
SENATE RESOLUTION

URGING THE OFFICE OF HOMELAND SECURITY AND OFFICE OF PLANNING TO
FORM A CRITICAL INFRASTRUCTURE AND RESILIENCY COUNCIL, WITH
CONSULTATION FROM THE DEPARTMENT OF BUSINESS, ECONOMIC
DEVELOPMENT, AND TOURISM.

1 WHEREAS, Hurricanes Irma and Maria devastated Puerto Rico,
2 causing extensive damage to the island's electrical
3 infrastructure, with recent estimates predicting that power in
4 Puerto Rico will not be fully restored until spring of 2018,
5 leaving some residents without power for half a year; and
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7 WHEREAS, the prolonged lack of electrical power has left
8 the residents of Puerto Rico without essential services and has
9 created a humanitarian crisis; and
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11 WHEREAS, interdependencies between different critical
12 infrastructure sectors, including energy, water, transportation,
13 and communications, underscore the need for systemic resiliency
14 planning; and
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16 WHEREAS, as an island state, Hawaii is particularly
17 susceptible to natural disasters, similar to the ones Puerto
18 Rico recently faced; and
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20 WHEREAS, the Hawaii Emergency Management Agency estimates
21 that under a best-case scenario, it would take at least fourteen
22 days after landfall of a category four hurricane on Oahu to
23 restore eighty percent of grid power, but most public emergency
24 shelters in the State do not have the capacity to provide two
25 weeks of electrical service, and relief from the mainland is
26 dependent upon a functioning airport and seaport; and
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28 WHEREAS, climate change means the number of extreme weather
29 events like Hurricanes Irma and Maria will continue to increase;
30 and
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1 WHEREAS, the Department of Business, Economic Development,
2 and Tourism has sufficient funds to support a group focused on
3 enhancing the critical infrastructure and grid resiliency in the
4 State; now, therefore,
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6 BE IT RESOLVED by the Senate of the Twenty-ninth
7 Legislature of the State of Hawaii, Regular Session of 2018,
8 that the policy of the State be to ensure that the State is
9 prepared to withstand natural disasters and other emergencies
10 and protect the State's critical infrastructure and its citizens
11 by making investments in grid resiliency; and
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13 BE IT FURTHER RESOLVED that the goals of this resiliency
14 policy are to:
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- 16 (1) Prevent or reduce the severity of damage to the
17 electric grid from a natural disaster or state of
18 emergency;
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- 20 (2) Enable faster recovery of normal grid operations after
21 a grid outage due to a natural disaster or state of
22 emergency; and
23
- 24 (3) Maintain critical loads at critical infrastructure,
25 such as hospitals, fire stations, police stations,
26 airports, and seaports during a grid outage due to a
27 natural disaster or state of emergency; and
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29 BE IT FURTHER RESOLVED that in order to realize this
30 resiliency policy, the Office of Homeland Security and Office of
31 Planning are urged to form a Critical Infrastructure and
32 Resiliency Council, with consultation and support from the
33 Department of Business, Economic Development, and Tourism; and
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35 BE IT FURTHER RESOLVED that the Council is requested to
36 include the following members or their designees:
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- 38 (1) The Director of Homeland Security, who is requested to
39 serve as co-chair of the council;
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- 41 (2) The Director of the Office of Planning, who is
42 requested to serve as co-chair of the council;



- 1
- 2 (3) The Administrator of the Hawaii Emergency Management
- 3 Agency;
- 4
- 5 (4) The Director of Transportation;
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- 7 (5) The Executive Officer of the Public Utilities
- 8 Commission;
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- 10 (6) The directors of each of the county emergency
- 11 management agencies; and
- 12
- 13 (7) The directors of each of the county water supply
- 14 departments; and
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16 BE IT FURTHER RESOLVED that the Council is encouraged to
 17 invite representatives of the following entities or industries
 18 to join the Council:

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- 20 (1) Each electric utility company operating in Hawaii;
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- 22 (2) Each telecommunications company serving at least one
- 23 hundred thousand customers in Hawaii;
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- 25 (3) Each fuel importer and fuel refiner operating in
- 26 Hawaii; and
- 27
- 28 (4) Each regulated interisland water carrier serving all
- 29 islands; and
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31 BE IT FURTHER RESOLVED that the Council is requested to:

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- 33 (1) Establish strategies, goals, priorities, and
- 34 recommendations to enhance the security and resiliency
- 35 of the electric grid and other critical infrastructure
- 36 sectors in the State, and give appropriate
- 37 consideration to interdependencies between the sectors
- 38 and to differing needs of communities based on
- 39 location, access to resources, and vulnerabilities;
- 40 and
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1 (2) Assess the capacity and availability of existing
2 resources and identify new sources of revenue
3 necessary to enhance resiliency of critical
4 infrastructure sectors; and
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6 BE IT FURTHER RESOLVED that the Council is requested to
7 submit a report summarizing its findings, recommendations, and
8 the status of actions to enhance electric grid and other
9 critical infrastructure sector security and resiliency to the
10 Governor, Legislature, and Mayor and County Council of each
11 county no later than twenty days prior to the convening of the
12 Regular Session of 2019, and every two years thereafter; and
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14 BE IT FURTHER RESOLVED that certified copies of this
15 Resolution be transmitted to the Director of Homeland Security;
16 Director of the Office of Planning; Director of Business,
17 Economic Development, and Tourism; Director of Transportation;
18 Administrator of the Hawaii Emergency Management Agency;
19 Executive Officer of the Public Utilities Commission; directors
20 of each of the county emergency management agencies; and
21 directors of each of the county water supply departments.

