

BPA EE Action Plan Update

August 4, 2016

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Welcome and Level Setting

EE is holding proposed IPR spending levels flat compared to the current rate period (FY 2016-17).

EE is conservatively forecasting a total acquisition essentially consistent, but slightly lower, than the Council's 7th plan targets.

EE will continue to work to identify and implement efficiencies that will allow the program to cost effectively deliver value.

Our acquisition forecasts are bottom up and conservative; Over a six year time horizon they may change. .



Context for the Conversation

Focus 2028
is Ongoing

- We want your participation in this process to help steer our future efforts.
- This process may change BPA's EE program and necessitate the need for further conversations regarding proposed spending levels and EE targets.
- Our budget represents a status quo approach based on our current operational model.

Developing the BPA Action Plan



Fall
2015

Draft 7th
Plan

Winter
2016

BPA
savings
and
budget
analysis

Winter
2016

Final 7th
Plan

Spring-
Fall
2016

Develop
Action
Plan,
Public
Review

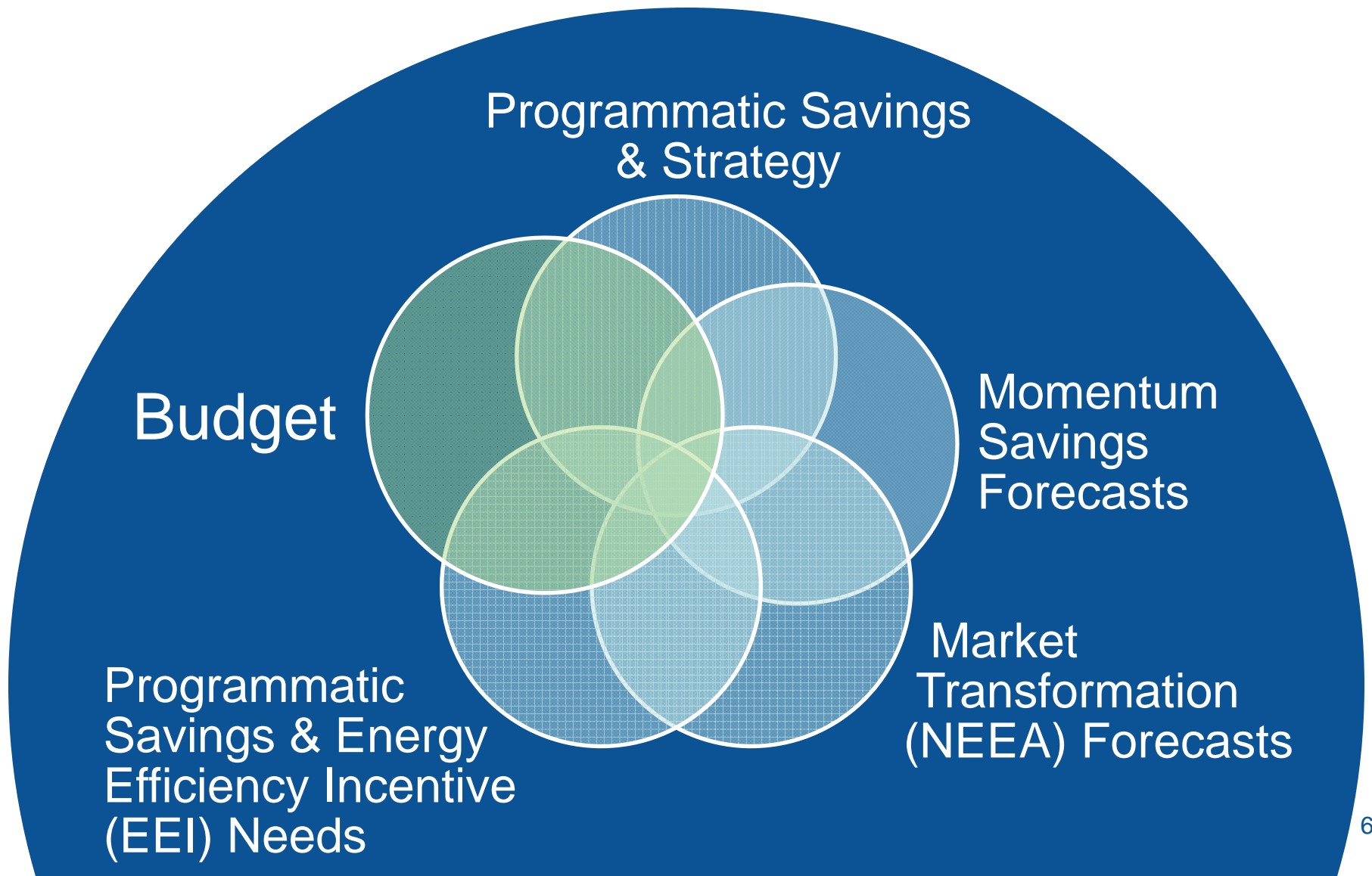
December
2016

Finalize EE
Action Plan

BPA EE Action Plan



Critical Elements of the EE Plan



2016-2021 Draft EE Plan Preview: contents



Key Strategic Themes

1

Focus on delivery and making programs accessible and easy to use for BPA's customers

2

Identify & prioritize new technologies

3

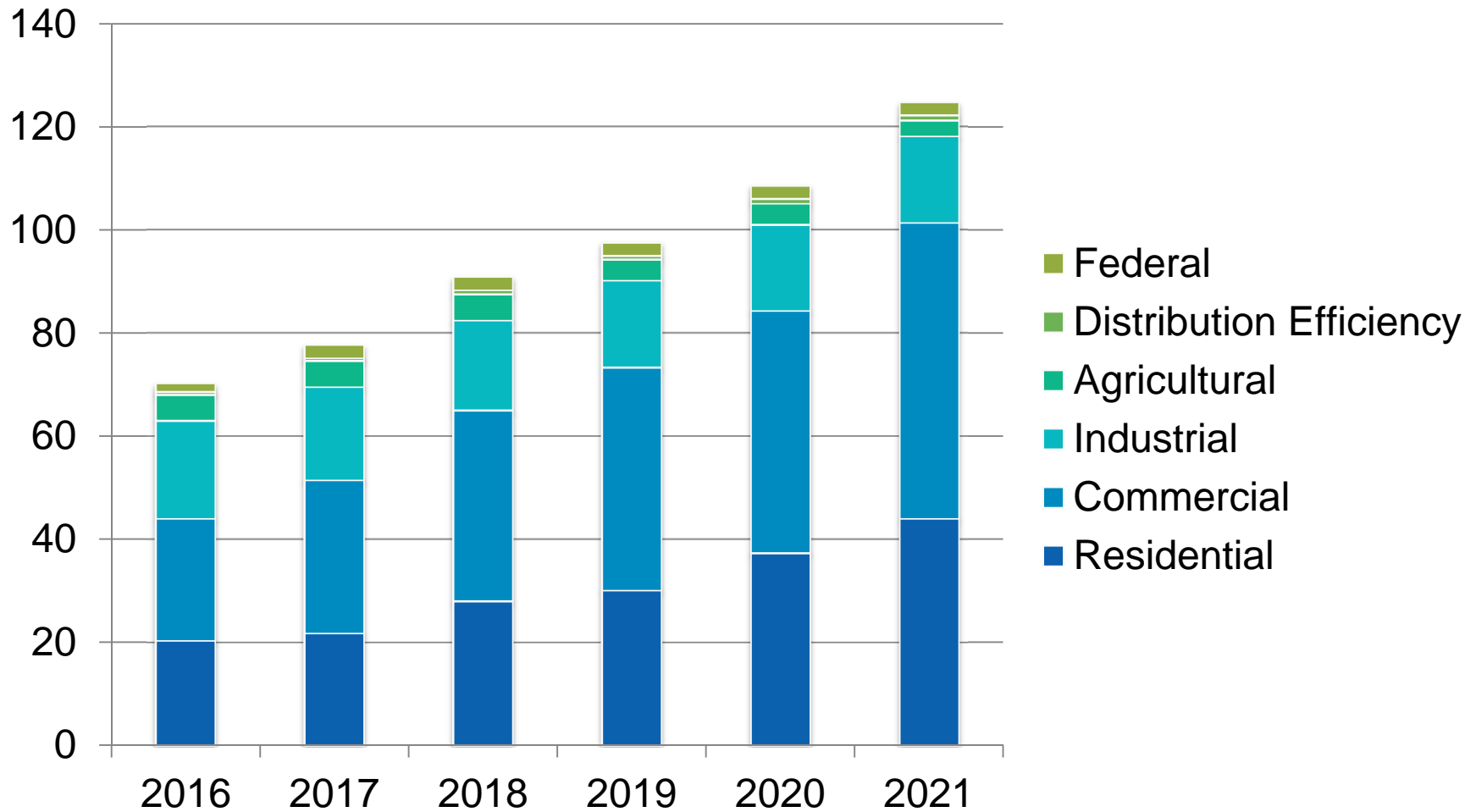
Leverage regional efforts

Draft Savings Estimates

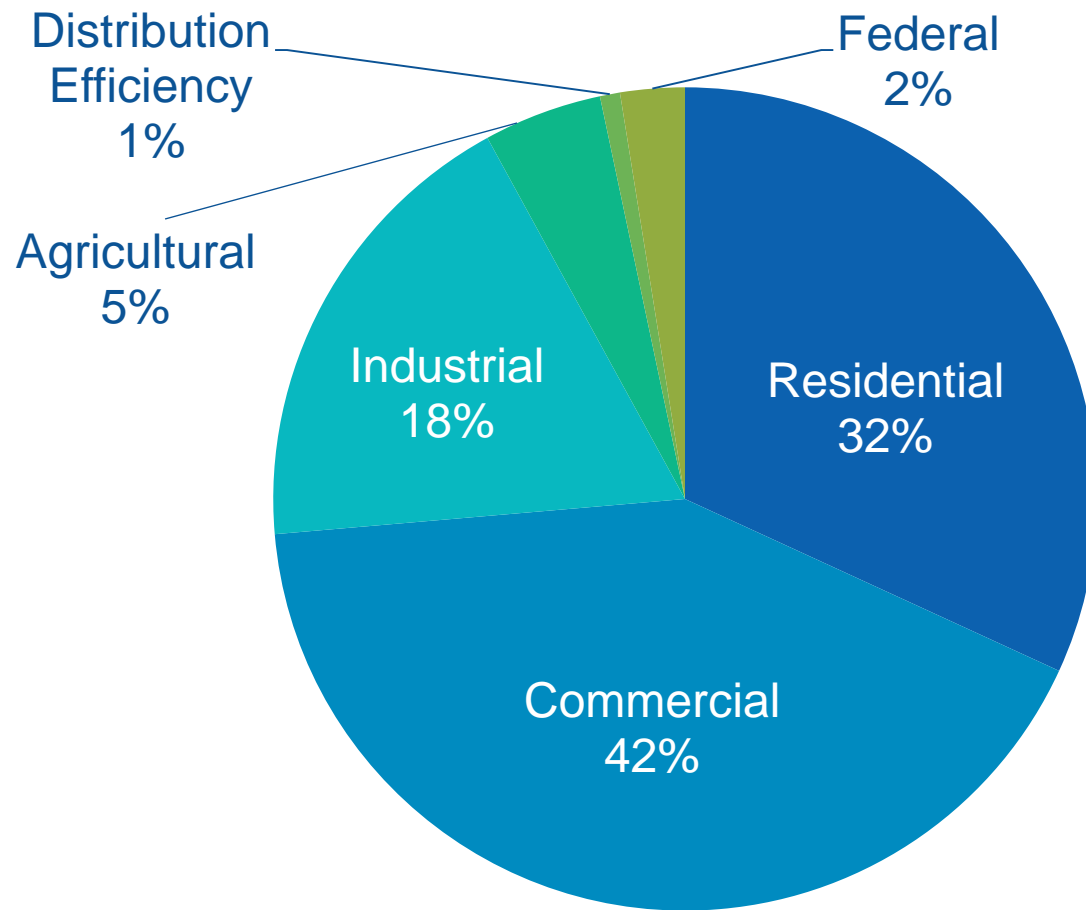
Draft EE Action Plan Savings Summary (aMW) - 2016-2021

Draft Estimated Savings by Source	2016	2017	2018	2019	2020	2021	Total Savings
BPA & EEI-Funded Programmatic Savings	44	45	45	44	44	43	264
Utility Self-Funded Programmatic Savings	14	14	14	14	14	14	83
Market Transformation	2	3	5	6	9	3	27
Momentum Savings	10	16	27	34	42	65	194
Total Forecast Public Power Savings	70	78	91	97	109	125	569

Draft Savings by Sector (All savings types)



Total 6 Year Savings By Sector

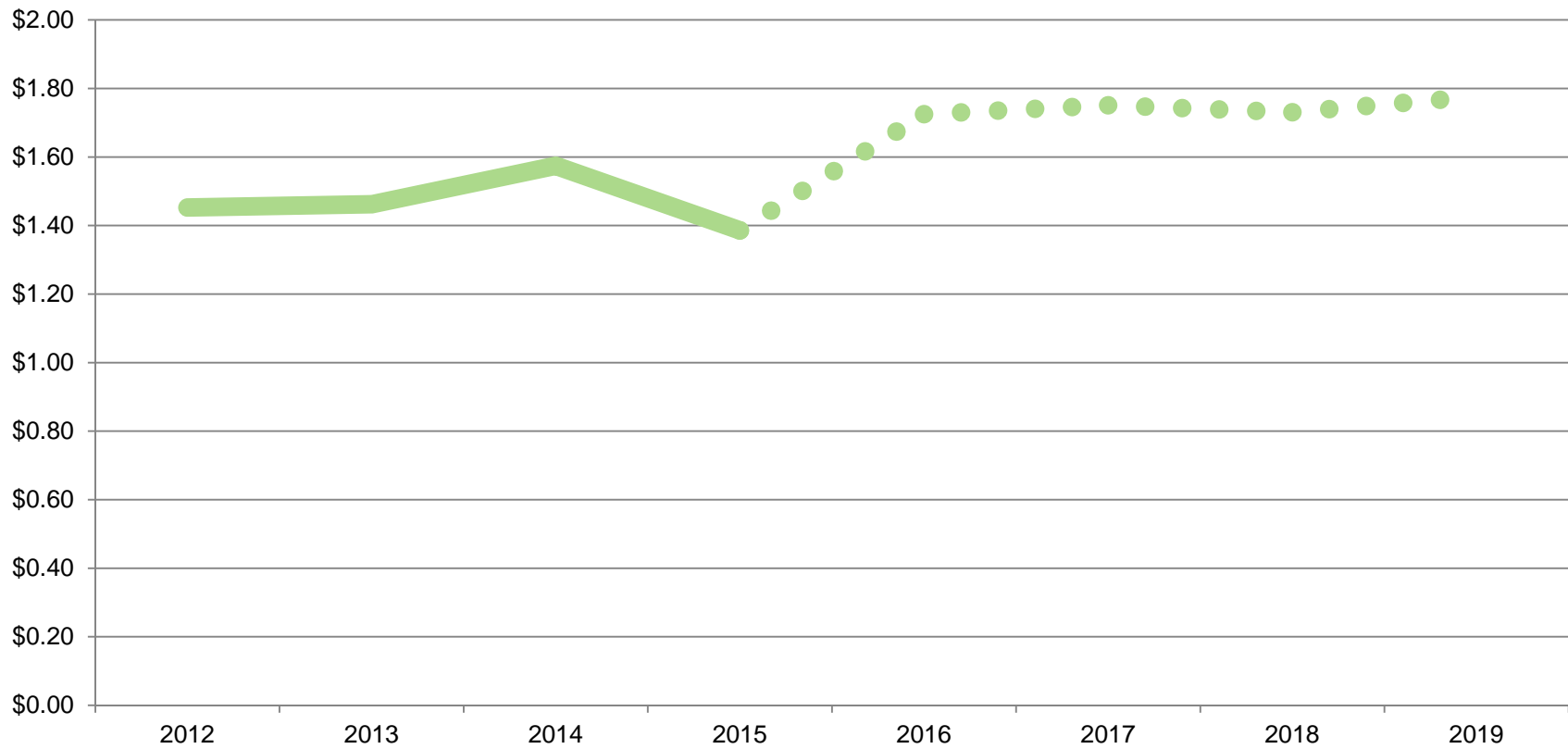


EE IPR Budgets

In \$1,000s	Rate Case		Proposed IPR		
	2016	2017	2017	2018	2019
Conservation Infrastructure	\$101,932	\$104,702	\$27,534	\$27,149	\$27,283
Conservation Purchases	\$0	\$0	\$77,360	\$76,700	\$76,700
Demand Response and Smart Grid	\$1,245	\$1,245	\$893	\$856	\$854
Low Income EE (Grants)	\$5,336	\$5,422	\$5,422	\$5,523	\$5,627
Market Transformation (NEEA)	\$12,531	\$12,691	\$12,851	\$12,364	\$12,049
Grand Total	\$121,044	\$124,060	\$124,060	\$122,592	\$122,512

Programmatic Average Cost

Average million \$/aMW



What's next? EE Plan Timeline



2015 Q3

Review draft targets, begin strategic planning

2016 Q2

Analyze savings and costs, draft Plan

2016 Q3

Write EE Plan, Public review and comment

2016 Q4

Release Final 2016-2021 EE Action Plan



Thank you