

ENERGY STAR ® Lighting Program

➤ Phase I

➤ CFLs

- 251,949 specialty CFLs sold
- Types – globes (11 watts), reflectors (14, 15, 23 watts), dimmable floodlights (15 watts), standard floodlights (15, 26 watts), A-lines (9, 15 watts)
- Brands – Feit (Costco), GE (Sam's Club), n.vision (Home Depot)

➤ Phase II

➤ CFLs

- 1,809,678 CFLs sold
- Types – globes (9, 11, 15 watts), reflectors (11, 14, 15, 16, 23, 26), dimmable floodlights (15 watts), standard floodlights (15, 26 watts), tri-lights (12/23/29 watts), twists (9, 10, 13, 14, 19, 20, 23, 26, 42 watts)
- Brands: Feit (Costco), GE (Sam's Club, Ace Hardware), n.vision (Home Depot), Buyer's Choice (Menards), Sylvania (Lowe's, Jewel-Osco), mixture (True Value & Do-It-Best)

➤ Phase III

➤ CFLs

- 760,812 (projected sales)
- Types & Brands – same as Phase II

➤ Fixtures

- 35,000 (projected sales)
- Types – ceiling flush mounts & desk lamps
- Brands: Lithonia & Hampton Bay (Home Depot), Greenlite (Food 4 Less, Lowe's, Ace Hardware, Jewel)

ENERGY STAR ® Lighting Program

➤ Durability & Longevity of Lighting Products

- The program relies on accepted industry standards (ENERGY STAR and previously PEARL) to ensure only high quality lighting products are part of the program
 - ENERGY STAR highlights
 - Criteria is based on input wattage, lamp efficacy, lumen maintenance and average rated lifetimes
 - CFLs must have a minimum rated lifetime of 6,000 hours or greater and fixtures must have a minimum rated lifetime of 10,000 hours
 - On average, ENERGY STAR qualified lighting uses 75% less energy than standard incandescent lighting and can last up to 10 times longer
 - Manufacturers must offer a warranty or limited warranty that must cover a minimum of 24 months from date of purchase assuming at least 3 hours/day of usage
 - As of December 2008 manufacturers, distributors and retailers that are part of the ENERGY STAR lighting program must participate in ongoing, independent, third-party quality control verification
 - This independent third-party quality control verification replaces PEARL (Program for the Evaluation and Analysis of Residential Lighting) the watchdog program started in 2000. The last cycle for PEARL is currently underway and once that's complete ENERGY STAR will take over administering third-party testing.
 - The third-party testing added to the ENERGY STAR spec places the costs of testing on the manufacturers rather than the sponsors that were previously bearing the high costs
 - If a lighting product does not pass testing it will be de-listed from ENERGY STAR
- An ENERGY STAR lighting product that is currently part of the ComEd program that no longer meets industry standards would be pulled from the program

ENERGY STAR ® Lighting Program, CFL Recycling

➤ Key Milestones

- 9/27/07 - ComEd/ILEPA/ ACE Hardware introduce CFL recycling pilot
- 1/1/08 - ComEd/ILEPA/ACE extend pilot to year end 2008
- 6/24/08 - ComEd EEPS Residential ENERGY STAR lighting Quick Launch Phase is launched
- 06/24/08 – The Home Depot Press Release - National CFL Recycling Program announced
- 9/1/08 – ComEd Residential ENERGY STAR Lighting Phase 2 launches – introduces CFL twists
- 10/01/08 – Home Depot Begins placing recycling bins in all stores
- 10/9/08 - ABC7 - Healthbeat - concerns over CFL bulbs
- 10/21/08 - ComEd partners with The Home Depot for stores in ComEd territory – purchases recycling containers
- 11/11/08 - ComEd receives invoice from IL EPA - 437 buckets collected between 9/27/07 - 11/11/08
- 11/26/08 - ABC 7: I-Team Report - Shedding Light
- 12/16/08 - ComEd Press Release – Results Exceed ComEd Expectations Six Months after Launch of “Smart Ideas for Your Home” Energy Efficiency Program
- 12/17/08 - Alderman Robert W. Fioretti - 2nd Ward submits resolution concerning environmental contamination caused by CFL’s
- 12/17/08 - ABC7: I-Team Report Sparks Light Bulb Hearings
- 01/05/09 – ComEd partners with Best Buy to offer low mercury (1 mg) CFLs at 6 stores - Best Buy “Green Zone” Pilot
- 1/7/09 – City of Chicago Public hearings by the Committee on Energy, Environmental Protection & Public Utilities
- 02/01/09 - ComEd to re-launch new CFL recycling program with ACE Hardware and to introduce to other retailers