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1 SENATE RESOLUTION

2 WHEREAS, Evidence from thousands of studies connect
3 increasing atmospheric greenhouse gas (GHG) concentrations
4 with escalating annual average temperatures, shrinking sea
5 ice, melting glaciers, rising sea levels/temperatures, and
6 increasing atmospheric water vapor, all of which connect to
7 extremes in global climate; and

8 WHEREAS, These increasing climate extremes threaten both
9 current and future ecological system sustainability upon which
10 health and well-being depend; and

11 WHEREAS, These influences reach beyond State and national
12 boundaries with implications for all humanity but
13 disproportionately affect the most vulnerable; and

14 WHEREAS, The interaction of political, economic, and
15 cultural factors influence resource availability and related
16 resilience of families and communities, with a higher risk of
17 adverse health consequences borne by geographic areas with
18 fewer economic resources and greater health disparities; and

19 WHEREAS, Climate-related health risks tend to worsen
20 health conditions, which increases chronic and infectious
21 diseases, injuries and premature life-loss from

1 physical/psychosocial disabilities, trauma from separation of
2 families, disruption of healthcare and social services,
3 infectious disease vulnerability, risk of dehydration and
4 inadequate nutrition, heat stress, and psychological and
5 adjustment disorders; and

6 WHEREAS, Unchecked continuation of current climate trends
7 undermine the sustainability of water systems, agricultural
8 production, and biodiversity, contributing to basic resource
9 depletion, famine, social disruption, population
10 displacement/emigration, increased potential for violent
11 conflict, and decreased regional and global stability; and

12 WHEREAS, The vulnerability of the Midwest and the State of
13 Illinois is a microcosm of these influences from increasing
14 heat, humidity, precipitation, flooding, soil erosion,
15 sedimentation, property damage, late-season drought, invasive
16 species, pests, and plant diseases, leading to reduced air and
17 water quality, biodiversity, agricultural productivity, and
18 worker safety/productivity, all of which jeopardize human
19 health, agriculture, transportation, manufacturing/commerce,
20 recreation/tourism, and economic vibrancy; and

21 WHEREAS, Many of these consequences can be prevented or
22 substantially minimized through interventions that
23 dramatically reduce GHG emissions, such as decreased reliance

1 on carbon-based fuels (i.e. gas, oil and coal) and energy waste
2 and increased energy conservation and reliance on renewable
3 energy sources (i.e. wind, solar and potentially nuclear
4 fusion); and

5 WHEREAS, Such a paradigm shift in the consumption and
6 production of energy is not just a necessity but an opportunity
7 for innovation, job creation, and substantial environmental
8 and related health, economic, social and national security
9 benefits, all of which represent co-benefits in addition to
10 reducing the risk of climate change; and

11 WHEREAS, Solutions to securing a more sustainable global
12 environment lie exclusively in the domain of individual and
13 collective actions aimed at holding global average temperature
14 increases to well below 2°C (3.6°F), above preindustrial
15 levels, and to pursuing efforts to limit such temperature
16 increases to 1.5°C (2.7°F); and

17 WHEREAS, Cities, urban areas, and states represent unique,
18 scalable incubators for innovation to counteract climate
19 change, especially since policies adopted in such
20 jurisdictions typically have the most immediate impact on the
21 daily lives of their residents; and

22 WHEREAS, Paramount to a coordinated, collective response

1 to this threat is an acknowledgment of the risk it represents
2 for all humankind and the urgency to apply best available
3 science-based interventions; and

4 WHEREAS, The physical sciences have established this
5 understanding, but the social sciences are critical in
6 translating this knowledge to adaptive and mitigative actions
7 to match the need, and one of public health strengths is
8 functioning effectively at the nexus of the physical and social
9 sciences; therefore, be it

10 RESOLVED, BY THE SENATE OF THE ONE HUNDRED FIRST GENERAL
11 ASSEMBLY OF THE STATE OF ILLINOIS, that the State of Illinois
12 should play an important role in addressing climate change by
13 taking the following steps:

14 (1) Encourage local and State elected leaders (i.e.
15 mayors, county board chairs/executives and governors) to
16 officially endorse and engage in the respective
17 commitments, momentum, and resources available through
18 Climate Reality Mayors, Climate Resolution for County
19 Executives, and the U.S. Climate Alliance;

20 (2) Urge implementation of public and/or
21 public-private collaborative alternative financing
22 opportunities to encourage green development and climate
23 resilient infrastructure;

24 (3) Conduct, encourage, and support advocacy,

1 education, and public awareness on the threat from climate
2 change and its solutions;

3 (4) Establish support for and funding of research,
4 surveillance, reporting, and tracking of climate-related
5 health effects;

6 (5) Expand State and local preparedness and its funding
7 for disaster readiness and response to effectively assist
8 in climate-related event resilience and rapid recovery;
9 and

10 (6) Promote green energy production and energy
11 efficiency in all public policies and practices, while
12 disincentivizing reliance on carbon-based fuels and
13 utilizing as examples new and rehabilitated public
14 facilities.