



Mass Save Program Implementation During COVID-19

August 19, 2020

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Agenda



- Residential program updates
- PA role in helping customers meet indoor air quality standards

Residential Program Delivery Update



- Latest numbers:
 - VHEAs completed: 12,433
 - VHEAs w/ wx recommendations: 9,467
 - Total contractor pipeline (count of signed, not completed Wx jobs): 10,615
- 100% insulation extended to customers scheduling by the end of September (requires job completion by November 30, 2020)
- Some in-person HEAs have resumed (subject to enhanced safety protocols), though emphasis remains on VHEAs to minimize customer contact
- Contractor survey
 - Includes key questions related to resumption of work, e.g. hiring, training, experience w/ PA programs, etc.
 - Releasing within the next week; periodic feedback loop with both market rate and IE contractors
 - Our 4th contractor survey; has allowed us to refine strategies and address priorities of workforce
- More discussion in September!

VHEA Scope Accuracy



- Too early to draw broad conclusions – still only have a few hundred Wx jobs from VHEA scopes completed, vs. tens of thousands of Wx jobs completed in a typical year
- Still, early results are promising; the % change in “spec’d to final” scopes for VHEAs is higher than for comparable HEA data, but only modestly
- PAs and LVs are already working on ways to narrow this gap
- With more data, PAs and LVs will also be able to identify which measures (wall insulation) and building types/styles are most challenging, so we can focus improvements in these areas

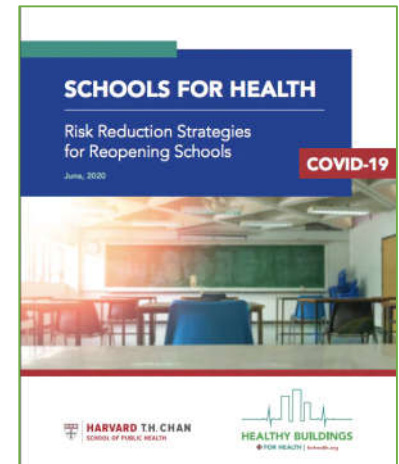


PA Role in Helping Customers Meet Indoor Air Quality Standards

Background



- HVAC/IAQ a major area of concern and potential opportunity for mitigating COVID-19 risk
- Numerous resources/guidance from variety of sources – manufacturers, CDC, ASHRAE, Harvard, etc.
- Lack of sufficient resources/capacity within target market segments to identify and/or assess options
- Opportunity for PAs to assist key market segments (K-12 schools, senior living centers) to understand and prioritize the guidance and apply it in the most effective and energy efficient manner



PA Approach



■ PA role/scope

- Leverage position as trusted source of independent expertise and enabler of access to external funding sources
- Build on content / approaches taken in other jurisdictions (Efficiency Vermont, NYSERDA, etc.)
- Develop partnership/collaboration leveraging existing network and relationships (industry associations, government agencies, HVAC/IAQ/EE subject matter experts)
- HVAC/IAQ as a pathway to customer engagement on other EE opportunities



■ Out of scope

- Using electric or gas customer funds to support investments in HVAC/IAQ systems that do not produce cost-effective energy savings



Initial focus on K-12 education segment, ultimately look to replicate for senior living centers

Activities



- K-12 School Outreach and Education
 - Webinar/FAQs
 - HVAC/IAQ as a pathway to customer engagement on EE opportunities driven by increased load

- Measure Research
 - Identifying complementary EE opportunities/measures
 - Existing measures (e.g., ESPO) which are already incentivized under the existing EE portfolios that could offset some of the increased energy usage from COVID-19 mitigation strategies. Because these measures can be funded via EE, additional IAQ grant funding not needed.
 - Equipment that may have cost-effective high-efficiency versions available that can be funded through EE. Because these measures (e.g., portable/in-room air purifiers?) would be funded via EE, additional grant funding not needed.
 - Additional HVAC/IAQ measures that mitigate COVID-19 but have no energy efficiency benefits and thus cannot be funded through EE, but could be supported if/when grant money is available.

- Areas for Potential Additional Exploration
 - Externally funded use of existing PA / vendor capabilities to provide contact center support for schools and their HVAC/IAQ consultants/contractors
 - Bespoke “subprogram” or measure category if sufficient savings opportunities can be identified

K-12 Webinar Details



■ Scope/Objective

- Educate/inform MA K-12 schools (administrators, school operators) and vendors about:
 - Official Guidance on HVAC/IAQ for K-12 Schools
 - Overview of salient aspects of existing, independent guidance for K-12 schools from CDC, ASHRAE, Harvard School of Public Health, etc. as it relates to HVAC/IAQ
 - Practical HVAC/IAQ Considerations when Re-opening and Operating K-12 Schools
 - Based on real-world experience from practitioners, what local schools should understand and consider about the broader guidance when applying it - talk to practical/actionable HVAC/IAQ interventions based on the expert/independent guidance
 - Energy Impacts and Energy Efficiency Opportunities
 - Likely impact (i.e., increase) on energy usage from the HVAC/IAQ interventions and what opportunities there are to mitigate some of those impacts – provide examples of available EE opportunities provided/supported by the Energy Efficiency Program Administrators
 - Actionable Next Steps
 - Provide examples of where to go for additional information & resources – EE/Program Administrators, state govt. funding, etc. – who to contact for what

■ Timeline

- Week of August 10 – Develop the collaboration/partnership structure and determine roles/responsibilities
- Week of August 17 – Develop content for and infrastructure to deliver the webinar
- Week of August 24 – Deliver the content/webinar



Thank you

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