

PURC Energy Advisory Council Minutes

Meeting: Friday, January 21, 2011, 10:00 am in the Gressette Building Room 105

Members Present: Dukes Scott (council co-facilitator); Ashlie Lancaster (council co-facilitator); Jimmy Bagley; Dennis Boyd; Mike Couick; Hamilton Davis; Bob Long; Hank McCullough; John Ramsburgh; Myra Reece; and Mitch Williams

Staff gave opening remarks.

Council members discussed the resources definition for the resource study. Mike Couick made a motion to obtain two bid proposals for a resource study and to amend the definition of resources. The first bid would be for a study with the information outlined below. The second bid would include the information below as well as predictions and scenario analyses for organic human or animal waste; spent pulping liquors; hydrogen derived from a renewable energy source; and energy derived from waste oil.

1. Inventory of renewable resources in South Carolina as well as their economic potential through 2020, including resources currently operating and those that could be developed, of these resources. This part of the study would be an update to the 2007 La Capra study commissioned by Central Electric.
 - Onshore wind;
 - Offshore wind;
 - Solar photovoltaics;
 - Conventional and small hydropower;
 - Landfill gas;
 - Non-site specific, representative cost data for combined heat and power, geothermal, and solar thermal water heating;
 - Biomass, including:
 - Pre-commercial thinning and Southern Scrub Oak that meet the following requirements:
 - That are byproducts of preventive treatments that are removed to reduce hazardous fuels, reduce or contain disease or insect infestation or restore ecosystem health;
 - Would not be used for high-value products; and
 - Are harvested in accordance with applicable law and land management plans and the requirements for old growth maintenance, restoration and management direction of paragraphs (2), (3) and (4) of subsection (e) of section 102 of the Healthy Forests Restoration Act of 2003 (16 U.S.C. § 6512) and large tree retention of subsection (f) of that section.
 - Wood waste (forest residue, commercial thinning, urban wood waste and mill residue); and
 - Agricultural resources (agricultural residues, poultry litter, switchgrass).

2. An inventory of the following resources along with illustrative costs. For these resources, the Council is interested in knowing what is out there today and being used for energy, along with the costs of these resources currently used.
 - Organic human or animal waste, including fats, oils, greases, manures, and swine waste;
 - Spent pulping liquors;
 - Hydrogen derived from a renewable energy source; and
 - Energy derived from waste oil.

Ashlie Lancaster then amended Mike Couick's motion to ask for bids from three consultants for the study. The motion passed unanimously.

The Council then decided to schedule two upcoming meetings on building codes, one for public testimony and the other to discuss the testimony and other information received.

Staff gave concluding remarks.