

2014 Commercial Sector EE Updates

John Wilson



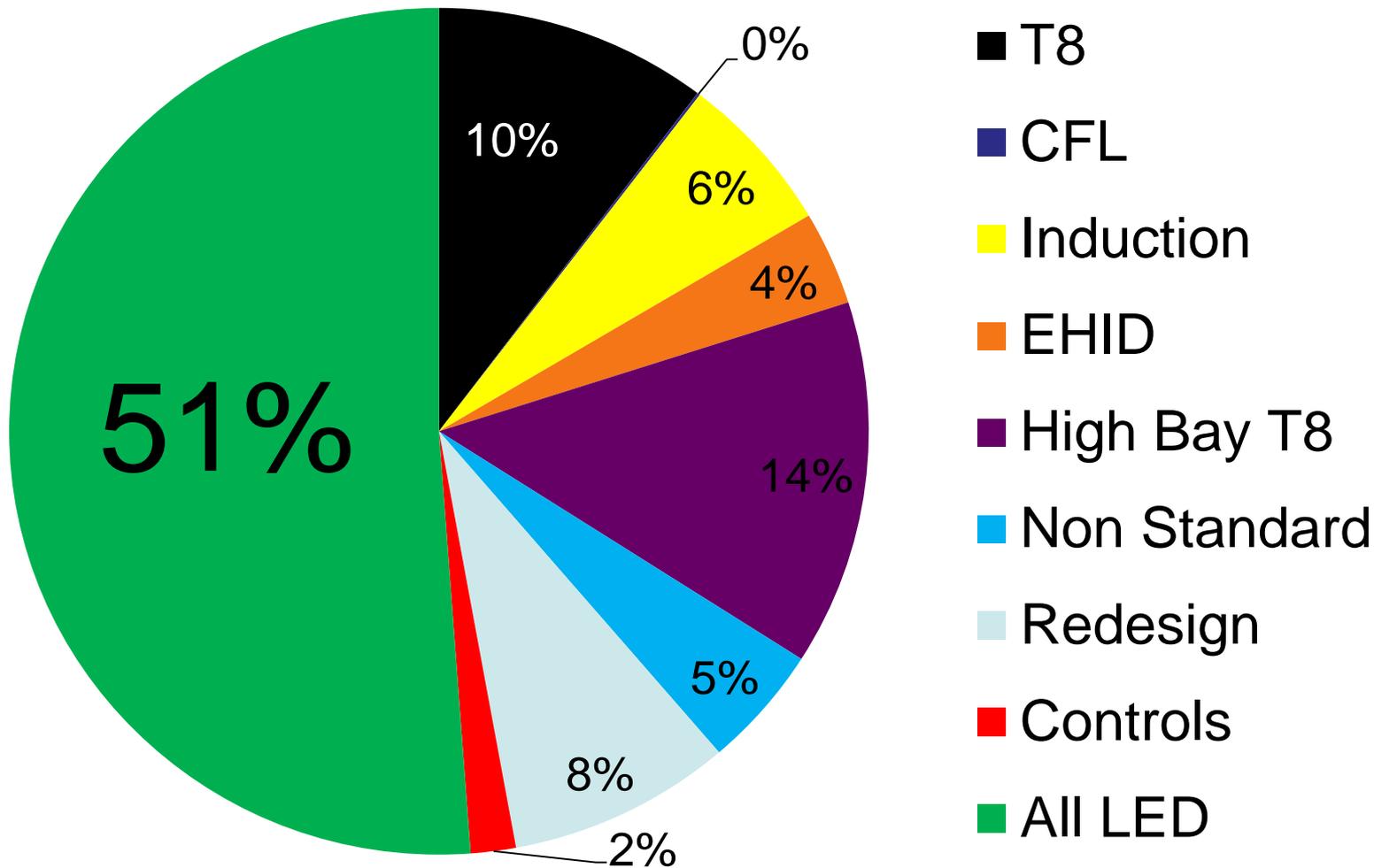
Commercial Sector Update

• Commercial & Industrial Lighting

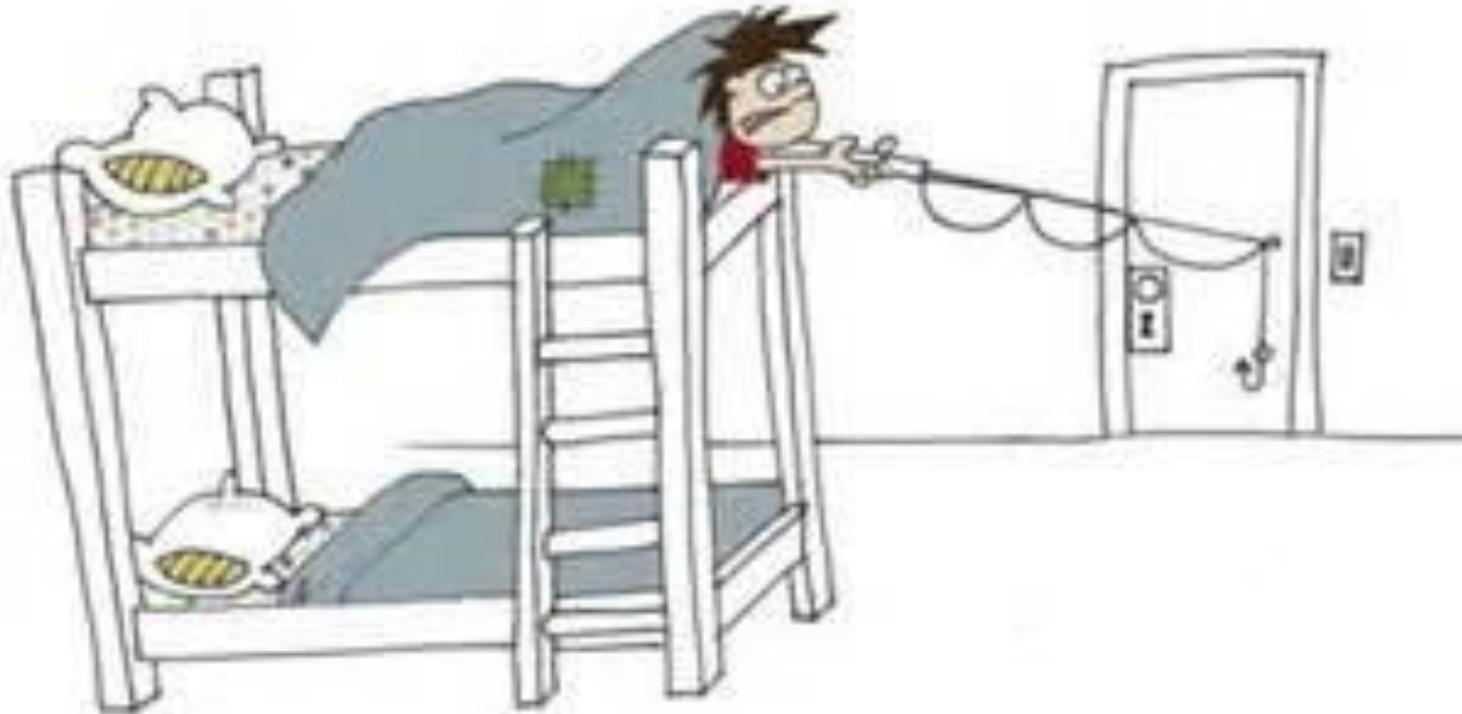
- Series 3 calculator fully deployed
- 7th year of NWTAN for Lighting
 - New workshop approach
- Expanded NWTAN Field Services
- Program Offerings & Marketing Colla



Source of C & I Lighting Savings

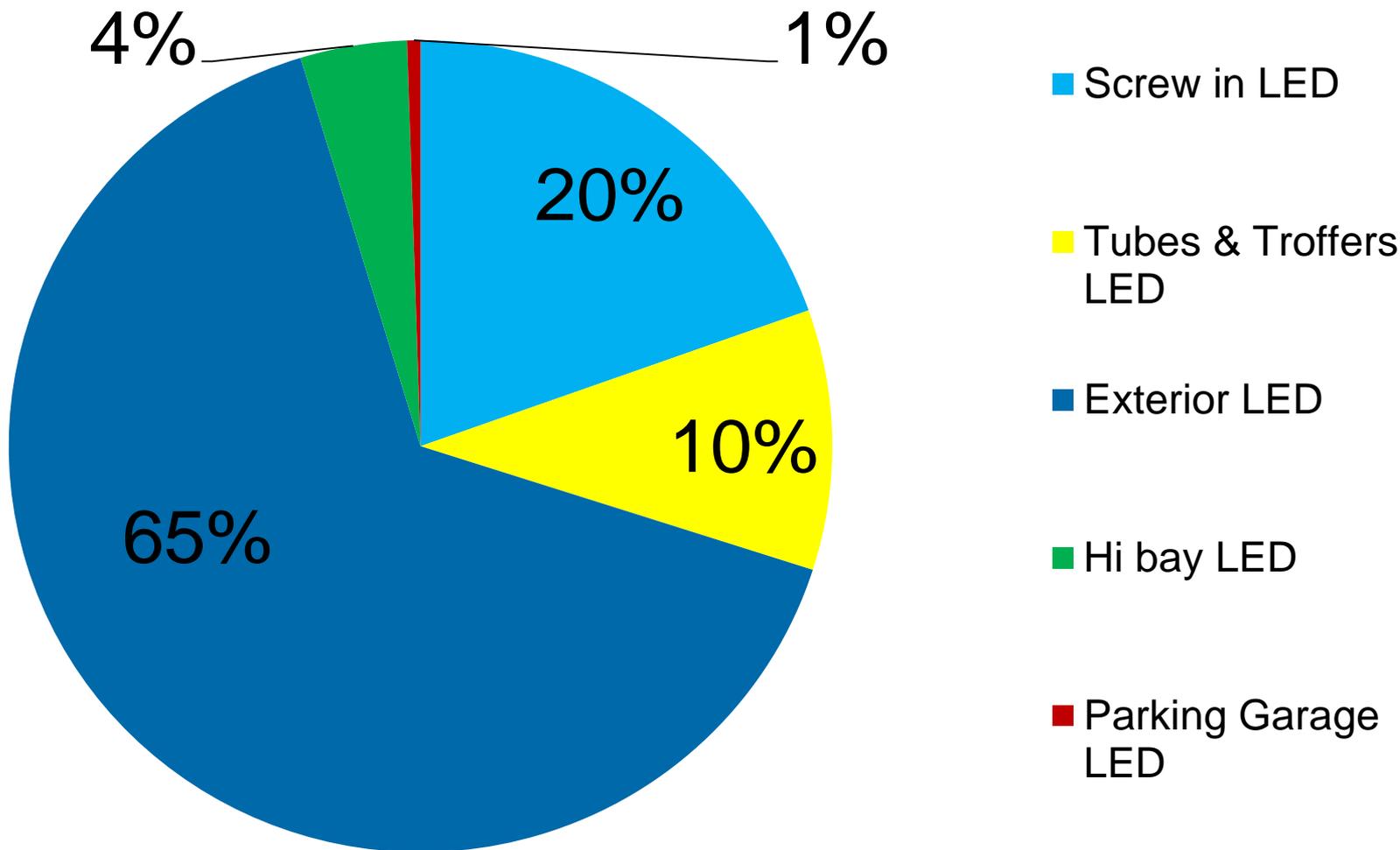


We can do better than this at controls!



Working to understand barriers...

Savings By LED



Scalpel Vs. Sledge Hammer

- LEDs will happen without us
 - We need to move the needle where it's not moving
- More efficient technology is being installed
 - Controls are not being installed
- Federal standards are effective
 - But we still have to support their implementation with programs

Commercial Sector Update

- **Energy Smart Grocer (ESG)**
 - 60 utilities participating
 - New Construction picking up
 - Utilities can see ESG project pipeline projections in PECl's Sprocket web portal
- PECl recently acquired by CLEARResults
- ESG is at a natural phase for retirement

As ESG rides off into the sunset...



BPA will engage with utility partners to design the next turn-key commercial opportunity

Commercial Sector Update

- **Commercial HVAC**

- New commercial WX measures Oct 1.
- HVAC TAN
 - Mapping industry landscape and actively collecting feedback and input.
 - Lots of similar existing efforts – making sure BPA is delivering what's actually needed and not being duplicated....
- Streamline Custom for Commercial HVAC
 - 'Paint by Numbers' for custom projects...

Commercial Sector Update

- **Market Research**

- Lighting Market Research

- Market average baseline for 'obsolete equipment'
- What's happening with LEDs?
- LED Tubes

- HVAC Market Research

- Where to invest?

Without market research we risk overspending rate payer dollars & missing big potential opportunities



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