

**2SHB 1095 - S COMM AMD**

By Committee on Energy, Environment & Telecommunications

1 Strike everything after the enacting clause and insert the  
2 following:

3 "NEW SECTION. **Sec. 1.** The legislature finds that it is in the  
4 public interest to encourage and foster the development of a thermal  
5 standard and to encourage combined heat and power (cogeneration)  
6 systems throughout the state. Combined heat and power systems can  
7 help the state achieve energy independence and comply with new  
8 federal electric energy emission efficiency standards by generating  
9 both electric power and useful thermal energy from a single fuel  
10 source, thereby increasing energy efficiency and decreasing grid-  
11 based emissions. It is the intent of the legislature to promote the  
12 deployment of combined heat and power by requiring consideration of  
13 combined heat and power systems in the construction of new critical  
14 governmental facilities, incorporating reports on combined heat and  
15 power facilities in integrated resource plans, and streamlining the  
16 process by which combined heat and power facilities obtain permits.

17 **Sec. 2.** RCW 39.35.010 and 2001 c 214 s 15 are each amended to  
18 read as follows:

19 The legislature hereby finds:

20 (1) That major publicly owned or leased facilities have a  
21 significant impact on our state's consumption of energy;

22 (2) That energy conservation practices including energy  
23 management systems, combined heat and power systems, and renewable  
24 energy systems adopted for the design, construction, and utilization  
25 of such facilities will have a beneficial effect on our overall  
26 supply of energy;

27 (3) That the beneficial effect of the electric output from  
28 combined heat and power systems includes both energy and capacity  
29 value;

30 (4) That the cost of the energy consumed by such facilities over  
31 the life of the facilities shall be considered in addition to the  
32 initial cost of constructing such facilities;

1       (~~(4)~~) (5) That the cost of energy is significant and major  
2 facility designs shall be based on the total life-cycle cost,  
3 including the initial construction cost, and the cost, over the  
4 economic life of a major facility, of the energy consumed, and of the  
5 operation and maintenance of a major facility as they affect energy  
6 consumption; and

7       (~~(5)~~) (6) That the use of energy systems in these facilities  
8 which utilize combined heat and power or renewable resources such as  
9 solar energy, wood or wood waste, or other nonconventional fuels, and  
10 which incorporate energy management systems, shall be considered in  
11 the design of all publicly owned or leased facilities.

12       **Sec. 3.** RCW 39.35.020 and 1982 c 159 s 2 are each amended to  
13 read as follows:

14       The legislature declares that it is the public policy of this  
15 state to (~~insure~~) ensure that energy conservation practices and  
16 renewable energy systems are employed in the design of major publicly  
17 owned or leased facilities and that the use of at least one renewable  
18 energy or combined heat and power system is considered. To this end  
19 the legislature authorizes and directs that public agencies analyze  
20 the cost of energy consumption of each major facility and each  
21 critical governmental facility to be planned and constructed or  
22 renovated after September 8, 1975.

23       **Sec. 4.** RCW 39.35.030 and 2011 1st sp.s. c 43 s 247 are each  
24 reenacted and amended to read as follows:

25       For the purposes of this chapter the following words and phrases  
26 shall have the following meanings unless the context clearly requires  
27 otherwise:

28       (1) (~~"Cogeneration"~~) "Combined heat and power" means the  
29 sequential generation of (~~two or more forms of energy from a common~~  
30 ~~fuel or energy source. Where these forms are electricity and thermal~~  
31 ~~energy, then the operating and efficiency standards established by 18~~  
32 ~~C.F.R. Sec. 292.205 and the definitions established by 18 C.F.R.~~  
33 ~~292.202 (c) through (m) as of July 28, 1991, shall apply~~)  
34 electricity and useful thermal energy from a common fuel source  
35 where, under normal operating conditions, the facility has a useful  
36 thermal energy output of no less than thirty-three percent of the  
37 total energy output.

1       (2) "Critical governmental facility" means a building or district  
2 energy system owned by the state or a political subdivision of the  
3 state that is expected to:

4       (a) Be continuously occupied;

5       (b) Maintain operations for at least six thousand hours each  
6 year;

7       (c) Have a peak electricity demand exceeding five hundred  
8 kilowatts; and

9       (d) Serve a critical public health or public safety function  
10 during a natural disaster or other emergency situation that may  
11 result in a widespread power outage, including a:

12       (i) Command and control center;

13       (ii) Shelter;

14       (iii) Prison or jail;

15       (iv) Police or fire station;

16       (v) Communications or data center;

17       (vi) Water or wastewater treatment facility;

18       (vii) Hazardous waste storage facility;

19       (viii) Biological research facility;

20       (ix) Hospital; or

21       (x) Food preparation or food storage facility.

22       (3) "Department" means the state department of enterprise  
23 services.

24       (~~(3)~~) (4) "Design standards" means the heating, air-  
25 conditioning, ventilating, and renewable resource systems identified,  
26 analyzed, and recommended by the department as providing an efficient  
27 energy system or systems based on the economic life of the selected  
28 buildings.

29       (~~(4)~~) (5) "Economic life" means the projected or anticipated  
30 useful life of a major facility as expressed by a term of years.

31       (~~(5)~~) (6) "Energy management system" means a program, energy  
32 efficiency equipment, technology, device, or other measure including,  
33 but not limited to, a management, educational, or promotional  
34 program, smart appliance, meter reading system that provides energy  
35 information capability, computer software or hardware, communications  
36 equipment or hardware, thermostat or other control equipment,  
37 together with related administrative or operational programs, that  
38 allows identification and management of opportunities for improvement  
39 in the efficiency of energy use, including but not limited to a  
40 measure that allows:

1 (a) Energy consumers to obtain information about their energy  
2 usage and the cost of energy in connection with their usage;

3 (b) Interactive communication between energy consumers and their  
4 energy suppliers;

5 (c) Energy consumers to respond to energy price signals and to  
6 manage their purchase and use of energy; or

7 (d) For other kinds of dynamic, demand-side energy management.

8 ~~((+6))~~ (7) "Energy systems" means all utilities, including, but  
9 not limited to, heating, air-conditioning, ventilating, lighting, and  
10 the supplying of domestic hot water.

11 ~~((+7))~~ (8) "Energy-consumption analysis" means the evaluation of  
12 all energy systems and components by demand and type of energy  
13 including the internal energy load imposed on a major facility or a  
14 critical governmental facility by its occupants, equipment, and  
15 components, and the external energy load imposed on a major facility  
16 or a critical governmental facility by the climatic conditions of its  
17 location. An energy-consumption analysis of the operation of energy  
18 systems of a major facility or a critical governmental facility shall  
19 include, but not be limited to, the following elements:

20 (a) The comparison of three or more system alternatives, at least  
21 one of which shall include renewable energy systems, and one of which  
22 shall comply at a minimum with the sustainable design guidelines of  
23 the United States green building council leadership in energy and  
24 environmental design silver standard or similar design standard as  
25 may be adopted by rule by the department;

26 (b) The simulation of each system over the entire range of  
27 operation of such facility for a year's operating period; ~~((and))~~

28 (c) The evaluation of the energy consumption of component  
29 equipment in each system considering the operation of such components  
30 at other than full or rated outputs;

31 (d) The identification and analysis of critical loads for each  
32 energy system; and

33 (e) For a critical governmental facility, a combined heat and  
34 power system feasibility assessment, including but not limited to an  
35 evaluation of whether equipping the facility with a combined heat and  
36 power system would result in expected energy savings in excess of the  
37 expected costs of purchasing, operating, and maintaining the system  
38 over a fifteen-year period.

1 The energy-consumption analysis shall be prepared by a  
2 professional engineer or licensed architect who may use computers or  
3 such other methods as are capable of producing predictable results.

4 ~~((8))~~ (9) "Initial cost" means the moneys required for the  
5 capital construction or renovation of a major facility.

6 ~~((9))~~ (10) "Life-cycle cost" means the initial cost and cost of  
7 operation of a major facility or a critical governmental facility  
8 over its economic life. This shall be calculated as the initial cost  
9 plus the operation, maintenance, and energy costs over its economic  
10 life, reflecting anticipated increases in these costs discounted to  
11 present value at the current rate for borrowing public funds, as  
12 determined by the office of financial management. The energy cost  
13 projections used shall be those provided by the department. The  
14 department shall update these projections at least every two years.

15 ~~((10))~~ (11) "Life-cycle cost analysis" includes, but is not  
16 limited to, the following elements:

17 (a) The coordination and positioning of a major facility or a  
18 critical governmental facility on its physical site;

19 (b) The amount and type of fenestration employed in a major  
20 facility or a critical governmental facility;

21 (c) The amount of insulation incorporated into the design of a  
22 major facility or a critical governmental facility;

23 (d) The variable occupancy and operating conditions of a major  
24 facility or a critical governmental facility; and

25 (e) An energy-consumption analysis of a major facility or a  
26 critical governmental facility.

27 ~~((11))~~ (12) "Major facility" means any publicly owned or leased  
28 building having twenty-five thousand square feet or more of usable  
29 floor space.

30 ~~((12))~~ (13) "Public agency" means every state office, officer,  
31 board, commission, committee, bureau, department, and all political  
32 subdivisions of the state.

33 ~~((13))~~ (14) "Renewable energy systems" means methods of  
34 facility design and construction and types of equipment for the  
35 utilization of renewable energy sources including, but not limited  
36 to, hydroelectric power, active or passive solar space heating or  
37 cooling, domestic solar water heating, windmills, waste heat, biomass  
38 and/or refuse-derived fuels, photovoltaic devices, and geothermal  
39 energy.

1       (~~(14)~~) (15) "Renovation" means additions, alterations, or  
2 repairs within any twelve-month period which exceed fifty percent of  
3 the value of a major facility or a critical governmental facility and  
4 which will affect any energy system.

5       (~~(15)~~) (16) "Selected buildings" means educational, office,  
6 residential care, and correctional facilities that are designed to  
7 comply with the design standards analyzed and recommended by the  
8 department.

9       **Sec. 5.** RCW 39.35.040 and 1994 c 242 s 2 are each amended to  
10 read as follows:

11       Whenever a public agency determines that any major facility or a  
12 critical governmental facility is to be constructed or renovated,  
13 such agency shall cause to be included in the design phase of such  
14 construction or renovation a provision that requires a life-cycle  
15 cost analysis conforming with the guidelines developed in RCW  
16 39.35.050 to be prepared for such facility. Such analysis shall be  
17 approved by the agency prior to the commencement of actual  
18 construction or renovation. A public agency may accept the facility  
19 design if the agency is satisfied that the life-cycle cost analysis  
20 provides for an efficient energy system or systems based on the  
21 economic life of the (~~major~~) facility.

22       Nothing in this section prohibits the construction or renovation  
23 of major facilities (~~which~~) or critical governmental facilities  
24 that utilize renewable energy or combined heat and power systems.

25       NEW SECTION. **Sec. 6.** A new section is added to chapter 19.280  
26 RCW to read as follows:

27       (1) The legislature finds that combined heat and power systems  
28 provide both energy and capacity resources. Failure to value the  
29 electric output of combined heat and power systems as both an energy  
30 and a capacity resource results in a failure to account for the total  
31 benefits of that output in its posted price.

32       (2) Electric utilities with over twenty-five thousand customers  
33 in the state of Washington must value combined heat and power as  
34 having both energy and capacity value by December 31, 2016, for the  
35 purposes of setting the value of power under the federal public  
36 utility regulatory policies act, establishing rates for power  
37 purchase agreements, and integrated resource planning.

1        NEW SECTION.    **Sec. 7.**    A new section is added to chapter 19.280  
2    RCW to read as follows:

3        (1) Beginning December 31, 2016, electric utilities with over  
4    twenty-five thousand customers in the state of Washington must offer  
5    a minimum term of fifteen years for new power purchase agreements for  
6    the electric output of combined heat and power systems, unless a  
7    lesser number of years is mutually agreed to by both parties. Power  
8    purchase agreements for the electric output of combined heat and  
9    power systems must reflect both the energy and capacity value of that  
10   output. Parties in a power purchase agreement that is established  
11   before December 31, 2016, are not required to renegotiate the terms  
12   of that agreement.

13       (2) The commission may authorize recovery of the actual cost of  
14   fuel incurred by an electrical company under a power purchase  
15   agreement for the electric output of a combined heat and power  
16   system.

17       (3) The governing body of a consumer-owned utility that offers a  
18   fifteen-year minimum term for a power purchase agreement for the  
19   electric output of a combined heat and power system may, every five  
20   years after signing the agreement, initiate a fuel cost adjustment  
21   process in order to recover the actual cost of fuel incurred by the  
22   consumer-owned utility under a power purchase agreement under this  
23   section.

24       **Sec. 8.**    RCW 19.280.020 and 2013 c 149 s 2 are each reenacted and  
25   amended to read as follows:

26       The definitions in this section apply throughout this chapter  
27   unless the context clearly requires otherwise.

28       (1) "Commission" means the utilities and transportation  
29   commission.

30       (2) "Conservation and efficiency resources" means any reduction  
31   in electric power consumption that results from increases in the  
32   efficiency of energy use, production, transmission, or distribution.

33       (3) "Consumer-owned utility" includes a municipal electric  
34   utility formed under Title 35 RCW, a public utility district formed  
35   under Title 54 RCW, an irrigation district formed under chapter 87.03  
36   RCW, a cooperative formed under chapter 23.86 RCW, a mutual  
37   corporation or association formed under chapter 24.06 RCW, a port  
38   district formed under Title 53 RCW, or a water-sewer district formed

1 under Title 57 RCW, that is engaged in the business of distributing  
2 electricity to one or more retail electric customers in the state.

3 (4) "Department" means the department of commerce.

4 (5) "Electric utility" means a consumer-owned or investor-owned  
5 utility.

6 (6) "Full requirements customer" means an electric utility that  
7 relies on the Bonneville power administration for all power needed to  
8 supply its total load requirement other than that served by  
9 nondispatchable generating resources totaling no more than six  
10 megawatts or renewable resources.

11 (7) "Governing body" means the elected board of directors, city  
12 council, commissioners, or board of any consumer-owned utility.

13 (8) (~~"High efficiency cogeneration"~~) "Combined heat and power"  
14 means the sequential production of electricity and useful thermal  
15 energy from a common fuel source((~~r~~)) where, under normal operating  
16 conditions, the facility has a useful thermal energy output of no  
17 less than thirty-three percent of the total energy output.

18 (9) "Integrated resource plan" means an analysis describing the  
19 mix of generating resources, conservation, methods, technologies, and  
20 resources to integrate renewable resources and, where applicable,  
21 address overgeneration events, and efficiency resources that will  
22 meet current and projected needs at the lowest reasonable cost to the  
23 utility and its ratepayers and that complies with the requirements  
24 specified in RCW 19.280.030(1).

25 (10) "Investor-owned utility" means a corporation owned by  
26 investors that meets the definition in RCW 80.04.010 and is engaged  
27 in distributing electricity to more than one retail electric customer  
28 in the state.

29 (11) "Lowest reasonable cost" means the lowest cost mix of  
30 generating resources and conservation and efficiency resources  
31 determined through a detailed and consistent analysis of a wide range  
32 of commercially available resources. At a minimum, this analysis must  
33 consider resource cost, market-volatility risks, demand-side resource  
34 uncertainties, resource dispatchability, resource effect on system  
35 operation, the risks imposed on the utility and its ratepayers,  
36 public policies regarding resource preference adopted by Washington  
37 state or the federal government, and the cost of risks associated  
38 with environmental effects including emissions of carbon dioxide.

39 (12) "Overgeneration event" means an event within an operating  
40 period of a balancing authority when the electricity supply,



1 including generation from intermittent renewable resources, exceeds  
2 the demand for electricity for that utility's energy delivery  
3 obligations and when there is a negatively priced regional market.

4 (13) "Plan" means either an "integrated resource plan" or a  
5 "resource plan."

6 (14) "Renewable resources" means electricity generation  
7 facilities fueled by: (a) Water; (b) wind; (c) solar energy; (d)  
8 geothermal energy; (e) landfill gas; (f) biomass energy utilizing  
9 animal waste, solid or liquid organic fuels from wood, forest, or  
10 field residues or dedicated energy crops that do not include wood  
11 pieces that have been treated with chemical preservatives such as  
12 creosote, pentachlorophenol, or copper-chrome-arsenic; (g) by-  
13 products of pulping or wood manufacturing processes, including but  
14 not limited to bark, wood chips, sawdust, and lignin in spent pulping  
15 liquors; (h) ocean thermal, wave, or tidal power; or (i) gas from  
16 sewage treatment facilities.

17 (15) "Resource plan" means an assessment that estimates  
18 electricity loads and resources over a defined period of time and  
19 complies with the requirements in RCW 19.280.030(2).

20 **Sec. 9.** RCW 19.280.030 and 2013 c 149 s 3 are each amended to  
21 read as follows:

22 Each electric utility must develop a plan consistent with this  
23 section.

24 (1) Utilities with more than twenty-five thousand customers that  
25 are not full requirements customers shall develop or update an  
26 integrated resource plan by September 1, 2008. At a minimum, progress  
27 reports reflecting changing conditions and the progress of the  
28 integrated resource plan must be produced every two years thereafter.  
29 An updated integrated resource plan must be developed at least every  
30 four years subsequent to the 2008 integrated resource plan. The  
31 integrated resource plan, at a minimum, must include:

32 (a) A range of forecasts, for at least the next ten years or  
33 longer, of projected customer demand which takes into account  
34 econometric data and customer usage;

35 (b) An assessment of commercially available conservation and  
36 efficiency resources. Such assessment may include, as appropriate,  
37 ~~((high efficiency cogeneration))~~ opportunities for development of  
38 combined heat and power as an energy and capacity resource, demand  
39 response and load management programs, and currently employed and new

1 policies and programs needed to obtain the conservation and  
2 efficiency resources;

3 (c) An assessment of commercially available, utility scale  
4 renewable and nonrenewable generating technologies including a  
5 comparison of the benefits and risks of purchasing power or building  
6 new resources;

7 (d) A comparative evaluation of renewable and nonrenewable  
8 generating resources, including transmission and distribution  
9 delivery costs, and conservation and efficiency resources using  
10 "lowest reasonable cost" as a criterion;

11 (e) An assessment of methods, commercially available  
12 technologies, or facilities for integrating renewable resources, and  
13 addressing overgeneration events, if applicable to the utility's  
14 resource portfolio;

15 (f) The integration of the demand forecasts and resource  
16 evaluations into a long-range assessment describing the mix of supply  
17 side generating resources and conservation and efficiency resources  
18 that will meet current and projected needs, including mitigating  
19 overgeneration events, at the lowest reasonable cost and risk to the  
20 utility and its ratepayers; and

21 (g) A short-term plan identifying the specific actions to be  
22 taken by the utility consistent with the long-range integrated  
23 resource plan.

24 (2) All other utilities may elect to develop a full integrated  
25 resource plan as set forth in subsection (1) of this section or, at a  
26 minimum, shall develop a resource plan that:

27 (a) Estimates loads for the next five and ten years;

28 (b) Enumerates the resources that will be maintained and/or  
29 acquired to serve those loads; and

30 (c) Explains why the resources in (b) of this subsection were  
31 chosen and, if the resources chosen are not: (i) Renewable resources;  
32 (ii) methods, commercially available technologies, or facilities for  
33 integrating renewable resources, including addressing any  
34 overgeneration event; or (iii) conservation and efficiency resources,  
35 why such a decision was made.

36 (3) Assessments for demand side resources included in an  
37 integrated resource plan may include combined heat and power systems  
38 as one of the measures in a conservation supply curve. The value of  
39 recoverable waste heat resulting from combined heat and power must be  
40 reflected in analyses of cost-effectiveness under this subsection.

1       (4) An electric utility that is required to develop a resource  
2 plan under this section must complete its initial plan by September  
3 1, 2008.

4       (~~(4)~~) (5) Resource plans developed under this section must be  
5 updated on a regular basis, at a minimum on intervals of two years.

6       (~~(5)~~) (6) Plans shall not be a basis to bring legal action  
7 against electric utilities.

8       (~~(6)~~) (7) Each electric utility shall publish its final plan  
9 either as part of an annual report or as a separate document  
10 available to the public. The report may be in an electronic form.

11       **Sec. 10.** RCW 19.280.060 and 2013 c 149 s 4 are each amended to  
12 read as follows:

13       The department shall review the plans of consumer-owned utilities  
14 and investor-owned utilities, and data available from other state,  
15 regional, and national sources, and prepare an electronic report to  
16 the legislature aggregating the data and assessing the overall  
17 adequacy of Washington's electricity supply. The report shall include  
18 a statewide summary of utility load forecasts, load/resource balance,  
19 and utility plans for the development of thermal generation,  
20 renewable resources, conservation and efficiency resources, and an  
21 examination of assessment methods used by utilities to address  
22 overgeneration events. The commission shall provide the department  
23 with data summarizing the plans of investor-owned utilities for use  
24 in the department's statewide summary. The department shall submit  
25 any reports it receives of existing and potential combined heat and  
26 power facilities as reported by utilities to the Washington State  
27 University extension energy program for analysis. The department may  
28 submit its report within the biennial report required under RCW  
29 43.21F.045.

30       NEW SECTION. **Sec. 11.** A new section is added to chapter 19.280  
31 RCW to read as follows:

32       The Washington State University extension energy program may  
33 electronically submit an annual report to the appropriate legislative  
34 committees on the planned and completed combined heat and power  
35 facilities in the state, including but not limited to the following  
36 information: Number, size, and customer base of combined heat and  
37 power installations in the state; projects that have been publicly

1 considered but have not been developed; and recommendations to  
2 further attain the goal of improving thermal energy efficiency.

3 **Sec. 12.** RCW 80.04.550 and 1996 c 33 s 2 are each amended to  
4 read as follows:

5 (1) It is the intent of the legislature to exempt from commission  
6 regulation thermal energy services provided by thermal energy  
7 companies and combined heat and power facilities that are not  
8 otherwise regulated under this title. Nothing in this section shall  
9 prevent the commission from issuing or enforcing any order affecting  
10 combined heat and power facilities owned or operated by an electrical  
11 company that are subsidized by a regulated service.

12 (2) Nothing in this title shall authorize the commission to make  
13 or enforce any order affecting rates, tolls, rentals, contracts or  
14 charges for service rendered, or the adequacy or sufficiency of the  
15 facilities, equipment, instrumentalities, or buildings, or the  
16 reasonableness of rules or regulations made, furnished, used,  
17 supplied, or in force affecting any (~~district~~) thermal energy  
18 system owned and operated by any thermal energy company or by a  
19 combined heat and power facility engaged in thermal energy services.

20 (~~(2)~~) (3) For the purposes of this section:

21 (a) "Thermal energy company" means any private person, company,  
22 association, partnership, joint venture, or corporation engaged in or  
23 proposing to engage in developing, producing, transmitting,  
24 distributing, delivering, furnishing, or selling to or for the public  
25 thermal energy services for any beneficial use other than electricity  
26 generation;

27 (b) (~~District~~) Thermal energy system" means any system that  
28 provides thermal energy for space heating, space cooling, or process  
29 uses from a central plant or combined heat and power facility, and  
30 that distributes the thermal energy to two or more buildings through  
31 a network of pipes;

32 (c) "Thermal energy" means heat or cold in the form of steam,  
33 heated or chilled water, or any other heated or chilled fluid or  
34 gaseous medium; and

35 (d) "Thermal energy services" means the provision of thermal  
36 energy from a (~~district~~) thermal energy system and includes such  
37 ancillary services as energy audits, metering, billing, maintenance,  
38 and repairs related to thermal energy.

1        NEW SECTION.    **Sec. 13.**    A new section is added to chapter 70.94

2    RCW to read as follows:

3        (1) It is the intent of the legislature for a general permit or  
4    permit by rule adopted by the department under this section to  
5    streamline the permitting process for a stationary natural gas engine  
6    used in a combined heat and power system. It is the further intent of  
7    the legislature that a general permit or permit by rule be adopted  
8    and implemented as the permitting mechanism for the new construction  
9    of a combined heat and power system.

10       (2) The definitions in this subsection apply throughout this  
11    section unless the context clearly requires otherwise.

12       (a) "Natural gas" includes: Naturally occurring mixtures of  
13    hydrocarbon gases and vapors consisting principally of methane,  
14    whether in gaseous or liquid form; and biogas derived from landfills,  
15    wastewater treatment facilities, anaerobic digesters, and other  
16    sources of organic decomposition that have been purified to meet  
17    standards for natural gas derived from fossil fuel sources.

18       (b) "Stationary natural gas engine" includes any stationary,  
19    natural gas internal combustion engine, whether it is an internal  
20    combustion reciprocating engine or a gas turbine. The term does not  
21    include a natural gas engine that powers a motor vehicle or other  
22    mobile source.

23       (3) This section applies only to a stationary natural gas engine  
24    used in a combined heat and power system.

25       (4) The department shall issue a general permit or permit by rule  
26    for new stationary natural gas engines used in a combined heat and  
27    power system that establishes emission limits for air contaminants  
28    released by the engines.

29       (5) In adopting a general permit or permit by rule under this  
30    section, the department may consider:

31       (a) The geographic location in which a stationary natural gas  
32    engine may be used, including the proximity to an area designated as  
33    a nonattainment area;

34       (b) The total annual operating hours of a stationary natural gas  
35    engine;

36       (c) The technology used by a stationary natural gas engine;

37       (d) Whether the stationary natural gas engine will be a major  
38    stationary source or part of a new or modified major stationary  
39    source as those terms are utilized in Title I of the federal clean  
40    air act; and

1 (e) Other relevant emission control or clean air policies of the  
2 state.

3 (6) In addition to emission limits required by federal and state  
4 laws, the department must provide for the emission limits for  
5 stationary natural gas engines subject to this section to be measured  
6 in terms of air contaminant emissions per United States environmental  
7 protection agency unit of energy output. The department shall  
8 consider both the primary and secondary functions when determining  
9 the engine's emissions per unit of energy output.

10 NEW SECTION. **Sec. 14.** A new section is added to chapter 70.94  
11 RCW to read as follows:

12 (1) An owner or operator of an industrial, commercial, or  
13 institutional boiler or process heater required to complete an energy  
14 assessment under 40 C.F.R. Part 63 subpart DDDDD shall:

15 (a) By January 31, 2016, submit nonproprietary information  
16 reported in the energy assessment electronically to the department or  
17 air pollution control authority that issues the air operating permit  
18 for the source, following completion of the assessment; and

19 (b) By January 1, 2017, submit a report electronically to the  
20 Washington State University extension energy program that identifies,  
21 if applicable, the economic, technical, and other barriers to  
22 implementing thermal efficiency opportunities identified in the  
23 energy assessment.

24 (2) An owner or operator of an industrial, commercial, or  
25 institutional boiler or process heater who has not completed an  
26 energy assessment under 40 C.F.R. Part 63 subpart DDDDD must request  
27 a free combined heat and power site qualification screening from the  
28 United States department of energy.

29 (3) The requirements established in this section shall not apply  
30 to an owner or operator of an industrial, commercial, or  
31 institutional boiler or process heater if the owner or operator is  
32 not required to complete an energy assessment under 40 C.F.R. Part 63  
33 subpart DDDDD as it existed on the effective date of this section."

**2SHB 1095** - S COMM AMD

By Committee on Energy, Environment & Telecommunications

34 On page 1, line 1 of the title, after "efficiency;" strike the  
35 remainder of the title and insert "amending RCW 39.35.010, 39.35.020,

1 39.35.040, 19.280.030, 19.280.060, and 80.04.550; reenacting and  
2 amending RCW 39.35.030 and 19.280.020; adding new sections to chapter  
3 19.280 RCW; adding new sections to chapter 70.94 RCW; and creating a  
4 new section."

--- END ---