

# Commercial & Industrial Retrofit 2020 Compressed Air Incentive



## Section A: CUSTOMER INFORMATION

|   |                         |  |                    |
|---|-------------------------|--|--------------------|
| Customer Name   | Electric Account Number | Rate   | Application Number |
| Facility Address  | City                    | State  | Zip Code           |
| Service Location Identification                             | Email                   |  |                    |
| Mailing Address (if different from above)                   | City                    | State  | Zip Code           |
| Contact Person/Title  | Telephone Number        | Incorporated? (Check one.)<br><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt     |                    |
| Please Assign Payment to Contractor.<br>Customer Signature: | Additional Information  | Incentive Payment Preference (Check one.)<br><input type="checkbox"/> Pay Customer <input type="checkbox"/> Pay Contractor |                    |

## Section B: CONTRACTOR INFORMATION

|                 |                              |                          |  |
|-----------------|------------------------------|--------------------------|--|
| Contractor Name | Contact Person/Title (Print) | Contact Person Signature |  |
| Mailing Address | City                         | State                    | Zip Code   |
| Email           | Telephone Number             | Additional Information   | Incorporated? (Check one.)<br><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt |

## Section C: DOCUMENT APPROVALS

### PRE-INSTALLATION INSPECTION

|                   |      |
|-------------------|------|
| Utility Signature | Date |
|-------------------|------|

### PRE-APPROVAL OFFER

|                                      |      |                                |                      |
|--------------------------------------|------|--------------------------------|----------------------|
| Technical Review - Utility Signature | Date |                                |                      |
| Utility Signature                    | Date | Amount of Incentive Offer (\$) | Offer Valid Through: |

By signing and dating below, customer accepts this Incentive offer and agrees to the Utility Terms and Conditions available from your Utility. Pursuant to a Commission order, customers also agree that the utility alone may capture all kW and kWh savings and any ISO-NE capacity payments resulting from this energy efficiency project. This agreement is contingent upon continued approval and authorization by the Commission to recover said amounts from the System Benefits Charge. The Incentive, in conjunction with all other sources of funding, cannot exceed the total project cost.

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### POST-INSTALLATION INSPECTION

|                    |      |                         |                          |
|--------------------|------|-------------------------|--------------------------|
| Utility Signature  | Date | Total Project Cost (\$) | Amount of Incentive (\$) |
| Customer Signature | Date |                         |                          |

### MANAGEMENT APPROVAL

|                   |      |
|-------------------|------|
| Utility Signature | Date |
|-------------------|------|

# RETROFIT COMPRESSED AIR INCENTIVE WORKSHEET

## Air Compressor Incentive Calculation

| Item | Compressor Horsepower (A) | Compressor CFM | Annual Hours of Operation | Compressor Control Code <sup>1</sup> | Additional Storage (Yes or No) | Incentive (\$) per HP <sup>2</sup> (B) | Air Compressor Incentive (\$) (A X B) |
|------|---------------------------|----------------|---------------------------|--------------------------------------|--------------------------------|--|---------------------------------------|
| Ex.  | 25                        | 110            | 2,950                     | VSD                                  | Y                              | \$200                                  | 25 X \$200 = \$5,000                  |
| 1    |                           |                |                           |                                      |                                |  |                                       |

Note: Vendor quote or proposal required for Incentive.

## Additional Primary Storage Incentive Calculation- see Table 1 (only applicable if storage code above = "Y")

| Item | *Minimum Storage Required (gallons) (A) | Maximum Storage Eligible (gallons) (B) | Existing Storage (gallons) (C) | Minimum New Storage Required (gallons) (D) = A - C | Maximum New Storage Eligible (gallons) (E) = B - C | **Storage to be installed (gallons) (F) | Storage Incentive F x \$2.75 (not to exceed E) |
|------|---|--|--------------------------------|--|--|---|--|
| Ex.  | 220                                     | 330                                    | 100                            | 120  | 230  | 275                                     | 230 x \$2.75 = \$633                           |
| 1    |   |  |                                |  |  |   |  |

\*System must meet Minimum Storage (A) to be eligible for Compressor Incentive

\*\*Storage capacity over Maximum Storage (E) is not eligible for Storage Incentive

**Total Incentive**

### <sup>1</sup> Compressor Control Codes & Storage Requirements

| Compressor Type      | Control Code | # Minimum Gallons per CFM | ## Maximum Gallons per CFM |
|----------------------|--------------|---------------------------|----------------------------|
| Variable Speed Drive | VSD          | 2                         | 3                          |

### <sup>2</sup> High Efficiency Air Compressor Incentive per HP

| Incentive Per Horsepower | 15 to 24 | 25 to 49 | 50 to 75 |
|--------------------------|----------|----------|----------|
| VSD                      | \$170    | \$200    | \$180    |

# Minimum Gallons per CFM recommended by the Compressed Air Challenge

## This is the maximum gallons eligible for incentives.

Installed capacity may be larger.

## Notes

1. These Prescriptive Incentives apply to single, oil flooded compressed air systems only. Multiple and /or oil free air compressor systems may be eligible for a Custom Incentive but must pass a benefit-cost test.
2. These Prescriptive Incentives apply to air compressors with nameplate ratings  $\geq 15$  HP and  $\leq 75$  HP. Air compressors  $> 75$  HP may be eligible for a Custom Incentive. Air compressors rated in kW shall be converted to HP as follows:  $kW / 0.746 = HP$
3. The rated HP of the replacement air compressor shall not exceed the existing air compressor rated HP by more than 10%. Existing compressors replaced with a new, larger compressor ( $> 10\%+/-$ ) will be reviewed under the New Equipment & Construction Program
4. These Prescriptive Incentives apply to variable speed control (VSD) compressors.
5. These Prescriptive Incentives apply to air compressors with an operating pressure of 145 psi or below. Compressors with higher operating pressures may be eligible for a Custom Incentive.
6. Minimum air storage requirements as specified in the Compressed Air Incentive form must be met and may include existing air storage to meet the requirement.
7. Air compressor must operate a minimum of 2,000 hours a year.
8. Air compressors with VSDs must have as a minimum a 3% impedance series reactor in its AC power input connection.