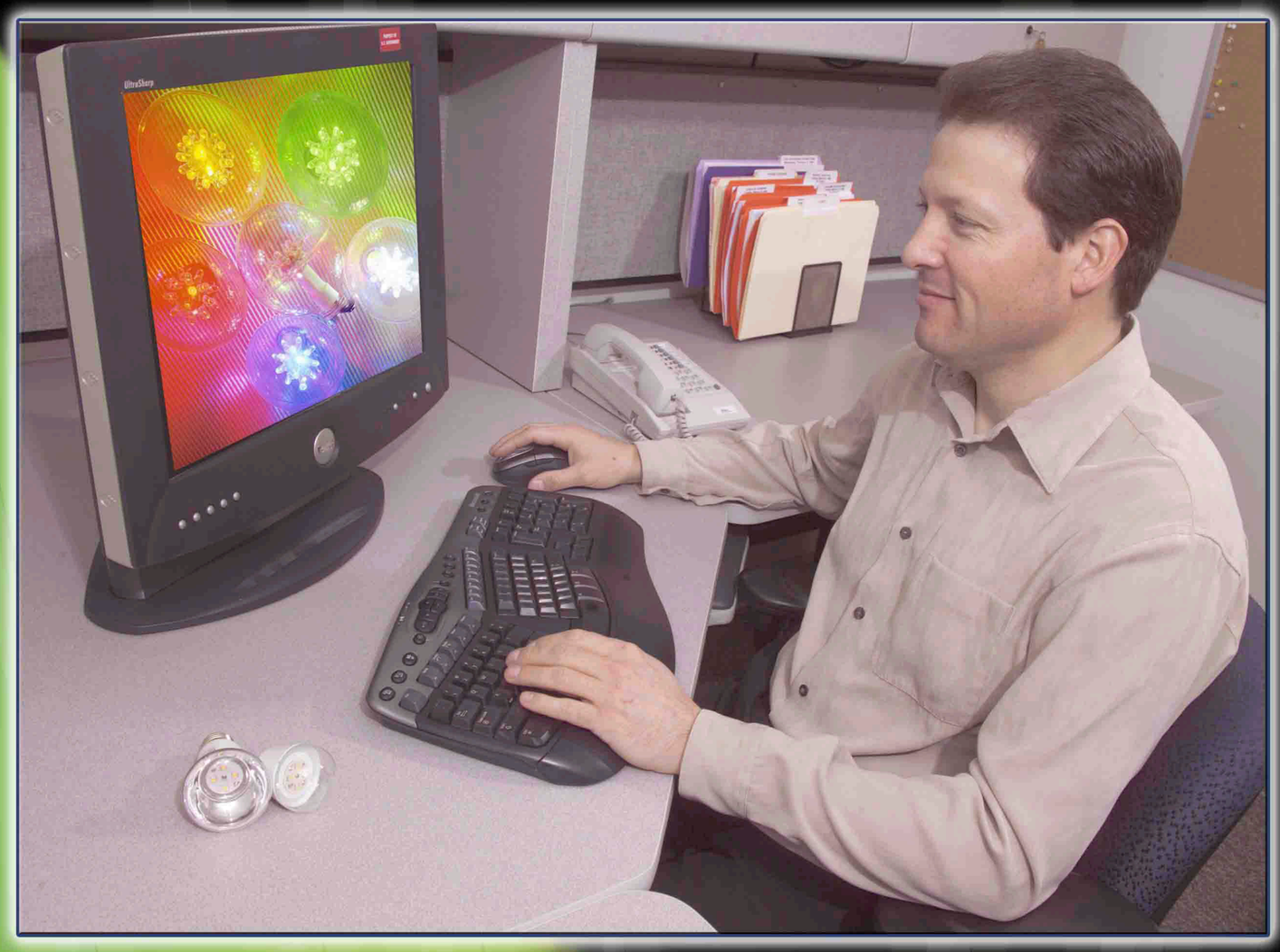
DOE Solid State Lighting Commercialization Strategy



Solid State Lighting (SSL), which encompasses light emitting diodes (LEDs) and organic light emitting diodes (OLEDs), is the most significant technology to hit the lighting industry in the last 50 years. SSL technologies have the potential to more than double the efficiency of general lighting systems, reducing U.S. electricity bills by $100 billion cumulatively over the next 20 years.

TP&D staff are providing technology Commercialization support by:

- *Developing the first ever ENERGY STAR® criteria for SSL*
- *Holding design competitions for lighting fixtures and systems using SSL*
- *Providing technical assistance to lighting industry standards organizations for the development of testing and measurement standards for SSL systems*
- *Conducting Technology Procurement programs that encourage manufacturers to bring high-quality, energy-efficient SSL products to the market, and that link these products to volume buyers*
- *Administering consumer and business awareness campaigns*

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