www.nj.gov/bpu)
- [www.recovery.nj.gov](http://www.recovery.nj.gov)
- [www.nj.gov/emp](http://www.nj.gov/emp)
- [www.energy.gov](http://www.energy.gov)
- [www.njcleanenergy.com](http://www.njcleanenergy.com)
- [www.rggi.org](http://www.rggi.org)