



General Assembly

February Session, 2010

Raised Bill No. 5465

LCO No. 1983

01983_____ET_

Referred to Committee on Energy and Technology

Introduced by:
(ET)

AN ACT CONCERNING THE DEVELOPMENT OF GREEN JOBS.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. (NEW) (*Effective July 1, 2010*) Not later than October 1,
2 2010, the Department of Public Utility Control, in consultation with the
3 Green Jobs Advisory Board convened pursuant to section 4 of this act,
4 shall develop a green jobs web site to disseminate information on
5 green jobs technology and industry in the state. For purposes of this
6 section, "green jobs" means jobs that help to (1) protect ecosystems and
7 biodiversity; (2) reduce energy, materials and water consumption
8 through high efficiency strategies; (3) decarbonize the economy; and
9 (4) minimize or altogether avoid generation of all forms of waste and
10 pollution.

11 Sec. 2. Subsection (f) of section 16-2 of the general statutes is
12 repealed and the following is substituted in lieu thereof (*Effective*
13 *October 1, 2010*):

14 (f) The chairperson of the authority, with the consent of two or more
15 other members of the authority, shall appoint an executive director,
16 who shall be the chief administrative officer of the Department of

17 Public Utility Control. The executive director shall be supervised by
18 the chairperson of the authority, serve for a term of four years and
19 annually receive a salary equal to that established for management pay
20 plan salary group seventy-two by the Commissioner of Administrative
21 Services. The executive director (1) shall conduct comprehensive
22 planning with respect to the functions of the department; (2) shall
23 coordinate the activities of the department; (3) shall cause the
24 administrative organization of the department to be examined with a
25 view to promoting economy and efficiency; (4) shall, in concurrence
26 with the chairperson of the authority, organize the department into
27 such divisions, bureaus or other units as he deems necessary for the
28 efficient conduct of the business of the department and may from time
29 to time abolish, transfer or consolidate within the department, any
30 division, bureau or other units as may be necessary for the efficient
31 conduct of the business of the department, provided such organization
32 shall include any division, bureau or other unit which is specifically
33 required by the general statutes; (5) shall, for any proceeding on a
34 proposed rate amendment in which staff of the department are to be
35 made a party pursuant to section 16-19j, determine which staff shall
36 appear and participate in the proceedings and which shall serve the
37 members of the authority; (6) may enter into such contractual
38 agreements, in accordance with established procedures, as may be
39 necessary for the discharge of his duties; (7) shall establish a single
40 point of responsibility, other than the executive director, to work with
41 the Green Jobs Advisory Board convened pursuant to section 4 of this
42 act regarding green collar jobs with information based on the 2009
43 Navigant Consulting Study; and [(7)] (8) may, subject to the provisions
44 of section 4-32, and unless otherwise provided by law, receive any
45 money, revenue or services from the federal government, corporations,
46 associations or individuals, including payments from the sale of
47 printed matter or any other material or services. The executive director
48 shall require the staff of the department to have expertise in public
49 utility engineering and accounting, finance, economics, computers and
50 rate design. Subject to the provisions of chapter 67 and within

51 available funds in any fiscal year, the executive director may appoint a
52 secretary, and may employ such accountants, clerical assistants,
53 engineers, inspectors, experts, consultants and agents as the
54 department may require.

55 Sec. 3. (*Effective from passage*) The Legislative Program Review and
56 Investigations Committee shall conduct a study to examine the
57 feasibility and benefits of establishing a state energy office to serve as a
58 conduit for federal funding and to have authority regarding
59 transportation energy, electric energy, renewables, efficiency, emission
60 reductions, climate change, energy education and public outreach.
61 Such study shall include suggestions on how to establish such an office
62 and the costs associated with such establishment, as well as
63 recommend additional functions and duties. Such additional functions
64 and duties shall include, but not be limited to, (1) developing a one-
65 stop office to help organizations access state matching funds when
66 applying for federal energy grants, (2) investigating creating green
67 economy investment funds through bonding, and (3) creating
68 programs to provide matching funds to pursue federal funding. The
69 study shall also examine the critical industries development account,
70 established pursuant to section 32-41q of the general statutes, as a
71 potential financing mechanism for programs administered by such an
72 energy office. On or before January 1, 2011, the Legislative Program
73 Review and Investigations Committee shall report its findings and
74 recommendations.

75 Sec. 4. (NEW) (*Effective July 1, 2010*) (a) The Department of Public
76 Utility Control shall appoint and convene a Green Jobs Advisory
77 Board, which shall include, but not be limited to, the Commissioners of
78 Economic and Community Development, Higher Education and
79 Environment and representatives of the electric distribution
80 companies, the Energy Conservation Management Board and the
81 Renewable Energy Investments Board. Such representatives shall serve
82 for a term of five years. The board shall meet on or before December
83 31, 2010, and at least annually thereafter.

84 (b) The Green Jobs Advisory Board shall (1) provide guidance to the
85 department with regard to establishing and creating the demand for
86 green jobs and provide guidance to the Department of Higher
87 Education regarding training needs for green jobs, and (2) create
88 targets and rating criteria to set measurable goals.

89 Sec. 5. (NEW) (*Effective from passage*) (a) As used in this section:

90 (1) "Energy improvements" means any renovation or retrofitting of
91 qualifying real property to reduce energy consumption or installation
92 of a renewable energy system to service qualifying real property, and

93 (2) "Qualifying real property" means single-family or multifamily
94 residential dwellings or commercial or industrial buildings that a
95 municipality has determined can benefit from energy improvements.

96 (b) Any municipality may establish a sustainable energy loan
97 program for the purpose of financing energy improvements to
98 qualifying real property located within the municipality.

99 (c) Notwithstanding the provisions of section 7-374 of the general
100 statutes or any other public or special act that limits or imposes
101 conditions on municipal bond issues, any municipality that establishes
102 a sustainable energy loan program under this section may issue bonds,
103 as necessary, for the purpose of (1) offering loans to the owners of
104 qualifying real property within the municipality to finance energy
105 improvements, (2) related energy audits, and (3) renewable energy
106 system feasibility studies and the verification of the installation of such
107 improvements. Such funds may also be used in a guarantee or loan
108 loss reserve to support loans from other sources, including, but not
109 limited to, private sources.

110 (d) Before establishing a program under this section, the
111 municipality shall provide notice to the electric distribution company,
112 as defined in section 16-1 of the general statutes, that services the
113 municipality.

114 (e) If the owner of record of qualifying real property requests a loan
115 under this section, the municipality implementing the sustainable
116 energy loan program shall:

117 (1) Require performance of an energy audit or renewable energy
118 system feasibility analysis on the qualifying real property before
119 approving a loan;

120 (2) Enter into a loan agreement with the owner and any other
121 person benefited by the loan in a principal amount sufficient to pay the
122 costs of energy improvements the municipality determines will benefit
123 the qualifying real property and the borrowers, the costs of the energy
124 audit and any associated costs;

125 (3) Impose requirements to ensure that the loan is consistent with
126 the purpose of the program; and

127 (4) Impose requirements and conditions on loans to ensure timely
128 repayment.

129 (f) Any loan made under the sustainable energy loan program shall
130 be repaid over a term not to exceed the calculated payback period for
131 the installed energy improvements, as determined by the municipality,
132 and shall have no prepayment penalty. The municipality shall set a
133 fixed rate of interest for the repayment of the principal amount of each
134 loan at the time the loan is made. Such interest rate shall be sufficient
135 to pay the financing costs of the program, including loan
136 delinquencies.

137 (g) Any municipality implementing a sustainable energy loan
138 program may:

139 (1) Secure the loan with a lien on the benefited qualifying real
140 property;

141 (2) Assess the benefited qualifying real property for the amounts
142 due under a loan agreement;

143 (3) Collect loan payments through a charge on the real property
144 benefitted by such loan. Such charge shall be on the real property and
145 shall be levied and collected at the same time and in the same manner
146 as municipal taxes, provided such charge shall be separately listed on
147 the tax bill; and

148 (4) Secure a loan in any other manner that the municipality
149 determines reasonable subject to the criteria established pursuant to
150 this section.

151 Sec. 6. Subsection (c) of section 16-245n of the general statutes is
152 repealed and the following is substituted in lieu thereof (*Effective July*
153 *1, 2010*):

154 (c) There is hereby created a Renewable Energy Investment Fund
155 which shall be within Connecticut Innovations, Incorporated for
156 administrative purposes only. The fund may receive any amount
157 required by law to be deposited into the fund and may receive any
158 federal funds as may become available to the state for renewable
159 energy investments. Upon authorization of the Renewable Energy
160 Investments Board established pursuant to subsection (d) of this
161 section, Connecticut Innovations, Incorporated, may use any amount
162 in said fund for expenditures that promote investment in renewable
163 energy sources in accordance with a comprehensive plan developed by
164 it to foster the growth, development and commercialization of
165 renewable energy sources, related enterprises and stimulate demand
166 for renewable energy and deployment of renewable energy sources
167 that serve end use customers in this state and for the further [purpose]
168 purposes of supporting operational demonstration projects for
169 advanced technologies that reduce energy use from traditional sources
170 and for transportation projects, such as those supporting plug-in
171 hybrid vehicles. Such expenditures may include, but not be limited to,
172 reimbursement for services provided by the administrator of the fund
173 including a management fee, disbursements from the fund to develop
174 and carry out the plan developed pursuant to subsection (d) of this

175 section, grants, direct or equity investments, contracts or other actions
176 which support research, development, manufacture,
177 commercialization, workforce development, deployment and
178 installation of renewable energy technologies, and actions which
179 expand the expertise of individuals, businesses and lending
180 institutions with regard to renewable energy technologies. On and
181 after January 1, 2011, the board shall develop a system that provides
182 incentives that decline over time and will foster the sustained, orderly
183 development of a state-based industry.

184 Sec. 7. (NEW) (*Effective July 1, 2010*) The Treasurer shall study the
185 potential use of state pension funds for in-state investments in green
186 manufacturing. On or before January 1, 2011, the Treasurer shall report
187 the findings of such study to the joint standing committee of the
188 General Assembly having cognizance of matters relating to energy and
189 technology and finance and revenue, in accordance with the provisions
190 of section 11-4a of the general statutes.

191 Sec. 8. Subdivision (1) of subsection (c) of section 16-32f of the
192 general statutes is repealed and the following is substituted in lieu
193 thereof (*Effective July 1, 2010*):

194 (c) (1) The Energy Conservation Management Board shall advise
195 and assist each such gas company in the development and
196 implementation of the plan submitted under subsection (b) of this
197 section. Each program contained in the plan shall be reviewed by each
198 such gas company and shall be either accepted, modified or rejected by
199 the Energy Conservation Management Board before submission of the
200 plan to the department for approval. The Energy Conservation
201 Management Board shall, as part of its review, (A) examine
202 opportunities to offer joint programs providing similar efficiency
203 measures that save more than one fuel resource or to otherwise
204 coordinate programs targeted at saving more than one fuel resource.
205 Any costs for joint programs shall be allocated equitably among the
206 conservation programs, and (B) conduct, when applicable, willingness

207 to pay focus groups to determine the lowest possible incentive to
208 induce participation in the programs described in this subsection.

209 Sec. 9. Subdivision (1) of subsection (d) of section 16a-22l of the
210 general statutes is repealed and the following is substituted in lieu
211 thereof (*Effective July 1, 2010*):

212 (d) (1) The Fuel Oil Conservation Board shall advise and assist the
213 program administrator in the development and implementation of a
214 comprehensive plan, which shall be approved by the board, that
215 implements cost-effective fuel oil energy conservation programs and
216 market transformation initiatives for residential, commercial and
217 industrial fuel oil customers. The board shall, as part of its review, (A)
218 examine opportunities to offer joint programs providing similar
219 efficiency measures that save more than one fuel resource or to
220 otherwise coordinate programs targeted at saving more than one fuel
221 resource, and (B) conduct, when applicable, willingness to pay focus
222 groups to determine the lowest possible incentive to induce
223 participation in the programs and initiatives described in this
224 subdivision.

225 Sec. 10. (NEW) (*Effective October 1, 2010*) The Board of Trustees of
226 the Community-Technical Colleges shall require that green jobs
227 certificate and degree programs offered by each of the community-
228 technical colleges be uniformly named and contain uniform syllabi.

229 Sec. 11. (NEW) (*Effective October 1, 2010*) The Connecticut
230 Employment and Training Commission, in collaboration with the
231 Connecticut Energy Sector Partnership, shall annually solicit and
232 publicize information concerning efforts made by the institutions of
233 higher education in this state to promote the green industry, including
234 the development of new academic degree and certificate programs,
235 courses of instruction and initiatives made by such institutions to align
236 green jobs programs with employer needs.

237 Sec. 12. (NEW) (*Effective October 1, 2010*) Each regional vocational-

238 technical school and public institution of higher education shall
239 develop, in such manner as the Commissioners of Education and
240 Higher Education prescribe, agreements to share equipment required
241 for students participating in green jobs certificate or degree programs
242 or enrolled in a course of study concerning green jobs, including, but
243 not limited to, solar photovoltaic and solar thermal installation.

244 Sec. 13. (NEW) (*Effective October 1, 2010*) Public institutions of higher
245 education, in consultation with the regional work force development
246 boards, shall support any efforts to develop career ladders and lattices
247 in the green collar fields, particularly for those workers who gain entry
248 into such fields as a result of funds made available pursuant to the
249 American Recovery and Reinvestment Act of 2009.

250 Sec. 14. (NEW) (*Effective October 1, 2010*) The Department of Higher
251 Education, in consultation with the Department of Education, shall
252 annually prepare a list of every green jobs course and green jobs
253 certificate and degree program offered by regional vocational-technical
254 schools and public institutions of higher education and an inventory of
255 green jobs related equipment used by such schools and institutions of
256 higher education. The Department of Higher Education shall provide
257 the list prepared pursuant to this section to the state's public high
258 school guidance counselors and to the Department of Public Utility
259 Control to post on its web site developed pursuant to section 1 of this
260 act.

261 Sec. 15. (NEW) (*Effective October 1, 2010*) Staff of the Center for Clean
262 Energy Engineering at The University of Connecticut and the Institute
263 of Sustainable Energy at Eastern Connecticut State University shall
264 meet at least quarterly with staff of other public institutions of higher
265 education and centers affiliated with such institutions of higher
266 education that focus on clean or sustainable energy and that are
267 located within the same geographic regions to discuss possible ways to
268 collaborate on green initiatives. Such staff shall develop
269 recommendations for modifying programs related to green initiatives

270 and establishing plans for matriculation.

271 Sec. 16. Subsection (f) of section 16a-3a of the 2010 supplement to
272 the general statutes is repealed and the following is substituted in lieu
273 thereof (*Effective July 1, 2010*):

274 (f) On or before September 30, 2009, and every two years thereafter,
275 the Department of Public Utility Control shall report to the joint
276 standing committees of the General Assembly having cognizance of
277 matters relating to energy and the environment regarding goals
278 established and progress toward implementation of the procurement
279 plan established pursuant to this section, including actions to
280 implement the provisions of subsection (c) of this section, as well as
281 any recommendations for the process.

282 Sec. 17. Section 16-243q of the general statutes is repealed and the
283 following is substituted in lieu thereof (*Effective July 1, 2010*):

284 (a) On and after January 1, 2007, each electric distribution company
285 providing standard service pursuant to section 16-244c and each
286 electric supplier as defined in section 16-1 shall demonstrate to the
287 satisfaction of the Department of Public Utility Control that not less
288 than one per cent of the total output of such supplier or such standard
289 service of an electric distribution company shall be obtained from
290 Class III sources. On and after January 1, 2008, not less than two per
291 cent of the total output of any such supplier or such standard service of
292 an electric distribution company shall, on demonstration satisfactory to
293 the Department of Public Utility Control, be obtained from Class III
294 sources. On or after January 1, 2009, not less than three per cent of the
295 total output of any such supplier or such standard service of an electric
296 distribution company shall, on demonstration satisfactory to the
297 Department of Public Utility Control, be obtained from Class III
298 sources. On and after January 1, 2010, not less than four per cent of the
299 total output of any such supplier or such standard service of an electric
300 distribution company shall, on demonstration satisfactory to the
301 Department of Public Utility Control, be obtained from Class III

302 sources. On and after January 1, 2011, not less than five per cent of the
303 total output of any such supplier or such standard service of an electric
304 distribution company shall, on demonstration satisfactory to the
305 Department of Public Utility Control, be obtained from Class III
306 sources. On and after January 1, 2014, not less than ten per cent of the
307 total output of any such supplier or such standard service of an electric
308 distribution company shall, on demonstration satisfactory to the
309 Department of Public Utility Control, be obtained from Class III
310 sources. On and after January 1, 2017, not less than fifteen per cent of
311 the total output of any such supplier or such standard service of an
312 electric distribution company shall, on demonstration satisfactory to
313 the Department of Public Utility Control, be obtained from Class III
314 sources. On and after January 1, 2020, not less than twenty per cent of
315 the total output of any such supplier or such standard service of an
316 electric distribution company shall, on demonstration satisfactory to
317 the Department of Public Utility Control, be obtained from Class III
318 sources. Electric power obtained from customer-side distributed
319 resources that does not meet air and water quality standards of the
320 Department of Environmental Protection is not eligible for purposes of
321 meeting the percentage standards in this section.

322 (b) Except as provided in subsection (d) of this section, the
323 Department of Public Utility Control shall assess each electric supplier
324 and each electric distribution company that fails to meet the
325 percentage standards of subsection (a) of this section a charge of up to
326 five and five-tenths cents for each kilowatt hour of electricity that such
327 supplier or company is deficient in meeting such percentage
328 standards. Seventy-five per cent of such assessed charges shall be
329 deposited in the Energy Conservation and Load Management Fund
330 established in section 16-245m, and twenty-five per cent shall be
331 deposited in the Renewable Energy Investment Fund established in
332 section 16-245n, as amended by this act, except that such seventy-five
333 per cent of assessed charges with respect to an electric supplier shall be
334 divided among the Energy Conservation and Load Management
335 Funds of electric distribution companies in proportion to the amount

336 of electricity such electric supplier provides to end use customers in
337 the state using the facilities of each electric distribution company.

338 (c) An electric supplier or electric distribution company may satisfy
339 the requirements of this section by participating in a conservation and
340 distributed resources trading program approved by the Department of
341 Public Utility Control. Credits created by conservation and customer-
342 side distributed resources shall be allocated to the person that
343 conserved the electricity or installed the project for customer-side
344 distributed resources to which the credit is attributable and to the
345 Energy Conservation and Load Management Fund. Such credits shall
346 be made in the following manner: A minimum of twenty-five per cent
347 of the credits shall be allocated to the person that conserved the
348 electricity or installed the project for customer-side distributed
349 resources to which the energy credit is attributable and the remainder
350 of the credits shall be allocated to the Energy Conservation and Load
351 Management Fund, based on a schedule created by the department no
352 later than January 1, 2007, and reviewed annually thereafter. The
353 department may, in a proceeding and for good cause shown, allocate a
354 larger proportion of such credits to the person who conserved the
355 electricity or installed the customer-side distributed resources. The
356 department shall consider the proportion of investment made by a
357 ratepayer through various ratepayer-funded incentive programs and
358 the resulting reduction in federally mandated congestion charges. The
359 portion allocated to the Energy Conservation and Load Management
360 Fund shall be used for measures that respond to energy demand and
361 for peak reduction programs.

362 (d) An electric distribution company providing standard service
363 may contract with its wholesale suppliers to comply with the
364 conservation and customer-side distributed resources standards set
365 forth in subsection (a) of this section. The Department of Public Utility
366 Control shall annually conduct a contested case, in accordance with the
367 provisions of chapter 54, to determine whether the electric distribution
368 company's wholesale suppliers met the conservation and distributed

369 resources standards during the preceding year. Any such contract shall
370 include a provision that requires such supplier to pay the electric
371 distribution company in an amount of up to five and one-half cents per
372 kilowatt hour if the wholesale supplier fails to comply with the
373 conservation and distributed resources standards during the subject
374 annual period. The electric distribution company shall immediately
375 transfer seventy-five per cent of any payment received from the
376 wholesale supplier for the failure to meet the conservation and
377 distributed resources standards to the Energy Conservation and Load
378 Management Fund and twenty-five per cent to the Renewable Energy
379 Investment Fund. Any payment made pursuant to this section shall
380 not be considered revenue or income to the electric distribution
381 company.

382 (e) The Department of Public Utility Control shall conduct a
383 contested proceeding to develop the administrative processes and
384 program specifications that are necessary to implement a Class III
385 sources conservation and distributed resources trading program. The
386 proceeding shall include, but not be limited to, an examination of
387 issues such as (1) the manner in which qualifying activities are
388 certified, tracked and reported, (2) the manner in which Class III
389 certificates are created, accounted for and transferred, (3) verification
390 of the accuracy of conservation and customer-side distributed
391 resources credits, (4) verification of the fact that resources or credits
392 used to satisfy the requirement of this section have not been used to
393 satisfy any other portfolio or similar requirement, (5) the manner in
394 which credits created by conservation and customer-side distributed
395 resources may best be allocated to maximize the impact of the trading
396 program, and (6) setting such alternative payment amounts at a level
397 that encourages development of conservation and customer-side
398 distributed resources. The department may retain the services of a
399 third party entity with expertise in the development of energy
400 efficiency trading or verification programs to assist in the development
401 and operation of the program. The department shall issue a decision
402 no later than February 1, 2008.

403 (f) On or before February 1, 2011, and annually thereafter, the
404 department shall review its decision issued pursuant to subsection (e)
405 of this section. Such review may include providing for the escalation of
406 such alternative compliance payment amounts over time and a
407 suspension of increased percentages of Class III sources established
408 pursuant to subsection (a) of this section if the department determines
409 such increased percentages would cause unreasonable increase costs to
410 ratepayers.

411 Sec. 18. Section 32-9n of the general statutes is repealed and the
412 following is substituted in lieu thereof (*Effective July 1, 2010*):

413 (a) There is established within the Department of Economic and
414 Community Development an Office of Small Business Affairs. Such
415 office shall aid and encourage small business enterprises, particularly
416 those owned and operated by minorities and other socially or
417 economically disadvantaged individuals in Connecticut. As used in
418 this section, minority means: (1) Black Americans, including all
419 persons having origins in any of the Black African racial groups not of
420 Hispanic origin; (2) Hispanic Americans, including all persons of
421 Mexican, Puerto Rican, Cuban, Central or South American, or other
422 Spanish culture or origin, regardless of race; (3) all persons having
423 origins in the Iberian Peninsula, including Portugal, regardless of race;
424 (4) women; (5) Asian Pacific Americans and Pacific islanders; or (6)
425 American Indians and persons having origins in any of the original
426 peoples of North America and maintaining identifiable tribal
427 affiliations through membership and participation or community
428 identification.

429 (b) Said Office of Small Business Affairs shall: (1) Administer the
430 small business development center program run by the Department of
431 Economic and Community Development; (2) coordinate the flow of
432 information within the technical and management assistance program
433 run by the Department of Economic and Community Development; (3)
434 encourage the Connecticut Development Authority to grant loans to

435 small businesses, particularly those owned and operated by minorities
436 and other socially or economically disadvantaged individuals; (4)
437 coordinate and serve as a liaison between all federal, state, regional
438 and municipal agencies and programs affecting small business affairs;
439 (5) provide technical assistance to individuals and small businesses to
440 protect intellectual property through patents and other mechanisms;
441 and [(5)] (6) administer any business management training program
442 established under section 32-352 or section 32-355 as the Commissioner
443 of Economic and Community Development may determine.

444 Sec. 19. Subsection (a) of section 16-244e of the general statutes is
445 amended by adding subdivision (7) as follows (*Effective July 1, 2010*):

446 (NEW) (7) An electric distribution company may, with the approval
447 of the Department of Public Utility Control and subject to the
448 provisions of section 16-19e, participate in joint ventures with
449 community and public agencies to develop renewable energy projects.

450 Sec. 20. Subsection (a) of section 14-1 of the 2010 supplement to the
451 general statutes is amended by adding subdivision (103) as follows
452 (*Effective October 1, 2010*):

453 (NEW) (103) "Neighborhood electric vehicle" means a four-wheel,
454 self-propelled, electrically-powered motor vehicle designed for
455 conveyance of passengers, that has an attainable speed of not less than
456 twenty miles per hour and not more than twenty-five miles per hour
457 on a paved, level surface and that conforms with standards adopted
458 for low speed vehicles by the National Highway Traffic Safety
459 Administration, in accordance with 49 CFR 571.500, as amended from
460 time to time.

461 Sec. 21. (NEW) (*Effective October 1, 2010*) (a) The Commissioner of
462 Motor Vehicles may, on application in accordance with the provisions
463 of section 14-12 of the general statutes and subject to the financial
464 responsibility provisions of section 14-112 of the general statutes, issue
465 a certificate of registration and marker plates to the owner or lessee of

466 a neighborhood electric vehicle, as defined in section 14-1 of the
467 general statutes, as amended by this act. The applicant shall pay the fee
468 required under subsection (f) of section 14-49 of the general statutes.
469 Such owner or lessee shall carry such registration and proof of
470 financial responsibility in the vehicle and display marker plates as
471 required by section 14-18 of the general statutes. The commissioner
472 shall issue a certificate of title, pursuant to the provisions of chapter
473 247 of the general statutes, for each vehicle that has been issued a
474 manufacturer's or importer's certificate of origin and vehicle
475 identification number.

476 (b) Except as provided in subsection (c) of this section, no individual
477 may operate a neighborhood electric vehicle unless (1) the individual
478 carries a valid motor vehicle operator's license or learner's permit, (2) a
479 certificate of registration and automobile insurance identification card
480 for the vehicle are carried in the motor vehicle and marker plates are
481 displayed in accordance with the provisions of section 14-18 of the
482 general statutes, issued pursuant to subsection (a) of this section, and
483 (3) such vehicle is equipped in accordance with the requirements of
484 sections 14-80 to 14-106c, inclusive, of the general statutes, except
485 insofar as any requirement of said sections is inapplicable to or
486 inconsistent with the design and equipment standards for low speed
487 vehicles, as adopted by the National Highway Traffic Safety
488 Administration in accordance with 49 CFR 571.500, as amended from
489 time to time.

490 (c) No individual may operate a neighborhood electric vehicle
491 unless (1) such individual owns, leases or has a contractual right to use
492 such vehicle and such individual operates such vehicle on premises
493 over which such individual or such individual's employer has control
494 or a possessory interest, or on which such individual or such
495 individual's employer has a contractual right to operate such vehicle,
496 or (2) such vehicle is operated by such individual across, by the
497 shortest practicable route, a highway with an established speed limit of
498 no more than thirty miles per hour that is on, or contiguous to, the

499 premises of such employer identified in subdivision (1) of this
500 subsection, provided such employer is a college or university, except
501 that the traffic authority of any municipality may limit or prohibit the
502 operation of neighborhood electric vehicles on any highway under the
503 jurisdiction of such traffic authority.

504 Sec. 22. Subsection (a) of section 8-2 of the general statutes is
505 repealed and the following is substituted in lieu thereof (*Effective July*
506 *1, 2010*):

507 (a) The zoning commission of each city, town or borough is
508 authorized to regulate, within the limits of such municipality, the
509 height, number of stories and size of buildings and other structures;
510 the percentage of the area of the lot that may be occupied; the size of
511 yards, courts and other open spaces; the density of population and the
512 location and use of buildings, structures and land for trade, industry,
513 residence or other purposes, including water-dependent uses as
514 defined in section 22a-93, and the height, size and location of
515 advertising signs and billboards. Such bulk regulations may allow for
516 cluster development as defined in section 8-18. Such zoning
517 commission may divide the municipality into districts of such number,
518 shape and area as may be best suited to carry out the purposes of this
519 chapter; and, within such districts, it may regulate the erection,
520 construction, reconstruction, alteration or use of buildings or
521 structures and the use of land. All such regulations shall be uniform
522 for each class or kind of buildings, structures or use of land throughout
523 each district, but the regulations in one district may differ from those
524 in another district, and may provide that certain classes or kinds of
525 buildings, structures or uses of land are permitted only after obtaining
526 a special permit or special exception from a zoning commission,
527 planning commission, combined planning and zoning commission or
528 zoning board of appeals, whichever commission or board the
529 regulations may, notwithstanding any special act to the contrary,
530 designate, subject to standards set forth in the regulations and to
531 conditions necessary to protect the public health, safety, convenience

532 and property values. Such regulations shall be made in accordance
533 with a comprehensive plan and in adopting such regulations the
534 commission shall consider the plan of conservation and development
535 prepared under section 8-23. Such regulations shall be designed to
536 lessen congestion in the streets; to secure safety from fire, panic, flood
537 and other dangers; to promote health and the general welfare; to
538 provide adequate light and air; to prevent the overcrowding of land; to
539 avoid undue concentration of population and to facilitate the adequate
540 provision for transportation, water, sewerage, schools, parks and other
541 public requirements. Such regulations shall be made with reasonable
542 consideration as to the character of the district and its peculiar
543 suitability for particular uses and with a view to conserving the value
544 of buildings and encouraging the most appropriate use of land
545 throughout such municipality. Such regulations may, to the extent
546 consistent with soil types, terrain, infrastructure capacity and the plan
547 of conservation and development for the community, provide for
548 cluster development, as defined in section 8-18, in residential zones.
549 Such regulations shall also encourage the development of housing
550 opportunities, including opportunities for multifamily dwellings,
551 consistent with soil types, terrain and infrastructure capacity, for all
552 residents of the municipality and the planning region in which the
553 municipality is located, as designated by the Secretary of the Office of
554 Policy and Management under section 16a-4a. Such regulations shall
555 also promote housing choice and economic diversity in housing,
556 including housing for both low and moderate income households, and
557 shall encourage the development of housing which will meet the
558 housing needs identified in the housing plan prepared pursuant to
559 section 8-37t and in the housing component and the other components
560 of the state plan of conservation and development prepared pursuant
561 to section 16a-26. Zoning regulations shall be made with reasonable
562 consideration for their impact on agriculture. Zoning regulations may
563 be made with reasonable consideration for the protection of historic
564 factors and shall be made with reasonable consideration for the
565 protection of existing and potential public surface and ground

566 drinking water supplies. On and after July 1, 1985, the regulations shall
567 provide that proper provision be made for soil erosion and sediment
568 control pursuant to section 22a-329. Such regulations may also
569 encourage energy-efficient patterns of development, the use of solar
570 and other renewable forms of energy, and energy conservation. The
571 regulations may also provide for incentives for developers who use
572 passive solar energy techniques, as defined in subsection (b) of section
573 8-25, in planning a residential subdivision development. The
574 incentives may include, but not be limited to, cluster development,
575 higher density development and performance standards for roads,
576 sidewalks and underground facilities in the subdivision. Such
577 regulations may provide for a municipal system for the creation of
578 development rights and the permanent transfer of such development
579 rights, which may include a system for the variance of density limits in
580 connection with any such transfer. Such regulations may also provide
581 for notice requirements in addition to those required by this chapter.
582 Such regulations may provide for conditions on operations to collect
583 spring water or well water, as defined in section 21a-150, including the
584 time, place and manner of such operations. No such regulations shall
585 prohibit the operation of any family day care home or group day care
586 home in a residential zone. Such regulations shall not impose
587 conditions and requirements on manufactured homes having as their
588 narrowest dimension twenty-two feet or more and built in accordance
589 with federal manufactured home construction and safety standards or
590 on lots containing such manufactured homes which are substantially
591 different from conditions and requirements imposed on single-family
592 dwellings and lots containing single-family dwellings. Such
593 regulations shall not impose conditions and requirements on
594 developments to be occupied by manufactured homes having as their
595 narrowest dimension twenty-two feet or more and built in accordance
596 with federal manufactured home construction and safety standards
597 which are substantially different from conditions and requirements
598 imposed on multifamily dwellings, lots containing multifamily
599 dwellings, cluster developments or planned unit developments. Such

600 regulations shall not prohibit the continuance of any nonconforming
 601 use, building or structure existing at the time of the adoption of such
 602 regulations. Such regulations shall not provide for the termination of
 603 any nonconforming use solely as a result of nonuse for a specified
 604 period of time without regard to the intent of the property owner to
 605 maintain that use. Such regulations shall give consideration to any
 606 barriers to green manufacturing. Any city, town or borough which
 607 adopts the provisions of this chapter may, by vote of its legislative
 608 body, exempt municipal property from the regulations prescribed by
 609 the zoning commission of such city, town or borough; but unless it is
 610 so voted municipal property shall be subject to such regulations.

This act shall take effect as follows and shall amend the following sections:		
Section 1	<i>July 1, 2010</i>	New section
Sec. 2	<i>October 1, 2010</i>	16-2(f)
Sec. 3	<i>from passage</i>	New section
Sec. 4	<i>July 1, 2010</i>	New section
Sec. 5	<i>from passage</i>	New section
Sec. 6	<i>July 1, 2010</i>	16-245n(c)
Sec. 7	<i>July 1, 2010</i>	New section
Sec. 8	<i>July 1, 2010</i>	16-32f(c)(1)
Sec. 9	<i>July 1, 2010</i>	16a-22l(d)(1)
Sec. 10	<i>October 1, 2010</i>	New section
Sec. 11	<i>October 1, 2010</i>	New section
Sec. 12	<i>October 1, 2010</i>	New section
Sec. 13	<i>October 1, 2010</i>	New section
Sec. 14	<i>October 1, 2010</i>	New section
Sec. 15	<i>October 1, 2010</i>	New section
Sec. 16	<i>July 1, 2010</i>	16a-3a(f)
Sec. 17	<i>July 1, 2010</i>	16-243q
Sec. 18	<i>July 1, 2010</i>	32-9n
Sec. 19	<i>July 1, 2010</i>	16-244e(a)
Sec. 20	<i>October 1, 2010</i>	14-1(a)
Sec. 21	<i>October 1, 2010</i>	New section
Sec. 22	<i>July 1, 2010</i>	8-2(a)

Statement of Purpose:

To implement the recommendations of the speaker of the House of Representative's Green Jobs Working Group.

[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]