

State of South Dakota

EIGHTY-SECOND SESSION
LEGISLATIVE ASSEMBLY, 2007

624N0805

SENATE CONCURRENT RESOLUTION NO. 8

Introduced by: Senators Hanson (Gary), Abdallah, Bartling, Dempster, Duenwald, Hansen (Tom), Hauge, Heidepriem, Hunhoff, Lintz, McCracken, McNenny, and Peterson (Jim) and Representatives Hargens, Bradford, Burg, Dennert, Elliott, Gassman, Halverson, Moore, Nygaard, Olson (Betty), Sigdestad, Street, and Van Norman

1 A CONCURRENT RESOLUTION, Establishing South Dakota's commitment to the
2 development of the bioeconomy.

3 WHEREAS, South Dakota has made great strides in developing a biofuels industry,
4 including production of corn ethanol and biodiesel; and

5 WHEREAS, it will soon be possible to produce cellulosic ethanol from biomass materials
6 such as corn stover, wheat straw, switchgrass, forest residues, mill residues, and urban wood
7 waste; and

8 WHEREAS, other materials such as manure and methane from landfills and wastewater
9 treatment also have value as raw materials for producing energy and products; and

10 WHEREAS, in addition to cellulosic ethanol, other technologies under development could
11 transform biomass materials into natural gas substitutes, other liquid transportation fuels, and
12 electricity; and

13 WHEREAS, South Dakota has a vast supply of biomass materials, including all of those
14 mentioned above; and



1 WHEREAS, South Dakota State University is one of five regional centers for the Sun Grant
2 Initiative, a national network of land-grant universities and United States Department of Energy
3 laboratories charged with making significant advances in biobased industries for the benefit of
4 America's independent farmers, rural communities, and the public at large; and

5 WHEREAS, South Dakota has much to gain from an expanded bioeconomy, including
6 greater independence from imported energy, a revitalized rural economy, more manufacturing
7 jobs, and a cleaner environment:

8 NOW, THEREFORE, BE IT RESOLVED, by the Senate of the Eighty-second Legislature
9 of the State of South Dakota, the House of Representatives concurring therein, that South
10 Dakota will seek to have demonstrations of key biomass technologies by 2015, including
11 biomass gasification to provide heat for a conventional corn ethanol or biodiesel plant,
12 cellulosic ethanol, pyrolysis, biomass integrated gasification combined cycle, and biomass
13 combined heat and power. South Dakota will take steps to ensure that demonstration projects
14 can be developed by creating a package of appropriate incentives to reduce investor risk in
15 innovative projects; and

16 BE IT FURTHER RESOLVED, that South Dakota will set numeric targets with timelines
17 in order to increase the economic utilization of its biomass resource; and

18 BE IT FURTHER RESOLVED, that South Dakota will invest in the development of
19 perennial biomass crops, including switchgrass and other native grasses by supporting long-term
20 research and development of crops and cropping systems; and

21 BE IT FURTHER RESOLVED, that South Dakota's government agencies will provide an
22 early market by preferentially purchasing bio-based products if they are cost-competitive with
23 their fossil-based equivalent, if they perform as well as their fossil-based equivalent, and if they
24 are readily available; and

1 BE IT FURTHER RESOLVED, that South Dakota will take steps to ensure that South
2 Dakotans have an opportunity to purchase biofuels and bioproducts and that there is an adequate
3 market within the state to support an industry by promoting the development of highly efficient
4 biofuel powered vehicles, expanding government purchasing of biofuels and biofuel powered
5 vehicles, considering retail tax incentives for the purchase of biofuels, and creating incentives
6 for stations offering high blends of biofuels such as E85 and B20, and for dialable pumps; and

7 BE IT FURTHER RESOLVED, that South Dakota will provide technical assistance to the
8 growing bioeconomy through funding for front end engineering and design (FEED) studies for
9 advanced biomass projects and through an expansion of technical assistance capabilities and
10 funding in the following areas: cooperative development, South Dakota Department of
11 Agriculture, the state energy office, university resources, state agricultural extension, and
12 resource conservation and development organizations; and

13 BE IT FURTHER RESOLVED, that South Dakota will provide dedicated funding to
14 demonstration projects that seek to develop a sustainable biomass supply, including funding and
15 assistance to local governments and communities that seek to complete biomass resource
16 assessments.