

**New York Power Authority
NAESCO Tri-State Regional Meeting
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**Generating
More Than Electricity**

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Energy Services Model

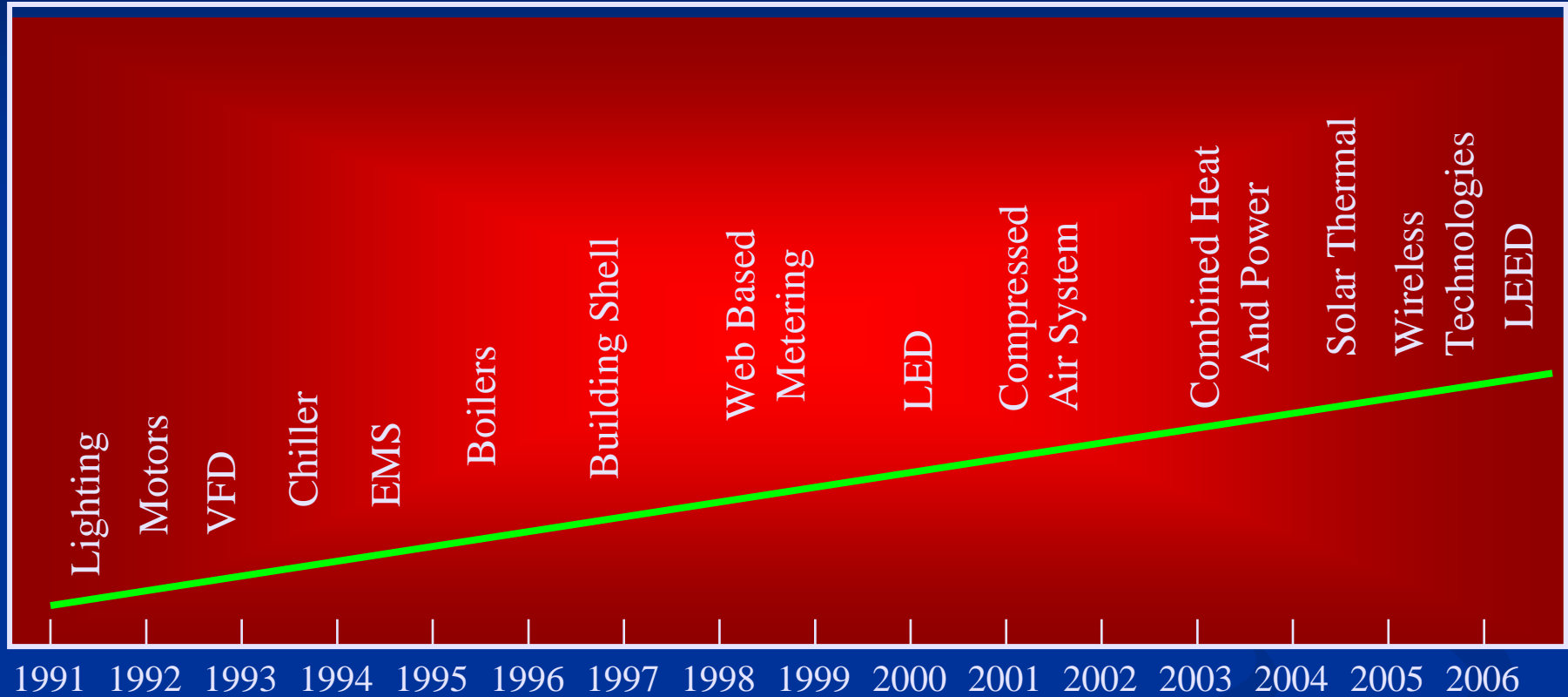
- **NYPA has offered Energy Services since the mid-1980's**
- **NYPA's Formula – Provide turn-key services**
- **Pay all up front costs**
- **Recover investments from customer bill savings**
- **Customer repayment usually within 10 years or longer, if necessary**
- **Target market is the public sector**

Services We Provide = Customer Benefits

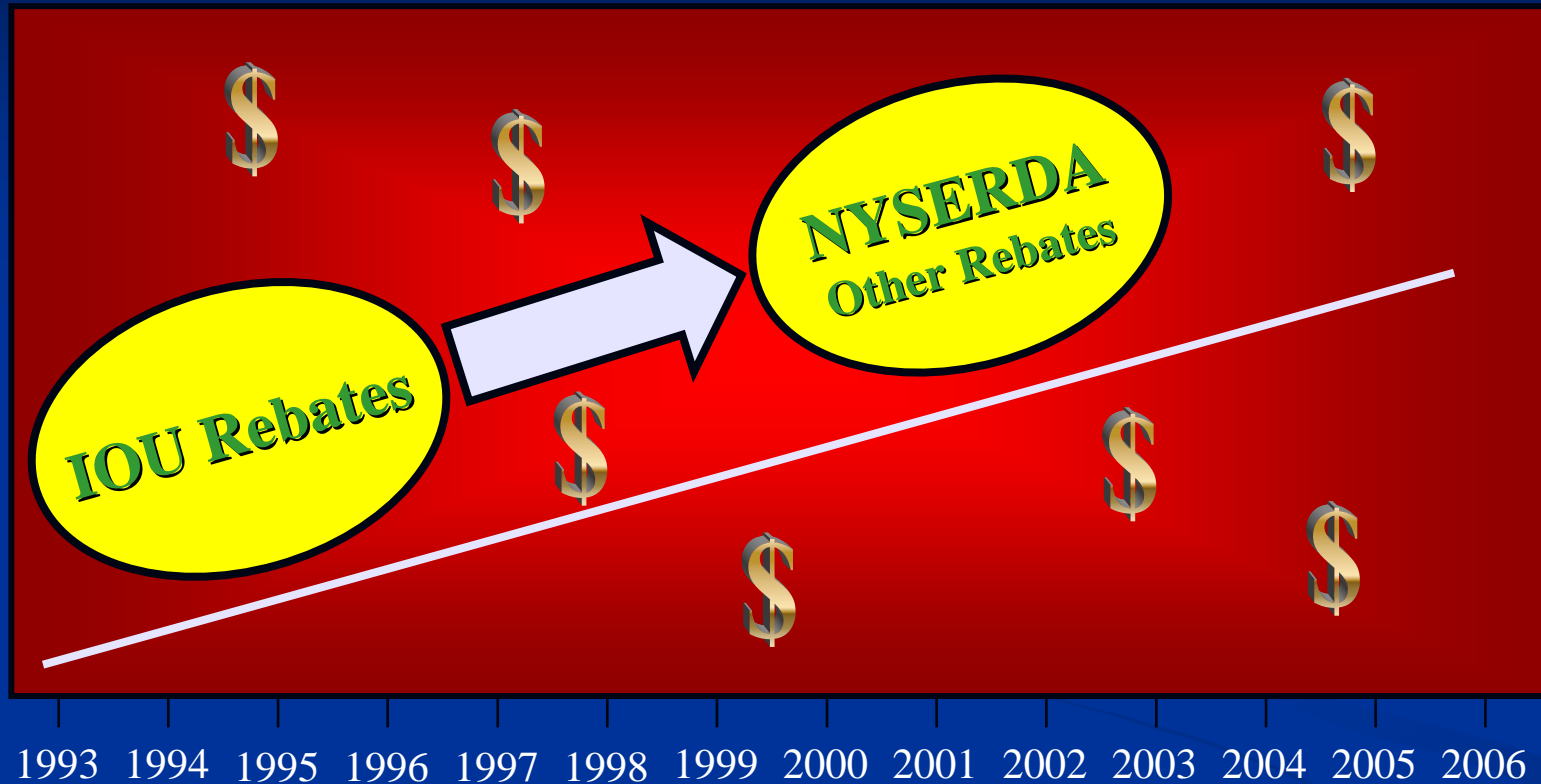
- **Turn-key approach**
 - **Comprehensive facility audit**
 - **Engineering design**
 - **Equipment & Labor Bidding / Procurement**
 - **Project / construction management**
- **HAZ MAT disposal and management**
- **Full program financing – no up-front costs**
- **Customer repayment from savings**
- **Long-term energy cost savings**
- **Reduced maintenance expenses**
- **Avoided capital expenditure**
- **Maintain long term relationships**
- **Utility Coordination**
- **Reduction in emissions**



Evolution of ESP



Outside Funding Sources



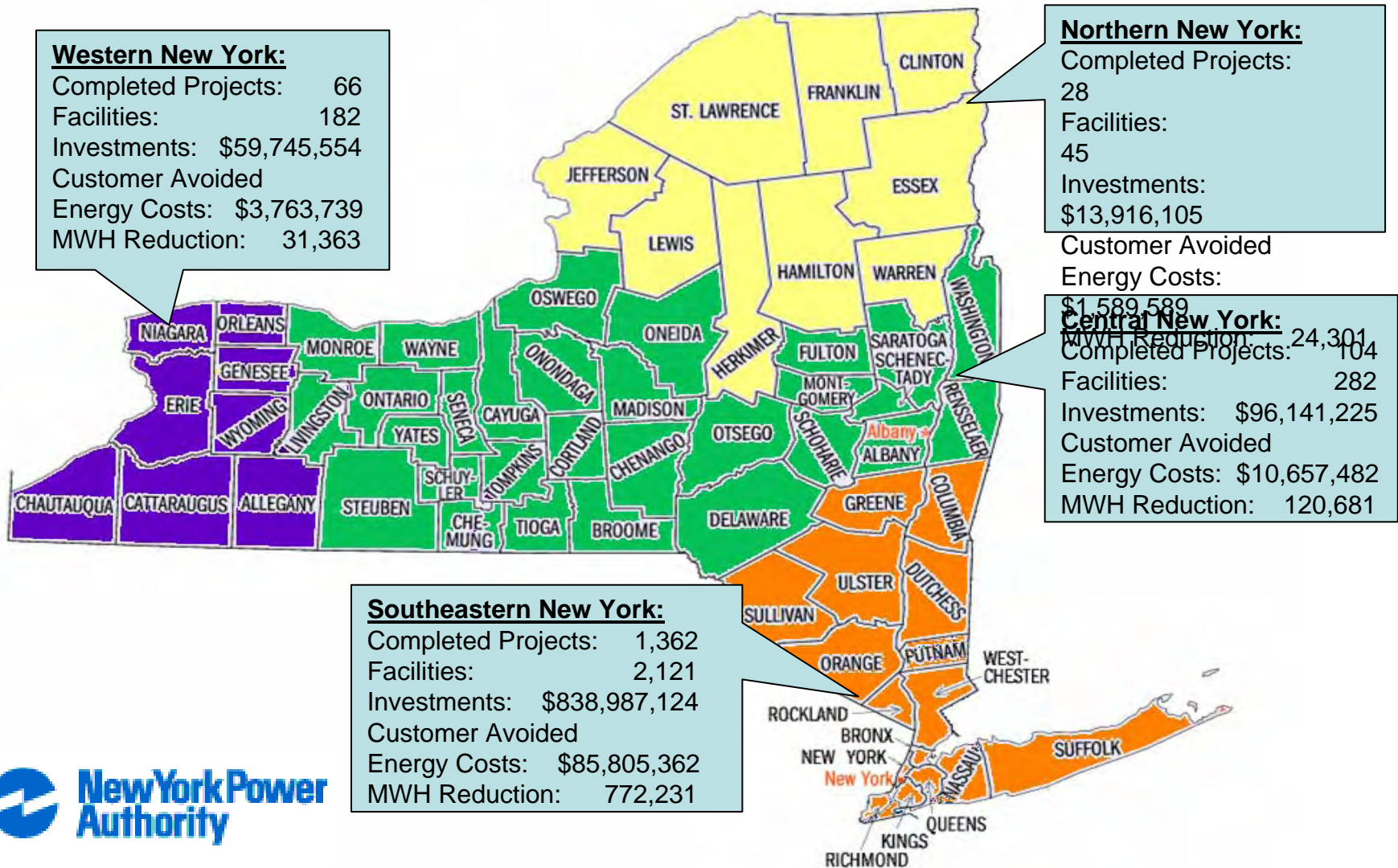
Energy Services Profile

- Program produces over \$100 Million in annual recurring customer savings statewide, over \$900 Million in cumulative savings since inception
- Demand savings of approximately 200 MW
- Annual budget over \$100 Million
- Nearly \$2 Billion in program funding approved by the Trustees
- Over \$1.2 Billion in program investments to date on completed projects
- Work implemented in 2,600 public facilities Statewide
- 825,000 tons of greenhouse gas avoided annually
- 320 projects in progress at 950 facilities



NYPA's Record on Energy Efficiency

\$1+ Billion Invested to date – By Region



Energy Services Participants

- **MTA - LIRR, NYCT, Metro North, LI Bus, MTA Bus, TBTA**
- **City of NY - including DOE, HHC, CUNY, NYPD, FDNY, DOT, DEP, DOS and other agencies**
- **NYCHA**
- **Port Authority**
- **NYS-OGS**
- **Westchester County & Westchester Municipalities**
- **State, Public & Governmental Facilities throughout New York State**



Clean Energy Technologies

Fuel Cells

Solar Power



Buffalo Museum of Science



Central Park Police Station

CHP



Lewiston Wastewater Treatment Plant

Future Outlook

- Currently working with Governor Spitzer and Mayor Bloomberg's offices to help facilitate NY State's 15x15 goal as well as plaNYC
- Expect significant growth in overall activities
- Organization is modular in nature
- Partnerships with Contractor/ESCO community continues to be vital
- Financial strength of the organization benefits program participants