



Momentum Savings

**Monthly
Update**

May 4, 2016

Meet the team

Baseline alignment library

Standards update

LED market update

What's new

Q&A



Agenda



Meet the team!



Carrie Cobb
Market Research Lead



Michele Francisco
Communication & Outreach



Bonnie Watson
Project Manager (HVAC
+ Ag), SME, Strategic
Mapping

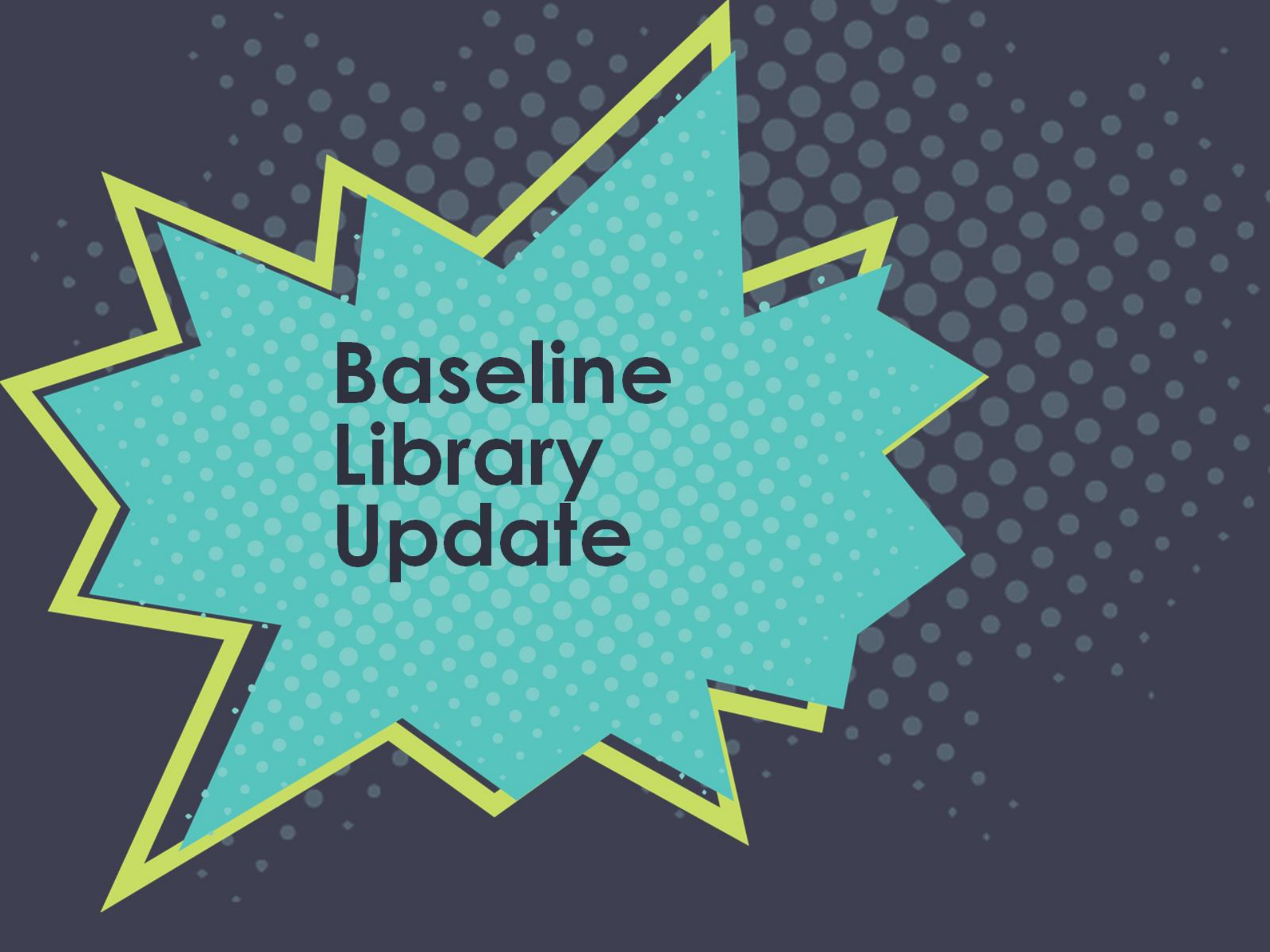


Ethan Manthey
Market Actor Liaison, Sales
Data Collection



Jessica Aiona
Project Manager (Lighting),
SME, Codes and Standards

Team and Roles



**Baseline
Library
Update**

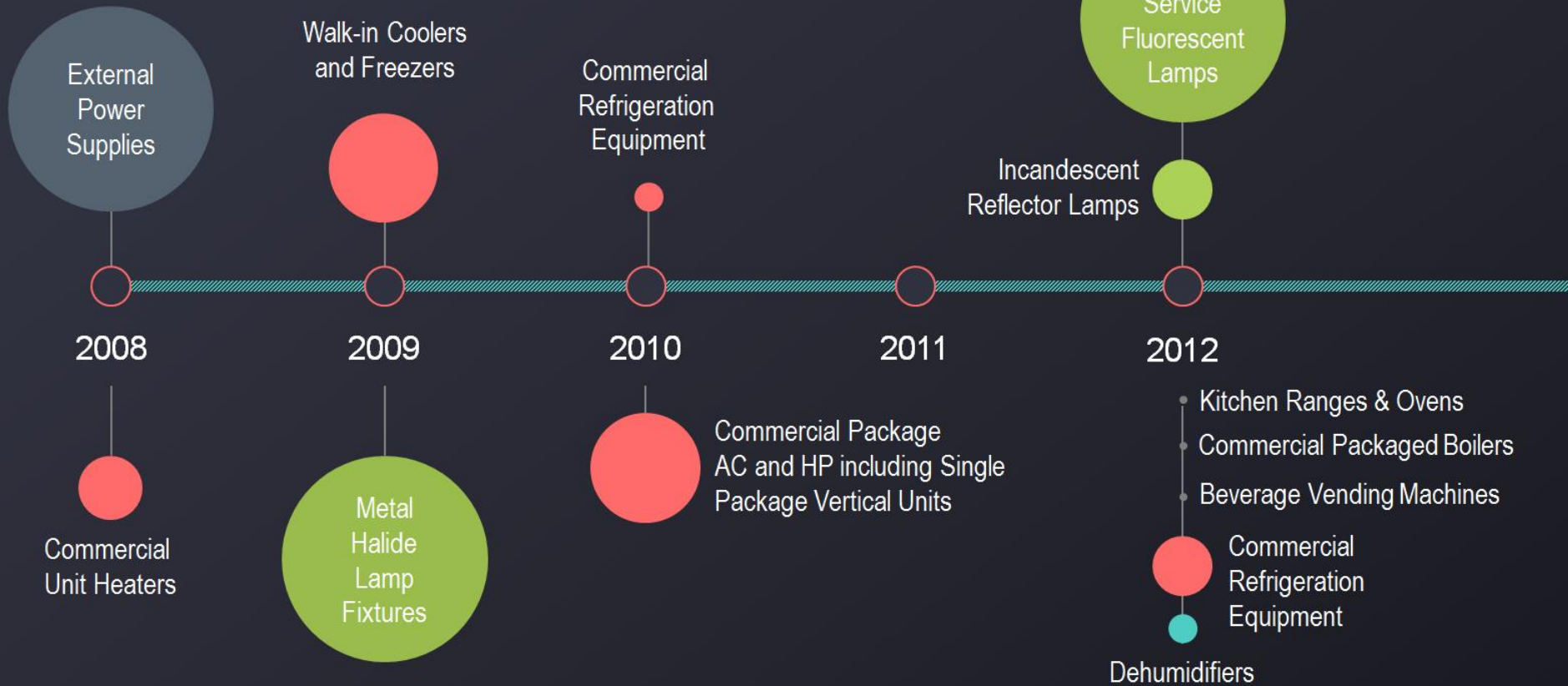
Baseline Library - Next Steps

- BPA response to comments
- Technical workshop – late May/early June
- Regional meeting – June/July
- Webpage:
<http://www.bpa.gov/goto/BaselineLibrary>



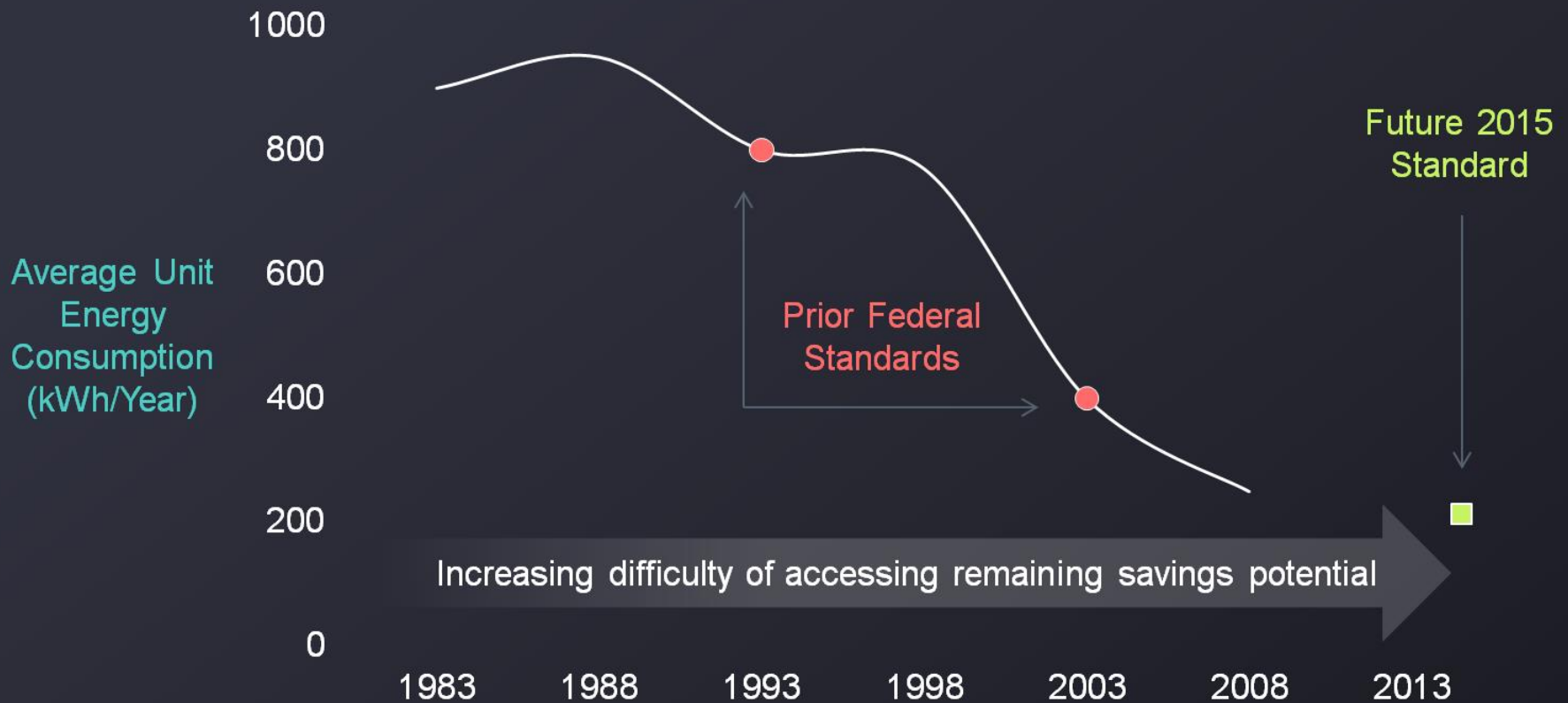
***Standards: What's
new & the plan to
count them***

WHY SHOULD WE CARE ABOUT STANDARDS?

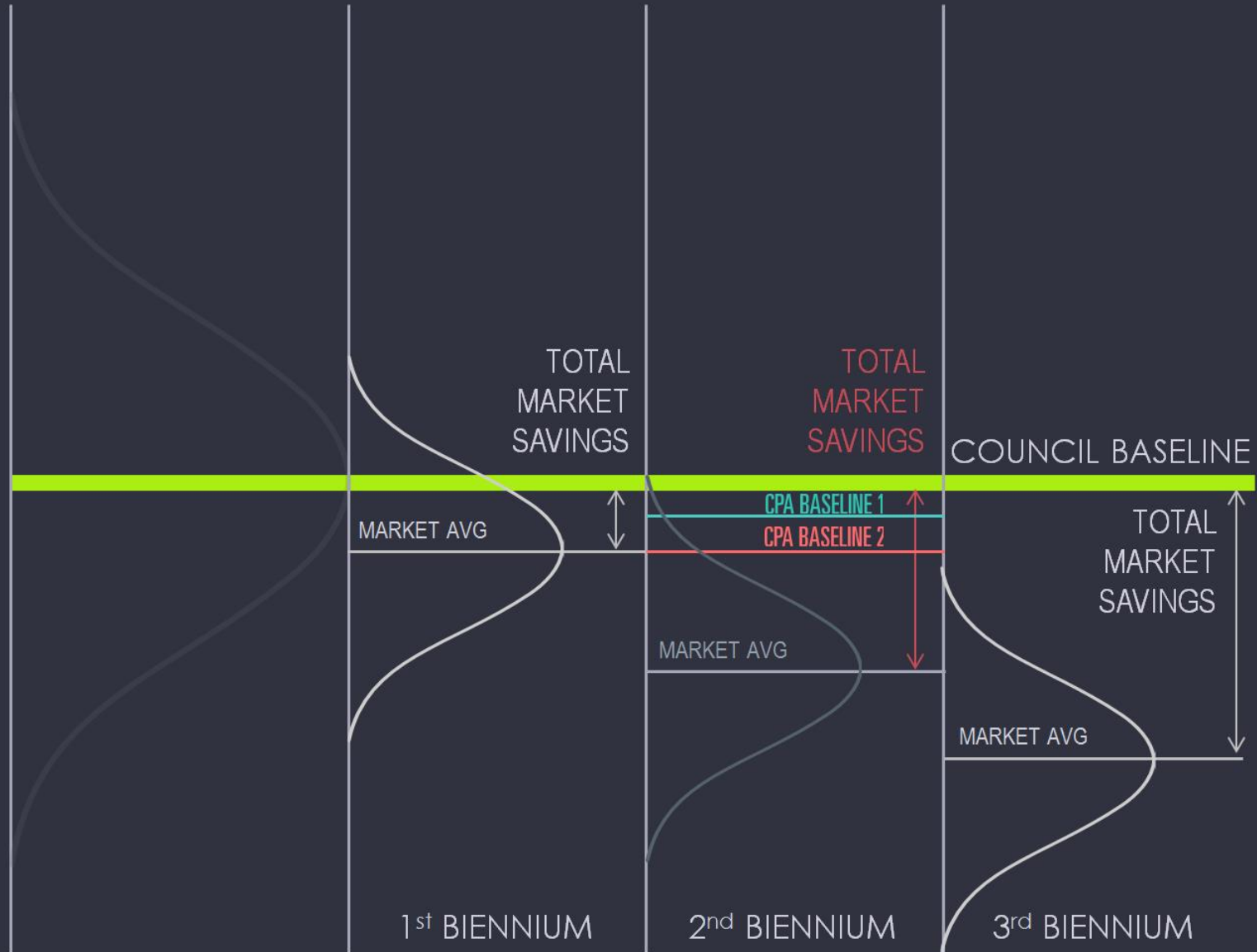




DIRECT BASELINE IMPACT



KWH CONSUMPTION



45 STANDARDS

1,546 aMW (2010-2034)



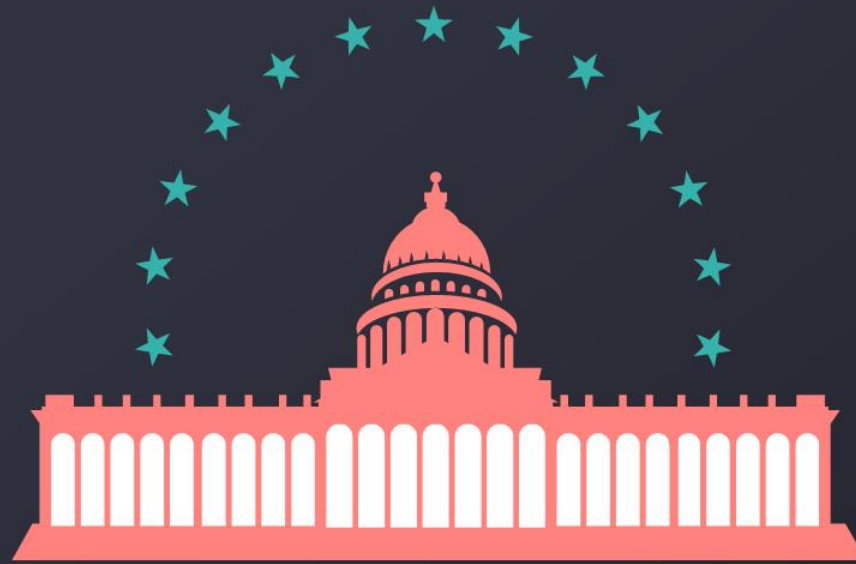
Residential



Commercial



Universal



UPCOMING FEDERAL STANDARDS

14

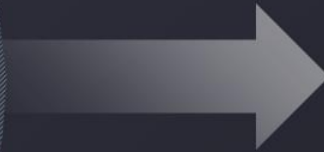
Standards

**Rooftop
Units
LARGEST
STANDARD
EVER**

NEWEST MODELS



Two HVAC Models
Summer 2016



Additional Models
Spring 2017

WHAT'S NEXT

1

BPA and NEEA
will work together
on creating new
models

2

RTF will be
engaged in the
development and
review process

3

Rolling timeline
where a few
models are
focused on at a
time

4

All significant
standards will
have models

What can BPA
share with utilities
and consultants
to help the CPA process?



BE STANDARDS SAVVY



The graphic features a dark blue background with a pattern of small, light blue dots. In the center, there is a large, irregular, starburst-like shape. This shape has a bright yellow-green outline and a teal interior filled with a pattern of small, light blue dots. The text "LED Market Update" is centered within this starburst shape.

LED Market Update

INSTALLED STOCK

Reflects Past Decisions

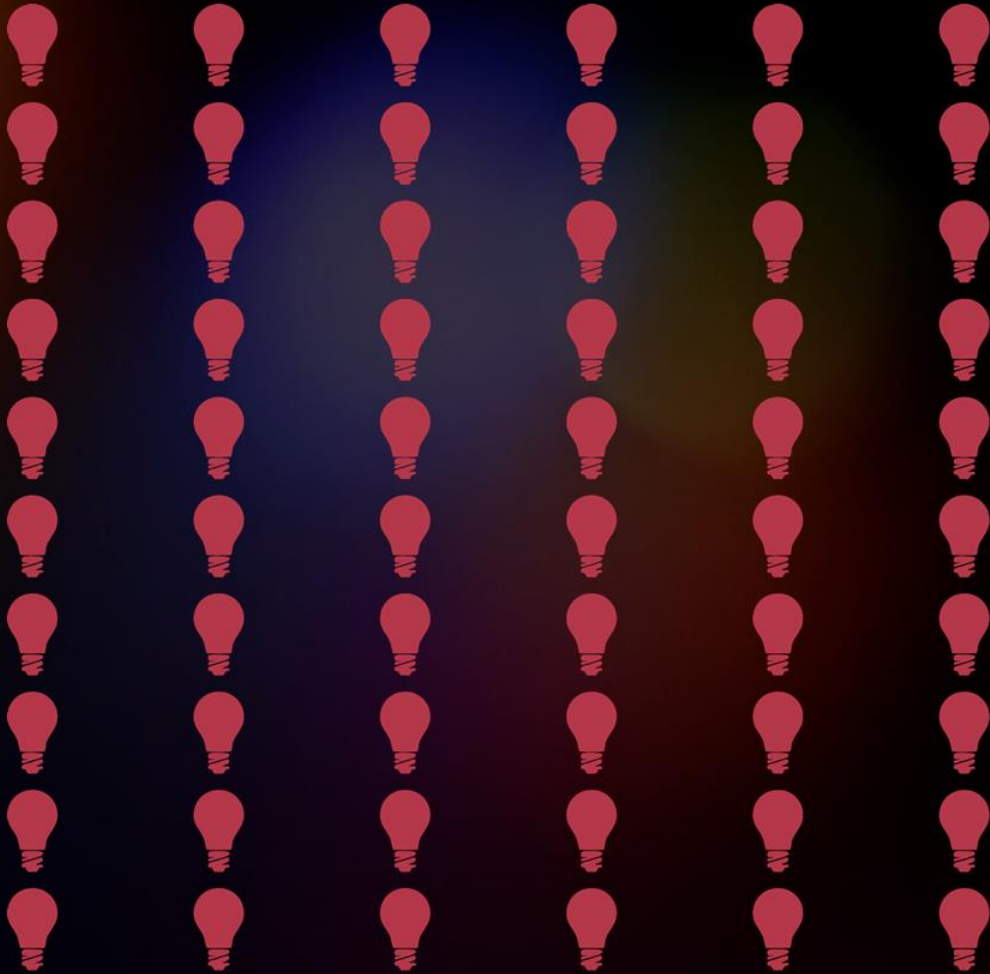


PRODUCT FLOW

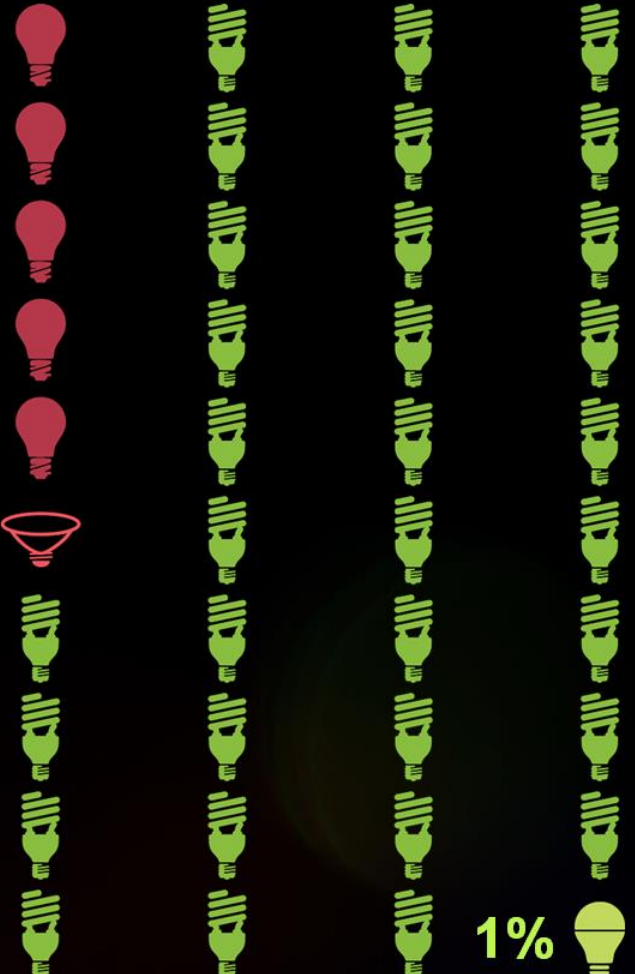
Tells Today's Story



65%



33%



1%



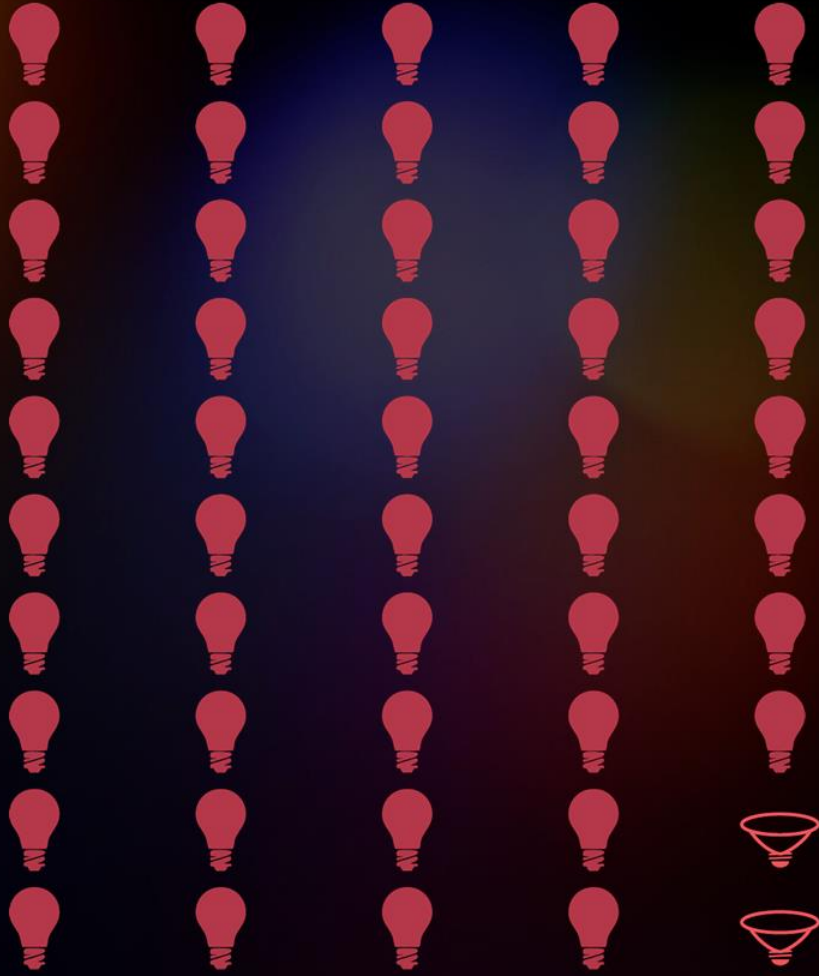
1%



2011



48%



5%



45%



2%



2012



INC



HAL



CFL



LED

40%



15%



37%



8%

2013



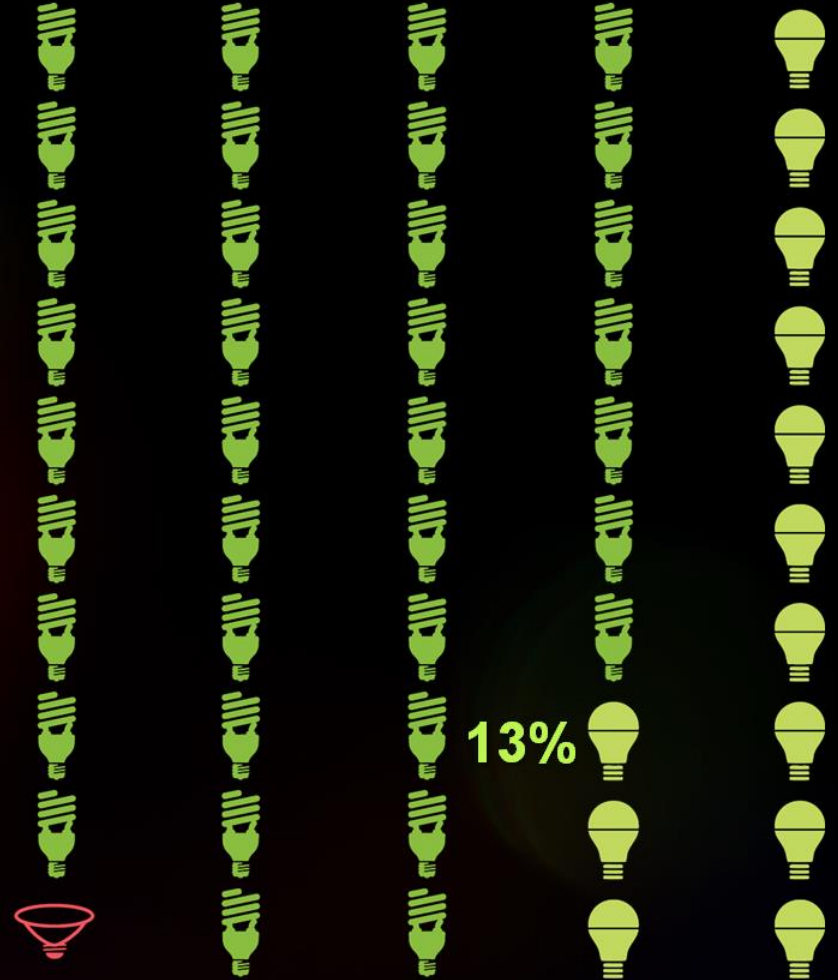
23%



28%



36%



2014



11%



30%



33%



26%



2015



INC



HAL

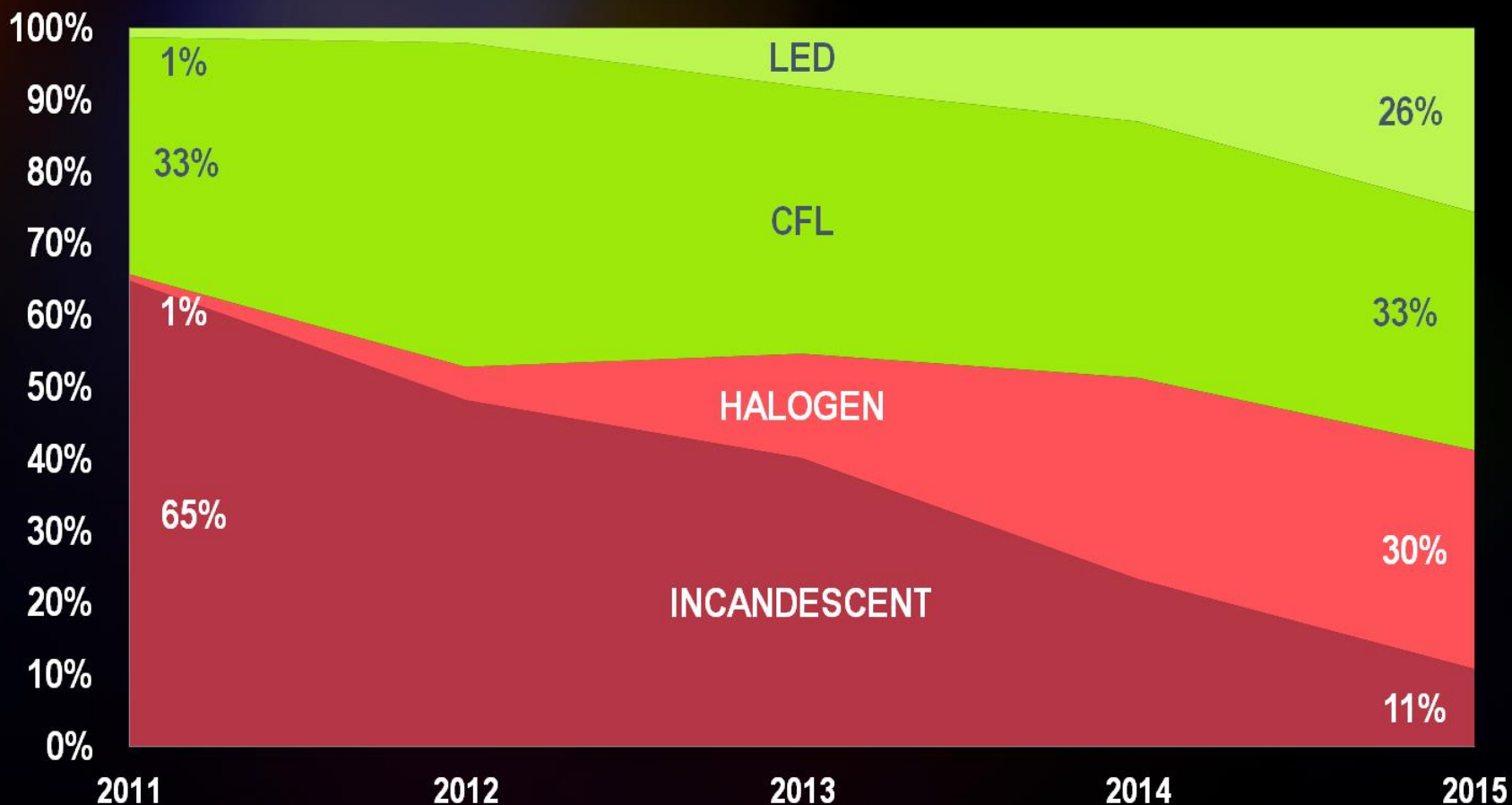


CFL

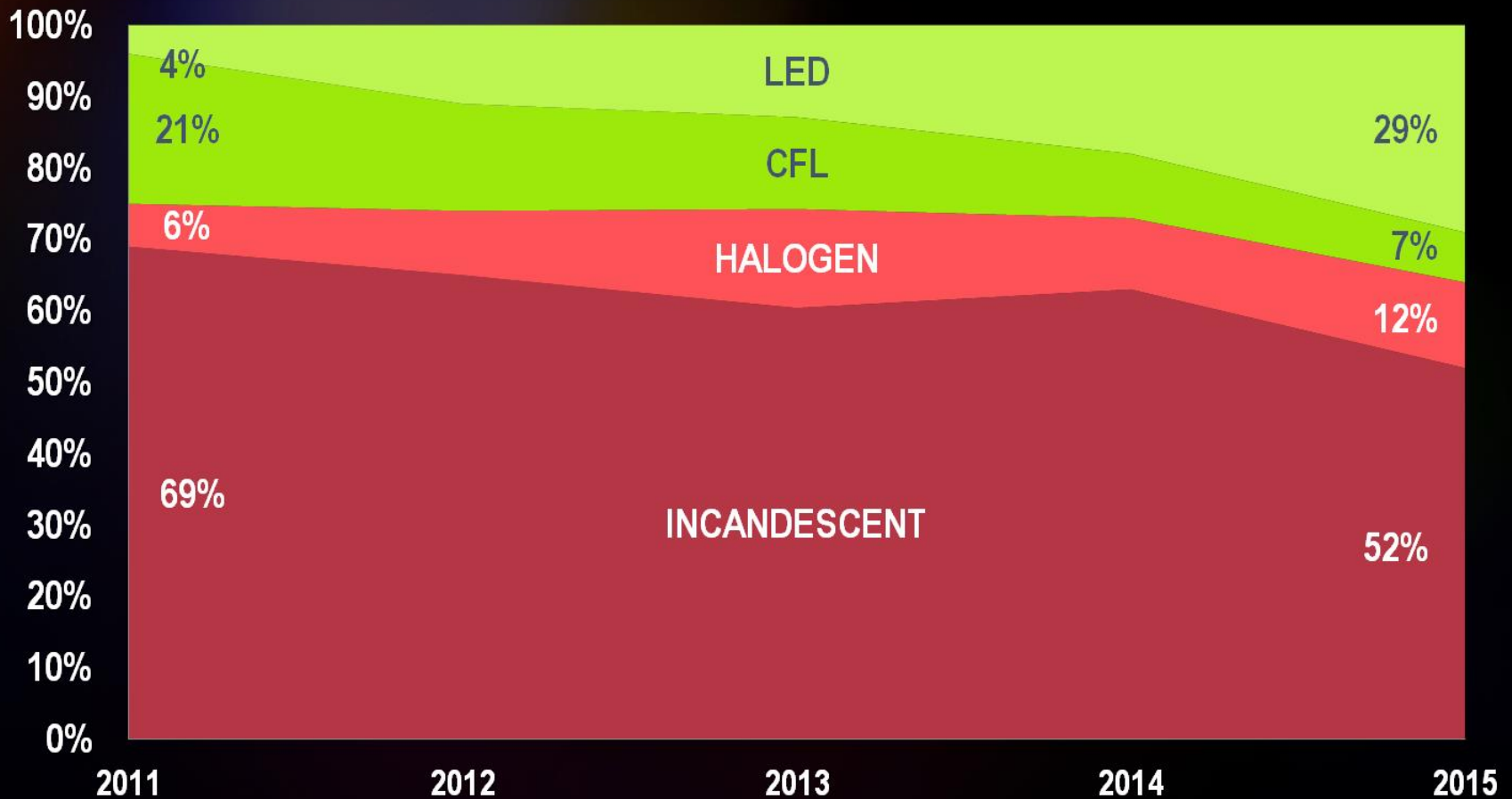


LED

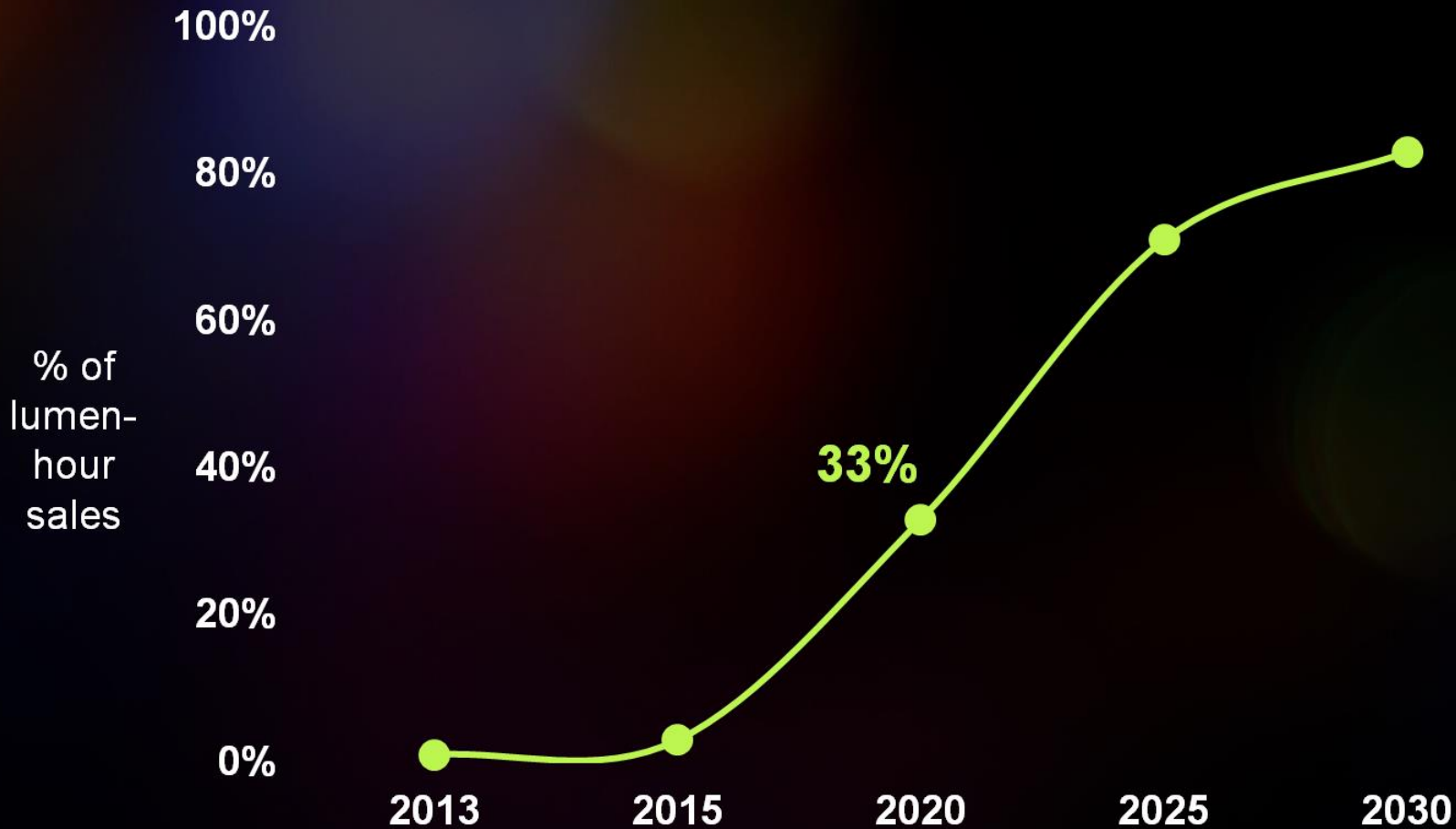
GENERAL SERVICE LAMPS



SPECIALTY LAMPS



FUTURE LED MARKET SHARE



EISA 2020

**In February, DOE issued a
notice of proposed rulemaking
for general service lamps**



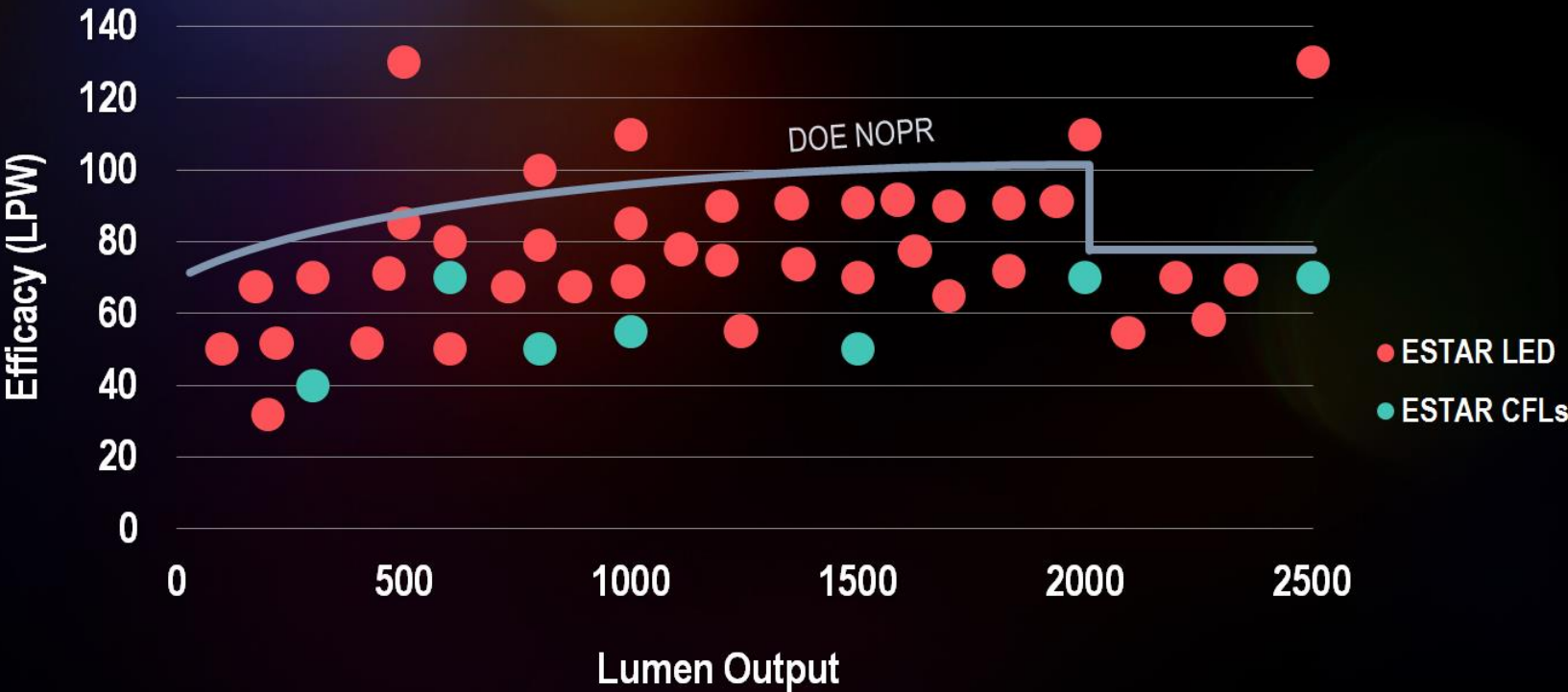


Proposes a minimum efficacy
of 70 lumens/watt, which

ONLY SOME LEDs

can currently meet.

MOST ENERGY STAR LAMPS WON'T QUALIFY



WHAT HAPPENS NEXT?



DOE seeks
public comment



DOE issues
Final Rule



Covered lamps to
comply 3 years after
Final Rule issued

HVAC Research Findings
Brownbag, May 26, 12pm

HVAC Market
Intelligence Report

www.bpa.gov/goto/HVAC



***What's New
& Upcoming***

Questions + Discussion



**Next Meeting:
May 25th, 9am**