DOCKETED	
Docket Number:	17-AAER-06
Project Title:	Commercial and Industrial Fans & Blowers
TN #:	224135
Document Title:	Energy Advocates presentation embedded fans
Description:	N/A
Filer:	System
Organization:	Energy Advocates
Submitter Role:	Public
Submission Date:	7/12/2018 8:48:52 AM
Docketed Date:	7/12/2018

Comment Received From: Alejandro Galdamez
Submitted On: 7/12/2018
Docket Number: 17-AAER-06

Energy Advocates presentation embedded fans

Presentation by Energy Advocates for commercial and industrial fans and blowers workshop in regards to the proposed regulation and draft staff report

Additional submitted attachment is included below.

Commercial and Industrial Fans and Blowers: CEC Staff Workshop

Comments on Embedded Fans

July 11, 2018

Comments from Efficiency Advocates presented by Joanna Mauer, Appliance Standards Awareness Project (ASAP)

Efficiency Advocates' proposal on embedded fans

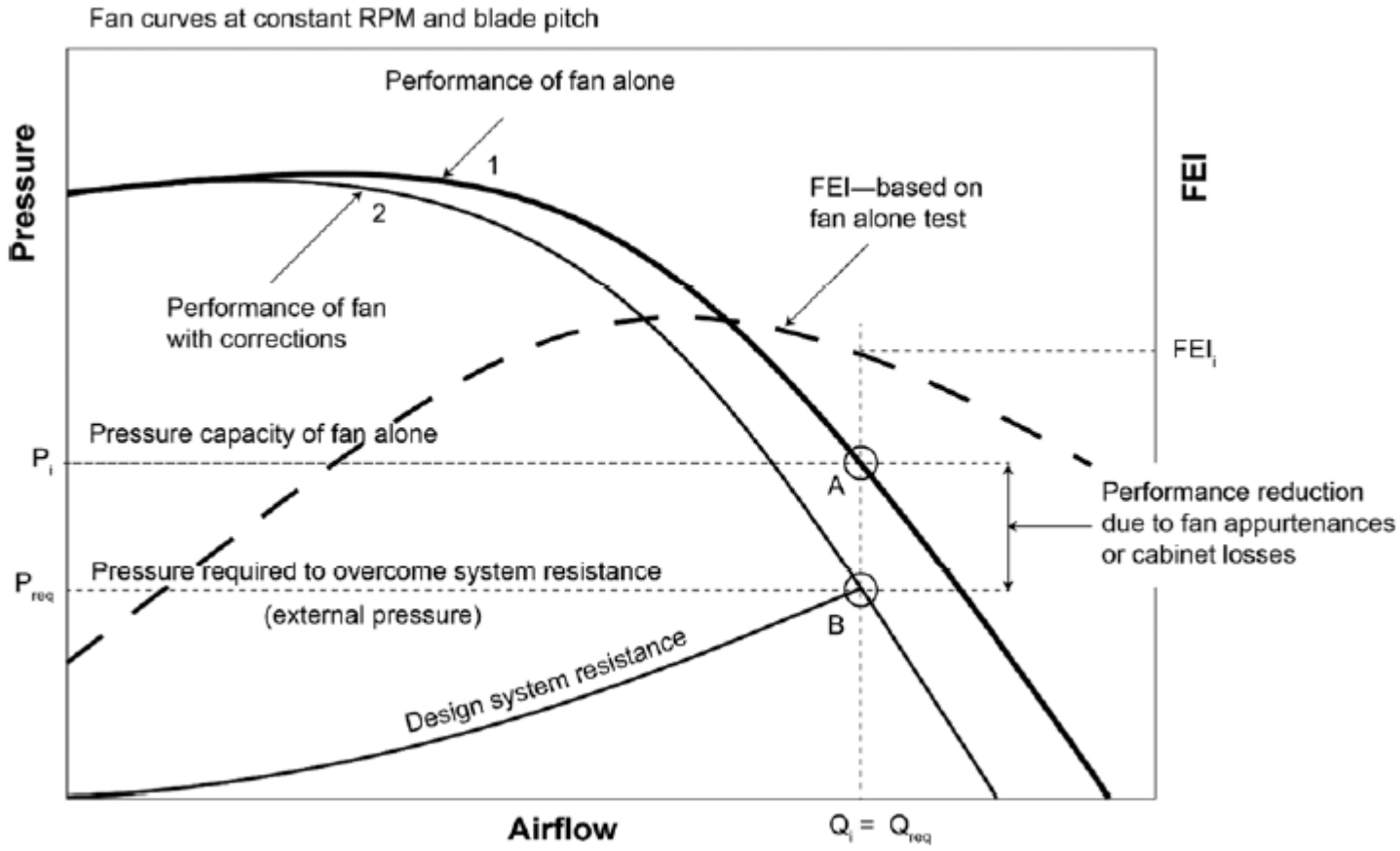
- Joint proposal on embedded fans submitted in September 2017 by ASAP, NEEA, NRDC, ACEEE, PG&E, SDG&E, SCE, SoCalGas®
  - Reflects the ASRAC term sheet, including:
    - Scope of coverage
    - Test method approach
    - Labeling
  - Aligns with our proposal on stand-alone fans

Our proposal for embedded fans would:

- Capture a significant energy savings opportunity
- Reduce burdens on OEMs in cases where the energy use of the fan is already captured in the DOE efficiency metric
- Create a level playing field for fans in OEM equipment

AMCA 208 applies equally to stand-alone and embedded fans

- FEI of embedded fans is based on stand-alone fan performance
- FEI is calculated at design flow and RPM



Source: AMCA 208

CEC Draft Staff Report

- Staff Proposal largely reflects the Efficiency Advocates' joint proposal and the ASRAC term sheet
- CEC's analysis shows that the proposed standards for embedded fans would achieve significant cost-effective savings for CA
  - 429 GWh/year and $300 million/year after stock turnover
  - Benefit:cost ratio of between 3:1 to 5:1

Summary and next steps

- We continue to strongly support establishing standards for embedded fans
- We look forward to continuing to work with CEC to advance standards for embedded fans