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

- 51% All LED
- 14% Non Standard
- 10% Controls
- 8% Redesign
- 6% EHID
- 4% Induction
- 2% T8
- 0% CFL
We can do better than this at controls!

Working to understand barriers...
Savings By LED

- 65% Parking Garage LED
- 20% Exterior LED
- 10% Tubes & Troffers LED
- 4% Screw in LED
- 1% Hi bay 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 PECI’s Sprocket web portal

• PECI recently acquired by CLEAResults

• 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 ratepayer dollars & missing big potential opportunities
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