

# 2016-2018 Strategic Evaluation Plan (SEP) Update

Massachusetts Energy Efficiency Advisory Council Meeting, June 13, 2017

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## **SEP Update - Overview**



- Original SEP Plan filed with 2016-2018 Plan
- Update was a mid-term review of new ideas and reprioritization of existing topics
- Lessons Learned from Current Evaluations

#### **Overview of Process**

Engage with internal and external stakeholders

 New study ideas were gathered from internal PA stakeholders and external stakeholders through the EEAC consultants Discussions with EM&V Vendors

- A series of discussions were held with EM&V vendors in each research area
- New topics were discussed and old topics were re-evaluated

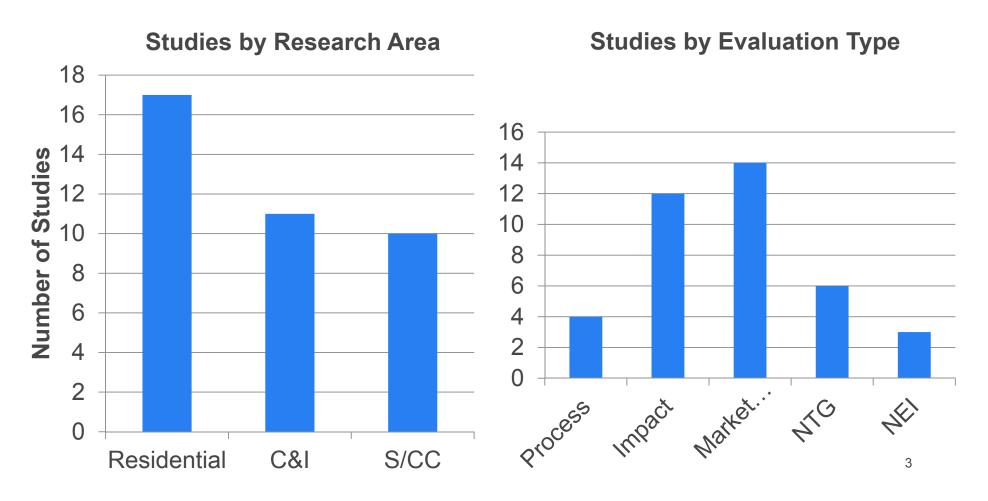
Final vetting with EMC

 The EMC and EEAC consultants reviewed topics and made decisions as to which studies needed to get in the field in order to provide information ahead of the 2019-2021 plan

### **Breakdown of New Studies**



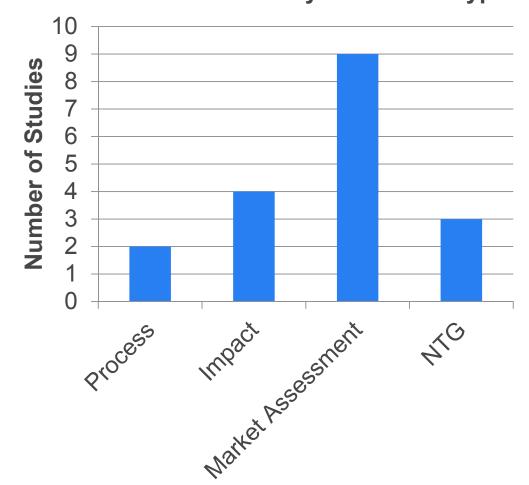
## 38 total studies were included in the SEP Update



## Residential Research Area Update



#### **Residential Studies by Evaluation Type**



#### Key Points:

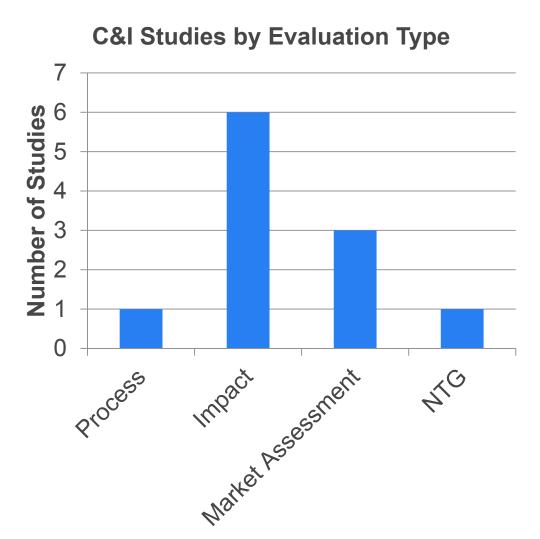
Focus on market
assessment due to
continuation of previous
lighting studies and interest
in specific topics

Illustrative Examples of New Studies:

- Heat Loan Analysis
- Low Income Process Evaluation

## **C&I Research Area Update**





#### **Key Points:**

 Focus on impact evaluations is due to heavier emphasis on process evaluations in year 1 of plan

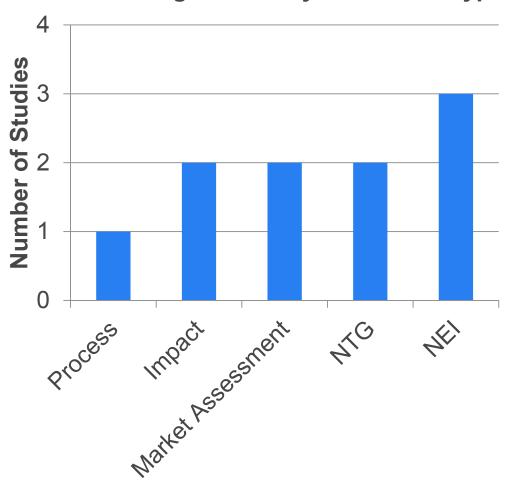
Illustrative Examples of New Studies:

Impact Transition Planning

## **Cross Cutting Research Area Update**



#### **Cross Cutting Studies by Evaluation Type**



#### **Key Points:**

- Focus on NEIs is due to the work being done on the NEI Framework study
- We want to make sure that we are taking a holistic view of NEIs

Illustrative Examples of New Studies:

- Low-Income MF Health NEI Study
- Residential Lighting Health& Safety NEI Study
- C&I Non-energy impact study