

MAR 16 2026

SENATE CONCURRENT RESOLUTION

REQUESTING THE DEPARTMENT OF HEALTH TO DEVELOP, PUBLISH, AND
PERIODICALLY UPDATE PUBLIC HEALTH GUIDANCE AND EDUCATIONAL
MATERIALS REGARDING RADIOFREQUENCY ENERGY EXPOSURE FROM
CELLULAR TOWERS.

1 WHEREAS, since the launch of fifth-generation wireless
2 technology, commonly known as 5G, in the State in 2018,
3 thousands of new small cell antennas clustered lower to the
4 ground and closer to homes and schools have been erected to
5 support its adoption; and
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7 WHEREAS, while the widespread implementation of 5G
8 purportedly supports faster and higher capacity transmissions to
9 power diverse new technologies, concerns regarding its health
10 impacts have continued, particularly due to increased
11 radiofrequency exposure resulting from more cellular towers and
12 antennas nearer to populous areas; and
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14 WHEREAS, studies have demonstrated that electromagnetic
15 radiation from cellular towers is harmful for trees, causing
16 significant damage that includes loss of leaves spreading from
17 the side of the tree facing the cellular tower; and
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19 WHEREAS, a 2018 National Toxicology Program study found
20 that radiofrequency radiation from second- and third-generation
21 cellular networks may correlate with health issues such as
22 tumors in the hearts, brains, and adrenal glands of rats; and
23

24 WHEREAS, the National Toxicology Program elected not to
25 initiate a new study of the effects of fourth- and fifth-
26 generation cellular networks, however, other studies and
27 anecdotal evidence suggest 5G may pose even greater human health
28 risks; and
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30 WHEREAS, in California, for example, firefighters have
31 reportedly spent fifteen years and millions of dollars fighting



1 against the erection of cell towers located near their stations
2 due to symptoms including headaches, extreme fatigue, and
3 cognitive impairment; and
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5 WHEREAS, given the higher radiofrequency exposure caused by
6 5G and its proliferation throughout the State, it is integral to
7 study and disseminate to the public information regarding this
8 technology's potential health impacts; now, therefore,
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10 BE IT RESOLVED by the Senate of the Thirty-third
11 Legislature of the State of Hawaii, Regular Session of 2026, the
12 House of Representatives concurring, that the Department of
13 Health is requested to develop, publish, and periodically update
14 public health guidance and educational materials regarding
15 radiofrequency energy exposure from cellular towers; and
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17 BE IT FURTHER RESOLVED that the public health guidance and
18 educational materials are requested to include:
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- 20 (1) Summaries of findings of relevant scientific studies;
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- 22 (2) Explanations of exposure sources and measurement
23 methods;
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- 25 (3) Descriptions of potential effects on human health and
26 the environment;
27
- 28 (4) Information, including links to and references for
29 applicable federal exposure standards;
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- 31 (5) An explanation of how radiofrequency energy is
32 transmitted, how exposure occurs, and the basic
33 principles governing its interaction with people and
34 the environment; and
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- 36 (6) Procedures for how individuals may search for the
37 locations of cellular towers in their neighborhoods;
38 and
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40 BE IT FURTHER RESOLVED that the Department of Health is
41 requested to publish the public health guidance and educational



1 materials on its public website and upon request, provide copies
2 to members of the public by mail; and
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4 BE IT FURTHER RESOLVED that the Department of Health is
5 requested to conduct statewide radiofrequency energy
6 measurements that:
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8 (1) Include measurements of fifth-generation (5G)
9 millimeter wave radiofrequency energy; and
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11 (2) Specify the radiofrequency energy measurements in
12 various locations alongside the potential health and
13 environmental effects associated with those levels of
14 radiofrequency energy exposure; and
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16 BE IT FURTHER RESOLVED that the Department of Health is
17 requested to publish the statewide radiofrequency energy
18 measurements and any findings on its public website; and
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20 BE IT FURTHER RESOLVED that a certified copy of this
21 Concurrent Resolution be transmitted to the Director of Health.
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OFFERED BY: Mike Hubbard

