

**PERMIT AMENDMENT NO. 4911-195-0020-E-01-4**  
**ISSUANCE DATE:** Aug 05, 2020



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION

### **Air Quality – Permit Amendment**

In accordance with The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to or in effect under that Act, Permit No. 4911-195-0020-E-01-0 issued on October 28, 2015 to:

**Facility Name:** GRP Madison Renewable Energy Facility, LLC  
**Facility Address:** 125 H.V. Chandler Rd  
Colbert, Georgia 30628 Madison County  
**Mailing Address:** 125 H.V. Chandler Rd  
Colbert, Georgia 30628 Madison County  
**Facility AIRS Number:** 04-13-195-00020

for the following: Construction and operation of a 58 MW steam-turbine generator powered by steam from a 700 MMBtu/hr boiler (Source Code: B001) firing a combination of clean cellulosic biomass from clean construction and demolition wood, and small quantities of natural gas during startup and bed stabilization only; ancillary equipment includes a 350-kW emergency generator, a 250-hp fire pump, storage tanks and a cooling tower.

is hereby amended as follows:

Authority to use railroad ties as fuel in Boiler B001 is revoked in accordance with Georgia Code 12-9-7(c)(3)(1) as amended. All prior Conditions pertaining to railroad ties are removed.

Reason for Amendment: Application No. 27576 dated June 25, 2020 – Amendment for Cause.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 1 page.

This Permit Amendment is hereby made a part of Permit No. 4911-195-0020-E-01-0 and compliance herewith is hereby ordered. Except as amended hereby, the above referenced Permit remains in full force and effect.



Richard E. Dunn, Director  
Environmental Protection Division

**State of Georgia**  
**Department of Natural Resources**  
**Environmental Protection Division**

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**2. Allowable Emissions**

NEW CONDITION

2.22 The use of railroad tie-derived fuel in Boiler B001 is prohibited at all times. This prohibition includes creosote treated railroad ties, creosote-borate treated railroad ties, copper naphthenate treated railroad ties, and copper naphthenate-borate treated railroad ties.  
[391-3-1-.03(2)(c), OCGA 12-9-7(c)(3)(1)]

MODIFIED CONDITIONS

2.5 The Permittee shall only fire clean cellulosic biomass (which may include clean construction and demolition wood), and distillate fuel oil in the boiler (Source Code: B001). “Clean cellulosic biomass” is defined in Condition 2.9 and 40 CFR 241.  
[391-3-1-.03(2)(c); 40 CFR 63.11200(b) and 40 CFR 241.2]

2.9 For the purposes of this Permit: Clean cellulosic biomass means those residuals that are akin to traditional cellulosic biomass, including, but not limited to: Agricultural and forest-derived biomass (e.g., green wood, forest thinnings, clean and unadulterated bark, sawdust, trim, tree harvesting residuals from logging and sawmill materials, hogged fuel, wood pellets, untreated wood pallets); urban wood (e.g., tree trimmings, stumps, and related forest-derived biomass from urban settings); corn stover and other biomass crops used specifically for the production of cellulosic biofuels (e.g., energy cane, other fast growing grasses, byproducts of ethanol natural fermentation processes); bagasse and other crop residues (e.g., peanut shells, vines, orchard trees, hulls, seeds, spent grains, cotton byproducts, corn and peanut production residues, rice milling and grain elevator operation residues); wood collected from forest fire clearance activities, trees and clean wood found in disaster debris, clean biomass from land clearing operations, and clean construction and demolition wood. These fuels are not secondary materials or solid wastes unless discarded. Clean biomass is biomass that does not contain contaminants at concentrations not normally associated with virgin biomass materials.

Any wood that has been treated with compounds such as chromate copper arsenate or comingled with such compounds or lead is not considered clean cellulosic biomass.

DELETED CONDITIONS

- 2.19 [Deleted]
- 2.20 [Deleted]
- 2.21 [Deleted]
- 5.10 [Deleted]
- 5.11 [Deleted]
- 5.12 [Deleted]
- 7.21 [Deleted]
- 7.22 [Deleted]
- 7.23 [Deleted]
- 7.24 [Deleted]
- 7.25 [Deleted]