

# Shoemaker Gas Turbine Facility Public Participation Plan

Public Meeting for Air State Permit Application

Held Monday, April 3, 2023

All project information and a recording of this meeting can be found at: <https://www.cscos.com/shoemaker-gas-turbine-facility/>

# AGENDA

- ▶ Project Team
- ▶ Background Information
- ▶ Permitting Details/Scope of Work
- ▶ Community Impacts
- ▶ Project Schedule & Next Steps
- ▶ Questions & Comments
  
- ▶ PLEASE NOTE: This meeting is being recorded.

# Project Team

- ▶ Alliance Energy

- ▶ Greg Sharland - (585) 343-6006

- ▶ Walter Relling

- ▶ C&S Companies

- ▶ John Trendowski

- ▶ Joni Steigerwald - (315) 703-4217

- ▶ Shannon Booth

- ▶ Project Email: [gsharland@aeny.us](mailto:gsharland@aeny.us)

- ▶ Project Repository for Information:

- <https://www.cscos.com/shoemaker-gas-turbine-facility/>

# Background Information

- ▶ New regulations for public participation per the Department of Environmental Conservation (DEC)
- ▶ The Shoemaker Turbine Facility is an existing facility constructed in the 1970s. The plant runs only when electrical demand is high. It only operates during extreme events (e.g. extreme cold days, or extreme hot days).
- ▶ The plant operates only periodically, typically less than 100 hours per year.



# Permitting Details/Scope of Work

- ▶ The facility is required to comply with new emissions requirements outlined in 6 NYCRR Subpart 227-3, “Ozone Season Oxides of Nitrogen (NO<sub>x</sub>) Emission Limits for Simple Cycle and Regenerative Combustion Turbines”.
- ▶ To reduce emissions and comply with these new standards, the facility intends to add a water injection system. This will require the addition of pump skid and tank to hold demineralized water. This skid will add water to the combustion process to cool the flame and reduce NO<sub>x</sub>.
- ▶ There will be no other changes to the site. This modification will not increase output of the plant or change the expected use of the plant as a peaking generator.

# Community Impacts

- ▶ There are no negative impacts to the community:
  - ▶ No change in operating tempo
  - ▶ No change in how the unit is used
  - ▶ No workflow impacts
  - ▶ No traffic impacts
- ▶ Positive impacts:
  - ▶ Cleaner emissions
  - ▶ Limited emissions - no longer considered a major source of emissions

# Project Schedule & Next Steps

- ▶ Upon completion of this Public Meeting and finalization and approval of the PPP, NY state will issue the permit (Air State Facility Permit)
- ▶ Implementation of water injection system
  - ▶ Goal of early May 2023
- ▶ Project Complete
  - ▶ Goal of late May 2023

# Questions & Comments

- ▶ Raise Hand
- ▶ Limit to 3 minutes per question/comment
- ▶ All project information can be found at:  
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Thank you for attending!