

EXTRACT

from Chapter 169 of the Acts of 2008, “Green Communities Act”

Sections 19, 21 and 22 of the Green Communities Act describe the funding for energy efficiency programs administered by electric and gas utilities and municipal aggregators (Sec 19). The requirements to obtain all cost-effective energy efficiency and the three-year energy efficiency plans and approval process (Sec 21), and the composition and duties of the Energy Efficiency Advisory Council (Sec 22).

SECTION 11. Said chapter 25 is hereby further amended by striking out sections 19 and 20, as appearing in the 2006 Official Edition, and inserting in place thereof the following 4 sections:-

Section 19. (a) The department shall require a mandatory charge of 2.5 mills per kilowatt-hour for all consumers, except those served by a municipal lighting plant, to fund energy efficiency programs including, but not limited to, demand side management programs. The programs shall be administered by the electric distribution companies and by municipal aggregators with energy plans certified by the department under subsection (b) of section 134 of chapter 164. In addition to the aforementioned mandatory charge, such programs shall also be funded, without further appropriation, by: (1) amounts generated by the distribution companies and municipal aggregators under the Forward Capacity Market program administered by ISO -NE, as defined in section 1 of chapter 164; and (2) cap and trade pollution control programs, including, but not limited to, and subject to section 22 of chapter 21A, not less than 80 per cent of amounts generated by the carbon dioxide allowance trading mechanism established under the Regional Greenhouse Gas Initiative Memorandum of Understanding, as defined in subsection (a) of section 22 of chapter 21A, and the NOx Allowance Trading Program; and (3) other funding as approved by the department after consideration of: (i) the effect of any rate increases on residential and commercial consumers; (ii) the availability of other private or public funds, utility administered or otherwise, that may be available for energy efficiency or demand resources; and (iii) whether past programs have lowered the cost of electricity to residential and commercial consumers. In authorizing such programs, the department shall ensure that they are delivered in a cost-effective manner capturing all available efficiency opportunities, minimizing administrative costs to the fullest extent practicable and utilizing competitive procurement processes to the fullest extent practicable.

(b) The department may approve and fund gas energy efficiency programs proposed by gas distribution companies including, but not limited to, demand side management programs. Energy efficiency activities eligible for funding under this section shall include combined heat and power and geothermal heating and cooling

projects. Funding may be supplemented by funds authorized by section 21. The programs shall be administered by the gas distribution companies. In authorizing such programs, the department shall ensure that they are delivered in a cost-effective manner capturing all available efficiency opportunities, minimizing administrative costs to the fullest extent practicable and utilizing competitive procurement processes to the fullest extent practicable.

(c) Electric and gas energy efficiency program funds shall be allocated to customer classes, including the low-income residential subclass, in proportion to their contributions to those funds; provided, however, that at least 10 per cent of the amount expended for electric energy efficiency programs and at least 20 per cent of the amount expended for gas energy efficiency programs shall be spent on comprehensive low-income residential demand side management and education programs. The low-income residential demand side management and education programs shall be implemented through the low-income weatherization and fuel assistance program network and shall be coordinated with all electric and gas distribution companies in the commonwealth with the objective of standardizing implementation. Such programs shall be screened only through cost-effectiveness testing which compares the value of program benefits to program costs to ensure that a program is designed to obtain energy savings and system benefits with value greater than the costs of the program.

Section 20. Omitted from this extract. This section concerns participation in the Renewable Energy Trust only.

Section 21. (a) To mitigate capacity and energy costs for all customers, the department shall ensure that, subject to subsection (c) of section 19, electric and natural gas resource needs shall first be met through all available energy efficiency and demand reduction resources that are cost effective or less expensive than supply. The cost of supply shall be determined by the department with consideration of the average cost of generation to all customer classes over the previous 24 months.

(b)(1) Every 3 years, on or before April 30, the electric distribution companies and municipal aggregators with certified efficiency plans shall jointly prepare an electric efficiency investment plan and the natural gas distribution companies shall jointly prepare a natural gas efficiency investment plan. Each plan shall provide for the acquisition of all available energy efficiency and demand reduction resources that are cost effective or less expensive than supply and shall be prepared in coordination with the energy efficiency advisory council established by section 22. Each plan shall provide for the acquisition, with the lowest reasonable customer contribution, of all of the cost effective energy efficiency and demand reduction resources that are available from municipalities and other governmental bodies.

(2) A plan shall include: (i) an assessment of the estimated lifetime cost, reliability and magnitude of all available energy efficiency and demand reduction resources that are cost effective or less expensive than supply; (ii) the amount of demand resources, including efficiency, conservation, demand response and load management, that are

proposed to be acquired under the plan and the basis for this determination; (iii) the estimated energy cost savings that the acquisition of such resources will provide to electricity and natural gas consumers, including, but not limited to, reductions in capacity and energy costs and increases in rate stability and affordability for low-income customers; (iv) a description of programs, which may include, but which shall not be limited to: (A) efficiency and load management programs; (B) demand response programs; (C) programs for research, development and commercialization of products or processes which are more energy-efficient than those generally available; (D) programs for development of markets for such products and processes, including recommendations for new appliance and product efficiency standards; (E) programs providing support for energy use assessment, real time monitoring systems, engineering studies and services related to new construction or major building renovation, including integration of such assessments, systems, studies and services with building energy codes programs and processes, or those regarding the development of high performance or sustainable buildings that exceed code; (F) programs for the design, manufacture, commercialization and purchase of energy-efficient appliances and heating, air conditioning and lighting devices; (G) programs for planning and evaluation; (H) programs providing commercial, industrial and institutional customers with greater flexibility and control over demand side investments funded by the programs at their facilities; and (I) programs for public education regarding energy efficiency and demand management; provided, however, that not more than 1 per cent of the fund shall be expended for items (C) and (D) collectively, without authorization from the advisory council; (v) a proposed mechanism which provides performance incentives to the companies based on their success in meeting or exceeding the goals in the plan; (vi) the budget that is needed to support the programs; (vii) a fully reconciling funding mechanism which may include, but which shall not be limited to, the charge authorized by section 19; (viii) the estimated amount of reduction in peak load that will be reduced from each option and any estimated economic benefits for such projects, including job retention, job growth or economic development; and (ix) data showing the percentage of all monies collected that will be used for direct consumer benefit, such as incentives and technical assistance to carry the plan. With the approval of the council, the plan may also include a mechanism to prioritize projects that have substantial benefits in reducing peak load, reducing the energy consumption or costs of municipalities or other governmental bodies, or that have economic development, job creation or job retention benefits.

(3) A program included in the plan shall be screened through cost-effectiveness testing which compares the value of program benefits to the program costs to ensure that the program is designed to obtain energy savings and system benefits with value greater than the costs of the program. Program cost effectiveness shall be reviewed periodically by the department and by the energy efficiency advisory council. If a program fails the cost-effectiveness test as part of the review process, it shall either be modified to meet the test or shall be terminated.

(c) Each plan prepared under subsection (b) shall be submitted for approval and comment by the energy efficiency advisory council every 3 years on or before April 30. The electric and natural gas distribution companies and municipal aggregators shall

provide any additional information requested by the council that is relevant to the consideration of the plan. The council shall review the plan and any additional information and shall submit its approval or comments to the electric and natural gas distribution companies and municipal aggregators not later than 3 months after submission of the plan. The electric and natural gas distribution companies and municipal aggregators may make any changes or revisions to reflect the input of the council.

(d)(1) The electric and natural gas distribution companies and municipal aggregators shall submit their respective plans, together with the council's approval or comments and a statement of any unresolved issues, to the department every 3 years on or before October 31. The department shall consider the plans and shall provide an opportunity for interested parties to be heard in a public hearing.

(2) Not later than 90 days after submission of a plan, the department shall issue a decision on the plan which ensures that the electric and natural gas distribution companies have identified and shall capture all energy efficiency and demand reduction resources that are cost effective or less expensive than supply and shall approve, modify and approve, or reject and require the resubmission of the plan accordingly. The department shall approve a fully reconciling funding mechanism for the approved plan and, in the case of municipal aggregators, a fully reconciling funding mechanism that requires coordination between the distribution company and municipal aggregator to ensure that program costs are collected, allocated and distributed in a cost effective, fair and equitable manner. The department shall determine the effectiveness of the plan on an annual basis.

(3) Each electric and natural gas plan shall be in effect for 3 years.

(e) If an electric or natural gas distribution company or municipal aggregator has not reasonably complied with the plan, the department may open an investigation. In any such investigation, the utility company or aggregator shall have the burden of proof to show whether it had good cause for failing to reasonably comply with the plan. If the utility company or aggregator does not meet its burden, the department may levy a fine of not more than the product of \$0.05 per kilowatt-hour or \$1 per therm times the shortfall of kilowatt-hours saved or therms saved, as applicable, depending upon the facts and circumstances and degree of fault, which shall be paid to the Massachusetts Technology Park Corporation within 60 days after the end of the year in which the department levies the fine. The fine shall not impact ratepayers. The department of energy resources shall oversee the use of the funds held by the Massachusetts Technology Park Corporation under this subsection so as to maximize the amount of energy efficiency achieved.

Section 22. (a) The department shall appoint and convene an energy efficiency advisory council which shall consist of 11 members, including 1 person representing each of the following: (1) residential consumers, (2) the low-income weatherization and fuel assistance program network, (3) the environmental community, (4) businesses, including large C&I end-users, (5) the manufacturing industry, (6) energy efficiency experts,

(7) organized labor, (8) the department of environmental protection, (9) the attorney general, (10) the executive office of housing and economic development, and (11) the department of energy resources. Interested parties shall apply to the department for designation as members. Members shall serve for terms of 5 years and may be reappointed. The commissioner of energy resources shall serve as chair of the council. A member who is a representative of energy efficiency experts shall not have a contractual relationship with an electric or natural gas distribution company doing business in the commonwealth or any affiliate of such company, or any municipal aggregator. There shall be 1 non-voting, ex-officio member from each of the electric and natural gas distribution companies, 1 from each of the approved municipal aggregators, 1 from the heating oil industry and 1 from energy efficiency businesses.

(b) The council shall, as part of the approval process by the department, seek to maximize net economic benefits through energy efficiency and load management resources and to achieve energy, capacity, climate and environmental goals through a sustained and integrated statewide energy efficiency effort. The council shall review and approve demand resource program plans and budgets, work with program administrators in preparing energy resource assessments, determine the economic, system reliability, climate and air quality benefits of efficiency and load management resources, conduct and recommend relevant research, and recommend long term efficiency and load management goals to maximize economic savings and achieve environmental goals. Approval of efficiency and demand resource plans and budgets shall require a two-thirds majority vote. The council shall, as part of its review of plans, examine opportunities to offer joint programs providing similar efficiency measures that save more than 1 fuel resource or to coordinate programs targeted at saving more than one fuel resource. Any costs for joint programs shall be allocated equitably among the efficiency programs.

(c) The council may retain expert consultants; provided, however, that such consultants shall not have any contractual relationship with an electric or natural gas distribution company doing business in the commonwealth or any affiliate of such company.

The council shall annually submit to the department a proposal regarding the level of funding required for the retention of expert consultants and reasonable administrative costs. The proposal shall be approved by the department either as submitted or as modified by the department. The department shall allocate funds sufficient for these purposes from the natural gas and electric efficiency funding authorized under section 19; provided, however, that such allocation shall not exceed 1 per cent of such funding on an annual basis. The consultants used under this section shall be experts in energy efficiency and shall be independent.

(d) The electric and natural gas distribution companies and municipal aggregators shall provide quarterly reports to the council on the implementation of their respective plans. The reports shall include a description of the program administrator's progress in implementing the plan, a summary of the savings secured to date and such other

information as the council shall determine. The council shall provide an annual report to the department and the joint committee on telecommunications, utilities and energy on the implementation of the plan which includes descriptions of the programs, expenditures, cost-effectiveness and savings and other benefits during the previous year.