



General Assembly

February Session, 2020

***Raised Bill No. 354***

LCO No. 2245



Referred to Committee on LABOR AND PUBLIC EMPLOYEES

Introduced by:  
(LAB)

***AN ACT ESTABLISHING A GREEN NEW DEAL FOR CONNECTICUT.***

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

1 Section 1. Section 22a-200a of the general statutes is repealed and the  
2 following is substituted in lieu thereof (*Effective October 1, 2020*):

3 (a) The state shall reduce the level of emissions of greenhouse gas:

4 (1) Not later than January 1, 2020, to a level at least ten per cent below  
5 the level emitted in 1990;

6 (2) Not later than January 1, 2025, to a level at least twenty-seven and  
7 one-half per cent below the level emitted in 2001;

8 ~~[(2)]~~ (3) Not later than January 1, 2030, to a level at least forty-five per  
9 cent below the level emitted in 2001, [;] and that achieves forty per cent  
10 zero-emission Class I renewable electricity generation;

11 (4) Not later than January 1, 2035, to a level at least fifty-four per cent  
12 below the level emitted in 2001, and that achieves seventy per cent zero-  
13 emission Class I renewable electricity generation;

14 (5) Not later than January 1, 2040, to a level at least sixty-two and one-  
15 half-per cent below the level emitted in 2001, and that achieves zero  
16 state-wide greenhouse gas emissions attributable to the electricity  
17 sector;

18 (6) Not later than January 1, 2045, to a level at least seventy-one per  
19 cent below the level emitted in 2001;

20 ~~[(3)]~~ (7) Not later than January 1, 2050, to a level at least eighty per  
21 cent below the level emitted in 2001, [.] and that achieves zero state-wide  
22 greenhouse gas emissions attributable to the transportation and  
23 building sectors; and

24 ~~[(4)]~~ (8) All of the levels referenced in this subsection shall be  
25 determined by the Commissioner of Energy and Environmental  
26 Protection.

27 (b) Failure to achieve the reductions in state-wide greenhouse gas  
28 emissions established under subsection (a) of this section shall  
29 constitute unreasonable pollution pursuant to chapter 439.

30 ~~[(b)]~~ (c) On or before January 1, 2010, and biannually thereafter, the  
31 state agencies that are members of the Governor's Steering Committee  
32 on Climate Change shall submit a report to the Secretary of the Office of  
33 Policy and Management and the Commissioner of Energy and  
34 Environmental Protection. The report shall identify existing and  
35 proposed activities and improvements to the facilities of such agencies  
36 that are designed to meet state agency energy savings goals established  
37 by the Governor. The report shall also identify policies and regulations  
38 that could be adopted in the near future by such agencies to reduce  
39 greenhouse gas emissions in accordance with subsection (a) of this  
40 section.

41 ~~[(c)]~~ (d) Not later than January 1, [2012] 2021, and every three years  
42 thereafter, the Commissioner of Energy and Environmental Protection  
43 shall, in consultation with the Secretary of the Office of Policy and  
44 Management and the Governor's Steering Committee on Climate

45 Change, report, in accordance with the provisions of section 11-4a, to  
46 the Governor and the joint standing committees of the General  
47 Assembly having cognizance of matters relating to the environment,  
48 energy and transportation on the quantifiable emissions reductions  
49 achieved pursuant to subsection (a) of this section. The report shall  
50 include [a schedule] multiple technically and economically feasible  
51 schedules of proposed regulations, policies and strategies, [designed to  
52 achieve] prepared in accordance with subdivision (1) of this subsection,  
53 that will ensure the attainment of the limits of greenhouse gas emissions  
54 imposed by [said] subsection (a) of this section, and corresponding  
55 quantitative modeling analyses supporting the estimated effectiveness  
56 of such schedules, incorporating the findings of any publication made  
57 pursuant to section 22a-200b, as amended by this act, an assessment of  
58 the latest scientific information and relevant data regarding global  
59 climate change and the status of greenhouse gas emission reduction  
60 efforts in other states and countries, and will take into account an  
61 equitable and just transition.

62 (1) The schedules of proposed regulations, policies, and strategies  
63 shall include: (A) Performance-based standards for sources of  
64 greenhouse gas emissions, including, but not limited to, sources in the  
65 transportation, residential buildings, industrial, commercial and  
66 agricultural sectors; (B) measures to reduce emissions from the  
67 electricity sector by displacing fossil fuel fired electricity with renewable  
68 electricity or energy efficiency, with priority given to disadvantaged  
69 communities as identified in subsection (h) of this section; (C) land use  
70 and transportation planning measures aimed at reducing greenhouse  
71 gas emissions from motor vehicles; (D) measures to achieve long-term  
72 carbon sequestration and promote best management practices in land  
73 use, agriculture and forestry; (E) measures to achieve specific goals for  
74 distributed solar energy capacity installations, offshore wind capacity  
75 installations, state-wide energy efficiency, and state-wide energy  
76 storage capacity as established by the Governor's Steering Committee  
77 on Climate Change; (F) measures to promote the beneficial  
78 electrification of personal and freight transport and other strategies to

79 reduce greenhouse gas emissions from the transportation sector; (G)  
80 measures to achieve reductions in energy use in existing residential and  
81 commercial buildings, including the beneficial electrification of water  
82 and space heating in buildings, establishing appliance efficiency  
83 standards, strengthening building energy codes, requiring annual  
84 building energy benchmarking, disclosing energy efficiency in home  
85 sales, and expanding the ability of state facilities to utilize performance  
86 contracting; (H) recommendations to aid in the transition of the state  
87 workforce and the rapidly emerging clean energy industry, (I) measures  
88 to achieve healthy forests that support clean air and water, biodiversity,  
89 and sequester carbon; (J) measures to limit the use of chemicals,  
90 substances or products that contribute to global climate change when  
91 released into the atmosphere, but are not intended for end-use  
92 combustion; (K) mechanisms to limit emission leakage; and (L)  
93 verifiable, enforceable and voluntary emissions reduction measures.

94 (2) The Commissioner of Energy and Environmental Protection shall  
95 hold at least one public comment hearing prior to the issuance of each  
96 report required under this subsection and shall allow forty-five days for  
97 the submission of public comment. The commissioner shall provide  
98 meaningful opportunities for public comment from all segments of the  
99 population that will be impacted by the plan, including persons living  
100 in disadvantaged communities as identified in subsection (h) of this  
101 section.

102 (3) Each report required under this subsection shall include a  
103 summary of all regulations, policies and strategies implemented in  
104 order to attain the state-wide greenhouse gas emission levels and a  
105 summary of all regulations, policies and strategies recommended in  
106 prior reports that were not implemented.

107 (4) Failure to publish reports as required under this subsection shall  
108 constitute contributing to unreasonable pollution pursuant to chapter  
109 439.

110 [(d)] (e) At least one year prior to the effective date of any federally

111 mandated greenhouse cap and trade program including greenhouse gas  
112 emissions subject to any state cap and trade requirements adopted  
113 pursuant to this section, the Commissioner of Energy and  
114 Environmental Protection and the Secretary of the Office of Policy and  
115 Management shall report, in accordance with the provisions of section  
116 11-4a, to the joint standing committees of the General Assembly having  
117 cognizance of matters relating to the environment, energy and  
118 technology and transportation. Such report shall explain the differences  
119 between such federal and state requirements and shall identify any  
120 further regulatory or legislative actions needed to achieve consistency  
121 with such federal program.

122 (f) Not later than two years after the effective date of this section, the  
123 Commissioner of Energy and Environmental Protection and relevant  
124 agencies shall adopt policies and regulations, in accordance with the  
125 provisions of chapter 54, to implement the provisions of this section that  
126 will ensure compliance with the greenhouse gas emissions levels  
127 established by subsection (a) of this section. The Commissioner of  
128 Energy and Environmental Protection and relevant agencies adopting  
129 such regulations shall publish corresponding quantitative modeling  
130 analyses that quantify how each policy or regulation contributes to the  
131 attainment of the greenhouse gas emission levels established in  
132 subsection (a) of this section.

133 (g) In considering and issuing permits, licenses, and other  
134 administrative approvals and decisions, including, but not limited to,  
135 the execution of grants, loans, and contracts, all state agencies, offices,  
136 authorities and divisions shall consider whether the activity that is the  
137 subject of such permit, license or other administrative approval is  
138 inconsistent with or will interfere with the attainment of the state-wide  
139 greenhouse gas emissions limits established in subsection (a) of this  
140 section. Where such activities are inconsistent with or will interfere with  
141 the attainment of the state-wide greenhouse gas emissions limits, each  
142 agency, office, authority, or division shall provide a detailed public  
143 statement of justification as to why such limits may not be met and  
144 require greenhouse gas mitigation measures to offset such emissions. A

145 finding that such activity is inconsistent with the attainment of the state-  
146 wide greenhouse gas emissions limits shall be deemed to be a finding of  
147 unreasonable pollution pursuant to chapter 439, unless mitigation  
148 measures are demonstrated to sufficiently offset the impact from the  
149 activity such that the state will remain on track to attain the greenhouse  
150 gas emissions levels established by subsection (a) of this section,  
151 reviewed in accordance with the progress tracked in the reports  
152 required under subsection (a) of section 22a-200b, as amended by this  
153 act.

154 (h) (1) There is established within the Department of Energy and  
155 Environmental Protection a working group to be known as the  
156 Environmental Equity Working Group. Such working group, in  
157 consultation with the Department of Energy and Environmental  
158 Protection, the Department of Public Health and the Labor Department  
159 and the environmental equity advisory group, shall establish criteria to  
160 identify disadvantaged communities for the purposes of copollutant  
161 reductions, greenhouse gas emissions reductions, regulatory impact  
162 statements and the allocation of investments under this section.

163 (2) The working group shall consist of the following members:

164 (A) Six representatives of environmental equity communities, to be  
165 appointed by the Commissioner of Energy and Environmental  
166 Protection in accordance with subdivision (5) of this subsection;

167 (B) Two representatives of the Environmental Justice Program in the  
168 Department of Energy and Environmental Protection, to be appointed  
169 by the Commissioner of Energy and Environmental Protection;

170 (C) Two representatives of the Department of Public Health, to be  
171 appointed by the Commissioner of Public Health;

172 (D) Two representatives of the Department of Housing, to be  
173 appointed by the Commissioner of Housing; and

174 (E) Two representatives of the Labor Department, to be appointed by

175 the Labor Commissioner.

176 (3) Initial appointments to the working group shall be made not later  
177 than four months after the effective date of this section. Any vacancy  
178 shall be filled by the appointing authority.

179 (4) The Commissioner of Energy and Environmental Protection shall  
180 select the chairpersons of the working group from among the members  
181 of the working group. Such chairpersons shall schedule the first meeting  
182 of the working group, which shall be held not later than six months after  
183 the effective date of this section.

184 (5) Environmental equity community representatives shall be  
185 members of communities of color, low-income communities and  
186 communities bearing disproportionate pollution and climate change  
187 burdens, and may include representatives of community-based  
188 organizations with experience and a history of advocacy on  
189 environmental equity issues.

190 (6) The working group, in consultation with the Department of  
191 Energy and Environmental Protection, the Department of Public Health  
192 and the Labor Department and the environmental equity advisory  
193 group, shall establish criteria to identify disadvantaged communities for  
194 the purposes of copollutant reductions, greenhouse gas emissions  
195 reductions, regulatory impact statements and the allocation of  
196 investments related to this section.

197 (A) Disadvantaged communities shall be identified based on  
198 geographic, public health, environmental hazard and socioeconomic  
199 criteria, which shall include, but are not limited to: (i) Areas burdened  
200 by cumulative environmental pollution and other hazards that can lead  
201 to negative public health effects; (ii) areas with concentrations of people  
202 that are of low income, high unemployment, high rent burden, low  
203 levels of home ownership, low levels of educational attainment or  
204 members of groups that have historically experienced discrimination on  
205 the basis of race or ethnicity; and (iii) areas vulnerable to the impacts of  
206 climate change such as flooding, storm surges and urban heat island

207 effects.

208 (B) Before finalizing the criteria for identifying disadvantaged  
209 communities, the Department of Energy and Environmental Protection  
210 shall publish draft criteria and a draft list of disadvantaged communities  
211 and make such information available on its Internet web site.

212 (C) The working group shall hold at least one public hearing on the  
213 draft criteria and the draft list of disadvantaged communities and shall  
214 allow at least forty-five days for the submission of public comment.

215 (D) The working group shall ensure that there are meaningful  
216 opportunities for public comment for all segments of the population that  
217 will be impacted by the criteria, including persons living in areas that  
218 may be identified as disadvantaged communities under the proposed  
219 criteria.

220 (E) The working group shall meet no less than annually to review the  
221 criteria and methods used to identify disadvantaged communities and  
222 may modify such methods to incorporate new data and scientific  
223 findings. The working group shall review designated disadvantaged  
224 communities and modify such designation as needed.

225 Sec. 2. Section 22a-200b of the general statutes is repealed and the  
226 following is substituted in lieu thereof (*Effective October 1, 2020*):

227 (a) The Commissioner of Energy and Environmental Protection shall,  
228 with the advice and assistance of a nonprofit association organized to  
229 provide scientific, technical, analytical and policy support to the air  
230 quality and climate programs of northeastern states: (1) Not later than  
231 December 1, 2009, publish an inventory of greenhouse gas emissions to  
232 establish a baseline for such emissions for the state and publish a  
233 summary of greenhouse gas emission reduction strategies on the  
234 Department of Energy and Environmental Protection's Internet web  
235 site, (2) not later than July 1, 2010, publish results of various modeling  
236 scenarios concerning greenhouse gas emissions, including, but not  
237 limited to, an evaluation of the potential economic and environmental



238 benefits and opportunities for economic growth based on such  
239 scenarios, (3) not later than July 1, 2011, analyze greenhouse gas  
240 emission reduction strategies and, after an opportunity for public  
241 comment, make recommendations on which such strategies will achieve  
242 the greenhouse gas emission levels specified in section 22a-200a, as  
243 amended by this act, [and] (4) not later than July 1, 2012, and every three  
244 years thereafter, develop, with an opportunity for public comment, a  
245 schedule of recommended regulatory actions, [by relevant agencies,]  
246 policies and other actions necessary to show reasonable further progress  
247 towards achieving the greenhouse gas emission levels specified in  
248 section 22a-200a] ensure attainment of the state-wide greenhouse gas  
249 emission levels established in section 22a-200a, as amended by this act,  
250 and (5) not later than July 1, 2021, and every three years thereafter,  
251 publish an updated inventory of state-wide greenhouse gas emissions,  
252 expressed in tons of carbon dioxide equivalents, from all greenhouse gas  
253 emission sources in the state, including the relative contribution of each  
254 type of greenhouse gas and each type of source to the state-wide total,  
255 and publish an analysis of whether the state is on track to meet the  
256 greenhouse gas emissions levels specified in section 22a-200a, as  
257 amended by this act. The Department of Energy and Environmental  
258 Protection shall hold at least one public comment hearing prior to the  
259 issuance of each publication and shall allow forty-five days for the  
260 submission of public comment. The department shall provide  
261 meaningful opportunities for public comment from all segments of the  
262 population that will be impacted by the plan, including persons living  
263 in disadvantaged communities as identified pursuant to subsection (h)  
264 of section 22a-200a, as amended by this act.

265 (b) Failure to comply with the provisions of subsection (a) of this  
266 section shall constitute contributing to unreasonable pollution pursuant  
267 to chapter 439.

268 [(b) The commissioner may] (c) Not later than four years after the  
269 effective date of this section, the Commissioner of Energy and  
270 Environmental Protection and the commissioners of relevant agencies  
271 shall adopt regulations, in accordance with the provisions of chapter 54,

272 to implement the provisions of this section and ensure attainment of the  
273 greenhouse gas emissions levels established by subsection (a) of section  
274 22a-200a, as amended by this act. Nothing in section 4a-67h, 22a-200 or  
275 22a-200a, as amended by this act, or this section shall limit a state agency  
276 from adopting any regulation within its authority in accordance with  
277 the provisions of chapter 54. The Commissioner of Energy and  
278 Environmental Protection and the commissioners of relevant agencies  
279 shall publish corresponding quantitative modeling analyses that  
280 demonstrate how each policy or regulation contributes to the attainment  
281 of the greenhouse gas emission levels established in section 22a-200a, as  
282 amended by this act.

283 (d) Not later than one year after the effective date of this section, the  
284 department shall establish a mandatory registry and reporting system  
285 from individual sources to obtain data on greenhouse gas emissions  
286 exceeding a particular threshold. Such registry and reporting system  
287 shall apply a consistent reporting threshold to ensure the unbiased  
288 collection of data.

289 (e) Not later than one year after the effective date of this section, the  
290 Department of Energy and Environmental Protection shall establish a  
291 social cost of carbon for use by state agencies, expressed in terms of  
292 dollars per ton of carbon dioxide equivalent. The social cost of carbon  
293 shall serve as a monetary estimate of the value of not emitting a ton of  
294 greenhouse gas emissions, which shall be considered when determining  
295 equity reinvestment strategies for impacted communities. As  
296 determined by the department, the social cost of carbon may be based  
297 on marginal greenhouse gas abatement costs or on the global economic,  
298 environmental and social impacts of emitting a marginal ton of  
299 greenhouse gas emissions into the atmosphere, utilizing a range of  
300 appropriate discount rates, including a rate of zero. In developing the  
301 social cost of carbon, the department shall consider prior or existing  
302 estimates of the social cost of carbon issued or adopted by the federal  
303 government, appropriate international bodies or other appropriate and  
304 reputable scientific organizations.

305 Sec. 3. Section 2-24a of the general statutes is repealed and the  
306 following is substituted in lieu thereof (*Effective October 1, 2020*):

307 (a) No bill without a fiscal note appended thereto which, if passed,  
308 would require the expenditure of state or municipal funds or affect state  
309 or municipal revenue in the current fiscal year or any of the next ensuing  
310 five fiscal years shall be acted upon by either house of the General  
311 Assembly unless said requirement of a fiscal note is dispensed with by  
312 a vote of at least two-thirds of such house. Such fiscal note shall clearly  
313 identify the cost and revenue impact to the state and municipalities in  
314 the current fiscal year and in each of the next ensuing five fiscal years.

315 (b) Beginning with the session of the General Assembly commencing  
316 on January 9, 2019, no bill without a ratepayer impact statement  
317 appended thereto which, if passed, would have a financial impact on  
318 electric ratepayers, shall be acted upon by either house of the General  
319 Assembly unless said requirement of a ratepayer impact statement is  
320 dispensed with by a vote of at least two-thirds of such house. Such  
321 statement shall (1) be prepared by the Office of Fiscal Analysis; and (2)  
322 provide an assessment as to whether such bill will have a significant  
323 direct financial impact on the cost of electricity to the majority of  
324 Connecticut electric ratepayers.

325 (c) Beginning with the session of the General Assembly commencing  
326 on January 6, 2021, no bill without a climate change impact note which,  
327 if passed, would have an impact on climate change mitigation or  
328 resiliency shall be acted upon by either house of the General Assembly  
329 unless said requirement of a climate change impact note is dispensed  
330 with by a vote of at least two-thirds of such house. Such climate change  
331 impact note shall clearly identify whether and to what extent the  
332 proposed bill contributes to or mitigates greenhouse gas emissions and  
333 whether and to what extent the proposed bill enhances or reduces state  
334 or municipal resiliency to climate change impact.

335 Sec. 4. Section 16-245m of the general statutes is repealed and the  
336 following is substituted in lieu thereof (*Effective October 1, 2020*):

337 (a) (1) Repealed by P.A. 18-50, S. 32.

338 (2) Repealed by P.A. 14-134, S. 130.

339 (3) Repealed by P.A. 11-61, S. 187.

340 (b) Repealed by P.A. 18-50, S. 32.

341 (c) The Commissioner of Energy and Environmental Protection shall  
342 appoint and convene an Energy Conservation Management Board  
343 which shall include the Commissioner of Energy and Environmental  
344 Protection, or the commissioner's designee, the Consumer Counsel, or  
345 the Consumer Counsel's designee, the Attorney General, or the  
346 Attorney General's designee, and a representative of: (1) An  
347 environmental group knowledgeable in energy conservation program  
348 collaboratives; (2) the electric distribution companies in whose  
349 territories the activities take place for such programs; (3) a state-wide  
350 manufacturing association; (4) a chamber of commerce; (5) a state-wide  
351 business association; (6) a state-wide retail organization; (7) a state-wide  
352 farm association; (8) a municipal electric energy cooperative created  
353 pursuant to chapter 101a; and (9) residential customers. The board shall  
354 also include two representatives selected by the gas companies. The  
355 members of the board shall serve for a period of five years and may be  
356 reappointed. Representatives of gas companies, electric distribution  
357 companies and the municipal electric energy cooperative shall be  
358 nonvoting members of the board. The members of the board shall elect  
359 a chairperson from its voting members. If any vote of the board results  
360 in an equal division of its voting members, such vote shall fail.

361 (d) (1) Not later than November 1, 2012, and every three years  
362 thereafter, electric distribution companies, as defined in section 16-1, in  
363 coordination with the gas companies, as defined in section 16-1, shall  
364 submit to the Energy Conservation Management Board a combined  
365 electric and gas Conservation and Load Management Plan, in  
366 accordance with the provisions of this section, to implement cost-  
367 effective energy conservation programs, demand management and  
368 market transformation initiatives. All supply and conservation and load

369 management options shall be evaluated and selected within an  
370 integrated supply and demand planning framework. Services provided  
371 under the plan shall be available to all customers of electric distribution  
372 companies and gas companies, provided a customer of an electric  
373 distribution company may not be denied such services based on the fuel  
374 such customer uses to heat such customer's home. The Energy  
375 Conservation Management Board shall advise and assist the electric  
376 distribution companies and gas companies in the development of such  
377 plan. The Energy Conservation Management Board shall approve the  
378 plan before transmitting it to the Commissioner of Energy and  
379 Environmental Protection for approval. The commissioner shall, in an  
380 uncontested proceeding during which the commissioner may hold a  
381 public meeting, approve, modify or reject said plan prepared pursuant  
382 to this subsection. Following approval by the commissioner, the board  
383 shall assist the companies in implementing the plan and collaborate  
384 with the Connecticut Green Bank to further the goals of the plan. Said  
385 plan shall include a detailed budget sufficient to fund all energy  
386 efficiency that is cost-effective or lower cost than acquisition of  
387 equivalent supply, and shall be reviewed and approved by the  
388 commissioner. The Public Utilities Regulatory Authority shall, not later  
389 than sixty days after the plan is approved by the commissioner, ensure  
390 that the balance of revenues required to fund such plan is provided  
391 through fully reconciling conservation adjustment mechanisms. Electric  
392 distribution companies shall collect a conservation adjustment  
393 mechanism that ensures the plan is fully funded by collecting an  
394 amount that is not more than the sum of six mills per kilowatt hour of  
395 electricity sold to each end use customer of an electric distribution  
396 company during the three years of any Conservation and Load  
397 Management Plan. The authority shall ensure that the revenues  
398 required to fund such plan with regard to gas companies are provided  
399 through a fully reconciling conservation adjustment mechanism for  
400 each gas company of not more than the equivalent of four and six-tenth  
401 cents per hundred cubic feet during the three years of any Conservation  
402 and Load Management Plan. Said plan shall include steps that would  
403 be needed to achieve the goal of weatherization of eighty per cent of the

404 state's residential units by 2030 and to reduce energy consumption by  
405 1.6 million MMBtu, or the equivalent megawatts of electricity, as  
406 defined in subdivision (4) of section 22a-197, annually each year for  
407 calendar years commencing on and after January 1, 2020, up to and  
408 including calendar year 2025. Each program contained in the plan shall  
409 be reviewed by such companies and accepted, modified or rejected by  
410 the Energy Conservation Management Board prior to submission to the  
411 commissioner for approval. The Energy Conservation Management  
412 Board shall, as part of its review, examine opportunities to offer joint  
413 programs providing similar efficiency measures that save more than  
414 one fuel resource or otherwise to coordinate programs targeted at  
415 saving more than one fuel resource. Any costs for joint programs shall  
416 be allocated equitably among the conservation programs. The Energy  
417 Conservation Management Board shall give preference to projects that  
418 maximize the reduction of federally mandated congestion charges.

419 (2) There shall be a joint committee of the Energy Conservation  
420 Management Board and the board of directors of the Connecticut Green  
421 Bank. The boards shall each appoint members to such joint committee.  
422 The joint committee shall examine opportunities to coordinate the  
423 programs and activities funded by the Clean Energy Fund pursuant to  
424 section 16-245n with the programs and activities contained in the plan  
425 developed under this subsection and to provide financing to increase  
426 the benefits of programs funded by the plan so as to reduce the long-  
427 term cost, environmental impacts and security risks of energy in the  
428 state. Such joint committee shall hold its first meeting on or before  
429 August 1, 2005.

430 (3) Programs included in the plan developed under subdivision (1) of  
431 this subsection shall be screened through cost-effectiveness testing that  
432 compares the value and payback period of program benefits for all  
433 energy savings to program costs to ensure that programs are designed  
434 to obtain energy savings and system benefits, including mitigation of  
435 federally mandated congestion charges, whose value is greater than the  
436 costs of the programs. Program cost-effectiveness shall be reviewed by  
437 the Commissioner of Energy and Environmental Protection annually, or

438 otherwise as is practicable, and shall incorporate the results of the  
439 evaluation process set forth in subdivision (4) of this subsection. If a  
440 program is determined to fail the cost-effectiveness test as part of the  
441 review process, it shall either be modified to meet the test or shall be  
442 terminated, unless it is integral to other programs that in combination  
443 are cost-effective. On or before March 1, 2005, and on or before March  
444 first annually thereafter, the board shall provide a report, in accordance  
445 with the provisions of section 11-4a, to the joint standing committees of  
446 the General Assembly having cognizance of matters relating to energy  
447 and the environment that documents (A) expenditures and fund  
448 balances and evaluates the cost-effectiveness of such programs  
449 conducted in the preceding year, and (B) the extent to and manner in  
450 which the programs of such board collaborated and cooperated with  
451 programs, established under section 7-233y, of municipal electric energy  
452 cooperatives. To maximize the reduction of federally mandated  
453 congestion charges, programs in the plan may allow for  
454 disproportionate allocations between the amount of contributions  
455 pursuant to this section by a certain rate class and the programs that  
456 benefit such a rate class. Before conducting such evaluation, the board  
457 shall consult with the board of directors of the Connecticut Green Bank.  
458 The report shall include a description of the activities undertaken  
459 during the reporting period.

460 (4) The Commissioner of Energy and Environmental Protection shall  
461 adopt an independent, comprehensive program evaluation,  
462 measurement and verification process to ensure the Energy  
463 Conservation Management Board's programs are administered  
464 appropriately and efficiently, comply with statutory requirements,  
465 programs and measures are cost effective, evaluation reports are  
466 accurate and issued in a timely manner, evaluation results are  
467 appropriately and accurately taken into account in program  
468 development and implementation, and information necessary to meet  
469 any third-party evaluation requirements is provided. An annual  
470 schedule and budget for evaluations as determined by the board shall  
471 be included in the plan filed with the commissioner pursuant to

472 subdivision (1) of this subsection. The electric distribution and gas  
473 company representatives and the representative of a municipal electric  
474 energy cooperative may not vote on board plans, budgets,  
475 recommendations, actions or decisions regarding such process or its  
476 program evaluations and their implementation. Program and measure  
477 evaluation, measurement and verification shall be conducted on an  
478 ongoing basis, with emphasis on impact and process evaluations,  
479 programs or measures that have not been studied, and those that  
480 account for a relatively high percentage of program spending.  
481 Evaluations shall use statistically valid monitoring and data collection  
482 techniques appropriate for the programs or measures being evaluated.  
483 All evaluations shall contain a description of any problems encountered  
484 in the process of the evaluation, including, but not limited to, data  
485 collection issues, and recommendations regarding addressing those  
486 problems in future evaluations. The board shall contract with one or  
487 more consultants not affiliated with the board members to act as an  
488 evaluation administrator, advising the board regarding development of  
489 a schedule and plans for evaluations and overseeing the program  
490 evaluation, measurement and verification process on behalf of the  
491 board. Consistent with board processes and approvals and the  
492 Commissioner of Energy and Environmental Protection's decisions  
493 regarding evaluation, such evaluation administrator shall implement  
494 the evaluation process by preparing requests for proposals and selecting  
495 evaluation contractors to perform program and measure evaluations  
496 and by facilitating communications between evaluation contractors and  
497 program administrators to ensure accurate and independent  
498 evaluations. In the evaluation administrator's discretion and at his or  
499 her request, the electric distribution and gas companies shall  
500 communicate with the evaluation administrator for purposes of data  
501 collection, vendor contract administration, and providing necessary  
502 factual information during the course of evaluations. The evaluation  
503 administrator shall bring unresolved administrative issues or problems  
504 that arise during the course of an evaluation to the board for resolution,  
505 but shall have sole authority regarding substantive and implementation  
506 decisions regarding any evaluation. Board members, including electric



507 distribution and gas company representatives, may not communicate  
508 with an evaluation contractor about an ongoing evaluation except with  
509 the express permission of the evaluation administrator, which may only  
510 be granted if the administrator believes the communication will not  
511 compromise the independence of the evaluation. The evaluation  
512 administrator shall file evaluation reports with the board and with the  
513 Commissioner of Energy and Environmental Protection in its most  
514 recent uncontested proceeding pursuant to subdivision (1) of this  
515 subsection and the board shall post a copy of each report on its Internet  
516 web site. The board and its members, including electric distribution and  
517 gas company representatives, may file written comments regarding any  
518 evaluation with the commissioner or for posting on the board's Internet  
519 web site. Within fourteen days of the filing of any evaluation report, the  
520 commissioner, members of the board or other interested persons may  
521 request in writing, and the commissioner shall conduct, a transcribed  
522 technical meeting to review the methodology, results and  
523 recommendations of any evaluation. Participants in any such  
524 transcribed technical meeting shall include the evaluation  
525 administrator, the evaluation contractor and the Office of Consumer  
526 Counsel at its discretion. On or before November 1, 2011, and annually  
527 thereafter, the board shall report to the joint standing committee of the  
528 General Assembly having cognizance of matters relating to energy, with  
529 the results and recommendations of completed program evaluations.

530 (5) Programs included in the plan developed under subdivision (1) of  
531 this subsection may include, but not be limited to: (A) Conservation and  
532 load management programs, including programs that benefit low-  
533 income individuals; (B) research, development and commercialization  
534 of products or processes which are more energy-efficient than those  
535 generally available; (C) development of markets for such products and  
536 processes; (D) support for energy use assessment, real-time monitoring  
537 systems, engineering studies and services related to new construction  
538 or major building renovation; (E) the design, manufacture,  
539 commercialization and purchase of energy-efficient appliances and  
540 heating, air conditioning and lighting devices; (F) program planning

541 and evaluation; (G) indoor air quality programs relating to energy  
542 conservation; (H) joint fuel conservation initiatives programs targeted  
543 at reducing consumption of more than one fuel resource; (I)  
544 conservation of water resources; (J) public education regarding  
545 conservation; and (K) demand-side technology programs  
546 recommended by the Conservation and Load Management Plan.  
547 Support for such programs may be by direct funding, manufacturers'  
548 rebates, sale price and loan subsidies, leases and promotional and  
549 educational activities. The Energy Conservation Management Board  
550 shall periodically review contractors to determine whether they are  
551 qualified to conduct work related to such programs and to ensure that  
552 in making the selection of contractors to deliver programs, a fair and  
553 equitable process is followed. There shall be a rebuttable presumption  
554 that such contractors are deemed technically qualified if certified by the  
555 Building Performance Institute, Inc. or by an organization selected by  
556 the commissioner. The plan shall also provide for expenditures by the  
557 board for the retention of expert consultants and reasonable  
558 administrative costs provided such consultants shall not be employed  
559 by, or have any contractual relationship with, an electric distribution  
560 company or a gas company. Such costs shall not exceed five per cent of  
561 the total cost of the plan.

562 (e) Deleted by P.A. 11-80, S. 33.

563 (f) Not later than December 31, 2006, and not later than December  
564 thirty-first every five years thereafter, the Energy Conservation  
565 Management Board shall, after consulting with the Connecticut Green  
566 Bank, conduct an evaluation of the performance of the programs and  
567 activities specified in the plan approved by the commissioner pursuant  
568 to subsection (d) of this section and submit a report, in accordance with  
569 the provisions of section 11-4a, of the evaluation to the joint standing  
570 committee of the General Assembly having cognizance of matters  
571 relating to energy.

572 (g) Repealed by P.A. 06-186, S. 91.

573        (h) Notwithstanding any other provision of this section, the  
574        Conservation and Load Management Plan developed pursuant to  
575        subsection (d) of this section shall: (1) Provide that forty per cent of  
576        available efficiency funds are devoted to residential programs for low  
577        and moderate income households. Program administrators shall  
578        develop a method to use census block data to identify low and moderate  
579        income households and shall use such method for determining the  
580        eligibility of low and moderate income households for Conservation  
581        and Load Management Plan programs; (2) ensure that conservation and  
582        load management funds are available to all households, irrespective of  
583        the heating fuel used by a household; and (3) establish an annual goal  
584        of completing home weatherization projects equal to ten per cent of the  
585        eligible housing stock.

586        Sec. 5. (NEW) (*Effective October 1, 2020*) (a) There is established an  
587        account to be known as "the state-wide healthy and efficient homes  
588        account", which shall be a separate, nonlapsing account of the General  
589        Fund. The account shall contain any moneys required by law to be  
590        deposited into the account. Any balance remaining in said account at  
591        the end of any fiscal year shall be carried forward in said account for the  
592        fiscal year next succeeding.

593        (b) The moneys in said account shall be expended by the Department  
594        of Energy and Environmental Protection for the purpose of remediating  
595        health and safety barriers to providing energy efficiency and  
596        weatherization services to low and moderate income households.

597        Sec. 6. (NEW) (*Effective October 1, 2020*) (a) There is established within  
598        the Labor Department a Just Transition Office to assist workers and  
599        employers in the transition to a clean energy economy in the state. The  
600        Just Transition Office shall conduct a study on or before January 1, 2021,  
601        and every five years thereafter and shall report the results of the study  
602        to the General Assembly. The study shall identify clean energy growth  
603        areas and sector specific impacts in the transition towards a clean energy  
604        economy and shall include, but not be limited to, the identification of  
605        unmet training and retraining needs for clean energy economy job

606 growth.

607 (b) The Just Transition Office established pursuant to subsection (a)  
608 of this section may: (1) Establish a workforce development, retraining  
609 and apprenticeship program for clean energy jobs. The program shall  
610 provide trainees with the opportunity to obtain real-world clean energy  
611 job experience. The program shall also assist trainees in obtaining  
612 applicable certifications or participating in apprenticeship programs, (2)  
613 establish a workforce development, retraining and apprenticeship  
614 program for clean energy jobs with specific focus on training and  
615 workforce opportunities for disadvantaged communities and segments  
616 of the population that may be underrepresented in the clean energy  
617 workforce, such as veterans, women and formerly incarcerated persons,  
618 as well as individuals of color from low-income and environmental  
619 justice communities, as defined in section 22a-20a of the general statutes.  
620 Trainees in the program shall reside in environmental justice  
621 communities. Training opportunities shall be located in, and trainees  
622 shall be recruited from, the same communities that the program aims to  
623 serve and the program shall provide trainees with the opportunity to  
624 obtain real-world experience. The program shall be designed to assist  
625 trainees so they can obtain applicable certifications or participate in  
626 apprenticeship programs, and (3) propose methods to identify wage  
627 differentials in impacted sectors and for addressing such differentials  
628 for affected workers.

629 Sec. 7. (NEW) (*Effective October 1, 2020*) Any owner or operator of a  
630 fossil fuel fired electric generation facility or any distributor of fossil  
631 fuels that eliminates positions as a result of the changing energy  
632 economy shall provide not less than ninety days' notice prior to any job  
633 loss to its employees and to the Just Transition Office established  
634 pursuant to section 6 of this act.

635 Sec. 8. (NEW) (*Effective October 1, 2020*) When developing any  
636 solicitation to achieve zero-carbon electricity, transportation and  
637 buildings, the commissioner of each relevant agency shall include  
638 requirements for contract commitments in selected bids that require: (1)

639 Payment of not less than the prevailing wage, as described in section 31-  
 640 53 of the general statutes, for laborers, workmen and mechanics  
 641 performing construction activities within the United States with respect  
 642 to the project, and (2) selected bidders to engage in a good faith  
 643 negotiation of a project labor agreement. Any such solicitation shall  
 644 specify the minimum terms that such project labor agreement shall  
 645 address.

646       Sec. 9. (NEW) (*Effective October 1, 2020*) State agencies, authorities and  
 647 entities, in consultation with the Environmental Equity Working Group  
 648 established pursuant to section 22a-200a of the general statutes, as  
 649 amended by this act, shall, to the extent practicable, invest or direct  
 650 available and relevant programmatic resources in a manner designed to  
 651 achieve a goal for disadvantaged communities to receive forty per cent  
 652 of overall benefits of spending on clean energy and energy efficiency  
 653 programs, projects or investments in the areas of housing, workforce  
 654 development, pollution reduction, low income energy assistance,  
 655 energy, transportation and economic development, provided,  
 656 disadvantaged communities shall receive not less than thirty-five per  
 657 cent of the overall benefits of spending on clean energy and energy  
 658 efficiency programs, projects or investments, and this section shall not  
 659 alter funds already contracted or committed as of the effective date of  
 660 October 1, 2020.

This act shall take effect as follows and shall amend the following sections:		
Section 1	<i>October 1, 2020</i>	22a-200a
Sec. 2	<i>October 1, 2020</i>	22a-200b
Sec. 3	<i>October 1, 2020</i>	2-24a
Sec. 4	<i>October 1, 2020</i>	16-245m
Sec. 5	<i>October 1, 2020</i>	New section
Sec. 6	<i>October 1, 2020</i>	New section
Sec. 7	<i>October 1, 2020</i>	New section
Sec. 8	<i>October 1, 2020</i>	New section
Sec. 9	<i>October 1, 2020</i>	New section

**Statement of Purpose:**

To create jobs and transition the state to a clean, renewable energy economy.

*[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.]*