

# Market Transformation Developments in the Past Year

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## Geographic Reach Grows

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- MEEA expands staff and begins a few programs
- SWEEP formed
- Statewide implementation begins in NJ and WI
- Discussions begin about a southeast presence



## Funding Continues

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- MA & RI extend programs for 5 years
- Substantial short-term funding in CA and other western states to address reliability
- Tax credits begin in MD and MN; NY program about to begin



## Pending Federal Tax Incentives

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- New homes
- New commercial buildings
- Clothes washers and refrigerators
- Combined heat & power systems
- Hybrid & fuel cell vehicles
- Building fuel cell systems
- Existing homes
- Advanced residential a/c, HP & water heaters



## Some MT Initiatives Make Substantial Progress

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- CFL sales explode (west coast initiatives, “Change A Light...); PEARL begins
- CEE/NEMA set “premium” motor spec
- Motor Decisions Matter gains momentum
- National market share for efficient clothes washers hits 12%
- LED traffic lights becoming widely used



## Some MT Initiatives Make Substantial Progress

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- Building Operator Certification grows in NE and spreads to WI and CA
- Comm'l a/c market moves towards tier 2
- Awareness of Energy Star grows among consumers and trade allies as does market share
- Energy Star windows reach 70% market share in NW; formal project ends 6/01



## **Reliability Focused Efficiency Programs Save MW's in 2001**

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	Spending (million \$)	Savings (MW)
California	971	3,668
Northwest	150	390
New York	90	266



## **States Progress on Standards**

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- California adopts standards on nine products
- NY adopts transformer std. in building code
- Other states considering new standards



## Administration Goes Both Directions on Standards

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- Refrigerator standard takes effect 7/01
- DOE affirms new clothes washer & residential water heater standards
- Executive Order -- federal agencies should purchase products with standby use of 1W or less
- Proposes to change SEER 13 residential a/c standard to SEER 12



## Pending Standards in Senate Energy Legislation

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### Standards in Legislation

- Torchieres
- Exit signs
- Dry-type transformers
- Traffic lights

### DOE Rulemakings

- Vending machines
- Commercial refrigeration & freezers
- Unit heaters
- Ceiling fans
- Standby use of home electronics



## New/Revised Energy Star Specs

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- New specs
  - Commercial solid door refrigerators & freezers
  - Ceiling fans
  - Comm'l packaged a/c
  - Telephony
  - Ventilation fans
  - Dehumidifiers
  - Groceries, hotels and hospitals
- Revised specs
  - Residential a/c and HP
  - TVs, VCRs & CFLs
- Specs under development
  - Vending machines
  - Window revision
- Specs under review
  - Computer monitors
  - Furnaces



## Developing New Initiatives

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- Commercial markets, particularly schools
- Furnace fans
- Vending machines & other commercial packaged refrigeration
- Industrial fans/pumps
- Standby power, power supplies



## Directions for MT's Second Decade

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- Learn from lessons in other regions -- e.g. windows, CFLs, BOC, daylighting
- Leveraging codes, standards and tax credits presents significant opportunities
- Coordination with reliability efforts
- Focus more on markets and services
- Consider emerging technologies



## Directions for MT's Second Decade? (continued)

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- How do we spread to other regions?
- Need for more attention on industrial sector and existing buildings
- More attention to promoting efficient practices (may need resources to jump-start)
- Pay attention to sustaining efforts and organizations in the long-term

