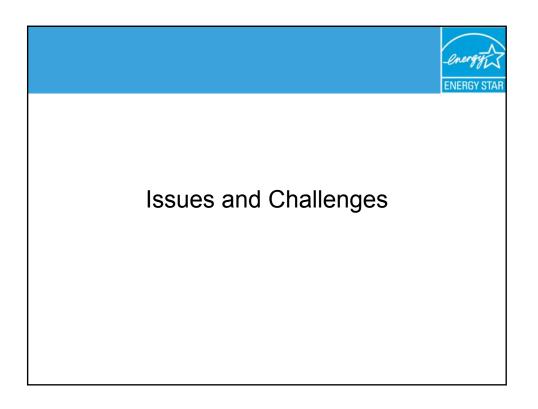


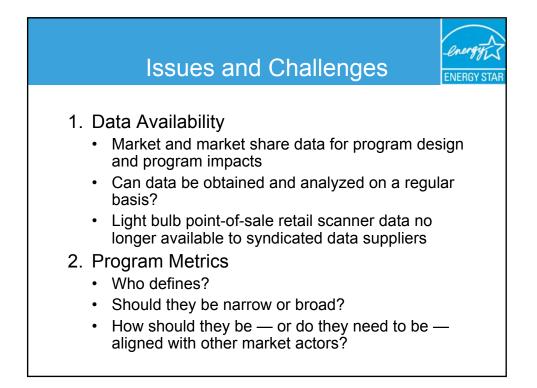
# Markets, Metrics, and Madness: Counting Beans or Changing Markets

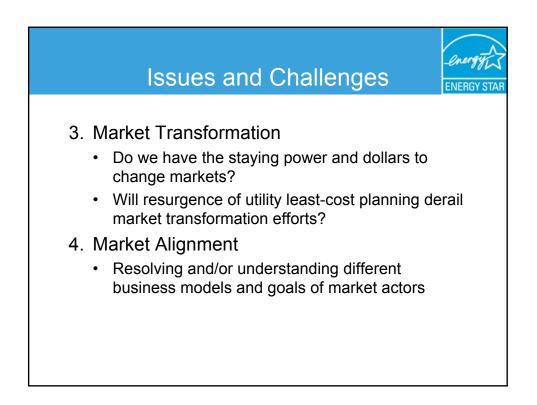
Paul I. Berkowitz Bill McNary D&R International, Ltd.

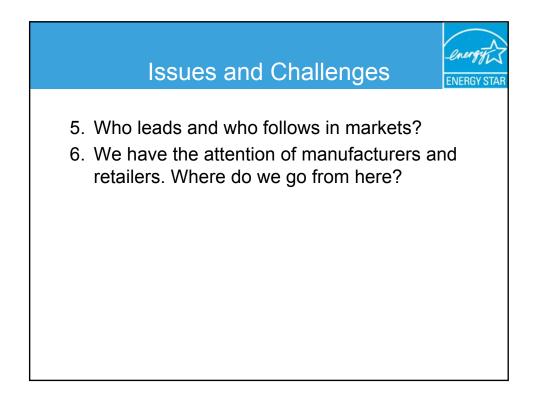
2004 National Symposium on Market Transformation

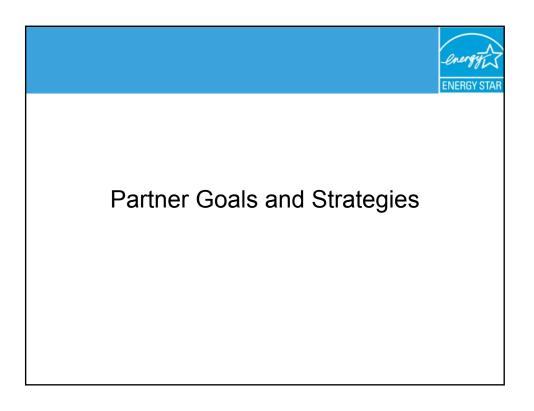


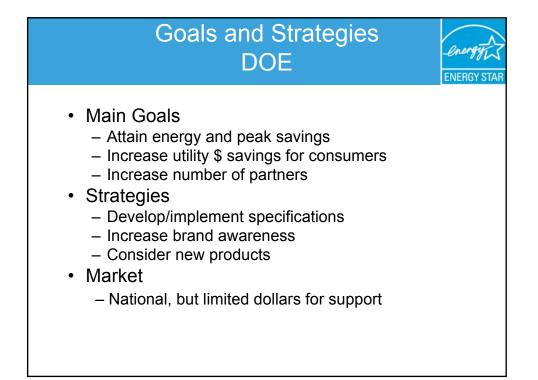












### Goals and Strategies EPA



- Main Goals
  - Carbon savings
  - Brand recognition
- Strategies
  - Develop/implement specifications
  - Label new products
  - Increase brand awareness
  - Employ environmental messaging
  - Target products with high carbon savings
- Market
  - Select utilities, states, and regions

#### Goals and Strategies Utilities, States, and Regional Alliances

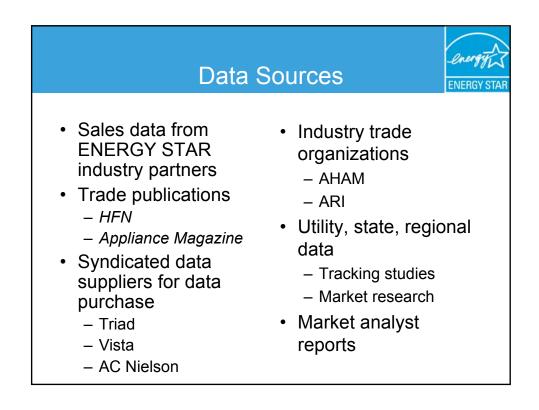
- Main Goal
  - Regulatory bodies mandate energy savings goals
- Strategies
  - Rebates and other incentives
  - Consumer education/messaging/advertising
  - ENERGY STAR market development and support
  - Leveraging market actors (e.g., manufacturers and retailers)
- Market Service territory

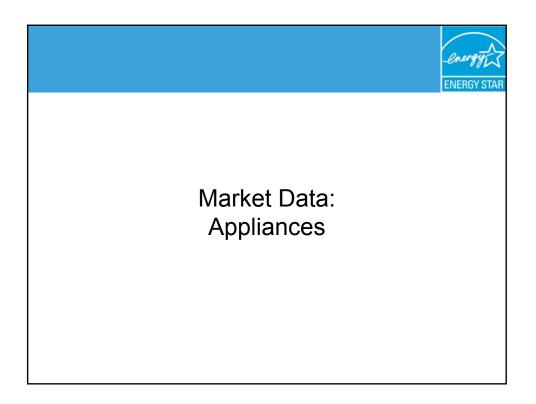
### Goals and Strategies Manufacturers and Retailers

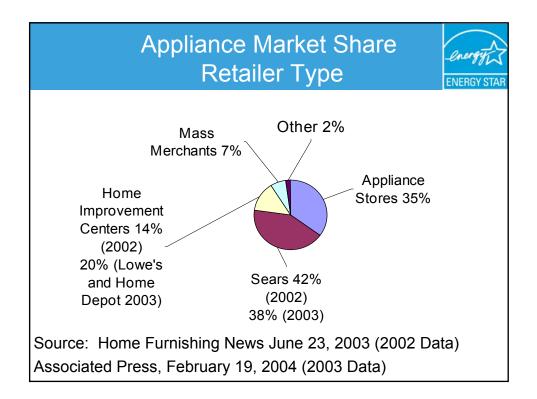


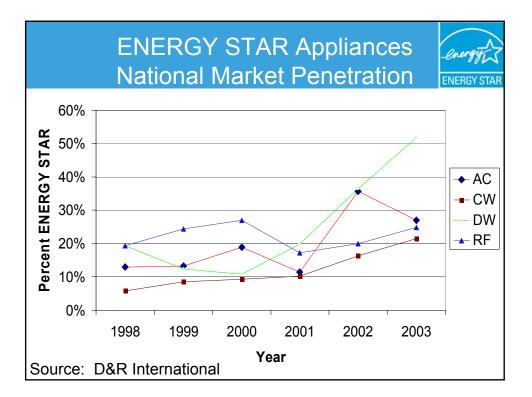
- Main Goals
  - Market share
  - Profit
  - Shareholder value
  - Customer loyalty
- Strategies
  - Develop brand awareness/loyalty
  - Sell volume
  - Sell higher margin products

- Create market differentiation
- Increase customer satisfaction
- Show social/community responsibility
- Market National

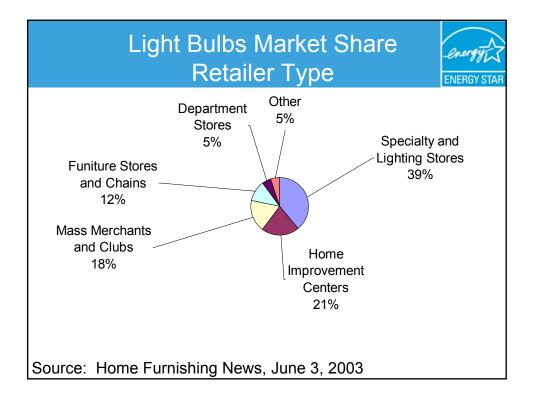


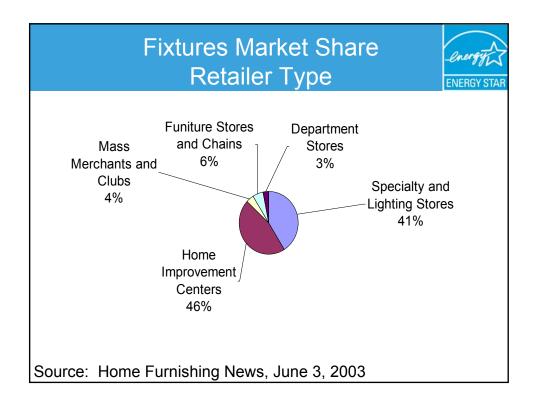




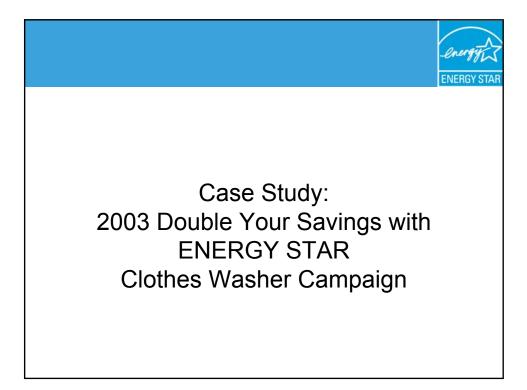


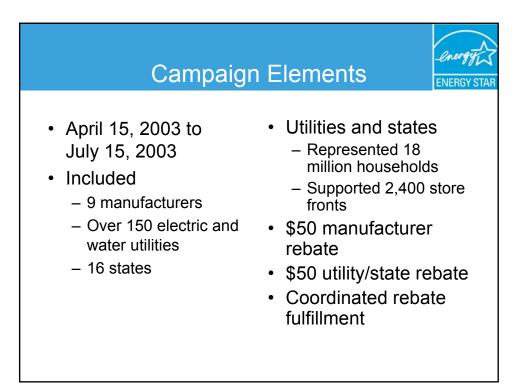


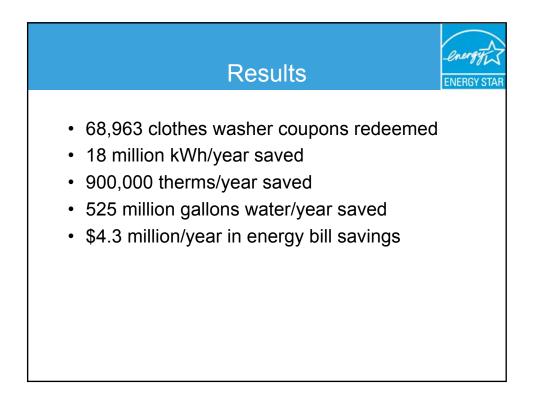




Retailers (2002)						
Lighting Fixture Retailers	2002					
Retailer	Market Share	Dollars				
Home Depot	24%	\$1,147.07				
Lowe's	12%	\$589.60				
Lighting One	5%	\$245.50				
Wal-Mart Stores	5%	\$219.90				
Lamps Plus	3%	\$141.75				
J.C. Penney	2%	\$113.74				
Target	2%	\$99.20				
Sears	1%	\$72.40				
TJX Cos.	1%	\$71.20				
Kmart	1%	\$62.50				

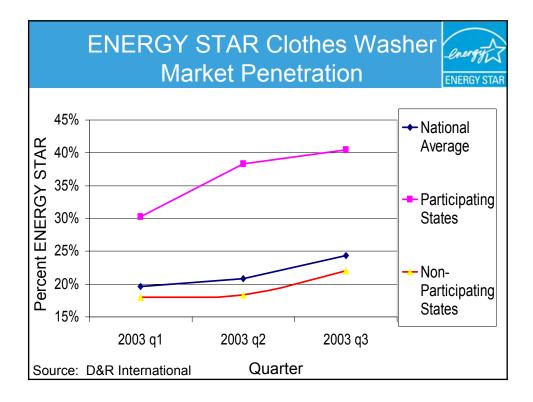


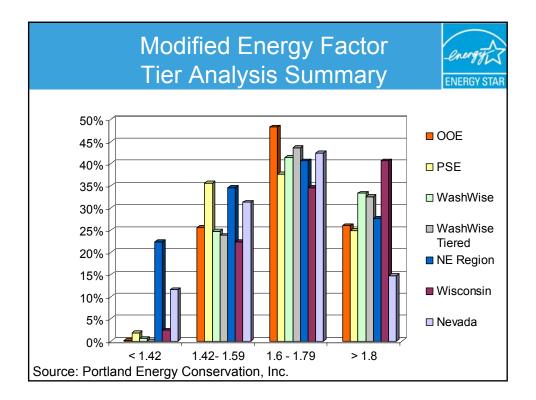


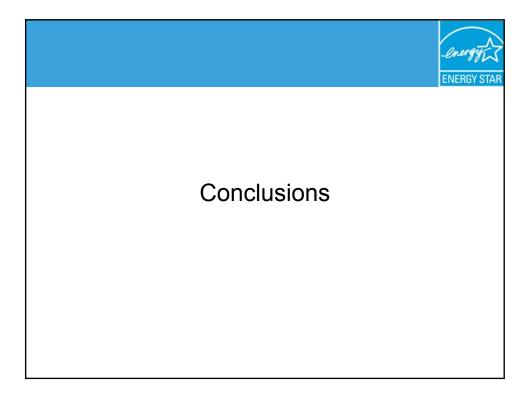


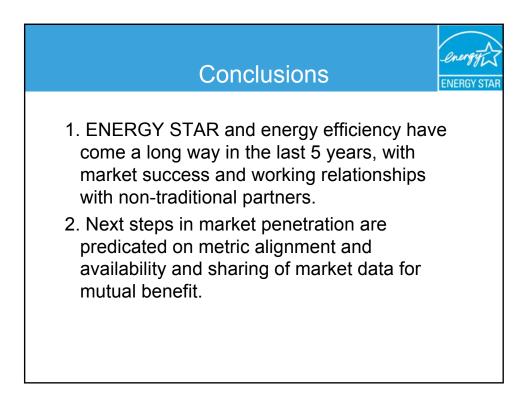
### Results for Selected Participating States - Market Penetration Change

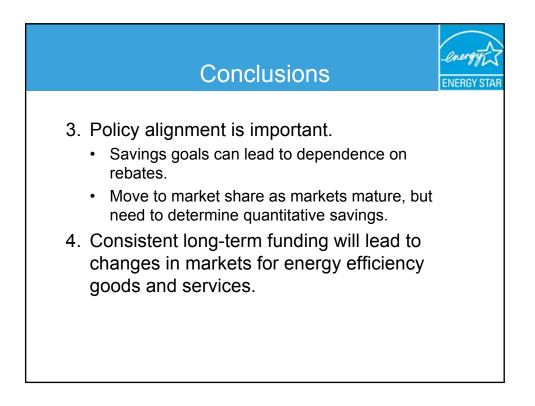
State	Q1 2003	Q3 2003	% Increase Q1 to Q3
Massachusetts	30.77%	42.20%	37.15%
Minnesota	33.19%	45.24%	36.32%
New York	21.48%	30.17%	40.45%
Oregon	38.21%	50.65%	32.56%
Wisconsin	30.84%	46.25%	49.98%
Vermont	39.04%	61.78%	58.25%

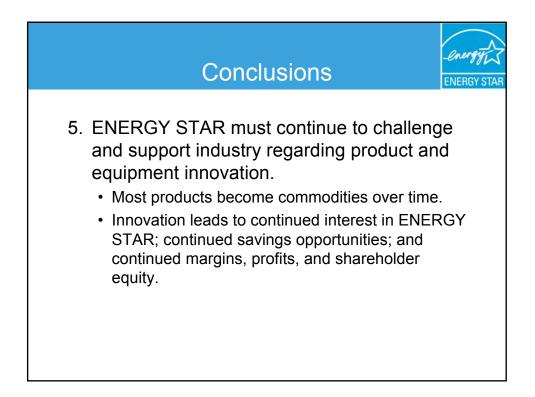


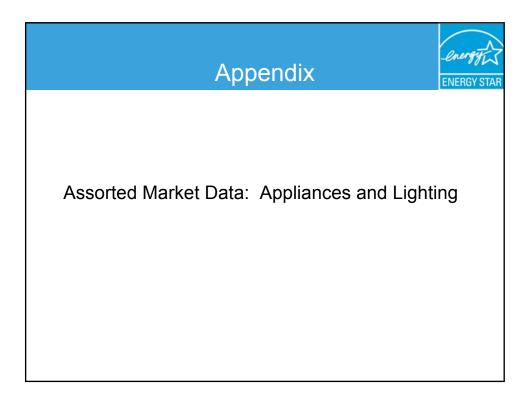


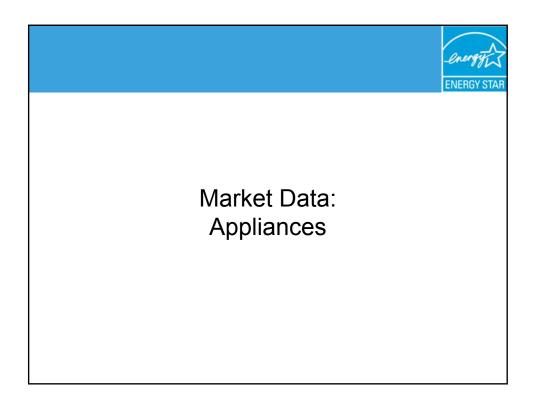














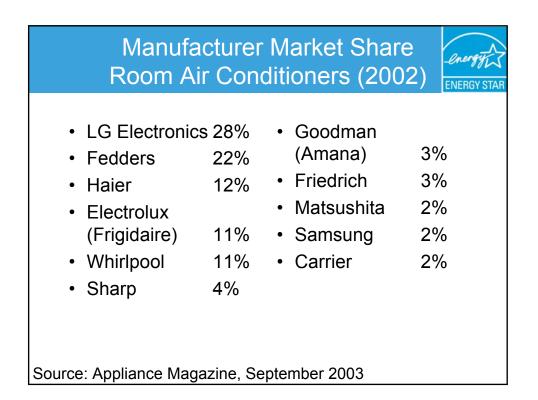
Source: Appliance Magazine, September 2003

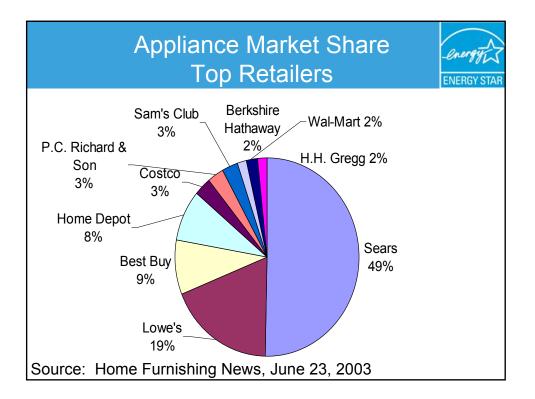
# Manufacturer Market Share Refrigerators (2002)

NERGY STA

• GE	36%
<ul> <li>Whirlpool</li> </ul>	26%
<ul> <li>Electrolux (Frigidaire)</li> </ul>	23%
<ul> <li>Maytag (Admiral)</li> </ul>	13%
• Haier	2%

Source: Appliance Magazine, September 2003







# Light Bulbs at a Glance Typical Home (2002)



- 5 billion lighting sockets in U.S. homes
- 45 bulbs in use
- 15 bulbs in storage
- 1.6 bulbs/fixture
- 3.3 hours/day average use per bulb
- 55% standard incandescents

Source: Home Furnishing News, June 3, 2003

