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Date:

(Filing No. H-)

ENERGY, UTILITIES AND TECHNOLOGY

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**STATE OF MAINE
HOUSE OF REPRESENTATIVES
131ST LEGISLATURE
FIRST SPECIAL SESSION**

COMMITTEE AMENDMENT “ ” to H.P. 466, L.D. 697, “Resolve, to Study the Effects of 5G Technology on Bird, Bee and Insect Populations and the Effects of Long-term Exposure on Children”

Amend the resolve by striking out the title and substituting the following:

'Resolve, to Study the Effects of 5G and Other Non-ionizing Radio Frequency Radiation-emitting Technology on Bird, Bee, Insect and Other Wildlife Populations and the Effects of Long-term Exposure on Children'

Amend the resolve by striking out everything after the title and inserting the following:

'Sec. 1. Independent Commission to Study the Effects of 5G and Other Non-ionizing Radio Frequency Radiation-emitting Technology established. Resolved: That the Independent Commission to Study the Effects of 5G and Other Non-ionizing Radio Frequency Radiation-emitting Technology, referred to in this resolve as "the independent commission," is established.

Sec. 2. Independent commission membership. Resolved: That, notwithstanding Joint Rule 353, the independent commission consists of 11 members appointed as follows:

- 1. Five members appointed by the President of the Senate as follows:
 - A. Two members of the Senate, including one member from each of the 2 parties holding the largest number of seats in the Legislature;
 - B. One member with expertise in radio frequency and biomedical engineering and electromagnetics and with experience teaching this subject matter at the university level;
 - C. One member with expertise in wildlife biology and with experience teaching this subject matter at the university level; and
 - D. One member with research experience in electromagnetic field and wireless technology policy;

COMMITTEE AMENDMENT

- 1 2. Five members appointed by the Speaker of the House as follows:
- 2 A. Two members of the House of Representatives, including one member from each
- 3 of the 2 parties holding the largest number of seats in the Legislature;
- 4 B. One member with expertise in physics and engineering and with experience teaching
- 5 in the field of occupational health at the university level;
- 6 C. One member with expertise in public health policy and research experience in
- 7 disease prevention related to the effects of electromagnetic radiation exposure; and
- 8 D. One member with expertise in entomology and wildlife biology and experience in
- 9 the study of the effects of radio frequency radiation exposure; and

10 3. One member representing the public with experience living with a health condition

11 related to electromagnetic radiation exposure, appointed by the Governor.

12 A person may not be appointed to or serve on the independent commission unless that

13 person has certified to the appointing authority that the person has no direct financial

14 interest in wireless communication services, technology companies or wireless industry

15 organizations. For the purposes of this paragraph, "direct financial interest" includes, but is

16 not limited to, receiving funding for research or compensation for consultation services.

17 **Sec. 3. Chairs. Resolved:** That the first-named Senate member is the Senate chair

18 and the first-named House of Representatives member is the House chair of the

19 independent commission.

20 **Sec. 4. Appointments; convening of independent commission. Resolved:**

21 That all appointments must be made no later than 30 days following the effective date of

22 this resolve. The appointing authorities shall notify the Executive Director of the

23 Legislative Council once all appointments have been completed. After appointment of all

24 members, the chairs shall call and convene the first meeting of the independent

25 commission. If 30 days or more after the effective date of this resolve a majority of but not

26 all appointments have been made, the chairs may request authority and the Legislative

27 Council may grant authority for the independent commission to meet and conduct its

28 business.

29 **Sec. 5. Duties. Resolved:** That the independent commission shall:

30 1. Review federal and state laws and regulations governing wireless communication

31 facilities and the history of the development of those laws and regulations;

32 2. Through briefings provided by independent commission members or nonmembers

33 with relevant expertise, review scientific literature, experimental research and studies, with

34 a focus on peer-reviewed, published studies and other publications by experts who are not

35 compensated by a for-profit entity involved in so-called 5G wireless technology or in other

36 wireless technology or in the utility industry, that have investigated or are intended to

37 understand the effects of so-called 5G wireless technology and other non-ionizing radio

38 frequency radiation-emitting wireless technology. The independent commission shall focus

39 its review on the effects of this technology on the populations, habitats and migrations of:

40 A. Birds;

41 B. Bees and insects; and

42 C. Other wildlife populations, as determined by the independent commission;

1 3. Through briefings provided by independent commission members or nonmembers
2 with relevant expertise, review scientific literature, experimental research and studies, with
3 a focus on peer-reviewed, published studies and other publications by experts who are not
4 compensated by a for-profit entity involved in so-called 5G wireless technology or in other
5 wireless technology or in the utility industry, that have investigated so-called 5G wireless
6 technology and other non-ionizing radio frequency radiation-emitting wireless technology,
7 at nonthermal levels for extended periods of time or in acute doses to children, including
8 animal studies intended to provide information on the risk of cancer, oxidative stress,
9 changes in neurological function and brain development and reproductive function. In
10 conducting its review under this subsection, the independent commission may include a
11 comparison of real-world measurements of the current levels of radio frequency radiation
12 in educational settings to the recommended levels that have been identified in independent
13 research studies, including in vivo, in vitro and epidemiological studies;

14 4. Solicit feedback from individuals with experience in business, law and public policy
15 as needed for the independent commission to complete its duties, and consult with
16 individuals with expertise in environmental health, medicine and occupational health,
17 toxicology and epidemiology;

18 5. Review the findings and recommendations contained in the November 1, 2020 final
19 report of the New Hampshire Commission to Study the Environmental and Health Effects
20 of Evolving 5G Technology that are relevant to and within the scope of the independent
21 commission's duties;

22 6. Identify relevant findings and considerations from the review of scientific literature
23 and experimental research and studies that may be unique to the State, including, but not
24 limited to, possible effects on agriculture, apiculture and tourism; and

25 7. Develop policy recommendations and questions, if any, for consideration by the
26 Legislature, informed by the independent commission's work studying the effects of so-
27 called 5G wireless technology and other non-ionizing radio frequency radiation-emitting
28 wireless technology on children and bird, bee, insect and other wildlife populations.

29 **Sec. 6. Staff assistance. Resolved:** That, notwithstanding Joint Rule 353, the
30 Legislative Council shall provide necessary staffing services to the independent
31 commission, except that the Legislative Council staff support is not authorized when the
32 Legislature is in regular or special session.

33 **Sec. 7. Report. Resolved:** That, no later than December 6, 2023, the independent
34 commission shall submit a report that includes a summary of its activities and
35 recommendations to the Joint Standing Committee on Energy, Utilities and Technology
36 and the Joint Standing Committee on Education and Cultural Affairs.'

37 Amend the resolve by relettering or renumbering any nonconsecutive Part letter or
38 section number to read consecutively.

39 **SUMMARY**

40 This resolve creates the Independent Commission to Study the Effects of 5G and Other
41 Non-ionizing Radio Frequency Radiation-emitting Technology. The independent
42 commission is directed to review scientific literature related to the effects of so-called 5G
43 wireless technology and other non-ionizing radio frequency radiation-emitting wireless

1 technology on bird, bee, insect and other wildlife populations and to study the effects of
2 long-term and acute exposure to 5G and other non-ionizing radio frequency radiation-
3 emitting wireless technology and radio frequency radiation on children. The independent
4 commission is required to report findings to the Joint Standing Committee on Energy,
5 Utilities and Technology and the Joint Standing Committee on Education and Cultural
6 Affairs no later than December 6, 2023.

7 **FISCAL NOTE REQUIRED**

8 **(See attached)**