

New York Power Authority



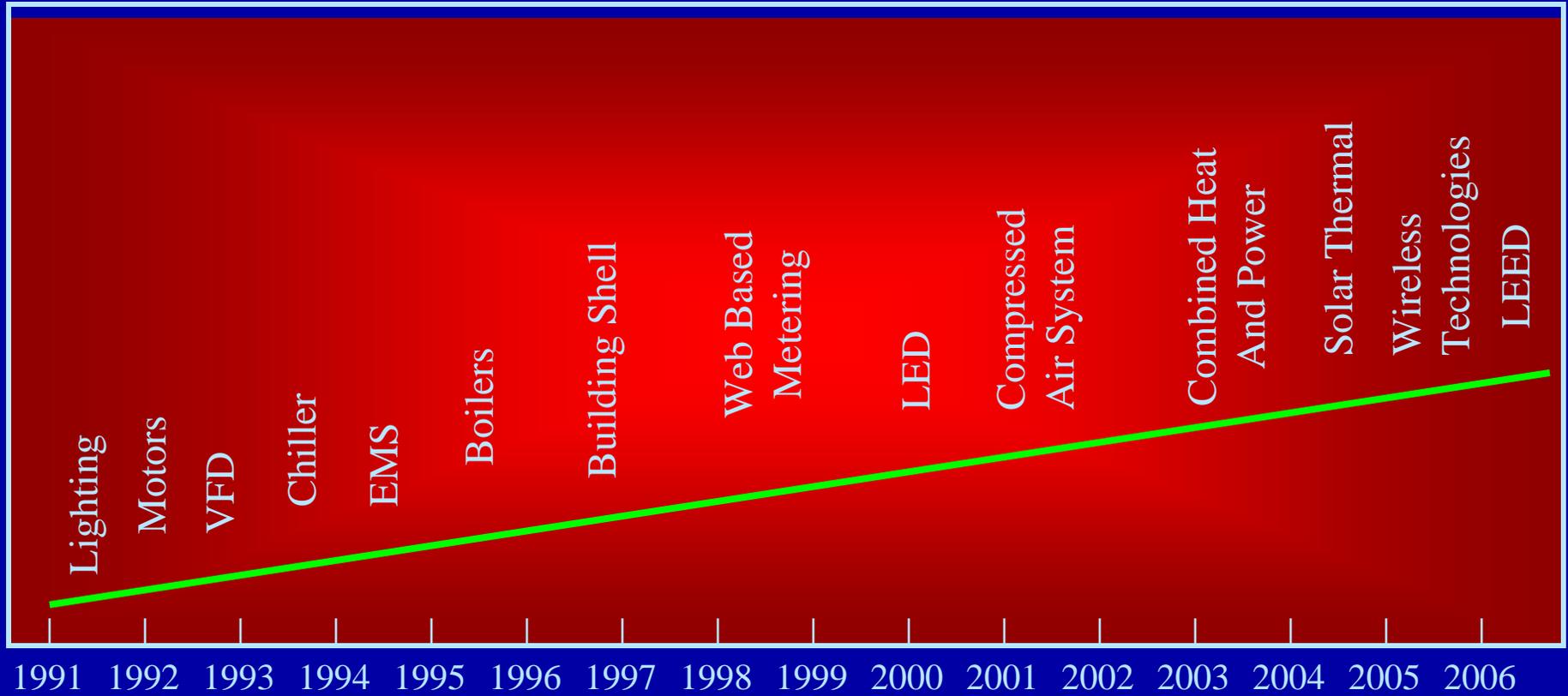
New York Power Authority Energy Services Profile

- ❑ 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**

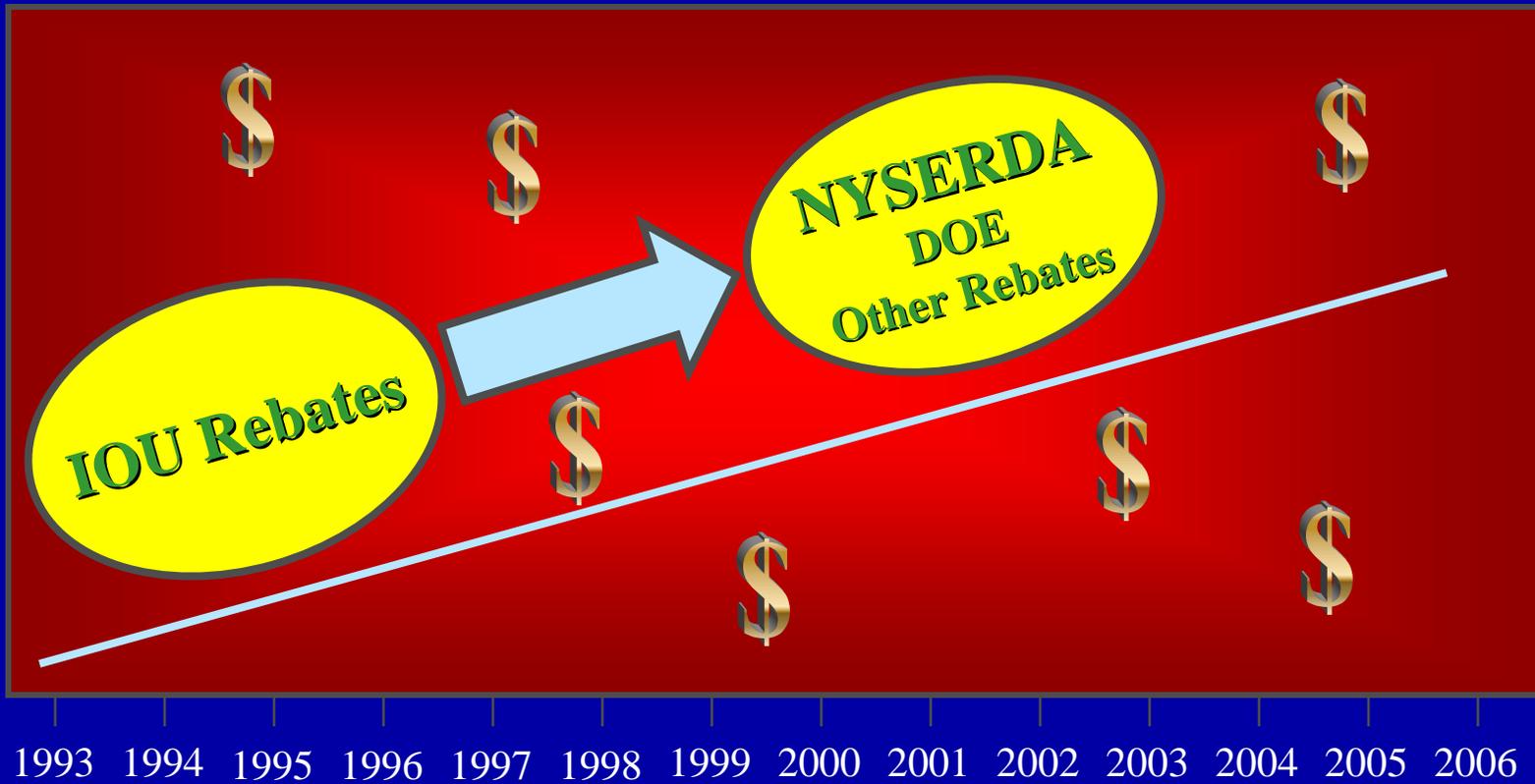
Services We Provide = Customer Benefits

- ❑ **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



New York Power Authority Energy Services Profile

- ❑ Program has produced over \$100 million in annual recurring customer savings statewide**
- ❑ Program savings 200 MW / 950 GWH**
- ❑ Annual budget over \$100 Million**
- ❑ Nearly \$2 Billion in program funding approved by the Trustees**
- ❑ Over \$1 Billion in program expenditures to date on completed projects**
- ❑ Work implemented in 2,600 public facilities Statewide**
- ❑ 810,000 tons of greenhouse gas avoided**
- ❑ 320 projects in progress at 950 facilities**

Energy Services Participants

- **MTA - LIRR, NYCT, Metro North, LI Bus, MTA Bus, TBTA**
- **City of NY - including DOE public schools, HHC hospitals, CUNY, police and fire stations, City Agencies such as Dept of Transportation, Dept of Environmental Protection, Dept of Sanitation, as well as thousands of City owned buildings**
- **NYCHA**
- **PORT AUTHORITY**
- **NYS-OGS**
- **WESTCHESTER COUNTY & ITS MUNICIPALITIES**
- **STATE, PUBLIC & GOVERNMENTAL FACILITIES**

Clean Energy Technologies

Fuel Cells

Solar Power



Buffalo Museum of
Science

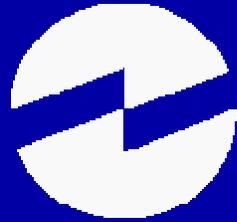


Central Park Police
Station

CHP



Lewiston Wastewater
Treatment Plant



**New York Power
Authority**

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