**English Plain Language Summary for Proposed Permit No.**

**WQ0005385000 (EPA I.D TX0142760)**

TPDES New Application

*The following summary is provided for this pending water quality 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*.

NRG Cedar Bayou 5 LLC (CN605766492) proposes to operate the NRG Cedar Bayou

Unit 5 EGS (RN100825371), a new electric generating power generation unit (CBY5) at

the Cedar Bayou Electric Generating Station, which will generate electric power for sale

on the wholesale electric market. The facility will be located 7705 W. Bay Rd., in

Baytown, Chambers County, Texas 77523.

This application is for a new application to discharge at a volume not to exceed a daily

maximum flow of 2,080,000 gallons per day of treated wastewater resulting from the

electrical generating process.

Discharges from the facility are expected to contain Total Residual Chlorine, Total

Suspended Solids, and Oil & Grease. Additional potential pollutants are included in the

Industrial Technical Report, Worksheet 2.0: Pollutant Analysis Requirements in the

permit application package. Cooling tower blowdown, miscellaneous low volume waste

source, previously monitored effluents and incidental contact storm water will be

treated by an oily water separator and cooling tower.