

Extension to Start of Construction and Voluntary Update Source Analysis & Technical Review

Company	NRG Texas Power LLC	Permit Number	105810 & GHGPSDTX102
City	Baytown	Project Number	291789
County	Chambers	Regulated Entity Number	RN100825371
Project Type	Revision	Customer Reference Number	CN603207218
Project Reviewer	Ruth Alvarez		
Site Name	Cedar Bayou Electric Generating Station		

Project Overview

NRG Texas Power LLC (NRG) owns and operates the Cedar Bayou Electric Generating Station (Cedar Bayou Station) located at 7705 West Bay Road, Baytown, Chambers County, Texas. The permits above authorize NRG to construct an additional electric generating unit at the Cedar Bayou Station. The new facility will consist of a block to operate in simple cycle or combined cycle configurations.

NRG is requesting a second extension to start of construction (ESOC).

Review Summary

Permit Numbers 105810 and PSDTX1308 were issued by the Texas Commission on Environmental Quality (TCEQ) on August 29, 2014 and Permit Number GHGPSDTX102 was issued on September 15, 2015. Construction on this project could not begin until all preconstruction authorizations were obtained; therefore, the start of construction date for all the permits were aligned with the issuance date of the Greenhouse Gas permit (GHGPSDTX102). The first extension set the start of construction (SOC) to October 15, 2018.

Pursuant to 30 Texas Administrative Code 116.120(b)(2), NRG Texas Power LLC has requested a second 18-month extension to begin construction of their facility previously authorized on September 15, 2015. The company provided verification that they are committed to spending 5 million dollars toward this project in the next 18-months. This permit action will extend the SOC to April 15, 2020.

During the technical review of the non-GHG permit and GHG permit, the EPA and TCEQ determined the best available control technology (BACT) for the equipment authorized by this permit. There have been no new control techniques developed since the issuance of this permit; therefore, BACT for the equipment at the facility remains unchanged.

	10/12/18		10/12/18
Project Reviewer	Date	Team Leader	Date
Ruth Alvarez		Chase Perry	