CALIFORNIA
AIR RESOURCES BOARD

Reducing Stationary Source Emissions Through AB 617

February 8, 2022

Discussion

- AB 617 is focused on community-level emissions reductions (PM2.5 and Toxics)
- The bill contains several requirements related to stationary sources
- Today, we will share a few motivating challenges and program successes

Some Motivating Challenges

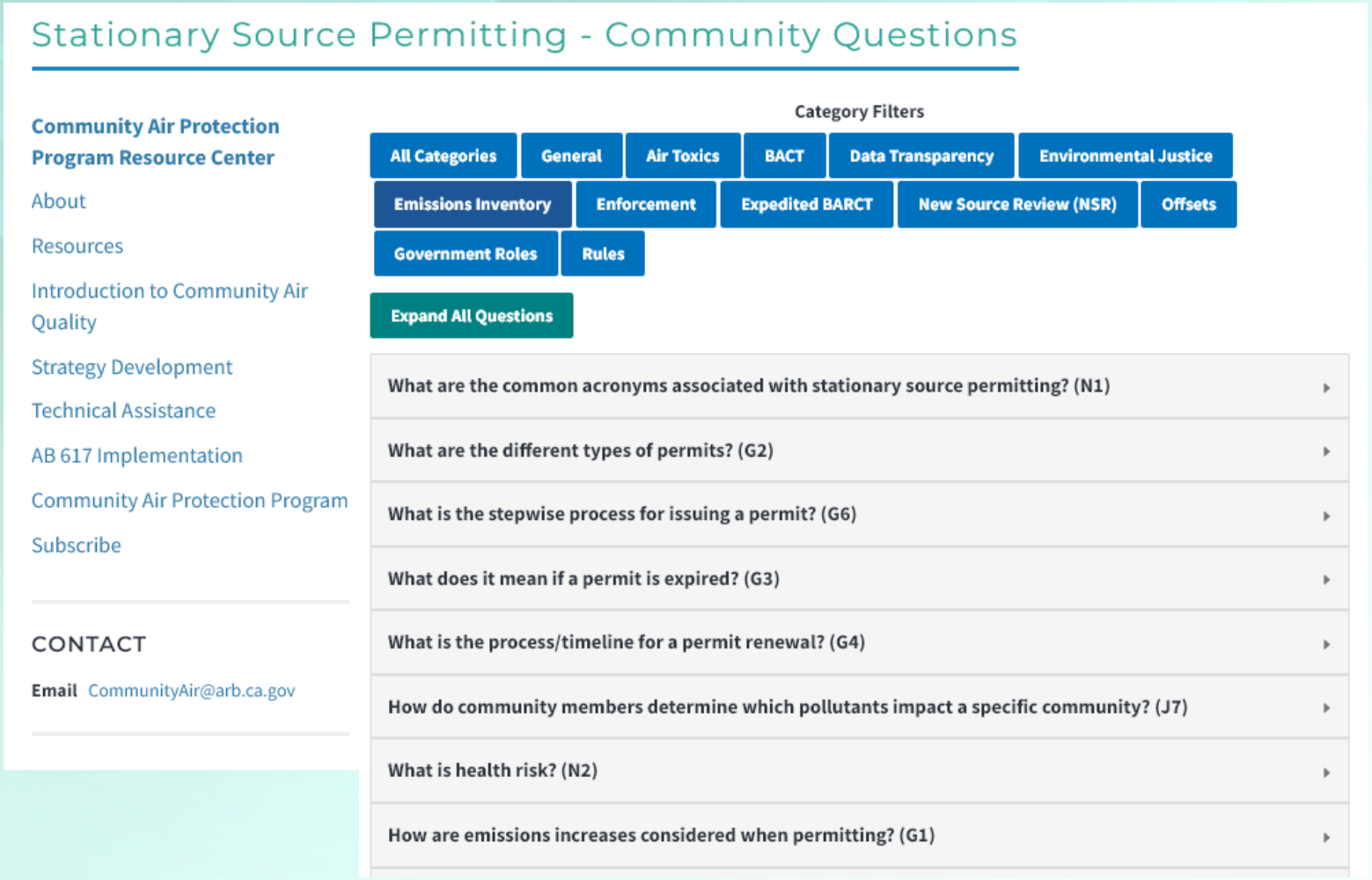
- Providing enhanced transparency on complex permitting programs
  - Example: Deconstructing existing complex stationary source regulatory processes to highlight opportunities for improvement
- Existing regulatory programs are focused on regional reductions and do not fully address EJ concerns
  - Example: Districts have indicated that they are unable to deny projects in DACs if they meet local, state, and federal requirements
- Transitioning stationary sources to zero
  - Example: Best available control technology (BACT) does not require readily available zero emissions technology to be used

Current Approach

What we've found that works

- Everything cannot be fixed at once
- Acknowledge the problems and collaborate on solutions
- Assist with technology identification efforts
- Enhance public understanding

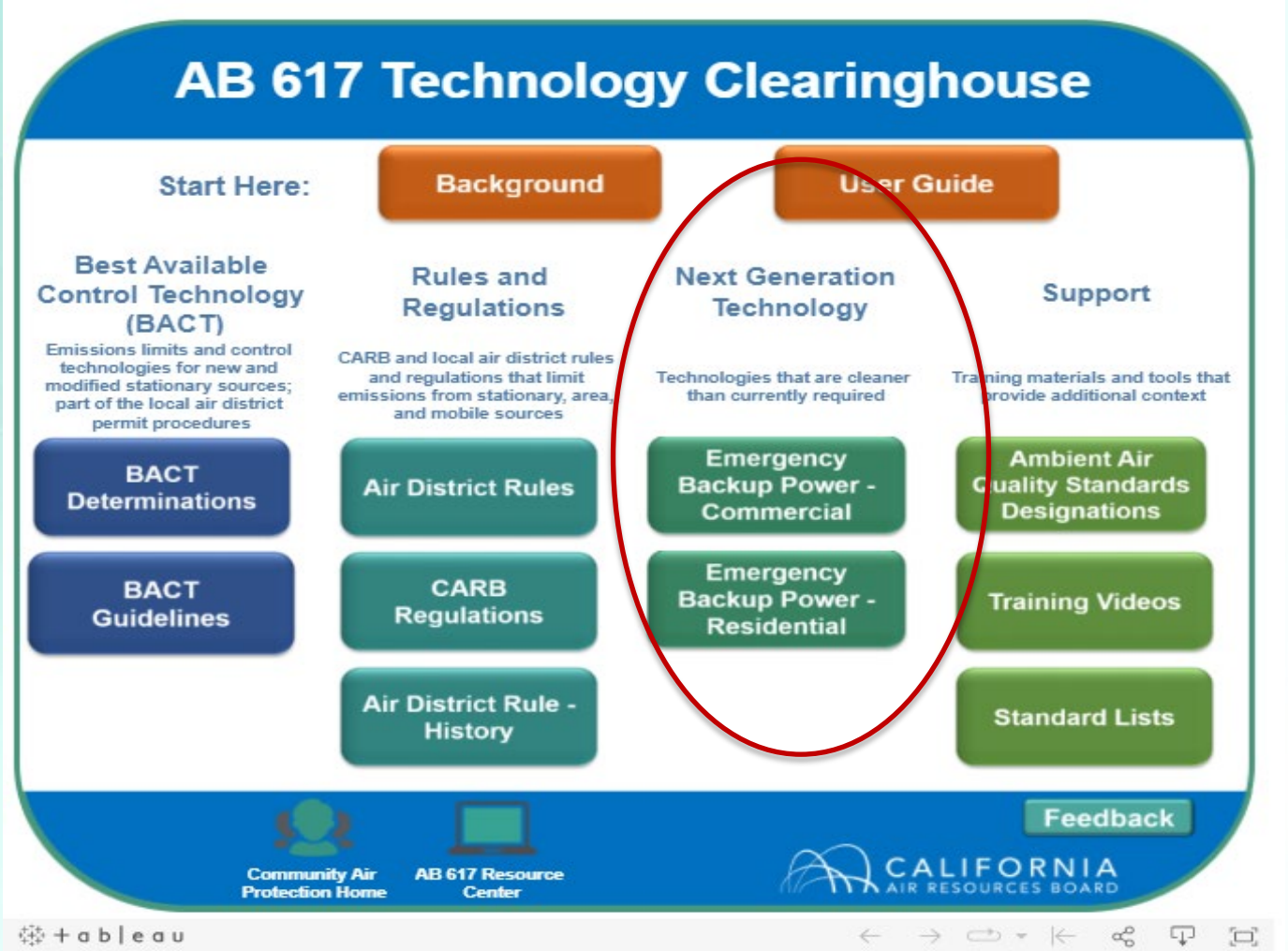
Deconstruct Stationary Source Permitting



https://ww2.arb.ca.gov/Permitting-Questions

Case Studies and Prototypes Inform Technology Clearinghouse Development

https://ww2.arb.ca.gov/our-work/programs/technology-clearinghouse/technology-clearinghouse-tools



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Case Study – Warehouses

- Various government agencies are pushing for cleaner technology at warehouses
- Local government may adopt ordinances or propose CEQA mitigation measures to reduce impacts at warehouses

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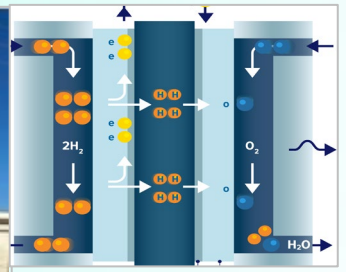
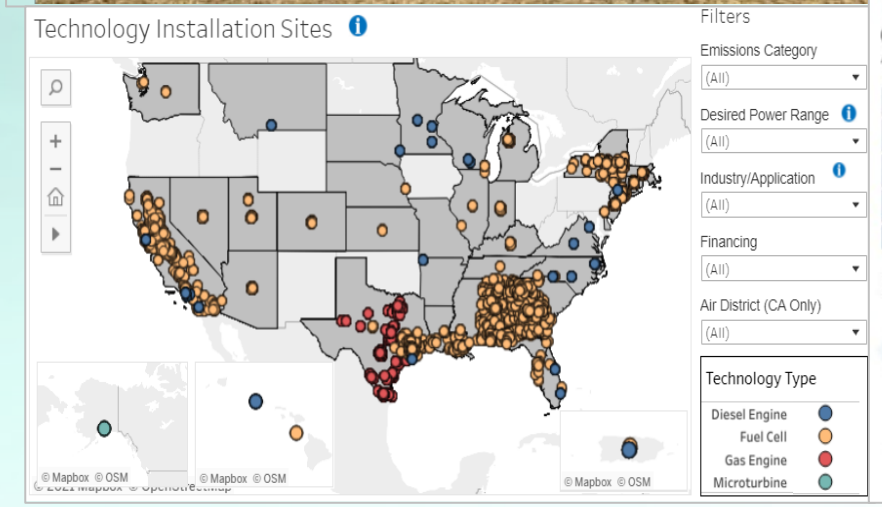
Case Studies – Backup Power

- Back-up power demand increasing
- Over 60% of new engines in disadvantaged communities
- CARB and Districts identified technology beyond requirements
- 4 districts have proposed or adopted Tier IV as BACT





San Joaquin Valley AIR POLLUTION CONTROL DISTRICT

CALIFORNIA AIR RESOURCES BOARD

South Coast AQMD

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

https://ww2.arb.ca.gov/our-work/programs/public-safety-power-shutoff-psps-events/emergency-backup-power-options-commercial

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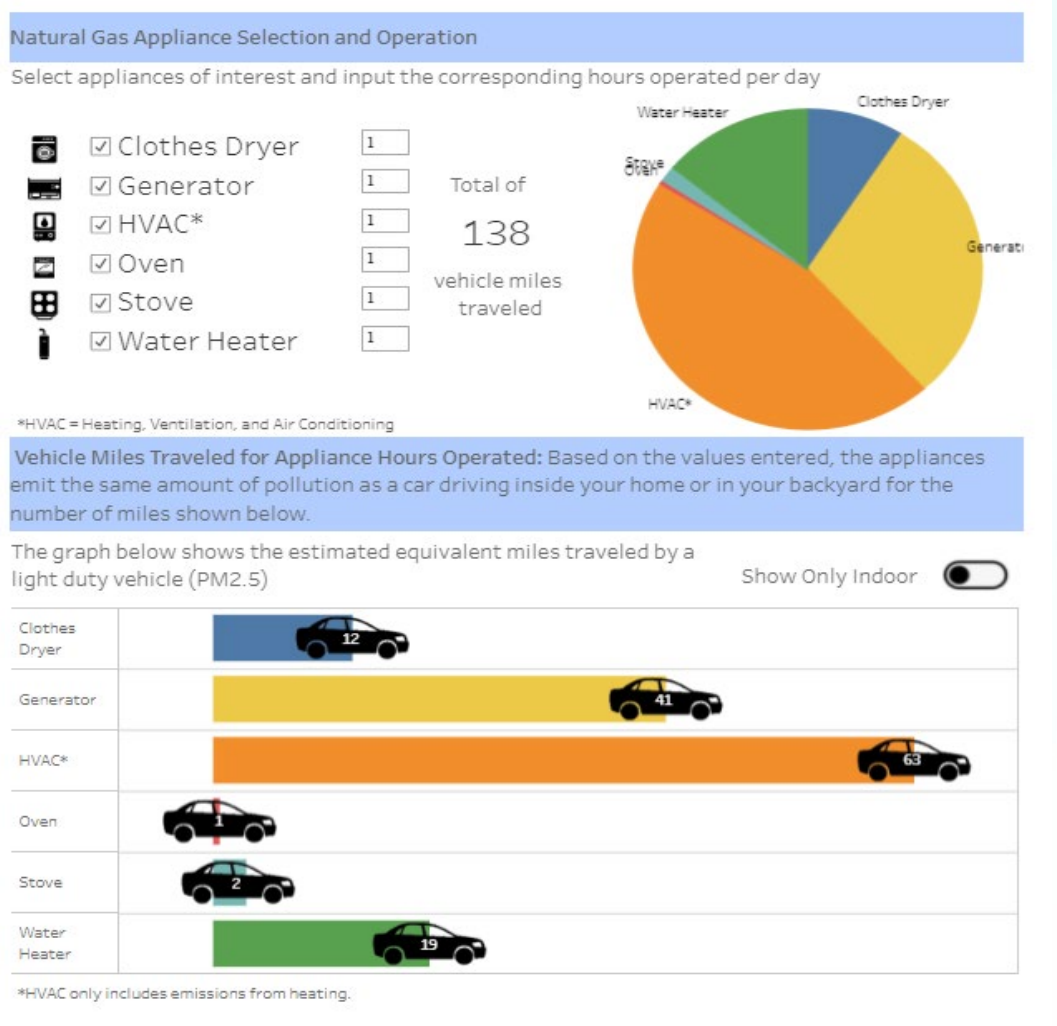
Case Study: Appliances

- Supporting Building Decarbonization efforts
- Looking at this from an AB617 local level – PM2.5 and Toxics
- Anticipated publication February 2022



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Next Steps

- Continue to respond to community questions
- Collaborate on solutions for complex problems
- Develop tools to support reductions
- Develop technology clearinghouse to support long term needs