

AMENDMENTS TO HOUSE BILL NO. 1102

Sponsor: REPRESENTATIVE BRADFORD

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1 Amend Bill, page 1, by inserting between lines 13 and 14

2 "Alternative energy sources." The term shall include the
3 following existing and new sources for the production of
4 electricity:

5 (1) Solar photovoltaic or other solar electric energy.

6 (2) Solar thermal energy.

7 (3) Wind power.

8 (4) Large-scale hydropower, which shall mean the
9 production of electric power by harnessing the hydroelectric
10 potential of moving water impoundments, including pumped
11 storage that does not meet the requirements of low-impact
12 hydropower under paragraph (5).

13 (5) Low-impact hydropower consisting of any technology
14 that produces electric power and that harnesses the
15 hydroelectric potential of moving water impoundments,
16 provided such incremental hydroelectric development:

17 (i) does not adversely change existing impacts to
18 aquatic systems;

19 (ii) meets the certification standards established
20 by the Low Impact Hydropower Institute and American
21 Rivers, Inc., or their successors;

22 (iii) provides an adequate water flow for protection
23 of aquatic life and for safe and effective fish passage;

24 (iv) protects against erosion; and

25 (v) protects cultural and historic resources.

26 (6) Geothermal energy, which shall mean electricity
27 produced by extracting hot water or steam from geothermal
28 reserves in the earth's crust and supplied to steam turbines
29 that drive generators to produce electricity.

30 (7) Biomass energy, which shall mean the generation of
31 electricity utilizing the following:

32 (i) organic material from a plant that is grown for
33 the purpose of being used to produce electricity or is
34 protected by the Federal Conservation Reserve Program

35 (CRP) and provided further that crop production on CRP
36 lands does not prevent achievement of the water quality
37 protection, soil erosion prevention or wildlife

38 enhancement purposes for which the land was primarily set

1 aside; or

2 (ii) any solid nonhazardous, cellulosic waste
3 material that is segregated from other waste materials,
4 such as waste pallets, crates and landscape or right-of-
5 way tree trimmings or agricultural sources, including
6 orchard tree crops, vineyards, grain, legumes, sugar and
7 other crop by-products or residues.

8 (8) Biologically derived methane gas, which shall
9 include methane from the anaerobic digestion of organic
10 materials from yard waste, such as grass clippings and
11 leaves, food waste, animal waste and sewage sludge. The term
12 also includes landfill methane gas.

13 (9) Fuel cells, which shall mean any electrochemical
14 device that converts chemical energy in a hydrogen-rich fuel
15 directly into electricity, heat and water without combustion.

16 (10) Demand-side management consisting of the management
17 of customer consumption of electricity or the demand for
18 electricity through the implementation of:

19 (i) energy efficiency technologies, management
20 practices or other strategies in residential, commercial,
21 institutional or government customers that reduce
22 electricity consumption by those customers;

23 (ii) load management or demand response
24 technologies, management practices or other strategies in
25 residential, commercial, industrial, institutional and
26 government customers that shift electric load from
27 periods of higher demand to periods of lower demand; or

28 (iii) industrial by-product technologies consisting
29 of the use of a by-product from an industrial process,
30 including the reuse of energy from exhaust gases or other
31 manufacturing by-products that are used in the direct
32 production of electricity at the facility of a customer.

33 (11) Distributed generation system, which shall mean the
34 small-scale power generation of electricity and useful
35 thermal energy.

36 (12) Energy from nuclear fission used to generate
37 electricity.

38 "Alternative energy sources business." An association,
39 partnership, corporation, sole proprietorship, limited
40 liability company or employer that engages in alternative
41 energy sources.

42 Amend Bill, page 4, line 13, by inserting after "business"
43 where it occurs the second time

44 , alternative energy sources business

45 Amend Bill, page 7, line 11, by inserting after "business"
46 where it occurs the second time

47 , alternative energy sources business

1 Amend Bill, page 7, line 13, by inserting after "gas"
2 and alternative energy sources
3 Amend Bill, page 7, line 21, by inserting after "business"
4 where it occurs the second time
5 , alternative energy sources business
6 Amend Bill, page 8, line 8, by inserting after "gas"
7 and alternative energy sources
8 Amend Bill, page 8, line 14, by striking out "and" and
9 inserting a comma
10 Amend Bill, page 8, line 14, by inserting after "liquids"
11 and alternative energy sources
12 Amend Bill, page 8, line 17, by striking out "and" and
13 inserting a comma
14 Amend Bill, page 8, line 17, by inserting after "liquids"
15 and alternative energy sources
16 Amend Bill, page 8, line 18, by inserting after "business"
17 where it occurs the second time
18 , alternative energy sources business
19 Amend Bill, page 8, line 22, by inserting after "gas"
20 and alternative energy sources
21 Amend Bill, page 8, line 30, by inserting after "gas"
22 and alternative energy sources
23 Amend Bill, page 9, line 23, by inserting after "business"
24 where it occurs the second time
25 , alternative energy sources business
26 Amend Bill, page 12, line 24, by inserting after "businesses"
27 where it occurs the first time
28 , alternative energy sources businesses
29 Amend Bill, page 13, line 2, by striking out "and" and
30 inserting a comma

1 Amend Bill, page 13, line 3, by inserting after "liquids"

2 and alternative energy sources

3 Amend Bill, page 14, line 24, by inserting after "business"

4 where it occurs the second time

5 , alternative energy sources business

6 Amend Bill, page 14, line 28, by striking out "and" where it

7 occurs the second time and inserting a comma

8 Amend Bill, page 14, line 29, by inserting after "liquids"

9 and alternative energy sources

10 Amend Bill, page 16, line 9, by inserting after "business"

11 where it occurs the first time

12 , alternative energy sources business

13 Amend Bill, page 16, line 11, by inserting after "business"

14 where it occurs the second time

15 , alternative energy sources business

16 Amend Bill, page 16, line 25, by inserting after

17 "petrochemical"

18 , alternative energy sources

19 Amend Bill, page 20, by inserting between lines 21 and 22

20 Section 308. Requirement to comply with prevailing wage
21 requirements.

22 An individual or business that receives a tax exemption,
23 deduction, abatement or credit under this act may not enter into
24 any agreement or contract with a contractor to perform
25 construction work with the contractor's employees or by using a
26 subcontractor unless the contractor and the contractor's
27 subcontractors comply with the act of August 15, 1961 (P.L.987,
28 No.442), known as the Pennsylvania Prevailing Wage Act.