

1.0 Introduction

Yellow Pine Energy Company, LLC (Yellow Pine Energy) proposes to construct and operate a 110 megawatt (MW) biomass-fired power plant (the Facility) on a 200 acre site, approximately 8 miles south of Fort Gaines on Georgia Highway 39 in Clay County, Georgia.

The Facility will use fluidized bed boiler(s) and steam-turbine generator with an approximate net generating capacity of 110 MW of electric power at the plant's design rating conditions. 80 MWs of the plant's output has been committed to Georgia electric utilities. Assuming a 30-month construction and start-up cycle, the Yellow Pine Energy would like to start construction of the facility by April 30, 2008.

In parallel with the air permit for the proposed facility, Yellow Pine Energy will also be submitting permit applications or requests for approval for water withdrawal, wastewater discharge, U.S. Army Corps of Engineers permits for water intake, outfall, and barge terminal structures in the Chattahoochee River, an on-site ash/inerts landfill and several other related permits. To date, the following studies, authorizations, and design have been completed and/or received:

- Zoning and Special Use Authorization from the Clay County Board of Commissioners
- U.S. Army Corp of Engineers Jurisdiction filing, Wetlands study, Endangered species study
- Part of 1 of the landfill site suitability assessment and related permission from Early County and zoning and special use confirmation from Clay County, and Design of the plant's water/wastewater balance
- Design of the water intake, waste water outfall, barge terminal and site layout.

This permit application was prepared with the assistance of the consulting firm, CH2M HILL and the project manager for the proposed facility development, Summit Energy Partners, LLC. Questions regarding this application should be addressed to the individuals listed below:

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