

# New Equipment & Construction

## 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) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt	
Please Assign Payment to Contractor. Customer Signature:	Additional Information	Incentive Payment Preference (Check one.) <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) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt

### Section C: DOCUMENT APPROVALS

<b>PRE-INSTALLATION INSPECTION</b>			
Utility Signature	Date		
<b>PRE-APPROVAL OFFER</b>			
Technical Review - Utility Signature	Date		
Utility Signature	Date	Amount of Incentive Offer (\$)	Offer Valid Through:
<p>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.</p>			
Customer Signature:	Date:		
<b>POST-INSTALLATION INSPECTION</b>			
Utility Signature	Date	Total Project Cost (\$)	Amount of Incentive (\$)
Customer Signature	Date		
<b>MANAGEMENT APPROVAL</b>			
Utility Signature	Date		

# NE&C 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	\$140	25 X \$140 = \$3,500
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							

\*Must achieve 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

# Minimum Gallons per CFM recommended by the Compressed Air Challenge

## This is the maximum gallons eligible for Incentive. Installed capacity may be larger.

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

Incentive Per Horsepower	15 to 24	25 to 49	50 to 75
VSD	\$90	\$140	\$125

## NOTES

1. These Prescriptive Incentives apply to single, oil flooded compressed air systems with nameplate ratings  $\geq 15$  HP and  $\leq 75$  HP. Multiple compressed air systems, oil free air compressor systems and compressed air systems  $> 75$  HP may be eligible for a Custom Incentive but must pass a benefit cost test.
2. These Prescriptive incentives apply to air compressors with variable speed control (VSD).
3. 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.
4. 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.
5. Air compressors rated in kW shall be converted to HP as follows:  $\text{kW} / 0.746 = \text{HP}$
6. Air compressor must operate a minimum of 2,000 hours a year.
7. Air compressors with VSDs must have as a minimum a 3% impedance series reactor in its AC power input connection.
8. Prescriptive Dryer Incentives are no longer offered; however they will be considered as a Custom Incentive but must pass a benefit cost test.