

## Plain Language Summary for New Source Review (NSR) Renewal Certification Application for Air New Source Review Permit Number 98664

*The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.*

Petra Nova Parish Holdings LLC (CN604280792) has submitted an application for renewal of permit number 98664. The Carbon Capture Plant (RN100888312) produces/manufactures power and steam at 2500 Y U Jones Rd, Richmond, Fort Bend County.

This renewal will authorize the continued operation of carbon capture facility that is supported by General Electric 7EA combustion turbine (CT), rated at a maximum base-load electric output of approximately 80 megawatts (MW), operating in cogeneration cycle with a heat recovery steam generator (HRSG) with duct burner. Petra Nova Parish Holdings LLC. has certified there will be no changes to the permit. The following permitted emission rates will remain the same.

<b>Pollutant</b>	<b>Total Amount Allowed (tons per year)</b>
NO <sub>x</sub>	37.63
CO	102
VOC	12.88
PM	71.70
PM <sub>10</sub>	71.70
PM <sub>2.5</sub>	7.70
SO <sub>2</sub>	6.92
H <sub>2</sub> SO <sub>4</sub>	2.44
NH <sub>3</sub>	34.20

The facilities being renewed continue to be controlled by Selective Catalyst Reduction (SCR) unit.