S.230: Energy Development Improvement Act Comparison, Senate with House Office of Legislative Council May 3, 2016

§	AS PASSED SENATE	§	AS PASSED HOUSE	PROPOSAL TO CONCUR (BRAY ET AL.)					
	Designation								
1	Designates the act as the Energy Development Improvement Act	1	Same as Senate	No change					
			Planning Sections						
2	 24 V.S.A. § 4302. Purpose; goals Amends the energy goal of 24 V.S.A. chapter 117 (municipal and regional planning and development) to: Incorporate the existing statutes on greenhouse gas reduction goals, building efficiency goals, renewable energy goals, state energy policy, and the distributed renewable generation and energy transformation categories of the Renewable Energy Standard Require consistency with State energy plans 	2	 24 V.S.A. § 4302. Purpose; goals Amends the energy goal of 24 V.S.A. chapter 117 to state a goal to make efficient use of energy, provide for development of renewable energy, and reduce emissions of greenhouse gases Describes general strategies for achieving these goals, such as building efficiency and renewable generation State that specific strategies are in the State energy plans 	No change					
3	24 V.S.A. § 4345. Optional powers and duties of regional planning commissions Strikes optional powers related to making studies and recommendations on energy conservation and development of renewable energy resources; these optional powers are moved to Sec. 4 as mandatory duties	3	Same as Senate	No change					

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4	 24 V.S.A. § 4345a. Duties of regional planning commissions Clarifies that regional planning commissions (RPC) have the right to appear and participate in proceedings before the Public Service Board (PSB or Board) under 30 V.S.A. § 248 and the duty to do so when requested by the Board Inserts, as mandatory duties, the optional powers deleted in Sec. 3 	4	Same as Senate	No change
5	Deleted.			
6	24 V.S.A. § 4348a. Elements of a regional plan Amends the energy plan element to enable a comprehensive analysis across all energy sectors, a statement of policy on conservation and efficient use of energy and the development and siting of distributed and utility-scale renewable energy resources, and a statement of policy on and identification of potential areas for renewable energy resources and areas inappropriate for siting those resources or categories or sizes of those resources	5	24 V.S.A. § 4348a. Elements of a regional plan Amends the energy plan element to enable an analysis across all energy sectors, a statement of policy on conservation and efficient use of energy and the development and siting of renewable energy resources, and identification of potential areas for renewable energy resources and areas unsuitable for siting those resources or categories or sizes of those resources	No change
7	 24 V.S.A. § 4352. Certification of energy compliance Adds a statute under which regional and municipal plans may obtain a certification of energy compliance Regional plan is certified by the Commissioner of Public Service on finding that the regional plan meets 	6	 24 V.S.A. § 4352. Optional determination of energy compliance; enhanced energy planning Adds a statute under which regional and municipal plans may obtain a determination of energy compliance Regional plan determination is by the Commissioner 	First, second, third and fifth amends. Technical changes: • insert "affirmative" prior to determination where appropriate, e.g., "shall issue an <i>affirmative</i> determination

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§	the statutes, goals, and policies in Sec. 2 If a regional plan is certified, then municipal plan is certified by RPC on finding that the municipal plan meets those statutes, goals, and policies and the implementing provisions of the regional plan In certifying a plan, the Commissioner or RPC must use standards to be developed by the Commissioner under Secs. 9 and 10 Sets out procedures for approving or denying certifications Allows for appeal by RPCs and municipalities of certification decisions to hearing officer under the contested case provisions of the Administrative Procedure Act, with timelines	§	of Public Service If a regional plan is determined energy compliant, then municipal plan can receive determination from RPC To receive affirmative determination: ► Regional plan must have energy element per Sec. 5 ► Municipal plan must have same energy element as required for regional plan and must be	
			➤ Plan must meet standards issued by the Department of Public Service (DPS) in State energy plans for issuing determination of energy compliance	
			 State energy plans must contain: Recommendations for regional and municipal 	
			planning that provide strategies and options to employ in meeting the statutory goals and policies	
			► Standards for issuing energy compliance determination to consist of criteria to ensure consistency with the statutory goals and policies and with the energy plan	

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			 recommendations Sets out process for issuing determinations of energy compliance Allows for RPC appeal of DPS decision to the Natural Resources Board under contested case provisions of the Administrative Procedure Act, with timelines Until July 1, 2018, allows municipalities to seek a determination of energy compliance from DPS if their region has not received a determination; may appeal DPS to Natural Resources board Affirmative determination lasts until plan expires 	
8	24 V.S.A. § 4382. The plan for a municipality Amends the energy plan provision to enable a comprehensive analysis across all energy sectors, a statement of policy on conservation and efficient use of energy and the development and siting of distributed and utility-scale renewable energy resources, and a statement of policy on and identification of potential areas for renewable energy resources and areas inappropriate for siting those resources or categories or sizes of those resources		Senate section struck	No change
9	 30 V.S.A. § 202. Electrical energy planning Requires the 20-year electric plan by DPS to: Include specific recommendations on energy efficiency and renewable generation siting to guide municipal and regional planning commissions in preparing land use plans 	7	 30 V.S.A. § 202. Electrical energy planning Requires the 20-year electric plan by DPS to: Include the recommendations and standards described in Sec. 6 Take into the account the relevant planning goals at 24 V.S.A. § 4302 	No change

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	 Include standards for use in determining whether to certify land use plans under Sec. 7 Take into the account the planning goals at 24 V.S.A. § 4302 Provide municipalities and regions with information on the location and capacity of grid infrastructure In developing the plan, DPS to consult with municipal and regional planning commissions 		 Provide municipalities and regions with information on the location and capacity of grid infrastructure In developing the plan, DPS to consult with municipal and regional planning commissions Date for future issuance of plans changed from every sixth January 1 to every sixth January 15 	
10	 30 V.S.A. § 202b. State comprehensive energy plan Requires Comprehensive Energy Plan issued by DPS to: Include specific recommendations on energy efficiency and renewable generation siting to guide municipal and regional planning commissions in preparing land use plans Include standards for use in determining whether to certify land use plans under Sec. 7 Be consistent with the municipal and regional planning goals at 24 V.S.A. § 4302 	8	 30 V.S.A. § 202b. State comprehensive energy plan Requires Comprehensive Energy Plan issued by DPS to: Include the recommendations and standards described in Sec. 6 Be consistent with the relevant planning goals at 24 V.S.A. § 4302 Date for future issuance of plans changed from every sixth January 1 to every sixth January 15 	No change
11	Initial implementation, certification standards (session law) Directs DPS to adopt the recommendations and standards called for in Secs. 9 and 10 by Oct. 1, 2016 , after a public process; on adoption, considered an appendix to the currently adopted plans	9	Initial implementation; recommendations; standards (session law) Directs DPS to adopt the recommendations and standards called for in Sec. 6 by Nov. 1, 2016 Before issuance, DPS must consult with affected parties and conduct a public process Lists specific elements that standards must address, including analysis of existing energy use	No change

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			 and resources; establishment of targets over time for energy efficiency, and use of renewable energy; pathways and recommendation to achieve these targets; and identification of areas suitable and, if any, unsuitable for siting renewable energy resources Standard to comply with Sec. 6 and be consistent with current energy plans On adoption, considered an appendix to the current plans 	
11a	Training (session law) Requires DPS, in collaboration with the Vermont League of Cities and Towns (VLCT) and Vermont Association of Planning and Development Agencies (VAPDA), to conduct a series of training sessions across the state for municipal and regional planning commissions	10	Same as Senate Sec. 11a with technical changes	Sixth amend. Revises to direct that DPS, VLCT, and VAPDA collaborate on the training sessions, with at least one in the area of each regional planning commission
11b	Planning Support; Allocation of Costs (session law) Requires DPS to disburse, in FY 2017, up to \$300,000.00 to regional planning commissions and municipalities to support implementation of this act; DPS to allocate costs to electric utilities		Senate section struck	 Seventh amend. – adds Sec. 10a Restores Senate provision with modifications: DPS to award \$300,000 to RPCs and municipalities; For training under Sec. 10 or assisting municipalities in implementing act Costs allocated to electric utilities

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	Sections on Siting Process (organized based on House proposal, with corresponding Senate sections on left)						
12, 17a,	Sec. 17a:	11	30 V.S.A. § 248. New gas and electric purchases, investments, and facilities; certificate of public good	Eighth amend.			
20–	30 V.S.A. § 248(a). New gas and electric purchases,		investments, and racinities, certificate of public good	Modifies AAFM right to participate to			
23d	investments and facilities; certificate of public good		Clarifies that CPG is not required for a hydroelectric generation plant that is subject to FERC licensing	incorporate language similar to the Agency of Natural Resources' right to participate			
	Provides an exception to the certificate of public good		jurisdiction				
	(CPG) requirement for a hydroelectric generation facility			Adds, to the information to be provided for			
	that is subject to of the Federal Energy Regulatory		Participation in siting process:	generation over 50 kW, "any other proposed			
	Commission (FERC)		• Provides that Agency of Agriculture, Food and Markets (AAFM) has the right to participate	impacts" to primary agricultural soils			
	Sec. 20:		Clarifies that RPCs have the right to participate	Ninth amend.			
	30 V.S.A. § 248(a)(4). Hearings; notice; parties		• Grants adjacent RPCs and municipalities the right to participate if the facility will be within a distance of 500 feet or 10 times the height of the facility,	Removes proposed requirement for PSB to give due consideration to impacts to primary			
	Amends the subdivision of Section 248 that addresses		whichever is greater	agricultural soil			
	notice, hearings, and parties to the PSB energy siting process to:		Allows a person who has the right to appear and participate to exercise that right by filing a letter	10th amend. – adds Sec. 11a			
	 Require the Agency of Agriculture, Food and Markets (AAFM) to participate if the proceeding concerns an electric generation facility greater than 150 kW to be located on a tract with primary agricultural soils; otherwise, AAFM has the right to appear and participate Clarify that RPCs have the right to appear and participate Grant adjacent RPCs and municipalities the right to participate if the facility will be within 500 feet of their border Allows a person who has the right to appear and 		For generation facilities greater than 50 kW: ► requires that the application include certain information, including the full limits of physical disturbance, the presence and disturbance of primary agricultural soils, and all visible infrastructure ► Does not apply if facility is on new or existing structure built for a purpose other than generating electricity PSB to address standard conditions on the following	Restores language, struck by House, that provides a timeline for rulemaking on postconstruction maintenance of aesthetic mitigation; and on decommissioning • DPS to file petition for rulemaking by Nov. 1, 2016 • PSB to complete rulemaking by Aug. 15, 2017			

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	 participate to exercise that right by filing a letter For generation facilities greater than 15 kW, requires that the application include certain information, including the full limits of physical disturbance, the presence and disturbance of primary agricultural soils, and all visible infrastructure Sec. 12: 30 V.S.A. § 248(b). Criteria 		through rulemaking: • Postconstruction maintenance of aesthetic mitigation • Decommissioning Requires wind generation for which the Federal Aviation Administration (FAA) requires obstruction lighting to use radar-controlled lighting if allowed by the FAA and facility includes four or more wind turbines	
	 Would amend the Section 248 criteria: PSB to apply the land conservation measures and specific policies in municipal or regional plans as follows: ▶ For applications before March 1, 2017, deference unless a preponderance of the evidence shows they are outweighed by a factor affecting the general good of the state ▶ For applications on or after March 1, 2017: ■ If certified, deference unless there is a clear and convincing demonstration that they are outweighed by a factor affecting the general good of the state ■ If not certified, due consideration (as under current law) Requires the PSB to give due consideration to the Act 250 criteria related to primary agricultural soils and productive forest soils and to impacts on forest health and integrity 		For in-state electric generation facility, certificate holder to record notice of the certificate of public good on the land records, using a one-page form prescribed by the PSB Would amend the Section 248 criteria: • Substantial deference to municipal and regional plan provisions if the plan has received an affirmative determination of energy compliance under Sec. 6 • PSB to apply plan provision according to its terms unless there is a clear and convincing demonstration that they are outweighed by a factor affecting the general good of the state • PSB may not consider whether energy compliance determination should have been affirmative • Requires the PSB to give due consideration to impacts to primary agricultural soils	

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	Sec. 21: 30 V.S.A. § 248(f). 45-day preapplication submittal		Requires that the petitioner's application address comments made during the 45-day preapplication process	
	Requires that the petitioner's application address comments made during the 45-day preapplication process Sec. 22:		If a solar generation facility is built on primary agricultural soils, requires soils to remain classified as primary agricultural, with review of any change of use to be as if facility was never built	
	30 V.S.A. § 248(t). Conditions on aesthetics mitigation and decommissioning		House proposal strikes the following from the Senate bill:	
	 PSB to address the following through rulemaking: ensuring that aesthetic mitigation is undertaken and maintained decommissioning plans for in-state generation greater than 150 kW, and the determination of the minimum size facility for which there must be financial assurance for decommissioning Sec. 22a: 		 Deadline for rulemaking on postconstruction aesthetic mitigation issues and decommissioning Life cycle cost analysis of greenhouse gas impacts Requiring DPS to work with owners of existing wind facilities to encourage installing radar-controlled obstruction lights 	
	Rules; Petition (session law)			
	DPS to file petition for rulemaking to implement Sec. 22 by 8/1/16, and PSB to finally adopt these rules by 6/15/17			
	Sec. 23:			
	30 V.S.A. § 248(u). Greenhouse gas impacts; life cycle analysis			

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	Requires that a petition for a CPG under Section 248 include a life cycle analysis of greenhouse gas impacts that the PSB shall consider in making findings. Would not apply to net metering systems.			
	Sec. 23a:			
	30 V.S.A. 248(v). Primary agricultural soils; solar			
	If a solar generation facility is built on primary agricultural soils, requires soils to remain classified as primary agricultural, with review of any change of use to be as if facility was never built			
	Sec. 23b:			
	30 V.S.A. § 248(w). Wind generation; lighting			
	Requires wind generation for which the Federal Aviation Administration (FAA) requires obstruction lighting to use radar-controlled lighting if allowed by the FAA			
	Sec. 23c:			
	Existing wind facilities; radar-controlled lighting (session law)			
	Requires DPS to work with the owner and operator of each existing in-state wind generation facility to encourage the installation of radar-controlled			

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	obstruction lights Sec. 23d: 30 V.S.A. § 248(x). Certificates; recording For in-state electric generation facility, certificate holder to record notice of the certificate of public good on the land records, using a one-page form prescribed by the PSB			
24	Directs the PSB to issue a final order by Oct. 1, 2016 in its pending, non-contested case proceeding on the potential establishment of sound standards for energy facilities For wind generation, expands scope of docket to include PSB's recommendations and implementation plan on: • maximum instantaneous and average audible sound levels • release of sound monitoring data to public • minimum setback for wind turbines • whether to require maximum sound levels for infra sound PSB to provide opportunity to submit information and request a workshop before issuing final decision\	12	Sound standards; wind generation facilities (session law) Directs PSB to issue final rules by Sep. 15, 2017 on sound from wind generation facilities. In developing rules, PSB to consider standards that apply to all such facilities, a methodology for determining sound levels on a case-by-case basis, or a combination thereof. Rules to apply to all applications filed on or after April 15, 2016.	11th amend. Revises deadline to issue rules to July 1, 2017

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	Preferred .	Loca	tions, Standard Offer Pilot, and Net Metering	
13	This section would add a definition, "preferred locations" This section would add a definition of the term "preferred locations" to the renewable energy chapter, to include: • new or existing structures, such as a commercial building or parking lot • previously developed tracts on which a structure or impervious surface exists • brownfields • landfills • disturbed portion of gravel pit or quarry or similar extraction site • specific location designated in a municipal plan • Site on the National Priorities List pursuant to CERCLA (Superfund) • Hydroelectric facility – either a new hydroelectric facility at an existing dam or the redevelopment of an existing hydroelectric facility that is out of service • for net metering systems, additional locations as the PSB may adopt by rule		Senate section struck	No change
15	30 V.S.A. § 8005a. Standard offer program		Senate section struck	12th amend. part 1 – adds Sec. 12a
13	Creates a pilot project within the Standard Offer Program to encourage siting renewable generation facilities in preferred locations, allocating the pilot project to sets of facilities: • Facilities to be located on a preferred location other		Senate section struck	Restores pilot project on preferred locations within standard offer program; makes one year only

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	 than a parking lot or parking lot canopy Facilities to be located on a parking lot or parking lot canopy 			
16	Standard offer pilot; report (session law)		Senate section struck	12th amend. part 2 – adds Sec. 12b
	By 1/15/18, PSB to report to standing committees on the progress of the standard offer pilot authorized by Sec. 15			Restores report on pilot project
17	30 V.S.A. § 8010. Self-generation and net metering	13	30 V.S.A. § 8010. Self-generation and net metering	No change
	PSB to promote siting net metering systems in preferred locations With respect to Section 248 applications for net metering systems exceeding 15 kW, directs the PSB not to waive: Notice to AAFM, ANR, DPS, DHP, the municipal legislative body; and the municipal and regional planning commissions Requirements in Secs. 20–22 on information to be included in the application, preapplication submittals to local and regional bodies, and permit conditions regarding aesthetic mitigation and, for systems greater than 150 kW, decommissioning Clarifies that this section does not confer authority to require a CPG for a hydroelectric generation plant that is subject to FERC licensing jurisdiction		Adds, to existing direction that PSB simplify application and review process, language to include simplifying the process for group net metering systems that are at least 50 percent customer owned With respect to Section 248 applications for net metering systems exceeding, directs the PSB not to waive: • The information required in the application for systems greater than 50 kW, as described in Sec. 11 above • For systems greater than 15 kW: ▶ Notice to AAFM, ANR, DPS, DHP, the municipal legislative body; and the municipal and regional planning commissions ▶ Requirements in Sec. 11 on preapplication submittals to local and regional bodies ▶ Waiver allowed if facility is on new or existing structure built for a purpose other than generating electricity	

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			Provides that, if a hydroelectric plant is subject to FERC jurisdiction, net metering approval is to be obtained through means other than application for a Section 248 CPG	
Public Assistance Officer				
18	 30 V.S.A. § 3. Public Service Board Establishes a Public Assistance Officer (PAO) at the PSB to provide information and assistance to the public about siting cases; states that the PAO will facilitate citizen participation in siting cases, including: providing citizens representing themselves with procedural advice and assistance helping citizens representing themselves obtain files, records, and data conducting educational programs and produce education materials 		Senate section struck	No change
18a	Public Assistance Officer; Report (session law) By 1/1/18, PAO to file report on the implementation of Sec. 18, with an evaluation of its impact on the ability of citizens to participate and recommendations for future action		Senate section struck	No change
19	Appropriation (session law) For FY 17, authorizes \$100,000 for the PAO from the special fund that supports the PSB and DPS; limits PAO position to two years		Senate section struck	No change

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	AAFM Billback Authority					
25	30 V.S.A. § 20. Particular proceedings; personnel		Senate section struck	13th amend.		
	Authorizes AAFM to retain additional experts, legal counsel, and other personnel to assist its participation in Section 248 proceedings			Restores AAFM billback provision Merges AAFM billback language with		
	30 V.S.A. § 21. Particular proceedings; assessment of costs			amendments to same statutes proposed in H.875 (appropriations) in order to reconcile drafting conflicts		
	Authorizes AAFM to allocate the costs of these additional personnel in a Section 248 to the applicant, with an annual report to standing committees on the total amount allocated					
	Alto	ernati	ve Regulation; System Expansion Funds			
26	30 V.S.A. § 218d(d). Alternative regulation		Senate section struck	No change		
	Limits the authority of the PSB to allow ratepayer funds to be set aside for a future expansion or upgrade of the transmission or distribution network of an electric or natural gas utility.					
	Municipal Electric Utilities; Hydro Facilities; Renewable Energy Standard					
26a	30 V.S.A. § 8005(a)(1). Total renewable energy	14	Same as Senate Sec. 26a	No change		
	Allows a municipal electric utility to petition for reduction in the "total renewable energy" requirement of the Renewable Energy Standard for one period of up to three					

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	years if an environmental permit or certification requires reduction in the electric energy generated by a hydroelectric facility owned by the utility			
	A	ccess to	Public Service Board Working Group	
26b	Access to Public Service Board Working Group; report Creates a working group to report by Dec. 15, 2016 on recommendations to increase the ease of citizen participation in PSB proceedings.	15	Same as Senate Sec. 26b	No change
			Effective Dates	1
27	 The act takes effect on July 1, 2016, except that: the effective dates section and Sec. 11 (initial implementation; certification standards) take effect on passage and Sec. 17 (net metering systems) takes effect in January 2017 Secs. 12 (PSB application; municipal and regional plans) and 24 (sound standards docket) take effect on passage Secs. 22a (rules; petition), 23b (wind generation; obstruction lighting), 23c (existing facilities; obstruction lighting), and 26b (Access to Public Service Board Working Group) take effect on passage. Delays the effective date of a requirement, in Sec. 18, to post PSB documents online until July 1, 2017 	16	 The act takes effect on July 1, 2016, except that: The effective dates section and Secs. 9 (initial implementation; recommendations; standards), 11 (30 V.S.A. § 248), 12 (sound standards; wind generation) and 15 (Access to Public Service Board Working Group) take effect on passage. Sec. 13 (net metering systems) takes effect in January 2017 	 14th amend. The act takes effect on July 1, 2016, except that: The effective dates section and Secs. 9 (initial implementation; recommendations; standards), 11 (30 V.S.A. § 248), 11a (rules; petition), 12 (sound standards; wind generation) and 15 (Access to Public Service Board Working Group) take effect on passage. Sec. 13 (net metering systems) takes effect in January 2017 Sec. 15a (billback provisions) takes effect on July 2, 2016