STATE OF NEW YORK

IN ASSEMBLY

February 5, 2024
_____

Introduced by M. of A. BICHOTTE HERMELYN -- read once and referred to
the Committee on Energy

AN ACT directing the New York state energy research and development
authority to study feasibility and efficiency of independently
constructed micro-grids for homes and neighborhoods

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1   Section 1. Definitions. For the purposes of this act:
2   (a) "City" shall mean any city with a population greater than sixty
3 thousand.
4   (b) "Neighborhood" shall have the same meaning as "neighborhood unit"
5 as defined in section 2 of the private housing finance law.
6   § 2. The New York state energy research and development authority is
7 authorized and directed to study the feasibility, efficiency, and energy
8 saving costs for cities if individuals homes or neighborhoods were to
9 create their own independent micro-grids. Such study shall include, but
10 not be limited to:
11   (a) the cost of constructing a micro-grid to power independent neigh-
12 borhoods and homes;
13   (b) the feasibility of constructing a micro-grid for neighborhoods and
14 homes;
15   (c) the efficiency of a micro-grid for neighborhoods and homes;
16   (d) the cost of operations to run a micro-grid for neighborhoods and
17 homes;
18   (e) the potential effects of independent micro-grids for neighborhoods
19 and homes lessening the stress on current electrical systems; and
20   (f) the potential cost savings of independent micro-grids.
21   § 3. The New York state energy research and development authority
22 shall make a report to the governor and the legislature of its findings,
23 conclusions, and recommendations no later than seven months after the
24 effective date of this act and shall submit with this report such legis-
25 lative proposals as it deems necessary to implement its recommendations.
26   § 4. This act shall take effect immediately.