

Appendix K
ETP Tracking Metrics

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As a non-resource program whose strategies may take years to realize, ETP has limited options when it comes to developing performance metrics. ETP relies on others for R&D, and it is the R&D entities that determine the number of products that enter the program “funnel.” ETP relies on PAs to intervene in the market with resource programs, thus the PAs control the rate at which customers adopt emerging technologies. Due to the uncertainty inherent in all research, ETP is unable to guarantee findings, and thus deliverables have variable completion schedules. Finally, the long duration of some of ETPs’ most successful technology collaborations mean that they usually fall outside the traditional funding-cycle-based evaluation studies.

Despite these challenges, ETP proposes to track some outcomes that are outside of ETP’s control because they provide useful information for understanding ETP’s value and may reveal long-term trends in technologies that may inform future TPMs. These “tracking metrics” are for information only due to the uncertainty of their outcome. Figure 1 illustrates tracking metrics that show the value provided when ETP filters out inappropriate technologies. Once a technology is commercially available and enters the ETP innovation “funnel”, ETP considers that technology against key criteria for suitability. While each TPM may have different criteria depending on their design and activities, common criteria include the following criteria:

- A. Does a (high-level) estimate yield large enough potential savings?
- B. Is this technology in alignment with policy objectives?
- C. Is this suitable for the intended climate zones?
- D. Has ETP verified the savings?
- E. Are customers interested in this?

If a technology passes through all the filters and has verified performance, ETP recommends that technology for adoption in a ratepayer-funded program. The data for these and other metrics can all be found in the data that are tracked and reported as part of ETP’s quarterly program reporting to the CPUC. Table 1 shows the metrics associated with the filters above. These metrics are to be reported at the sector level as part of regular program reporting

Figure 1. ETP Innovation Funnel

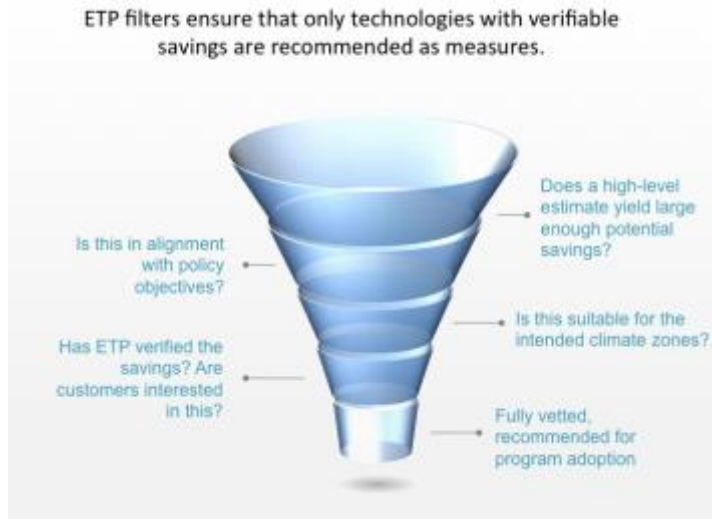


Table 1. ETP Tracking Metrics

Technology or Project Characteristic	Tracking Metrics	Metric Source
Tech has acceptable technical/market potential (estimated)	# Technologies passed # technologies filtered out	Program Tracking Data
Tech is in alignment with policy objectives	# Technologies passed # technologies filtered out	Program Tracking Data
Tech is suitable for intended climate zones	# Technologies passed # technologies filtered out	Program Tracking Data
Tech has verified savings performance	# Technologies passed # technologies filtered out	Program Tracking Data
Tech receives sufficient customer interest	# Technologies passed # technologies filtered out	Program Tracking Data
Tech was adopted into a program	# Of adoptions into RA # Of adoptions in MT # Of WE&T programs created around this tech	Program Tracking Data
(Desired) Estimated energy savings	Gross first-year kWh and kW saved	Program Tracking Data