

## Siemens gas turbines selected for upgrade project with Ascend Performance Materials

- **Siemens Gas and Power to supply three 33-MW industrial gas turbines to Ascend's Decatur, Alabama facility**
- **The project will enable the chemical materials manufacturer to increase operating efficiency and reduce its environmental footprint**

Siemens Gas and Power was recently selected to provide three 33-megawatt (MW) SGT-700 industrial gas turbines, including a Long-Term Program (LTP), with Ascend Performance Materials' nylon intermediate and specialty chemicals facility in Decatur, Alabama. This project will allow Ascend Performance Materials to retire assets that currently provide process steam for the facility. The shift to gas turbines for steam generation is part of Ascend's long-term sustainability strategy to improve its environmental footprint and accelerate the growth of expanding its core businesses.

The LTP is scheduled for eight years. Under the terms, Siemens Gas and Power will perform all scheduled outages for the duration of the program.

The gas turbines will be manufactured in Siemens Gas and Power's Finspång, Sweden plant in time for project commissioning, which is expected in Q4 2021.

The SGT-700 gas turbine, with a 6,500-rpm, two-stage uncooled free-power turbine that may operate at 50 to 105 percent of its nominal shaft speed, is designed for higher output and efficiency under a range of operating conditions. And with its high exhaust heat and ability to handle sudden load changes, the SGT-700 is ideal for simple cycle, combined cycle, cogeneration, and other heating applications.

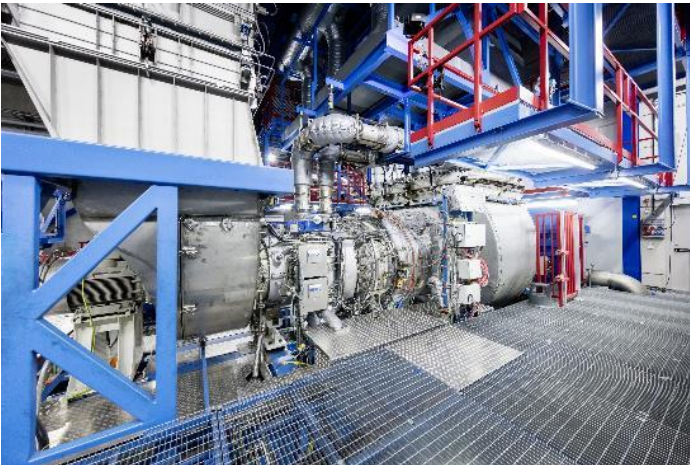
"Ascend Performance Materials knew that gen-sets would help them meet their future power generation needs while also lowering their emissions," said Gabriel

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Popescu, Vice President of Siemens Energy Oil & Gas Services, North America. “They expressed that much of the reason they selected Siemens Gas and Power is the confidence they have in us and our product. We have supplied other power generation equipment to Ascend in the past, and we have the manufacturing and logistics expertise to support their future power needs within a very short delivery window.”

“This project is transformational for our company, and we’re pleased to have Siemens Gas and Power as our supplier,” said Phil McDivitt, President and CEO of Ascend. “Their proven track record and our shared commitment to sustainability make Siemens Gas and Power a natural choice for a partnership.”



**Above:** *With high exhaust heat and the ability to handle sudden load changes, the SGT-700 is ideal for simple cycle, combined cycle, cogeneration, and other heating applications.*

This press release and press picture are available at <https://sie.ag/2USFHbm>

For further information on Siemens Gas and Power, please see [www.siemens.com/energy](http://www.siemens.com/energy)

For further information on the **SGT-700 gas turbine**, visit <https://sie.ag/3e1tf0K>

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