



# **Projecting “rules-on-the-books” and other likely changes in controllable emissions for 2028 Reasonable Progress modeling**

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# Future Year Emissions Projections

## Current Thinking – Subject to Change

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- 2028 Future Year
- TCEQ will make every attempt to use the most accurate and recent data available at the time of modeling
  
- **EGUs**
  - ERTAC projection model
    - Ability to run in-house
      - Allows updates to Texas sources in a timely manner
    - V2.6, or latest available
    - Projection base TBD (2012/2016)
  - Texas
    - Applicable cap and trade programs
      - CSAPR for ozone season NOx
      - SB7
    - Changes to operations: shutdowns, etc.
  - Outside Texas
    - ERTAC



# Future Year Emissions Projections

## Current Thinking – Subject to Change

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- **Non-EGUs**

- Texas: STARS database
  - 2016 projection base
  - Texas-Specific ERG growth factors for non-capped sources
  - Incorporate cap and trade programs as applicable
- Outside Texas: EPA RH Modeling Platform

- **International Emissions Sources**

- Canada: EPA RH Modeling Platform (2011, v6.3?)
- Mexico: EPA RH Modeling Platform
  - Additional improvements if possible (EPRI work, Mexican SIPs, other efforts)
- Offshore: 2014 GWEI



# Future Year Emissions Projections

## Current Thinking – Subject to Change

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- **Other sectors**
  - Mobile
    - Ability to run MOVES in-house
      - Texas
      - Outside Texas: TBD
        - In-house
        - EPA platform
  - Windblown dust and sea salt
    - CMAQ
      - Ability to run in-house



# Thank you

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*For questions or comments please contact us at:*

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