DRAFT FOR COMMENT (v5.1)

Honorable Governor Murphy:

The signers represent 3 NJ environmental organizations concerned with advancing more quickly NJ efforts to combat climate change. We thank you for the leadership you continue to demonstrate in addressing climate change. We believe NJ must use every available tool to reduce GHG emissions 50% by 2030, through a combination of legislation, regulation, and incentives.

Attachment 1 highlights 10 recommendations to allow NJ to reach 50% GHG reduction by 2030 on the way to near-complete GHG reduction by 2050.

Attachment 2 provides examples for communication to the public of NJ-wide initiatives.

THE TOP 3 GHG SOURCES IN NJ: All must be simultaneously tackled and substantially reduced by 2030 (percentages are rounded):

* Transportation (40%) – Need clearly defined and enforced incremental goals to increase EVs to 100%. The NJ Integrated Energy Plan (NJ Energy Master Plan) finds the Least Cost scenario with 100% EVs in 2035.
  + For new car sales
  + For phasing out existing vehicles with internal combustion engines
* Natural gas (30%) – Need clearly defined incremental goals to eliminate 100% of natural gas (excepting a possible portion of hard-to-convert industrial)
* for all-electric new construction
* for retrofits of existing structures
* Electricity generation (20%) – Tighten RPS to quickly achieve 100%. The NJ BPU is considering an attractive model for clean energy acceleration, via ICCM (Integrated Clean Capacity Market) proposed by the Brattle Group, and documented 6/2021 in “Alternative Resource Adequacy Structures for New Jersey” [[1]](#endnote-1).

Potential models for NJ application:

* Emission reduction scenarios as documented in the (8/8/2020) “Middletown Energy Plan” [[2]](#endnote-2) .
* Exhaustive emission reduction actions are described in the Princeton University (12/15/2020) “NetZero America” report (page 335, “A blueprint for Action in the 2020s”, and page 336 “Eight Key Priorities for the 2020s”) [[3]](#endnote-3).

Thank you for your ongoing clean energy transformation leadership.

We also thank Hannah Thonet for her thoughtful 7/2/2021 email response to an “Ask the Governor” question submitted by Jeffrey Davis, of our group. Hannah requested our thoughts on options to facilitate local action. Her request was answered by this cover letter and attachments.

Signed by: **[to be listed]** "50 x 30" Team, with members from:

Climate Reality Project NJ Gateway Chapter (add footnote/explanation)

Middletown for Clean Energy

NJ Sierra Club Jersey Shore Group \**NOTE: we hope to expand to endorsement by NJ Sierra Club Chapter*

CC: Hannah Thonet, Policy Advisor | Energy + Environment, Office of the Governor; Hannah.Thonet@nj.gov

1. <https://nj.gov/bpu/pdf/reports/NJ%20BPU%20RA%20Investigation%20%28Final%29.pdf> [↑](#endnote-ref-1)
2. <http://climate.smiller.org/energy-plan/Middletown-2020-Energy-Plan/MiddletownEnergyPlan-V2-2020-8-8.pdf> [↑](#endnote-ref-2)
3. <https://netzeroamerica.princeton.edu/the-report> [↑](#endnote-ref-3)