

Regular Session, 2012

SENATE RESOLUTION NO. 171

BY SENATORS GALLOT AND WHITE

NATURAL RESOURCES DEPT. Requests the Department of Natural Resources to adopt administrative rules encouraging the use of combined heating and power systems in critical government facilities.

1 A RESOLUTION

2 To urge and request the Department of Natural Resources, in conjunction with the Public
3 Service Commission, to adopt rules and regulations to ensure high levels of energy
4 security in critical government facilities through implementation of on-site combined
5 heat and power systems.

6 WHEREAS, government buildings or facilities, including but not limited to
7 command and control centers, hospitals, shelters, prisons, jails, police and fire stations,
8 communications centers, data centers, water and wastewater facilities, hazardous waste
9 storage facilities, biological research facilities, food preparation and food storage facilities,
10 and institutions of higher education represent critical government facilities; and

11 WHEREAS, these critical government facilities serve a critical function related to
12 public health or safety during natural disasters and other emergency situations resulting in
13 widespread outages of the electrical grid; and

14 WHEREAS, critical government facilities may be anticipated to be occupied on a
15 twenty-four-hour-per-day basis, maintain operations in excess of six thousand hours per
16 year, and have a peak electricity demand exceeding five hundred kilowatts; and

17 WHEREAS, critical government facilities would greatly benefit from combined heat
18 and power systems, which is a technology that is located on the site of the facility,

1 continuously provides electricity and thermal energy used by the facility, can provide one
2 hundred percent of the facility's critical electricity needs required to sustain emergency
3 operations for a minimum of fourteen days and provides an overall efficiency of energy use
4 in excess of sixty percent; and

5 WHEREAS, when constructing or extensively renovating a critical governmental
6 facility or replacing major heating, ventilation, and air-conditioning equipment for a critical
7 governmental facility, the entity with charge and control of the facility would benefit in
8 terms of energy efficiency and operating costs by evaluating whether equipping the facility
9 with a combined heating and power system would result in expected energy savings that
10 would exceed the expected costs of purchasing, operating, and maintaining the system over
11 a twenty-year period.

12 THEREFORE, BE IT RESOLVED that the Senate of the Legislature of Louisiana
13 does hereby urge and request the Department of Natural Resources, in conjunction with the
14 Public Service Commission, to adopt rules and regulations to establish guidelines for
15 equipping critical government facilities with a combined heating and power system if the
16 expected energy savings exceed the expected costs.

17 BE IT FURTHER RESOLVED that a copy of this Resolution be transmitted to the
18 secretary of the Department of Natural Resources and the executive secretary of the Public
19 Service Commission.

The original instrument and the following digest, which constitutes no part
of the legislative instrument, were prepared by McHenry Lee.

DIGEST

Gallot

SR No. 171

Requests the Dept. of Natural Resources, in conjunction with the Public Service Commission, to adopt rules and regulations to establish guidelines for equipping critical government facilities with a combined heating and power system if the expected energy savings exceed the expected costs.