

AMENDMENT

#1

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 3, lines 20 - 21:

2 Delete "that is subject to the standards of an electric reliability organization under
3 AS 42.05.760"

4

5 Page 5, lines 3 - 4:

6 Delete "subject to the standards of an electric reliability organization under
7 AS 42.05.760"

AMENDMENT

#2

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 4, following line 3:

2 Insert a new subsection to read:

3 "(d) A load-serving entity may not recover costs to comply with the renewable
4 portfolio standard by increasing customer rates or imposing additional surcharges or
5 other charges on customers."
6

7 Page 5, lines 27 - 28:

8 Delete "shall itemize the effect of a noncompliance fine on the entity's monthly
9 customer bills"

10 Insert "may not increase customer rates or impose additional surcharges or other
11 charges on customers to satisfy a noncompliance remittance requirement"

AMENDMENT

#3

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

- 1 Page 3, line 22:
- 2 Delete ", adjusted according to AS 42.05.905(a) and (b),"
- 3
- 4 Page 4, lines 1 - 2:
- 5 Delete ", adjusted according to AS 42.05.905(a) and (b),"
- 6
- 7 Page 4, line 4, through page 4, line 23:
- 8 Delete all material.
- 9
- 10 Page 4, line 24:
- 11 Delete "(c)"
- 12 Insert "**Sec. 42.05.905. Compliance options. (a)**"
- 13
- 14 Reletter the following subsection accordingly.
- 15
- 16 Page 5, line 6:
- 17 Delete ", adjusted according to AS 42.05.905(a) and (b),"
- 18
- 19 Page 7, lines 22 - 23:
- 20 Delete ", adjusted according to AS 42.05.905(a) and (b),"

AMENDMENT

#4

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 3, line 21, following "include":

2 Insert "sales of"

3

4 Page 5, line 5, following "electricity":

5 Insert "sold that is"

6

7 Page 7, line 20, following "of":

8 Insert "sales of"

AMENDMENT

#5

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 7, line 19, following "Exemptions.":

2 Insert "(a)"

3

4 Page 7, following line 24:

5 Insert a new subsection to read:

6 "(b) A load-serving entity may petition the commission for an exemption from
7 compliance with the renewable portfolio standard if the load-serving entity's costs to
8 comply with the renewable portfolio standard increase the load-serving entity's
9 residential customer rates by more than 2.5 percent."

AMENDMENT

#6

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 5, following line 2:

2 Insert a new subsection to read:

3 "(e) A load-serving entity satisfies the renewable portfolio standard if the
4 load-serving entity receives natural gas through a gas pipeline that originates from the
5 area of the state lying north of 68 degrees North latitude, even if the load-serving
6 entity's portfolio does not have the percentage of electricity required to be generated
7 from renewable energy resources under the renewable portfolio standard."

AMENDMENT

#1

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 7, following line 18:

2 Insert a new subsection to read:

3 "(h) A load-serving entity that is an electric cooperative is not subject to
4 noncompliance remittance requirements unless a majority vote of the total
5 membership of the electric cooperative authorizes remittances related to the renewable
6 portfolio standard. A load-serving entity that is owned by a municipality is not subject
7 to noncompliance remittance requirements unless a majority of the voters in the
8 municipality authorize remittances related to the renewable portfolio standard."

AMENDMENT

#8

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 4, following line 3:

2 Insert a new subsection to read:

3 "(d) A load-serving entity may not construct an electricity generation facility that
4 facilitates the load-serving entity's compliance with the renewable portfolio standard unless
5 the commission determines that the facility is the lowest-cost option available to the load-
6 serving entity."

AMENDMENT

#9

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 3, lines 21 - 22:

2 Delete "electricity generated from renewable energy resources"

3 Insert "renewable electricity"

4

5 Page 5, lines 5 - 6:

6 Delete "electricity generated from renewable energy resources"

7 Insert "renewable electricity"

8

9 Page 7, lines 20 - 21:

10 Delete "electricity generated from renewable energy resources"

11 Insert "renewable electricity"

12

13 Page 8, line 7, following "resources":

14 Insert "where net life cycle greenhouse gas emissions are neutral or negative, as
15 verified by the Department of Environmental Conservation"

AMENDMENT

#10

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 1, following line 3:

2 Insert a new bill section to read:

3 "** **Section 1.** The uncoded law of the State of Alaska is amended by adding a new section
4 to read:

5 LEGISLATIVE INTENT. It is the intent of the legislature that implementation of the
6 renewable portfolio standard under AS 42.05.900 not result in undue economic harm to
7 ratepayers or compromise energy reliability."

8

9 Page 1, line 4:

10 Delete "**Section 1**"

11 Insert "**Sec. 2**"

12

13 Renumber the following bill sections accordingly.

AMENDMENT

#11

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 1, line 1:

2 Delete "**electricity from renewable energy resources**"

3 Insert "**clean energy**"

4

5 Page 1, line 2:

6 Delete "**renewable portfolio**"

7 Insert "**clean energy**"

8

9 Page 2, line 2:

10 Delete "**renewable portfolio**"

11 Insert "**clean energy**"

12

13 Page 2, line 16:

14 Delete "**renewable portfolio**"

15 Insert "**clean energy**"

16

17 Page 2, line 22, following "**a**":

18 Insert "**clean energy resource or a**"

19

20 Page 2, line 23, following "**resource**":

21 Insert " ,"

22

23 Page 2, line 23:

1 Delete "**renewable portfolio**"

2 Insert "**clean energy**"

3

4 Page 2, following line 26:

5 Insert a new paragraph to read:

6 "**(1) "clean energy resource" has the meaning given in**
7 **AS 42.05.925;**"

8

9 Page 2, line 27:

10 Delete "**(1)**"

11 Insert "**(2)**"

12

13 Page 3, line 15:

14 Delete "**(2)**"

15 Insert "**(3)**"

16

17 Page 3, line 18:

18 Delete "**Renewable Portfolio**"

19 Insert "**Clean Energy**"

20

21 Page 3, line 19:

22 Delete "**Renewable portfolio**"

23 Insert "**Clean energy**"

24

25 Page 3, lines 21 - 22:

26 Delete "electricity generated from renewable energy resources"

27 Insert "clean energy"

28

29 Page 3, lines 26 - 29:

30 Delete "fossil fuel and renewable energy resource are co-fired in the same generating
31 unit, the unit is considered to generate electricity from renewable energy resources in direct

1 proportion to the percentage of the total heat input value represented by the heat input value
2 of the renewable energy resource"

3 Insert "clean energy resource or renewable energy resource is co-fired in the same
4 generating unit as another energy resource, the unit is considered to generate clean energy in
5 direct proportion to the percentage of the total heat input value represented by the heat input
6 value of the clean energy resource or renewable energy resource"

7

8 Page 3, lines 30 - 31:

9 Delete "renewable electricity"

10 Insert "clean energy"

11

12 Page 4, line 1:

13 Delete "renewable electricity"

14 Insert "clean energy"

15

16 Page 4, line 3:

17 Delete "renewable portfolio"

18 Insert "clean energy"

19

20 Page 4, line 5:

21 Delete "renewable portfolio"

22 Insert "clean energy"

23

24 Page 4, line 17:

25 Delete "renewable portfolio"

26 Insert "clean energy"

27

28 Page 4, lines 24 - 25:

29 Delete "electricity from renewable energy resources"

30 Insert "clean energy"

31

1 Page 4, line 25:

2 Delete "renewable portfolio"

3 Insert "clean energy"

4

5 Page 4, line 26:

6 Delete "renewable portfolio"

7 Insert "clean energy"

8

9 Page 4, lines 29 - 30:

10 Delete "electricity from renewable energy resources"

11 Insert "clean energy"

12

13 Page 4, line 30:

14 Delete "renewable portfolio"

15 Insert "clean energy"

16

17 Page 5, line 3:

18 Delete "**Renewable portfolio**"

19 Insert "**Clean energy**"

20

21 Page 5, line 5:

22 Delete "renewable portfolio"

23 Insert "clean energy"

24

25 Page 5, lines 5 - 6:

26 Delete "electricity generated from renewable energy resources"

27 Insert "clean energy"

28

29 Page 5, line 7:

30 Delete "renewable portfolio"

31 Insert "clean energy"

- 1
- 2 Page 5, line 8:
- 3 Delete "renewable portfolio"
- 4 Insert "clean energy"
- 5
- 6 Page 5, line 9:
- 7 Delete "renewable electricity"
- 8 Insert "clean energy"
- 9
- 10 Page 5, line 10:
- 11 Delete "renewable portfolio"
- 12 Insert "clean energy"
- 13
- 14 Page 5, line 11:
- 15 Delete "renewable portfolio" in both places
- 16 Insert "clean energy" in both places
- 17
- 18 Page 5, line 13:
- 19 Delete "renewable portfolio"
- 20 Insert "clean energy"
- 21
- 22 Page 5, line 15:
- 23 Delete "renewable portfolio"
- 24 Insert "clean energy"
- 25
- 26 Page 5, line 16:
- 27 Delete "renewable portfolio"
- 28 Insert "clean energy"
- 29 Delete "a renewable energy resource"
- 30 Insert "clean energy"
- 31

- 1 Page 5, line 17:
- 2 Delete "renewable portfolio"
- 3 Insert "clean energy"
- 4
- 5 Page 5, line 19:
- 6 Delete "renewable portfolio"
- 7 Insert "clean energy"
- 8
- 9 Page 5, line 20:
- 10 Delete "renewable portfolio"
- 11 Insert "clean energy"
- 12
- 13 Page 5, line 22:
- 14 Delete "renewable portfolio"
- 15 Insert "clean energy"
- 16
- 17 Page 5, line 31, through page 6, line 1:
- 18 Delete "renewable electricity"
- 19 Insert "clean energy"
- 20
- 21 Page 6, line 2:
- 22 Delete "renewable electricity"
- 23 Insert "clean energy"
- 24
- 25 Page 6, line 6:
- 26 Delete "renewable portfolio"
- 27 Insert "clean energy"
- 28
- 29 Page 6, line 7:
- 30 Delete "renewable electricity"
- 31 Insert "clean energy"

1

2 Page 6, line 13:

3 Delete "renewable portfolio"

4 Insert "clean energy"

5

6 Page 6, line 20:

7 Delete "renewable electricity"

8 Insert "clean energy"

9

10 Page 6, line 23, following "from":

11 Insert "a clean energy resource or"

12

13 Page 6, line 24:

14 Delete "renewable energy resource availability"

15 Insert "the availability of the energy resource"

16

17 Page 6, line 30:

18 Delete "renewable electricity"

19 Insert "clean energy"

20

21 Page 6, line 31:

22 Delete "renewable electricity"

23 Insert "clean energy"

24

25 Page 7, line 7:

26 Delete "renewable portfolio"

27 Insert "clean energy"

28

29 Page 7, line 10:

30 Delete "renewable electricity" in both places

31 Insert "clean energy" in both places

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Page 7, line 12:

Delete "renewable electricity"

Insert "clean energy"

Page 7, line 20:

Delete "renewable portfolio"

Insert "clean energy"

Page 7, line 21, following "from":

Insert "clean energy resources and"

Page 7, line 23:

Delete "renewable portfolio"

Insert "clean energy"

Page 7, following line 25:

Insert new paragraphs to read:

"(1) "clean energy" means electricity generated from clean energy resources or renewable energy resources;

(2) "clean energy resource" means

(A) nuclear energy;

(B) coal with active carbon capture and sequestration technology that reduces lifecycle carbon emissions by at least 90 percent, as verified by the Department of Environmental Conservation;

(C) natural gas using carbon capture and sequestration technology that reduces lifecycle carbon emissions by at least 90 percent, as verified by the Department of Environmental Conservation; or

(D) biomass where net lifecycle greenhouse gas emissions are neutral or negative, as verified by the Department of Environmental Conservation;

- 1 (3) "clean energy credit" means a credit under AS 42.05.910;
2 (4) "clean energy standard" means the standard established under
3 AS 42.05.900;"
4

5 Renumber the following paragraphs accordingly.

6

7 Page 8, lines 6 - 7:

8 Delete all material.

9

10 Renumber the following paragraphs accordingly.

11

12 Page 8, line 26:

13 Delete ";

14 Insert "."

15

16 Page 8, lines 27 - 29:

17 Delete all material.

AMENDMENT

#12

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 1, line 1:

2 Delete "electricity from renewable energy resources"

3 Insert "clean energy"

4

5 Page 1, line 2:

6 Delete "renewable portfolio"

7 Insert "clean energy"

8

9 Page 2, line 2:

10 Delete "renewable portfolio"

11 Insert "clean energy"

12

13 Page 2, line 16:

14 Delete "renewable portfolio"

15 Insert "clean energy"

16

17 Page 2, line 22:

18 Delete "renewable"

19 Insert "clean"

20

21 Page 2, line 23:

22 Delete "renewable portfolio"

23 Insert "clean energy"

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Page 2, following line 26:

Insert a new paragraph to read:

"(1) "clean energy resource" has the meaning given in AS 42.05.925;"

Page 2, line 27:

Delete **"(1)"**

Insert **"(2)"**

Page 3, lines 15 - 16:

Delete all material.

Page 3, line 18:

Delete **"Renewable Portfolio"**

Insert **"Clean Energy"**

Page 3, line 19:

Delete **"Renewable portfolio"**

Insert **"Clean energy"**

Page 3, line 22:

Delete **"renewable"**

Insert **"clean"**

Page 3, lines 26 - 29:

Delete all material and insert:

"(b) When a clean energy resource is co-fired in the same generating unit as another energy resource, the unit is considered to generate clean energy in direct proportion to the percentage of the total heat input value represented by the heat input value of the clean energy resource."

1

2 Page 3, lines 30 - 31:

3 Delete "renewable electricity"

4 Insert "clean energy"

5

6 Page 4, line 1:

7 Delete "renewable electricity"

8 Insert "clean energy"

9

10 Page 4, line 3:

11 Delete "renewable portfolio"

12 Insert "clean energy"

13

14 Page 4, line 5:

15 Delete "renewable portfolio"

16 Insert "clean energy"

17

18 Page 4, line 17:

19 Delete "renewable portfolio"

20 Insert "clean energy"

21

22 Page 4, line 24:

23 Delete "renewable"

24 Insert "clean"

25

26 Page 4, line 25:

27 Delete "renewable portfolio"

28 Insert "clean energy"

29

30 Page 4, line 26:

31 Delete "renewable portfolio"

- 1 Insert "clean energy"
- 2
- 3 Page 4, line 29:
- 4 Delete "renewable"
- 5 Insert "clean"
- 6
- 7 Page 4, line 30:
- 8 Delete "renewable portfolio"
- 9 Insert "clean energy"
- 10
- 11 Page 5, line 3:
- 12 Delete "**Renewable portfolio**"
- 13 Insert "**Clean energy**"
- 14
- 15 Page 5, line 5:
- 16 Delete "renewable portfolio"
- 17 Insert "clean energy"
- 18
- 19 Page 5, line 6:
- 20 Delete "renewable"
- 21 Insert "clean"
- 22
- 23 Page 5, line 7:
- 24 Delete "renewable portfolio"
- 25 Insert "clean energy"
- 26
- 27 Page 5, line 8:
- 28 Delete "renewable portfolio"
- 29 Insert "clean energy"
- 30
- 31 Page 5, line 9:

- 1 Delete "renewable electricity"
- 2 Insert "clean energy"
- 3
- 4 Page 5, line 10:
- 5 Delete "renewable portfolio"
- 6 Insert "clean energy"
- 7
- 8 Page 5, line 11:
- 9 Delete "renewable portfolio" in both places
- 10 Insert "clean energy" in both places
- 11
- 12 Page 5, line 13:
- 13 Delete "renewable portfolio"
- 14 Insert "clean energy"
- 15
- 16 Page 5, line 15:
- 17 Delete "renewable portfolio"
- 18 Insert "clean energy"
- 19
- 20 Page 5, line 16:
- 21 Delete "renewable portfolio"
- 22 Insert "clean energy"
- 23 Delete "a renewable energy resource"
- 24 Insert "clean energy"
- 25
- 26 Page 5, line 17:
- 27 Delete "renewable portfolio"
- 28 Insert "clean energy"
- 29
- 30 Page 5, line 19:
- 31 Delete "renewable portfolio"

- 1 Insert "clean energy"
- 2
- 3 Page 5, line 20:
- 4 Delete "renewable portfolio"
- 5 Insert "clean energy"
- 6
- 7 Page 5, line 22:
- 8 Delete "renewable portfolio"
- 9 Insert "clean energy"
- 10
- 11 Page 5, line 31, through page 6, line 1:
- 12 Delete "renewable electricity"
- 13 Insert "clean energy"
- 14
- 15 Page 6, line 2:
- 16 Delete "renewable electricity"
- 17 Insert "clean energy"
- 18
- 19 Page 6, line 6:
- 20 Delete "renewable portfolio"
- 21 Insert "clean energy"
- 22
- 23 Page 6, line 7:
- 24 Delete "renewable electricity"
- 25 Insert "clean energy"
- 26
- 27 Page 6, line 13:
- 28 Delete "renewable portfolio"
- 29 Insert "clean energy"
- 30
- 31 Page 6, line 20:

- 1 Delete "renewable electricity"
- 2 Insert "clean energy"
- 3
- 4 Page 6, line 23:
- 5 Delete "renewable"
- 6 Insert "clean"
- 7
- 8 Page 6, line 24:
- 9 Delete "renewable"
- 10 Insert "clean"
- 11
- 12 Page 6, line 30:
- 13 Delete "renewable electricity"
- 14 Insert "clean energy"
- 15
- 16 Page 6, line 31:
- 17 Delete "renewable electricity"
- 18 Insert "clean energy"
- 19
- 20 Page 7, line 7:
- 21 Delete "renewable portfolio"
- 22 Insert "clean energy"
- 23
- 24 Page 7, line 10:
- 25 Delete "renewable electricity" in both places
- 26 Insert "clean energy" in both places
- 27
- 28 Page 7, line 12:
- 29 Delete "renewable electricity"
- 30 Insert "clean energy"
- 31

1 Page 7, line 20:

2 Delete "renewable portfolio"

3 Insert "clean energy"

4

5 Page 7, line 21:

6 Delete "renewable"

7 Insert "clean"

8

9 Page 7, line 23:

10 Delete "renewable portfolio"

11 Insert "clean energy"

12

13 Page 7, following line 25:

14 Insert new paragraphs to read:

15 "(1) "clean energy" means electricity generated from clean energy
16 resources or renewable energy resources;

17 (2) "clean energy resource" means

18 (A) nuclear fission or nuclear fusion that complies with
19 applicable state and federal safety regulations; or

20 (B) a resource, other than a fossil fuel, that is ultimately
21 derived from solar power, water power, or wind power, comes from the sun or
22 from thermal inertia of the earth, and minimizes the output of toxic material in
23 the conversion of the energy; in this subparagraph, "resource" includes

24 (i) solar and solar thermal energy, wind energy, and
25 kinetic energy of moving water, including waves, tides, or currents;
26 run-of-river hydropower, in-river hydrokinetic; conventional
27 hydropower, lake tap hydropower; water released through a dam; and
28 geothermal energy;

29 (ii) waste to energy systems, including wood; landfill
30 gas that has been manufactured in whole or significant part from waste;
31 biofuels produced in the state; and thermal energy produced from a

1 geothermal heat pump using municipal solid waste, including biogenic
2 and anthropogenic fractions;

3 (3) "clean energy credit" means a credit under AS 42.05.910;

4 (4) "clean energy standard" means the standard established under
5 AS 42.05.900;"

6

7 Renumber the following paragraphs accordingly.

8

9 Page 8, line 5:

10 Delete ";

11 Insert "."

12

13 Page 8, lines 6 - 29:

14 Delete all material.

AMENDMENT

#13

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 1, line 1:

2 Delete "**electricity from renewable energy resources**"

3 Insert "**clean energy**"

4

5 Page 1, line 2:

6 Delete "**renewable portfolio**"

7 Insert "**clean energy**"

8

9 Page 2, line 2:

10 Delete "**renewable portfolio**"

11 Insert "**clean energy**"

12

13 Page 2, line 16:

14 Delete "**renewable portfolio**"

15 Insert "**clean energy**"

16

17 Page 2, line 22:

18 Delete "**renewable**"

19 Insert "**clean**"

20

21 Page 2, line 23:

22 Delete "**renewable portfolio**"

23 Insert "**clean energy**"

1

2 Page 2, following line 26:

3 Insert a new paragraph to read:

4 "(1) "clean energy resource" has the meaning given in
5 AS 42.05.925;"

6

7 Page 2, line 27:

8 Delete "(1)"9 Insert "(2)"

10

11 Page 3, line 14:

12 Delete "¿:"

13 Insert "·."

14

15 Page 3, lines 15 - 16:

16 Delete all material.

17

18 Page 3, line 18:

19 Delete "**Renewable Portfolio**"20 Insert "**Clean Energy**"

21

22 Page 3, line 19:

23 Delete "**Renewable portfolio**"24 Insert "**Clean energy**"

25

26 Page 3, line 22:

27 Delete "renewable"

28 Insert "clean"

29

30 Page 3, lines 26 - 29:

31 Delete all material and insert:

"(b) When a clean energy resource is co-fired in the same generating unit as another energy resource, the unit is considered to generate clean energy in direct proportion to the percentage of the total heat input value represented by the heat input value of the clean energy resource."

Page 3, lines 30 - 31:

Delete "renewable electricity"

Insert "clean energy"

Page 4, line 1:

Delete "renewable electricity"

Insert "clean energy"

Page 4, line 3:

Delete "renewable portfolio"

Insert "clean energy"

Page 4, line 5:

Delete "renewable portfolio"

Insert "clean energy"

Page 4, line 17:

Delete "renewable portfolio"

Insert "clean energy"

Page 4, line 24:

Delete "renewable"

Insert "clean"

Page 4, line 25:

Delete "renewable portfolio"

- 1 Insert "clean energy"
- 2
- 3 Page 4, line 26:
- 4 Delete "renewable portfolio"
- 5 Insert "clean energy"
- 6
- 7 Page 4, line 29:
- 8 Delete "renewable"
- 9 Insert "clean"
- 10
- 11 Page 4, line 30:
- 12 Delete "renewable portfolio"
- 13 Insert "clean energy"
- 14
- 15 Page 5, line 3:
- 16 Delete "**Renewable portfolio**"
- 17 Insert "**Clean energy**"
- 18
- 19 Page 5, line 5:
- 20 Delete "renewable portfolio"
- 21 Insert "clean energy"
- 22
- 23 Page 5, line 6:
- 24 Delete "renewable"
- 25 Insert "clean"
- 26
- 27 Page 5, line 7:
- 28 Delete "renewable portfolio"
- 29 Insert "clean energy"
- 30
- 31 Page 5, line 8:

- 1 Delete "renewable portfolio"
- 2 Insert "clean energy"
- 3
- 4 Page 5, line 9:
 - 5 Delete "renewable electricity"
 - 6 Insert "clean energy"
 - 7
- 8 Page 5, line 10:
 - 9 Delete "renewable portfolio"
 - 10 Insert "clean energy"
 - 11
- 12 Page 5, line 11:
 - 13 Delete "renewable portfolio" in both places
 - 14 Insert "clean energy" in both places
 - 15
- 16 Page 5, line 13:
 - 17 Delete "renewable portfolio"
 - 18 Insert "clean energy"
 - 19
- 20 Page 5, line 15:
 - 21 Delete "renewable portfolio"
 - 22 Insert "clean energy"
 - 23
- 24 Page 5, line 16:
 - 25 Delete "renewable portfolio"
 - 26 Insert "clean energy"
 - 27 Delete "a renewable energy resource"
 - 28 Insert "clean energy"
 - 29
- 30 Page 5, line 17:
 - 31 Delete "renewable portfolio"

1 Insert "clean energy"

2

3 Page 5, line 19:

4 Delete "renewable portfolio"

5 Insert "clean energy"

6

7 Page 5, line 20:

8 Delete "renewable portfolio"

9 Insert "clean energy"

10

11 Page 5, line 22:

12 Delete "renewable portfolio"

13 Insert "clean energy"

14

15 Page 5, line 31, through page 6, line 1:

16 Delete "renewable electricity"

17 Insert "clean energy"

18

19 Page 6, line 2:

20 Delete "renewable electricity"

21 Insert "clean energy"

22

23 Page 6, line 6:

24 Delete "renewable portfolio"

25 Insert "clean energy"

26

27 Page 6, line 7:

28 Delete "renewable electricity"

29 Insert "clean energy"

30

31 Page 6, line 13:

- 1 Delete "renewable portfolio"
- 2 Insert "clean energy"
- 3
- 4 Page 6, line 20:
- 5 Delete "renewable electricity"
- 6 Insert "clean energy"
- 7
- 8 Page 6, line 23:
- 9 Delete "renewable"
- 10 Insert "clean"
- 11
- 12 Page 6, line 24:
- 13 Delete "renewable"
- 14 Insert "clean"
- 15
- 16 Page 6, line 30:
- 17 Delete "renewable electricity"
- 18 Insert "clean energy"
- 19
- 20 Page 6, line 31:
- 21 Delete "renewable electricity"
- 22 Insert "clean energy"
- 23
- 24 Page 7, line 7:
- 25 Delete "renewable portfolio"
- 26 Insert "clean energy"
- 27
- 28 Page 7, line 10:
- 29 Delete "renewable electricity" in both places
- 30 Insert "clean energy" in both places
- 31

1 Page 7, line 12:

2 Delete "renewable electricity"

3 Insert "clean energy"

4

5 Page 7, line 20:

6 Delete "renewable portfolio"

7 Insert "clean energy"

8

9 Page 7, line 21:

10 Delete "renewable"

11 Insert "clean"

12

13 Page 7, line 23:

14 Delete "renewable portfolio"

15 Insert "clean energy"

16

17 Page 7, following line 25:

18 Insert new paragraphs to read:

19 "(1) "clean energy" means electricity generated from clean energy
20 resources;

21 (2) "clean energy resource" means

22 (A) coal with a sulfur content of one percent or less by weight;

23 or

24 (B) a resource, other than a fossil fuel, that is ultimately
25 derived from solar power, water power, or wind power, comes from the sun or
26 from thermal inertia of the earth, and minimizes the output of toxic material in
27 the conversion of the energy; in this subparagraph, "resource" includes

28 (i) solar and solar thermal energy, wind energy, and
29 kinetic energy of moving water, including waves, tides, or currents;
30 run-of-river hydropower, in-river hydrokinetic; conventional
31 hydropower, lake tap hydropower; water released through a dam; and

geothermal energy;

(ii) waste to energy systems, including wood; landfill gas that has been manufactured in whole or significant part from waste; biofuels produced in the state; and thermal energy produced from a geothermal heat pump using municipal solid waste, including biogenic and anthropogenic fractions;

(3) "clean energy credit" means a credit under AS 42.05.910;

(4) "clean energy standard" means the standard established under AS 42.05.900;"

Renumber the following paragraphs accordingly.

Page 8, line 5:

Delete ";

Insert "."

Page 8, lines 6 - 29:

Delete all material.

AMENDMENT

#14

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 1, line 1:

2 Delete "electricity from renewable energy resources"

3 Insert "clean energy"

4

5 Page 1, line 2:

6 Delete "renewable portfolio"

7 Insert "clean energy"

8

9 Page 2, line 2:

10 Delete "renewable portfolio"

11 Insert "clean energy"

12

13 Page 2, line 16:

14 Delete "renewable portfolio"

15 Insert "clean energy"

16

17 Page 2, line 22:

18 Delete "renewable"

19 Insert "clean"

20

21 Page 2, line 23:

22 Delete "renewable portfolio"

23 Insert "clean energy"

- 1
- 2 Page 2, following line 26:
- 3 Insert a new paragraph to read:
- 4 "(1) "clean energy resource" has the meaning given in
- 5 AS 42.05.925;"
- 6
- 7 Page 2, line 27:
- 8 Delete "(1)"
- 9 Insert "(2)"
- 10
- 11 Page 3, line 14:
- 12 Delete "i;"
- 13 Insert "."
- 14
- 15 Page 3, lines 15 - 16:
- 16 Delete all material.
- 17
- 18 Page 3, line 18:
- 19 Delete "**Renewable Portfolio**"
- 20 Insert "**Clean Energy**"
- 21
- 22 Page 3, line 19:
- 23 Delete "**Renewable portfolio**"
- 24 Insert "**Clean energy**"
- 25
- 26 Page 3, line 22:
- 27 Delete "renewable"
- 28 Insert "clean"
- 29
- 30 Page 3, lines 26 - 29:
- 31 Delete all material and insert:

"(b) When a clean energy resource is co-fired in the same generating unit as another energy resource, the unit is considered to generate clean energy in direct proportion to the percentage of the total heat input value represented by the heat input value of the clean energy resource."

Page 3, lines 30 - 31:

Delete "renewable electricity"

Insert "clean energy"

Page 4, line 1:

Delete "renewable electricity"

Insert "clean energy"

Page 4, line 3:

Delete "renewable portfolio"

Insert "clean energy"

Page 4, line 5:

Delete "renewable portfolio"

Insert "clean energy"

Page 4, line 17:

Delete "renewable portfolio"

Insert "clean energy"

Page 4, line 24:

Delete "renewable"

Insert "clean"

Page 4, line 25:

Delete "renewable portfolio"

1 Insert "clean energy"

2

3 Page 4, line 26:

4 Delete "renewable portfolio"

5 Insert "clean energy"

6

7 Page 4, line 29:

8 Delete "renewable"

9 Insert "clean"

10

11 Page 4, line 30:

12 Delete "renewable portfolio"

13 Insert "clean energy"

14

15 Page 5, line 3:

16 Delete "**Renewable portfolio**"

17 Insert "**Clean energy**"

18

19 Page 5, line 5:

20 Delete "renewable portfolio"

21 Insert "clean energy"

22

23 Page 5, line 6:

24 Delete "renewable"

25 Insert "clean"

26

27 Page 5, line 7:

28 Delete "renewable portfolio"

29 Insert "clean energy"

30

31 Page 5, line 8:

- 1 Delete "renewable portfolio"
- 2 Insert "clean energy"
- 3
- 4 Page 5, line 9:
- 5 Delete "renewable electricity"
- 6 Insert "clean energy"
- 7
- 8 Page 5, line 10:
- 9 Delete "renewable portfolio"
- 10 Insert "clean energy"
- 11
- 12 Page 5, line 11:
- 13 Delete "renewable portfolio" in both places
- 14 Insert "clean energy" in both places
- 15
- 16 Page 5, line 13:
- 17 Delete "renewable portfolio"
- 18 Insert "clean energy"
- 19
- 20 Page 5, line 15:
- 21 Delete "renewable portfolio"
- 22 Insert "clean energy"
- 23
- 24 Page 5, line 16:
- 25 Delete "renewable portfolio"
- 26 Insert "clean energy"
- 27 Delete "a renewable energy resource"
- 28 Insert "clean energy"
- 29
- 30 Page 5, line 17:
- 31 Delete "renewable portfolio"

1 Insert "clean energy"

2

3 Page 5, line 19:

4 Delete "renewable portfolio"

5 Insert "clean energy"

6

7 Page 5, line 20:

8 Delete "renewable portfolio"

9 Insert "clean energy"

10

11 Page 5, line 22:

12 Delete "renewable portfolio"

13 Insert "clean energy"

14

15 Page 5, line 31, through page 6, line 1:

16 Delete "renewable electricity"

17 Insert "clean energy"

18

19 Page 6, line 2:

20 Delete "renewable electricity"

21 Insert "clean energy"

22

23 Page 6, line 6:

24 Delete "renewable portfolio"

25 Insert "clean energy"

26

27 Page 6, line 7:

28 Delete "renewable electricity"

29 Insert "clean energy"

30

31 Page 6, line 13:

1 Delete "renewable portfolio"

2 Insert "clean energy"

3

4 Page 6, line 20:

5 Delete "renewable electricity"

6 Insert "clean energy"

7

8 Page 6, line 23:

9 Delete "renewable"

10 Insert "clean"

11

12 Page 6, line 24:

13 Delete "renewable"

14 Insert "clean"

15

16 Page 6, line 30:

17 Delete "renewable electricity"

18 Insert "clean energy"

19

20 Page 6, line 31:

21 Delete "renewable electricity"

22 Insert "clean energy"

23

24 Page 7, line 7:

25 Delete "renewable portfolio"

26 Insert "clean energy"

27

28 Page 7, line 10:

29 Delete "renewable electricity" in both places

30 Insert "clean energy" in both places

31

1 Page 7, line 12:

2 Delete "renewable electricity"

3 Insert "clean energy"

4

5 Page 7, line 20:

6 Delete "renewable portfolio"

7 Insert "clean energy"

8

9 Page 7, line 21:

10 Delete "renewable"

11 Insert "clean"

12

13 Page 7, line 23:

14 Delete "renewable portfolio"

15 Insert "clean energy"

16

17 Page 7, following line 25:

18 Insert new paragraphs to read:

19 "(1) "clean energy" means electricity generated from clean energy
20 resources;

21 (2) "clean energy resource" means a resource with neutral or negative
22 net life cycle greenhouse gas emissions, as verified by the Department of
23 Environmental Conservation;

24 (3) "clean energy credit" means a credit under AS 42.05.910;

25 (4) "clean energy standard" means the standard established under
26 AS 42.05.900;"

27

28 Renumber the following paragraphs accordingly.

29

30 Page 8, line 5:

31 Delete ";

- 1 Insert "."
- 2
- 3 Page 8, lines 6 - 29:
- 4 Delete all material.

AMENDMENT

#15

OFFERED IN THE HOUSE

BY REPRESENTATIVE RAUSCHER

TO: CSHB 153(ENE), Draft Version "G"

1 Page 1, line 1:

2 Delete "**electricity from renewable energy resources**"

3 Insert "**clean energy**"

4

5 Page 1, line 2:

6 Delete "**renewable portfolio**"

7 Insert "**clean energy**"

8

9 Page 2, line 2:

10 Delete "**renewable portfolio**"

11 Insert "**clean energy**"

12

13 Page 2, line 16:

14 Delete "**renewable portfolio**"

15 Insert "**clean energy**"

16

17 Page 2, line 22:

18 Delete "**renewable**"

19 Insert "**clean**"

20

21 Page 2, line 23:

22 Delete "**renewable portfolio**"

23 Insert "**clean energy**"

1

2 Page 2, following line 26:

3 Insert a new paragraph to read:

4 "(1) "clean energy resource" has the meaning given in5 AS 42.05.925;"

6

7 Page 2, line 27:

8 Delete "(1)"9 Insert "(2)"

10

11 Page 3, line 14:

12 Delete "¿:"

13 Insert "."

14

15 Page 3, lines 15 - 16:

16 Delete all material.

17

18 Page 3, line 18:

19 Delete "**Renewable Portfolio**"20 Insert "**Clean Energy**"

21

22 Page 3, line 19:

23 Delete "**Renewable portfolio**"24 Insert "**Clean energy**"

25

26 Page 3, line 22:

27 Delete "renewable"

28 Insert "clean"

29

30 Page 3, lines 26 - 29:

31 Delete all material and insert:

1 "(b) When a clean energy resource is co-fired in the same generating unit as
2 another energy resource, the unit is considered to generate clean energy in direct
3 proportion to the percentage of the total heat input value represented by the heat input
4 value of the clean energy resource."
5

6 Page 3, lines 30 - 31:

7 Delete "renewable electricity"

8 Insert "clean energy"

10 Page 4, line 1:

11 Delete "renewable electricity"

12 Insert "clean energy"

14 Page 4, line 3:

15 Delete "renewable portfolio"

16 Insert "clean energy"

18 Page 4, line 5:

19 Delete "renewable portfolio"

20 Insert "clean energy"

22 Page 4, line 17:

23 Delete "renewable portfolio"

24 Insert "clean energy"

26 Page 4, line 24:

27 Delete "renewable"

28 Insert "clean"

30 Page 4, line 25:

31 Delete "renewable portfolio"

1 Insert "clean energy"

2

3 Page 4, line 26:

4 Delete "renewable portfolio"

5 Insert "clean energy"

6

7 Page 4, line 29:

8 Delete "renewable"

9 Insert "clean"

10

11 Page 4, line 30:

12 Delete "renewable portfolio"

13 Insert "clean energy"

14

15 Page 5, line 3:

16 Delete "**Renewable portfolio**"

17 Insert "**Clean energy**"

18

19 Page 5, line 5:

20 Delete "renewable portfolio"

21 Insert "clean energy"

22

23 Page 5, line 6:

24 Delete "renewable"

25 Insert "clean"

26

27 Page 5, line 7:

28 Delete "renewable portfolio"

29 Insert "clean energy"

30

31 Page 5, line 8:

- 1 Delete "renewable portfolio"
- 2 Insert "clean energy"
- 3
- 4 Page 5, line 9:
- 5 Delete "renewable electricity"
- 6 Insert "clean energy"
- 7
- 8 Page 5, line 10:
- 9 Delete "renewable portfolio"
- 10 Insert "clean energy"
- 11
- 12 Page 5, line 11:
- 13 Delete "renewable portfolio" in both places
- 14 Insert "clean energy" in both places
- 15
- 16 Page 5, line 13:
- 17 Delete "renewable portfolio"
- 18 Insert "clean energy"
- 19
- 20 Page 5, line 15:
- 21 Delete "renewable portfolio"
- 22 Insert "clean energy"
- 23
- 24 Page 5, line 16:
- 25 Delete "renewable portfolio"
- 26 Insert "clean energy"
- 27 Delete "a renewable energy resource"
- 28 Insert "clean energy"
- 29
- 30 Page 5, line 17:
- 31 Delete "renewable portfolio"

- 1 Insert "clean energy"
- 2
- 3 Page 5, line 19:
- 4 Delete "renewable portfolio"
- 5 Insert "clean energy"
- 6
- 7 Page 5, line 20:
- 8 Delete "renewable portfolio"
- 9 Insert "clean energy"
- 10
- 11 Page 5, line 22:
- 12 Delete "renewable portfolio"
- 13 Insert "clean energy"
- 14
- 15 Page 5, line 31, through page 6, line 1:
- 16 Delete "renewable electricity"
- 17 Insert "clean energy"
- 18
- 19 Page 6, line 2:
- 20 Delete "renewable electricity"
- 21 Insert "clean energy"
- 22
- 23 Page 6, line 6:
- 24 Delete "renewable portfolio"
- 25 Insert "clean energy"
- 26
- 27 Page 6, line 7:
- 28 Delete "renewable electricity"
- 29 Insert "clean energy"
- 30
- 31 Page 6, line 13:

- 1 Delete "renewable portfolio"
- 2 Insert "clean energy"
- 3
- 4 Page 6, line 20:
- 5 Delete "renewable electricity"
- 6 Insert "clean energy"
- 7
- 8 Page 6, line 23:
- 9 Delete "renewable"
- 10 Insert "clean"
- 11
- 12 Page 6, line 24:
- 13 Delete "renewable"
- 14 Insert "clean"
- 15
- 16 Page 6, line 30:
- 17 Delete "renewable electricity"
- 18 Insert "clean energy"
- 19
- 20 Page 6, line 31:
- 21 Delete "renewable electricity"
- 22 Insert "clean energy"
- 23
- 24 Page 7, line 7:
- 25 Delete "renewable portfolio"
- 26 Insert "clean energy"
- 27
- 28 Page 7, line 10:
- 29 Delete "renewable electricity" in both places
- 30 Insert "clean energy" in both places
- 31

1 Page 7, line 12:

2 Delete "renewable electricity"

3 Insert "clean energy"

4

5 Page 7, line 20:

6 Delete "renewable portfolio"

7 Insert "clean energy"

8

9 Page 7, line 21:

10 Delete "renewable"

11 Insert "clean"

12

13 Page 7, line 23:

14 Delete "renewable portfolio"

15 Insert "clean energy"

16

17 Page 7, following line 25:

18 Insert new paragraphs to read:

19 "(1) "clean energy" means electricity generated from clean energy
20 resources;

21 (2) "clean energy resource" means

22 (A) hydrogen produced using electrolysis powered by sources
23 with neutral or negative net greenhouse gas emissions; or

24 (B) a resource, other than a fossil fuel, that is ultimately
25 derived from solar power, water power, or wind power, comes from the sun or
26 from thermal inertia of the earth, and minimizes the output of toxic material in
27 the conversion of the energy; in this subparagraph, "resource" includes

28 (i) solar and solar thermal energy, wind energy, and
29 kinetic energy of moving water, including waves, tides, or currents;
30 run-of-river hydropower, in-river hydrokinetic; conventional
31 hydropower, lake tap hydropower; water released through a dam; and

1 geothermal energy;

2 (ii) waste to energy systems, including wood; landfill
3 gas that has been manufactured in whole or significant part from waste;
4 biofuels produced in the state; and thermal energy produced from a
5 geothermal heat pump using municipal solid waste, including biogenic
6 and anthropogenic fractions;

7 (3) "clean energy credit" means a credit under AS 42.05.910;

8 (4) "clean energy standard" means the standard established under
9 AS 42.05.900;"

10
11 Renumber the following paragraphs accordingly.

12
13 Page 8, line 5:

14 Delete ";

15 Insert "."

16
17 Page 8, lines 6 - 29:

18 Delete all material.

AMENDMENT

OFFERED IN THE HOUSE

BY REPRESENTATIVE COSTELLO

TO: CSHB 153(ENE), Draft Version "G"

1 Page 3, line 16:

2 Delete "AS 42.05.925"

3 Insert "AS 42.05.915"

4

5 Page 3, line 19:

6 Delete "The portfolio of a"

7 Insert "A"

8

9 Page 3, line 21:

10 Delete "must include"

11 Insert "is encouraged to ensure that its portfolio includes"

12

13 Page 5, line 1:

14 Delete "made in whole or in part with payments under AS 42.05.915(f),"

15

16 Page 5, line 18, through page 7, line 24:

17 Delete all material.

18

19 Page 7, line 25:

20 Delete "**Sec. 42.05.925**"

21 Insert "**Sec. 42.05.915**"

22 Delete "AS 42.05.900 - 42.05.925"

23 Insert "AS 42.05.900 - 42.05.915"

1

2 Page 7, lines 26 - 27:

3 Delete all material.

4

5 Renumber the following paragraphs accordingly.