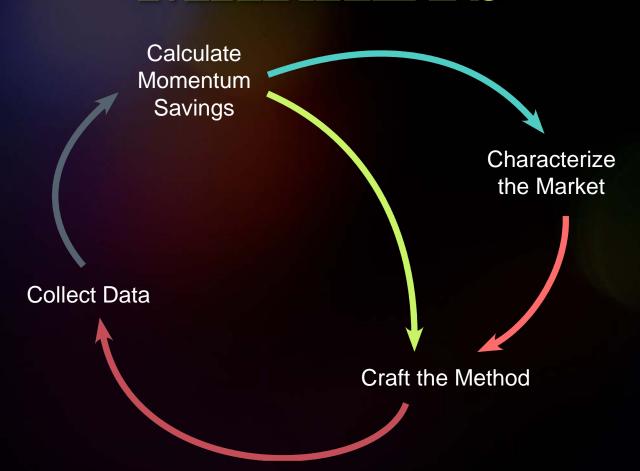




# WHYWETRACK MARKETS



#### HOW WE KEEP UP





**Interviews** 

**Analysis** 

**Modeling** 

#### LITERATURE REVIEW

**RBSA** 

Evaluations & Program Reports

Sixth & Seventh Plan

Local
Program
Data

Industry
Research
& Press
Releases







We used the

#### CHAIN LOGIC METHOD

to develop representative market averages.

#### MODELING







Every Lamp Sold (66 million)

Every Socket (300 million)

Every Home (5.6 million)

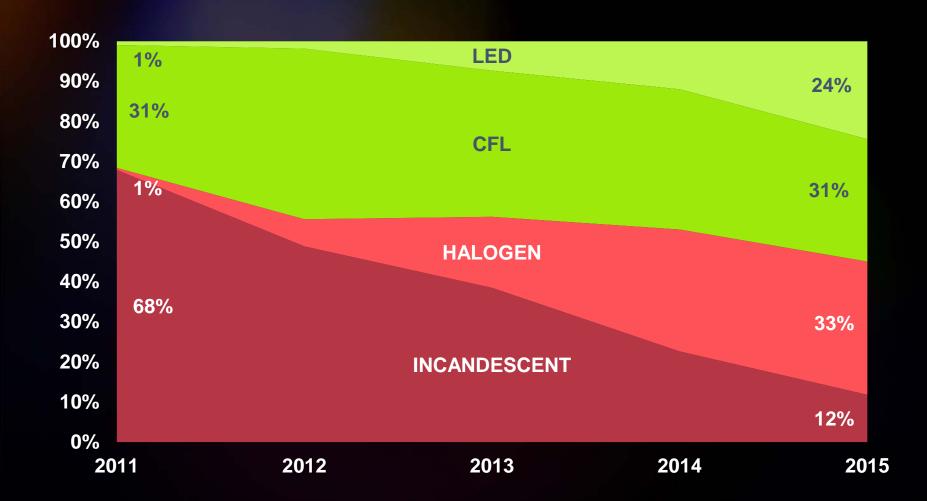
#### MODELING

**MARKET SAVINGS** 

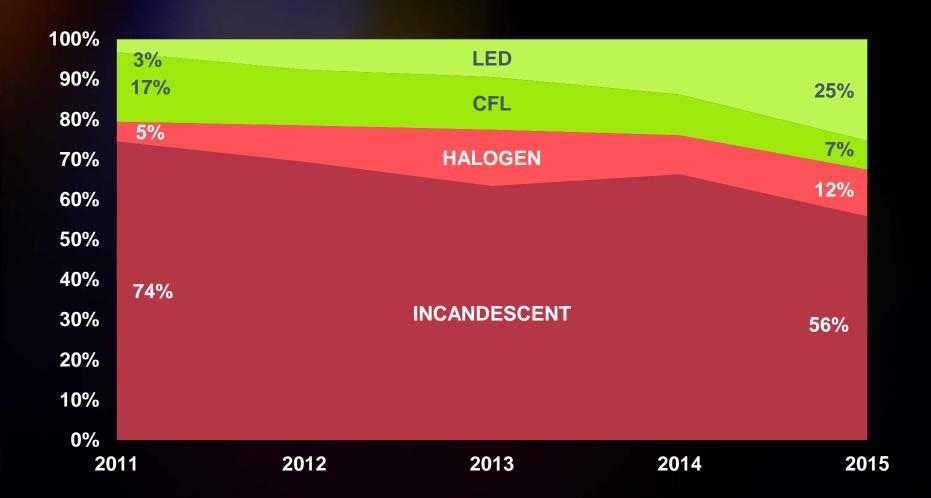
**ACTUAL CONSUMPTION** 



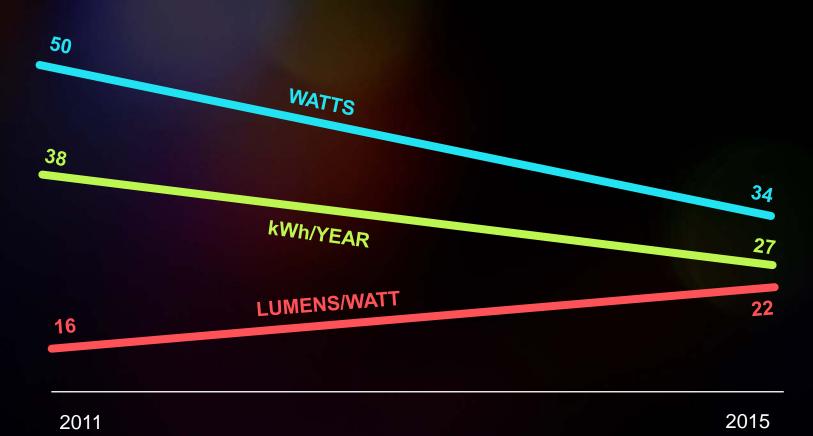
#### GENERAL SERVICE LAMPS



#### SPECIALTY LAMPS





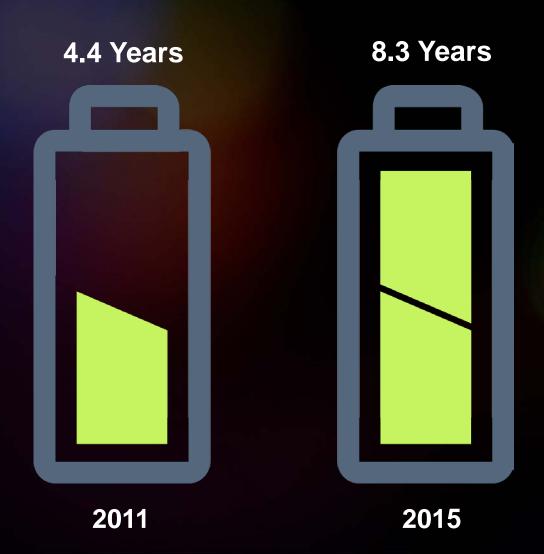


#### MEANINGFUL DIFFERENCE



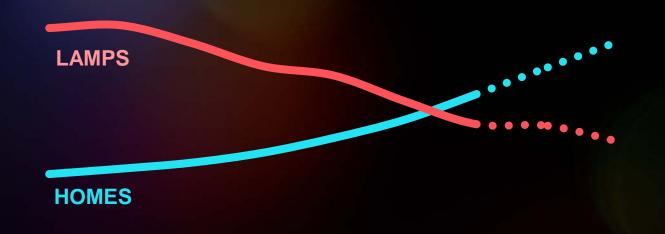
\$52 Annual Savings per Customer

### THE AVERAGE LAMP ALSO LASTS TWICE AS LONG



#### LONGER LIFE = FEWER SALES

(Millions of homes)

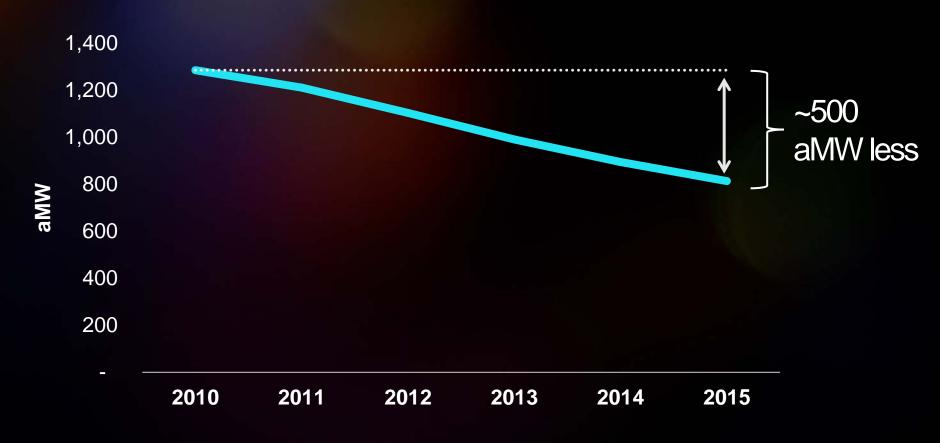


(Millions of lamp sales)

2009 2017

# TOTAL NARET SAVINGS





# THAT'S THE EQUIVALENT OF...



330,000 HOMES

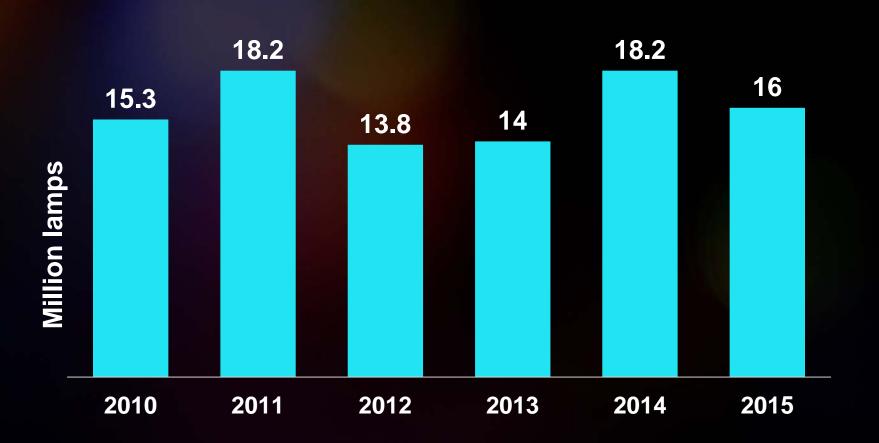


EVERY DRYER
IN THE NW

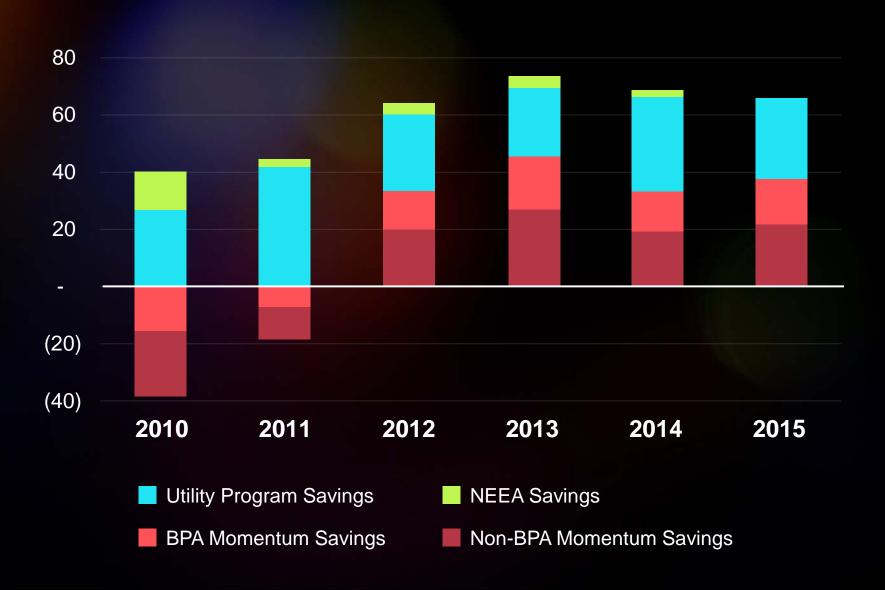


THE HUNGRY HORSE DAM

#### PROGRAM ACTIVITY



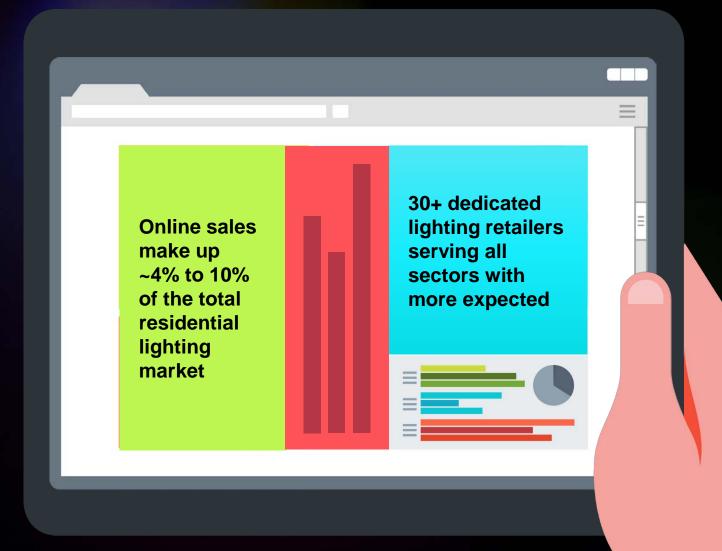
#### MOMENTUM SAVINGS







#### RAPID GROWTH



## SELL FEWER ENERGY STAR LAMPS



# OPPORTUNITIES TO REACH RURAL CUSTOMERS







LIGHTING SHOWROOMS
SERVE BOTH SECTORS





# HOW DO BUILDERS CHOOSE THEIR LIGHTING?





**Builder** 

**Electrician** 

# WHO DETERMINES SPECS?

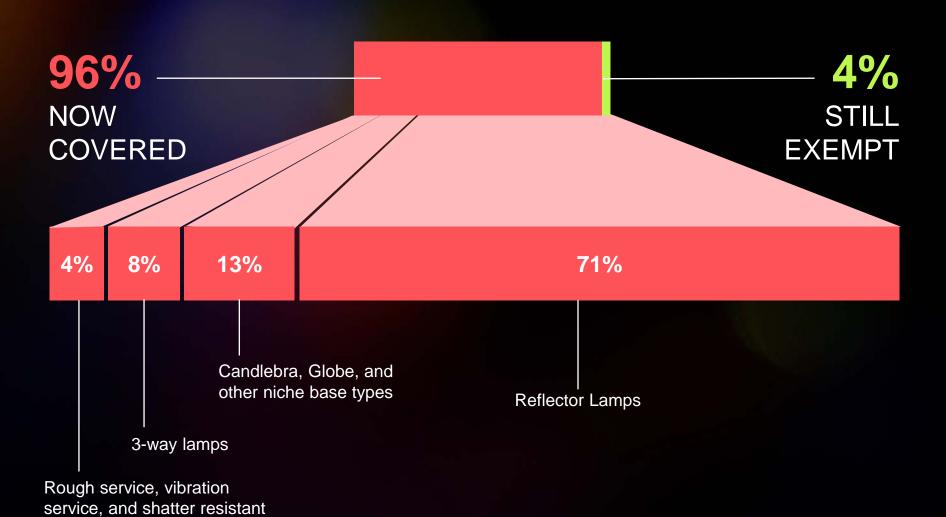
**Showroom** 



### EISA 2020...VIAYBE

**45 LUMENS PER WATT** 





# IKEY TAKEAWAYS

#### Consumers are buying

## MORE EFFICIENT LAWPS.



2011

2015

1/3

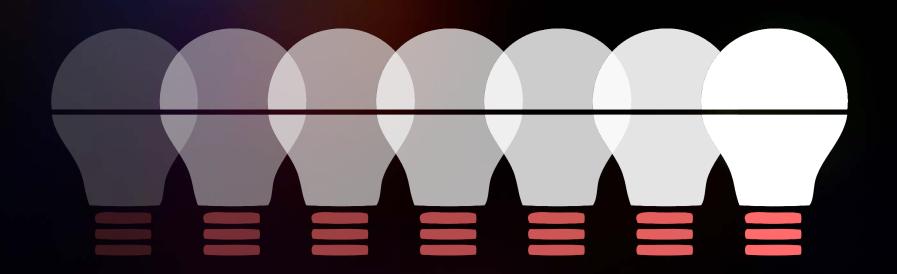
Total residential lighting

ENERGY
CONSUMPTION
HAS FALLEN

by more than a third.

EISA 2020, if it stands, will drive even

#### greater efficiency gains.



#### The lighting model we developed is a

#### resource for the region.



PROGRAM PLANNING



MEASURE UPDATES



POWER PLANNING

## BETTER DATA = BETTER MODELS.

**Update model with...** 

NEEA's 2016-17 RBSA NEEA's ongoing retail shelfstocking Market share reflecting emerging channels

