

SUMMER PREPAREDNESS 2015

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INDIANA MICHIGAN POWER



Approximately
2,400 Employees

Over 585,000
Customers in
2 States



Nearly 4,000 Miles
Transmission Lines, part of
the Largest U.S. Network

Approximately 20,000
Miles Distribution Lines



Approximately 6,000 MW
Generation Capacity



I&M GENERATION PORTFOLIO



COAL
49.7%
2,600 MW

Rockport 1

Rockport 2



WIND
8.6%
450 MW

Wildcat

Fowler Ridge



NUCLEAR
41.3%
2,160 MW

Cook 1

Cook 2



HYDRO
0.4%
22.4 MW

Six Run-of-
River
Hydroelectric
Dams



SOLAR

~15 MW

To Be Built
2015-16

I&M – PJM COORDINATION

Fixed Resource
Requirement: Load
Server secures
capacity to satisfy
their load obligation

I&M, as part of the
AEP FRR entity,
can meet the
capacity requirements
for its load obligations

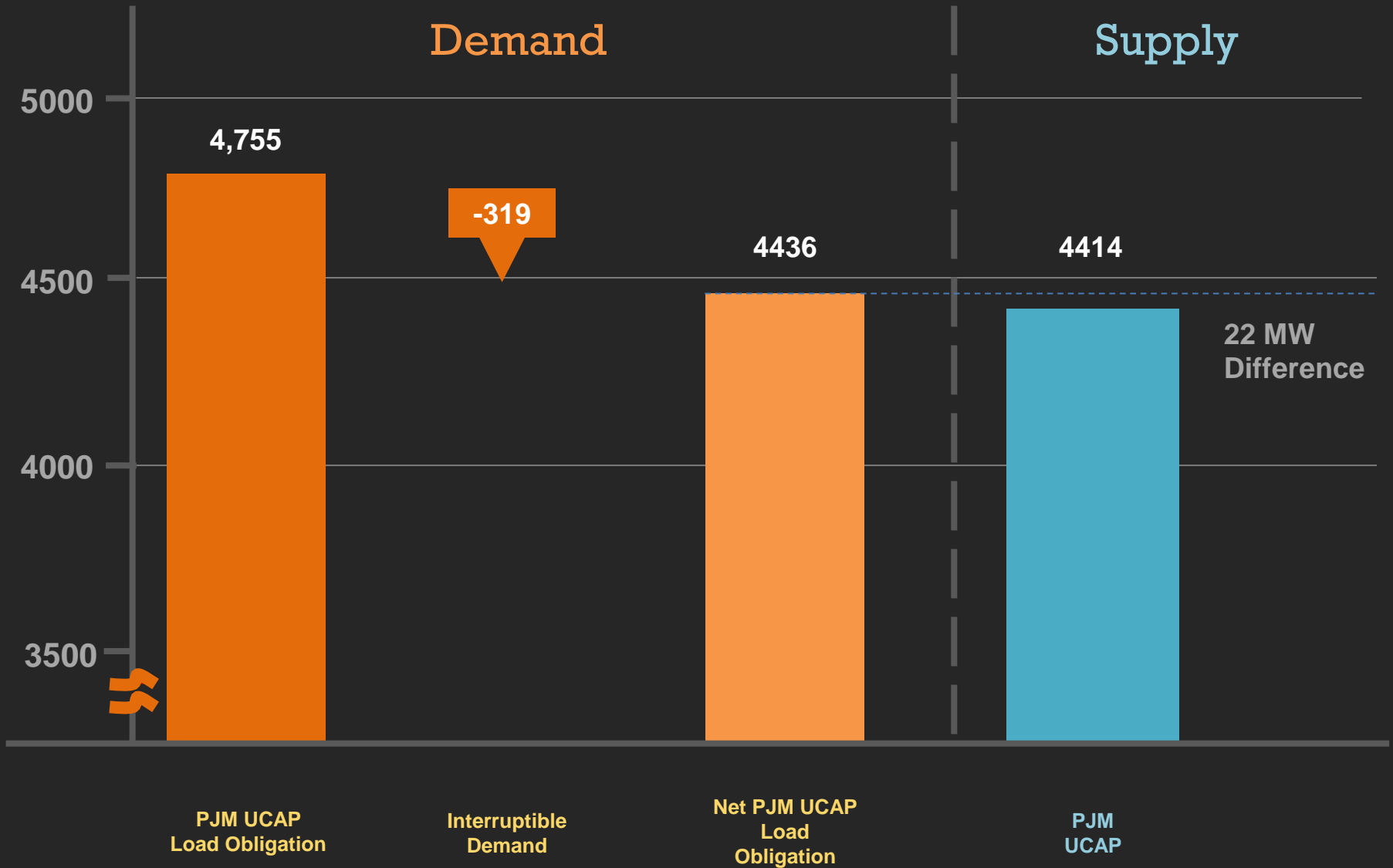
Coordination
and Planning



SUMMER ENERGY OUTLOOK

PJM Unforced Capacity (UCAP)

M
E
G
A
W
A
T
T
S



ENVIRONMENTAL IMPACT



MATS: Mercury and Air Toxin Standards

Rockport Plant

Dry Sorbent Injection (DSI)
Selective Catalytic Reduction (SCR)

Tanners Creek

Retirement June 1st

DRIVERS OF TRANSMISSION INVESTMENT

Generation Retirements

**Local Reliability
Improvements**

Aging Infrastructure

**New Customer/ Generation
Interconnections**

GRID OF THE FUTURE – GENERATION DIVERSITY

Solar

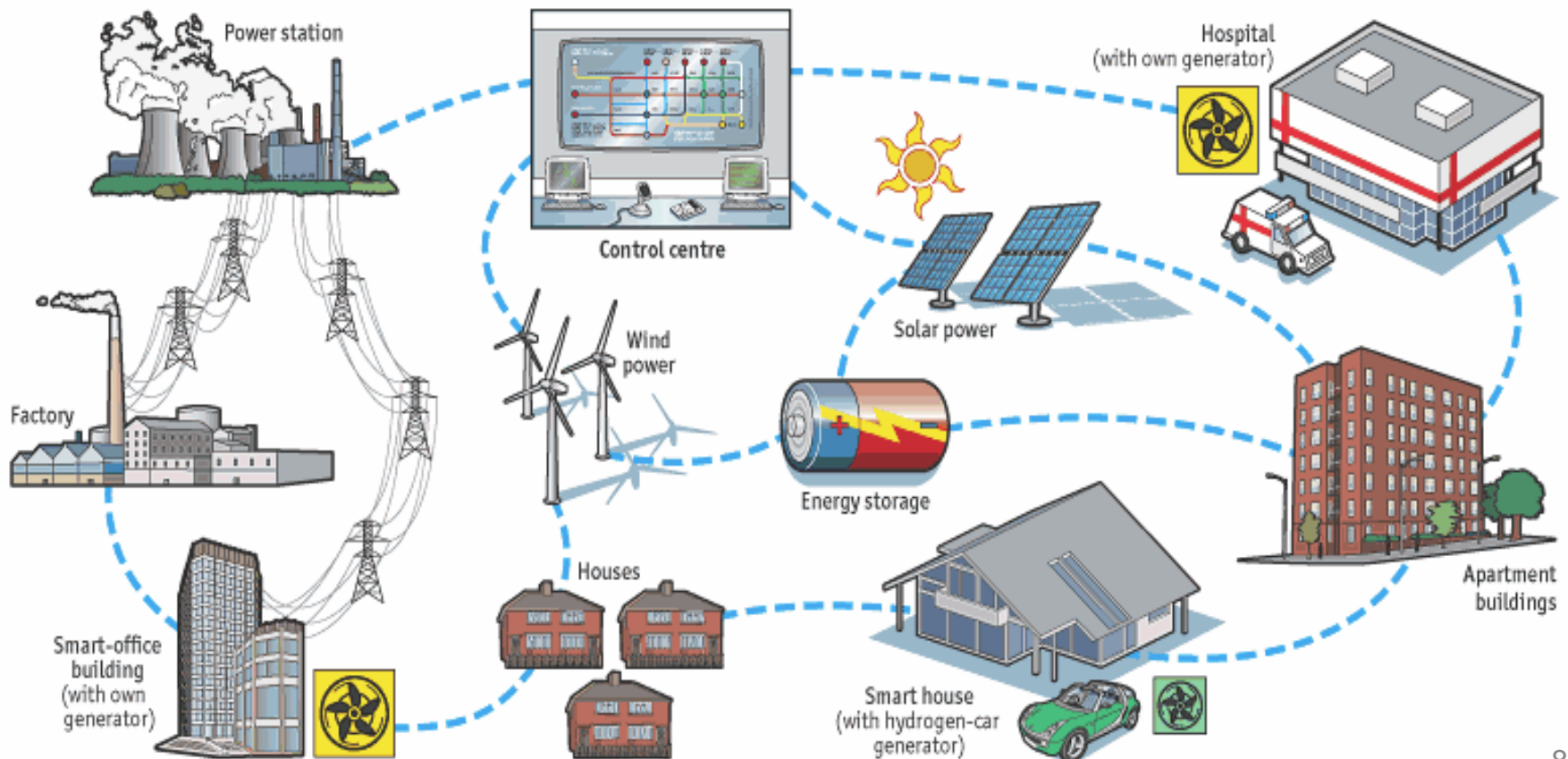
Wind

Distributed
Generation

Micro Grids

Demand Response

Grid-Scale Battery
Technologies





Asset Health Center

Drop in Control Modules

B O L D

Breakthrough Overhead Line Design

Single Phase Switching

Static VAR Compensators

Interphase Spacers

V V O

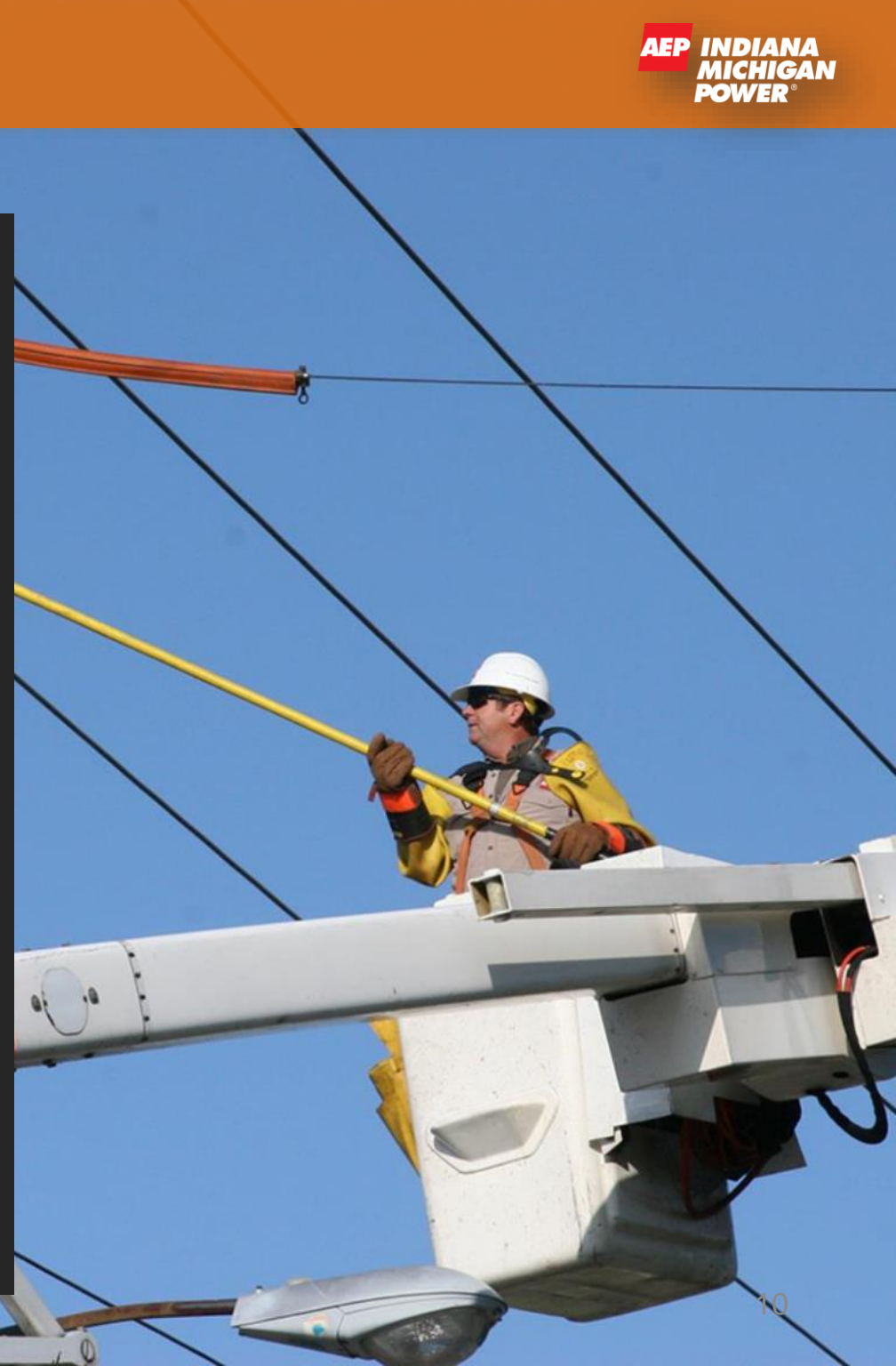
Volt VAR Optimization

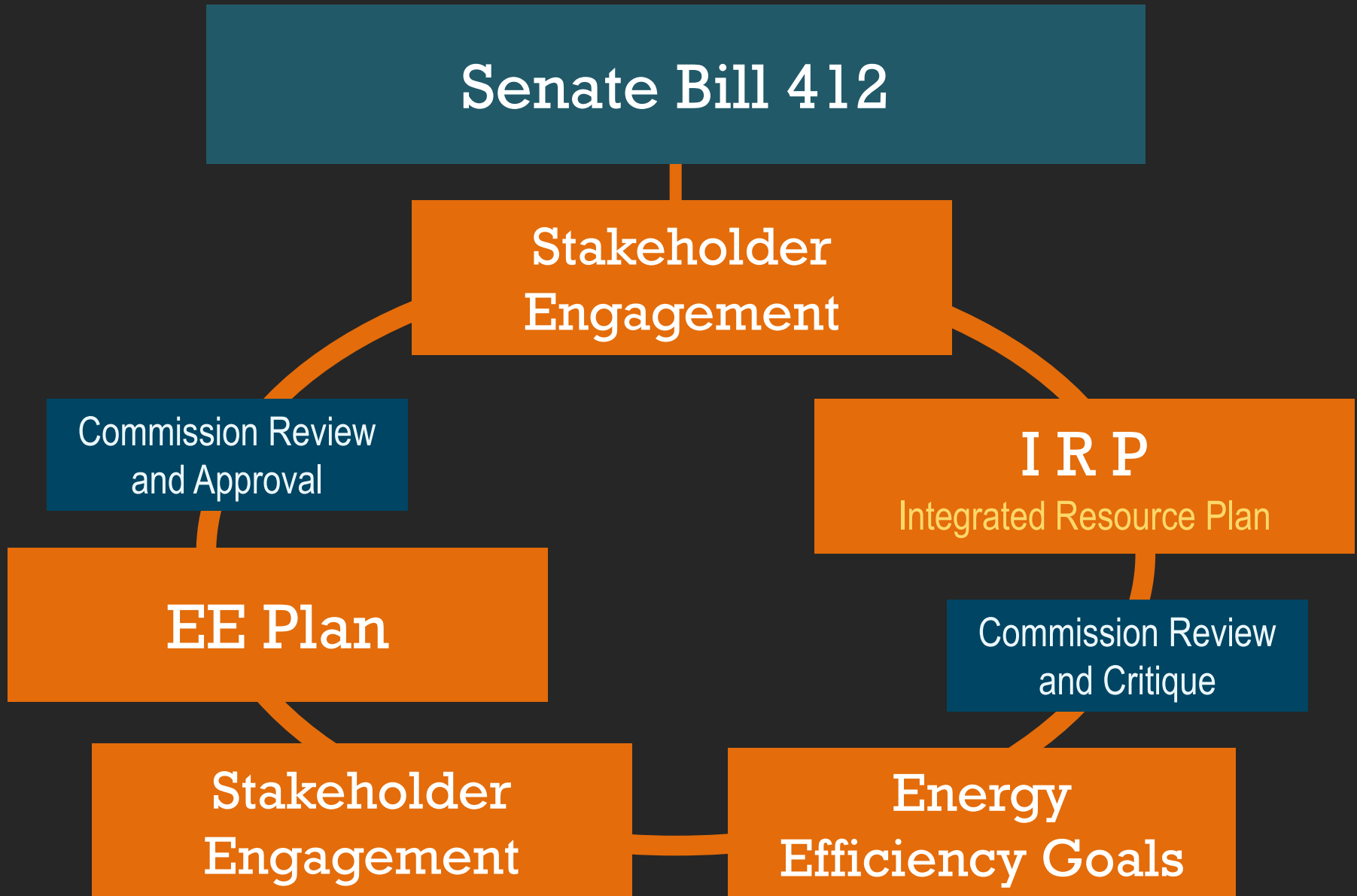
I&M Volt VAR Program (VVO) augments energy efficiency efforts

2014: One full year of experience with VVO as EE

Initial (Draft) Results: independent evaluation shows energy and demand conservation is occurring with VVO in operation

Conservation response is as expected (1:1 response; 1% voltage reduction equates to 1% energy conservation)





Methodology for Energy Efficiency Goals



The image displays three vertical cards on a green background, each representing a different energy efficiency goal. Each card features a glowing lightbulb icon at the top, a yellow banner with a social media-style handle, and a text box below. The first card, labeled '@HOME', shows a house-shaped lightbulb and discusses energy savings in homes. The second card, labeled '@WORK', shows a building-shaped lightbulb and discusses energy management in workplaces. The third card, labeled '@SCHOOL', shows a school-shaped lightbulb and discusses energy efficiency education for children.



@HOME

Using energy efficient products and behaviors in your home can really add up to energy savings. Enter here to discover ways to reduce energy consumption and help the environment.



@WORK

Managing energy use in the workplace can be very important to the bottom line. Businesses of all sizes can take control of their energy use by installing and maintaining efficient systems and equipment. Learn more here.



@SCHOOL

Today's kids will lead the way to a more energy-efficient future. You can make an impact by using these resources in your school to teach them what it's about and find out how you can lead by example.

Methodology for Evaluation, Measurement and Verification (EMV)



Energy Efficiency

AMR Meter Reading

Understanding
The Bill

Incident Command
Structure (ICS)

Serving customers the way they want to be served

THE CUSTOMER EXPERIENCE



An improved approach to crisis management, including storm restoration

Proven ability to manage events more effectively and with better communication

Training and preparation prior to implementing

INCIDENT COMMAND SYSTEM



SIGN UP FOR THE NEW
I&M ON THE GO
MOBILE ALERTS

TEXT

EMAIL



CURRENTLY AVAILABLE:

- Outage alerts

COMING SOON:

- Customer billing
and account status

SIGN UP ONLINE AT:

IndianaMichiganPower.com



Questions and Discussion

