

By: Senator(s) McCaughn

To: Forestry

SENATE BILL NO. 2059

1 AN ACT TO CREATE NEW SECTIONS IN TITLE 49, CHAPTER 19,
 2 MISSISSIPPI CODE OF 1972, TO DEFINE BIOMASS AND OTHER RELEVANT
 3 TERMS; TO REQUIRE THAT ENERGY PRODUCED FROM CERTAIN SOURCES BE
 4 CONSIDERED CARBON NEUTRAL; TO REQUIRE THAT ENERGY PRODUCED FROM
 5 CERTAIN SOURCES IN CONJUNCTION WITH CARBON CAPTURE TECHNOLOGIES BE
 6 CONSIDERED CARBON NEGATIVE; AND FOR RELATED PURPOSES.

7 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MISSISSIPPI:

8 **SECTION 1.** As used in this section:

9 (a) "Biomass" means bioenergy feedstocks from forest
 10 products manufacturing, including, without limitation:

11 (i) Forest products manufacturing residuals,
 12 including, without limitation:

- 13 1. Pulping liquors;
- 14 2. Pulping byproducts;
- 15 3. Woody manufacturing residuals;
- 16 4. Paper recycling residuals;
- 17 5. Wastewater and processed water treatment
 18 plant residuals; and
- 19 6. Anaerobic digester biogas;



- 20 (ii) Harvest residues, including, without
21 limitation, trees or portions of harvested trees;
- 22 (iii) Downed wood from extreme weather events or
23 natural disasters;
- 24 (iv) Nonhazardous landscape or right-of-way
25 trimmings and municipal trimmings;
- 26 (v) Plant material removed for purposes of
27 invasive or noxious plant species control;
- 28 (vi) Biowaste, including, without limitation,
29 landfill gas;
- 30 (vii) Forest biomass derived from residues created
31 as a byproduct of timber harvesting;
- 32 (viii) Forest management activities conducted for
33 timber stand improvement or to increase yield, ecological
34 restoration or to maintain or enhance forest health;
- 35 (ix) Biomass materials described by the United
36 States Environmental Protection Agency as fuels under 40 CFR
37 Statute 241.1 et seq., as it existed on January 1, 2023; and
- 38 (x) Other used wood products, including, without
39 limitation, crates and pallets.

40 (b) "Bioenergy with carbon capture and storage" means
41 the process of capturing and permanently storing carbon dioxide
42 from biomass energy generation.

43 **SECTION 2.** (1) Bioenergy produced from biomass is
44 considered renewable and carbon neutral. When the bioenergy



45 produced from biomass is paired with bioenergy with carbon capture
46 and storage, the bioenergy is carbon negative.

47 (2) Bioenergy produced from agricultural harvesting is
48 considered renewable and carbon neutral. When the bioenergy
49 produced from agricultural harvesting is paired with bioenergy
50 with carbon capture and storage, the bioenergy is carbon negative.

51 **SECTION 3.** This act shall take effect and be in force from
52 and after July 1, 2024.

