



# ***Update on Planning Activities for the Houston-Galveston-Brazoria (HGB) Ozone Nonattainment Area***

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HGB Technical Information Meeting  
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# 2008 Eight-Hour Ozone NAAQS

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- 75 parts per billion (ppb)
- HGB area: serious nonattainment
  - Classification became effective on September 23, 2019.
  - July 20, 2021 is the attainment date and 2020 was the attainment year.
- Attainment Demonstration (AD) and Reasonable Further Progress (RFP) SIP revisions
  - Both were adopted on March 4, 2020.
  - Rules to lower the major source emissions threshold for applicable counties and make other technical changes associated with the serious classification were also adopted.
  - HGB RFP SIP revision was partially approved on May 10, 2021.



# HGB 4th High Values

2016 4th high	2017 4th high	2018 4th high	2018 Design Value
74	74	88	78

2017 4th high	2018 4th high	2019 4th high	2019 Design Value
74	88	81	81

2018 4th high	2019 4th high	2020 4th high	2020 Design Value
88	81	68*	79

\*The HGB area's highest 4th high in 2020 was 75 ppb.

All readings are in ppb.



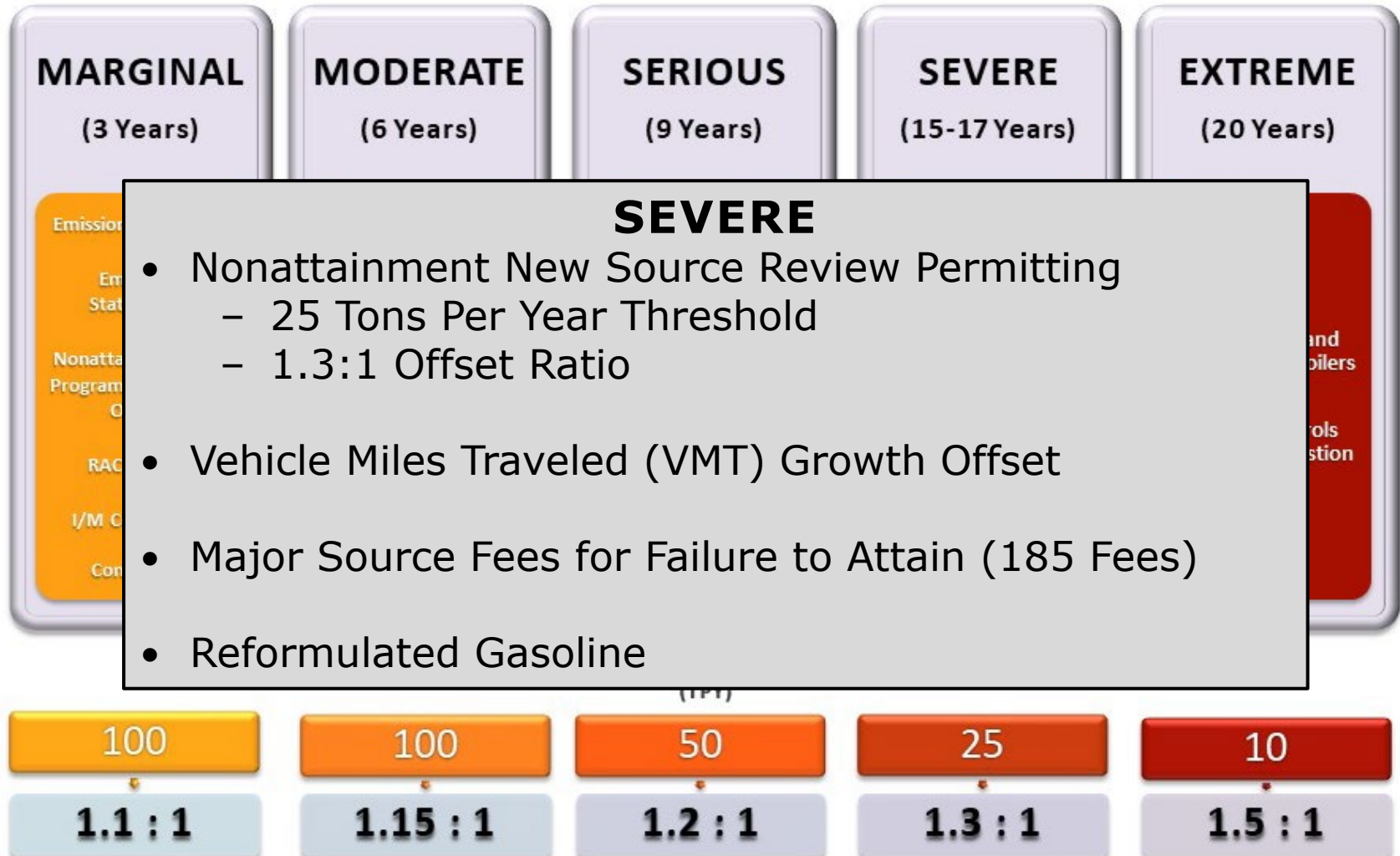
# What's Next for 2008 Eight-Hour Ozone Serious Nonattainment Areas?

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- The HGB area did not attain by the end of 2020.
  - The HGB area qualifies for a one-year extension based on 2020 4th high of 75 ppb.
  - An attainment date extension request was submitted to EPA on April 6, 2021.
- If reclassified to severe:
  - Reclassification for HGB is anticipated in early 2022;
  - AD and RFP SIP revisions are potentially due one year after reclassification; and
  - Areas reclassified to severe will be required to attain the standard by July 20, 2027 with a 2026 attainment year.



# SIP Requirements for Ozone Nonattainment Areas



NSR Offset Ratios



# 2015 Eight-Hour Ozone Standard

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- 70 ppb
- HGB area: marginal nonattainment
  - Designation became effective on August 3, 2018.
  - August 3, 2021 is the attainment date and 2020 was the attainment year.
- Emissions inventory (EI) SIP revision
  - Base year inventory was developed for 2017.
  - The revision was adopted in June 2020.



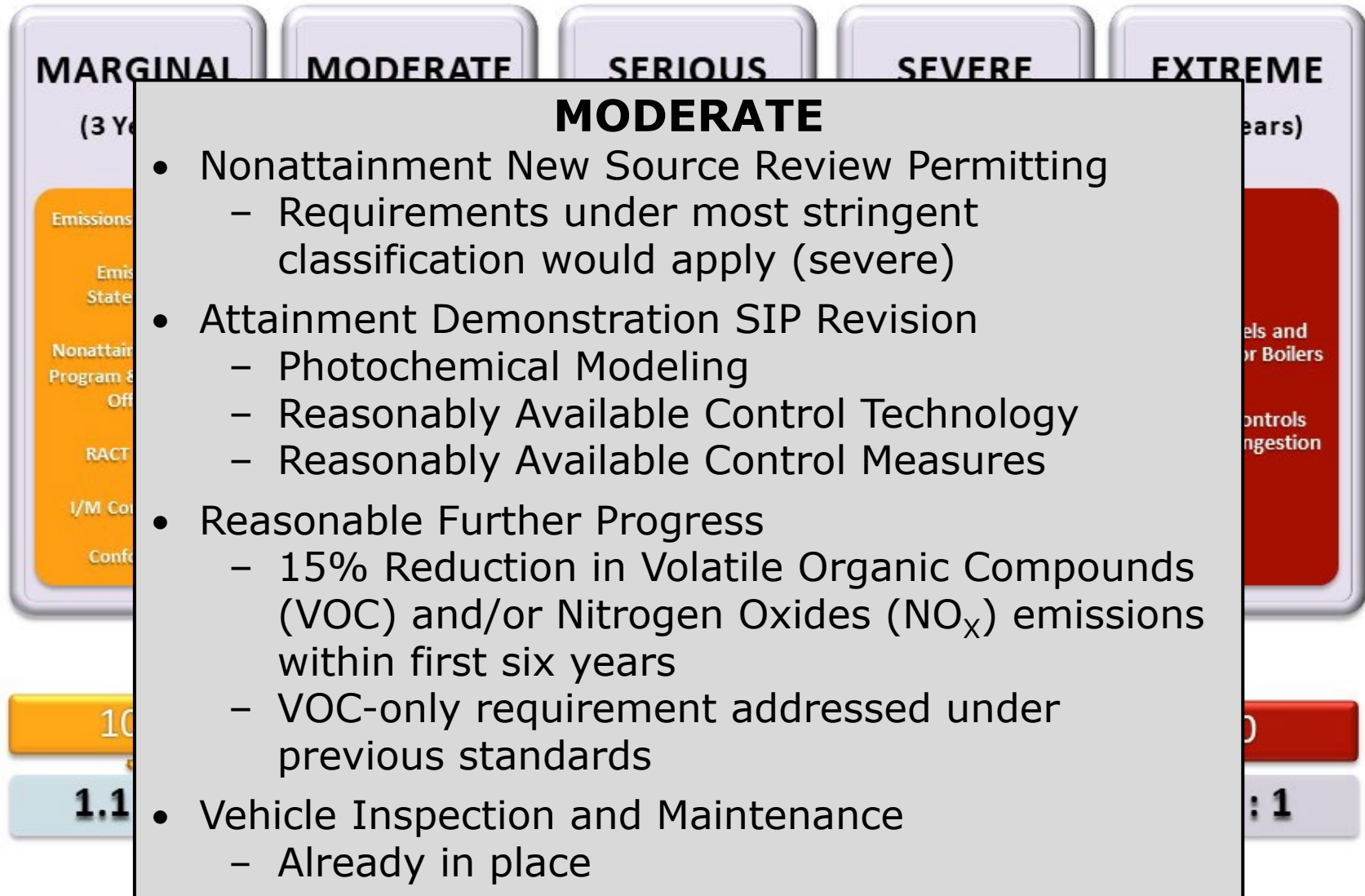
# What's Next for 2015 Eight-Hour Ozone Marginal Nonattainment Areas?

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- The HGB area did not attain by the end of 2020.
  - The area is not eligible for a one-year attainment date extension based on the 2020 4th high exceeding 70 ppb.
- Reclassification to moderate:
  - Reclassification for HGB is anticipated in early 2022;
  - AD and RFP SIP revisions are due one year later; and
  - Areas reclassified to moderate will be required to attain the standard by August 3, 2024 with a 2023 attainment year.



# SIP Requirements for Ozone Nonattainment Areas







# Potential New SIP Emissions Year

- Potential AD SIP revisions would change the SIP emissions year for credit generation projects.

HGB Emissions Sources	Current SIP Emissions Year	New SIP Emissions Year
Electric generating units	2018	2019
All other point sources	2016	2019

- To ensure necessary changes are accounted for in new AD SIP modeling, revisions to previously submitted 2019 point source EIs must be postmarked by July 9, 2021.
- For more information, please contact Jill Dickey-Hull at [jill.dickey@tceq.texas.gov](mailto:jill.dickey@tceq.texas.gov).



# Contact Information

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