

Senate File 552 - Introduced

SENATE FILE 552
BY WAHLS

A BILL FOR

1 An Act requiring the economic development authority to conduct
2 a study of combined heat and power.
3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1 Section 1. ECONOMIC DEVELOPMENT AUTHORITY — STUDY OF
2 COMBINED HEAT AND POWER.

3 1. The economic development authority, in cooperation with
4 the Iowa utilities board, shall conduct a study regarding
5 the potential opportunities and barriers associated with the
6 development of combined heat and power as an efficient and
7 clean approach to generating electric power and useful thermal
8 energy from a single fuel source at the point of use. In
9 conducting the study, the economic development authority shall
10 evaluate all of the following:

11 a. The feasibility of capturing and utilizing biogas
12 produced from animal feeding operations.

13 b. Challenges associated with integrating systems with the
14 electric grid infrastructure.

15 c. The resiliency and reliability of systems when used as
16 backup sources of electricity in case of a grid outage.

17 d. An identification of best strategies for future
18 development and expansion, including the best types of
19 installations and customers and the best scale of projects,
20 including the experiences in other states.

21 2. The economic development authority shall invite
22 participation from interested stakeholders including the
23 department of energy's CHP technical assistance partnerships
24 for the midwest region, the Iowa energy center, the Iowa
25 utility association, and organizations representing livestock
26 producers.

27 3. The economic development authority shall prepare and
28 submit a report, including findings and recommendations, to the
29 governor and general assembly, not later than January 13, 2020.

30 EXPLANATION

31 The inclusion of this explanation does not constitute agreement with
32 the explanation's substance by the members of the general assembly.

33 This bill requires the economic development authority, in
34 cooperation with the Iowa utilities board, to conduct a study
35 regarding the potential opportunities and barriers associated

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1 with the development of combined heat and power, which could
2 replace to some degree the purchase of electricity distributed
3 on the electric grid or burning fuel in on-site furnaces. The
4 authority is required to invite participation from interested
5 stakeholders and submit a report to the governor and general
6 assembly by January 13, 2020.