



## 2017 Air-Source Heat Pump Incentive Summary

Below is an Incentive Summary of Heat Pump Promotional Activities (Separate lists for Ductless and Ducted ASHP programs) that are in place throughout the region.

(Updated October 2017)

### Incentive and Requirement Summary for Ductless Heat Pumps

| State   | Rebate Incentive                             | ENERGY STAR certification | HSPF   | SEER | EER    | Other Requirements   |
|---|--|---------------------------|--------|------|--------|--|
| <a href="#">Connecticut<sup>1</sup></a>                       | \$300/Home (Single-Zone)                     | X                         | 10     | 20   | 12.5   | Midstream Program.   |
|   | \$500/home (Multi-Zone)                      | X                         | 9      | 18   | 12.5   |  |
| <a href="#">Massachusetts</a>                                 | \$100/indoor unit                            | X                         | ≥ 10   | ≥ 18 |        |  |
|   | \$300/indoor unit                            | X                         | ≥ 12   | ≥ 20 |        |  |
| <a href="#">Massachusetts Clean Energy Center<sup>2</sup></a> | \$625 (Single- Zone)                         | X                         | ≥ 10   | ≥ 20 | ≥ 12.5 | <a href="#">NEEP ccASHP Spec</a> , 100% of rated heating capacity delivered at 5°F       |
|   | \$625/ton (Multi-Zone)                       | X                         | ≥ 10   | ≥ 17 | ≥ 12.5 |  |
| <a href="#">Rhode Island</a>                                  | \$100/indoor unit                            | X                         | ≥ 10   | ≥ 18 |        |  |
|   | \$300/indoor unit                            | X                         | ≥ 12   | ≥ 20 |        |  |
| <a href="#">Vermont</a>                                       | \$600 (Single-Zone)                          |                           | ≥ 10.0 | ≥ 20 | ≥ 12.0 | COP @5°F ≥ 1.75; operation at -5° Midstream Program. Updated list <a href="#">here</a> . |
|   | \$800 (Multi-Zone)                           |                           | ≥ 10.0 | ≥ 17 | ≥ 12.0 |  |
| <a href="#">New Hampshire<sup>3</sup></a>                     | \$250/ton of cooling                         | X                         | ≥ 8.5  | ≥ 15 | ≥ 12.5 |  |
|   | \$500/ton of cooling                         | X                         | ≥ 10   | ≥ 18 | ≥ 12.5 |  |
| <a href="#">Maine</a>   | \$500 (Single-Zone)                          |                           | ≥12    |      |        |  |
|   | \$750 (Multi-Zone)                           |                           | ≥10    |      |        |  |
| <a href="#">New Jersey</a>                                    | \$500 (\$200/Indoor Unit Bonus) <sup>4</sup> | X                         | ≥10    | ≥ 15 | ≥12.5  | Must be listed on NEEP ASHP Spec   |
|   | \$500  |                           | ≥10    | ≥ 20 | ≥12.5  |  |
| <a href="#">New York (NYSERDA)</a>                            |  |                           | ≥10    | ≥ 15 | ≥12.5  | Must be listed on NEEP ccASHP Spec, Mid-stream Program                                   |
| <a href="#">Pennsylvania (PP&amp;L)</a>                       | \$100/ton                                    | X                         | ≥ 8.6  | ≥ 16 | 12.5   |  |
|   | \$150/ton                                    |                           | ≥ 9.5  | ≥ 17 | 12.5   |  |
|   | \$200/ton                                    |                           | 10.5   | 19   | 12.5   |  |
| <a href="#">Energy Save PA</a>                                | \$100  |                           | ≥ 8.5  | ≥ 15 |        |  |
| <a href="#">Washington D.C.<sup>5</sup></a>                   | \$300  |                           | ≥ 9    | ≥ 18 | ≥ 12.5 |  |
|   | \$500  |                           | ≥ 10   | ≥ 20 | ≥ 13   |  |

<sup>1</sup> A \$1,000 rebate is available for homes with existing electric resistance heating WITH a Home Energy Assessment prior to installation

<sup>2</sup> Income eligible adders of \$175/system or ton and \$675/system or ton. Maximums apply for number of outdoor units eligible for rebates and total rebate dollar amount by project site.

<sup>3</sup> \$250/ton Incentive available from New Hampshire Electric Coop for Heat Pump Systems offsetting 80% of total heating load. Must submit two (2) years heating fuel usage, type and efficiency of existing equipment

<sup>4</sup> Customers are eligible if converting from an electric resistance heat and the house does not have natural gas service.

Maximum of 5 indoor unit rebates, max 1 system rebate per home.

<sup>5</sup> Updated rebate amounts "coming soon"

## Incentive and Requirement Summary for Ducted Heat Pumps

| State   | Rebate Incentive | ENERGY STAR certification <sup>3</sup> | HSPF  | SEER   | EER    | Other Requirements   |
|---|------------------|--|-------|--------|--------|--|
| <a href="#">Connecticut</a>                                   | \$500            | X                                      | ≥ 10  | ≥ 16   | ≥ 12.5 |  |
| <a href="#">Massachusetts</a>                                 | \$250            | X                                      | ≥ 8.5 | ≥ 16   |        |  |
|   | \$500            | X                                      | ≥ 9.6 | ≥ 18   |        |  |
| <a href="#">Massachusetts Clean Energy Center<sup>6</sup></a> | \$625/ton        | X                                      | ≥ 10  | ≥ 17   | ≥ 12.5 | <a href="#">NEEP ccASHP Spec</a> ,<br>100% of rated heating Capacity Delivered at 5° F |
| <a href="#">Rhode Island</a>                                  | \$250            | X                                      | ≥ 8.5 | ≥ 16   |        |  |
|   | \$500            | X                                      | ≥ 9.6 | ≥ 18   |        |  |
| <a href="#">New Hampshire</a>                                 | \$70/ton         | X                                      |       | ≥ 15   | ≥ 12.5 |  |
| <a href="#">Maine</a>   | \$500            | X                                      | ≥ 10  |        |        |  |
| <a href="#">New Jersey</a>                                    | \$300            |  | ≥ 10  | ≥ 16   | ≥ 13   | For units purchased through June 30, 2017.   |
|   | \$500            |  | ≥ 10  | ≥ 18   | ≥ 13   |  |
| <a href="#">New York (NYSERDA)</a>                            |                  | X                                      | ≥ 10  | ≥ 15   | ≥ 12.5 | NEEP ccASHP Spec<br>Mid-stream Program   |
| <a href="#">PSEG- Long Island</a>                             | \$350            |  | ≥ 8.5 | ≥ 15   |        |  |
|   | \$450            |  | ≥ 8.5 | ≥ 16   |        |  |
| <a href="#">Pennsylvania (PP&amp;L)</a>                       | \$200            |  | ≥ 8.5 | ≥ 16   | ≥ 12.5 |  |
| <a href="#">Energy Save PA</a>                                | \$250            |  | ≥ 8.5 | ≥ 14.5 |        |  |
|   | \$325            |  | ≥ 8.5 | ≥ 15   |        |  |
|   | \$400            |  | ≥ 8.5 | ≥ 16   |        |  |
| <a href="#">Washington D.C.<sup>7</sup></a>                   | \$350            |  | ≥ 9   | ≥ 16   | ≥ 13   |  |
|   | \$750            |  | ≥ 9.5 | ≥ 18   | ≥ 13   |  |

### Other Heat Pump Program Information:

| Specification  | Applies to      | HSPF  | SEER   | EER    | Other Requirements  |
|--|-----------------|-------|--------|--------|---|
| <a href="#">ENERGY STAR V5.0</a>                         | Ducted/Ductless | ≥ 8.5 | ≥ 15   | ≥ 12.5 |   |
| <a href="#">ENERGY STAR 2017 Most Efficient Criteria</a> | Ducted          | ≥ 9.6 | ≥ 18   | ≥ 12.5 | Unit setup information, fault history display, and resident alerts<br>Meet system status and messaging requirements |
| <a href="#">ENERGY STAR 2017 Most Efficient Criteria</a> | Ductless        | ≥ 10  | ≥ 20   | ≥ 12.5 |   |
| <a href="#">CEE Tier 0</a>                               | Ducted/Ductless | ≥ 8.5 | ≥ 14.5 | ≥ 12   |   |
| <a href="#">CEE Tier 1</a>                               | Ducted/Ductless | ≥ 8.5 | ≥ 15   | ≥ 12.5 |   |
| <a href="#">CEE Tier 2</a>                               | Ducted/Ductless | ≥ 9   | ≥ 16   | ≥ 13   |   |
| <a href="#">CEE Tier 3</a>                               | Ducted/Ductless | ≥ 10  | ≥ 18   | ≥ 13   |   |
| <a href="#">NEEP ccASHP</a>                              | Ducted/Ductless | ≥ 10  | ≥ 15   | ≥ 12.5 | ENERGY STAR Certified,<br>COP @ 5° ≥ 1.75   |

<sup>6</sup> Income eligible adders of \$175/system or ton and \$675/system or ton. Maximums apply for number of outdoor units eligible for rebates and total rebate dollar amount by project site.

<sup>7</sup> Updated rebate amounts “coming soon”