

# 2021 PROCESS SYSTEMS INCENTIVE CATALOG SUPPLEMENTAL DATA SHEET

THIS FORM MUST BE ATTACHED TO COMPLETED INCENTIVE APPLICATION AND SUBMITTED TOGETHER. FOR PROJECTS INSTALLED BY 12/31/2021.

## HOW TO FILL OUT THIS FORM

Please refer to:

- The **Process Systems Incentive Catalog** for measure requirements and information.
- Complete the table corresponding to the measure in the catalog.

Attach this form to a completed **Incentive Application** and submit together.

## CUSTOMER INFORMATION

JOB SITE BUSINESS NAME \_\_\_\_\_

JOB SITE ADDRESS \_\_\_\_\_

TRADE ALLY NAME \_\_\_\_\_

<b>A</b>	<b>COMPRESSED AIR LEAK SURVEY AND REPAIR - INCENTIVE CODE: PS4766, AG4767</b>	<b>PAGE 12</b>
<b>ANNUAL HOURS OF OPERATION</b>	<b>SYSTEM OPERATING PRESSURE</b>	<b>TOTAL CONNECTED HP</b>

(Example) 8400	100	110
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<b>B1</b>	<b>VARIABLE SPEED DRIVE (VSD) AIR COMPRESSOR - INCENTIVE CODE: PS2196</b>	<b>PAGE 13</b>
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FIRST SHIFT HRS/WK	FIRST SHIFT AVERAGE SCFM	SECOND SHIFT HRS/WK	SECOND SHIFT AVERAGE SCFM	THIRD SHIFT HRS/WK	THIRD SHIFT AVERAGE SCFM	WEEKEND HRS/SHIFT	WEEKEND AVERAGE SCFM	TOTAL HOURS	AIR COMPRESSOR OPERATING PSIG
(Example) 40	700	40	625	40	500	16	500	136	100

<b>B2</b>	<b>VARIABLE SPEED DRIVE (VSD) AIR COMPRESSOR - INCENTIVE CODE: PS2196</b>	<b>PAGE 13</b>
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EQUIPMENT	USE BEFORE	USE AFTER	CONTROL TYPE	RATED SCFM	PSIG AT RATED PRESSURE	NOMINAL HP	IF TRIM COMPRESSOR, HRS OF OPERATION PER WEEK
Example	<input type="checkbox"/> Lead <input checked="" type="checkbox"/> Trim <input type="checkbox"/> Backup <input type="checkbox"/> New Const Existing Building w/o Air Compressor	<input checked="" type="checkbox"/> Removed <input type="checkbox"/> Emergency Back Up <input type="checkbox"/> Remain in Operation	<input type="checkbox"/> Load/no load <input checked="" type="checkbox"/> Inlet Modulation <input type="checkbox"/> Other _____	800	100	150	NA
Existing Compressor 1	<input type="checkbox"/> Lead <input type="checkbox"/> Trim <input type="checkbox"/> Backup <input type="checkbox"/> New Const Existing Building w/o Air Compressor	<input type="checkbox"/> Removed <input type="checkbox"/> Emergency Back Up <input type="checkbox"/> Remain in Operation	<input type="checkbox"/> Load/no load <input type="checkbox"/> Inlet Modulation <input type="checkbox"/> Other _____				
Existing Compressor 2	<input type="checkbox"/> Lead <input type="checkbox"/> Trim <input type="checkbox"/> Backup <input type="checkbox"/> New Const Existing Building w/o Air Compressor	<input type="checkbox"/> Removed <input type="checkbox"/> Emergency Back Up <input type="checkbox"/> Remain in Operation	<input type="checkbox"/> Load/no load <input type="checkbox"/> Inlet Modulation <input type="checkbox"/> Other: _____				
Existing Compressor 3	<input type="checkbox"/> Lead <input type="checkbox"/> Trim <input type="checkbox"/> Backup <input type="checkbox"/> New Const Existing Building w/o Air Compressor	<input type="checkbox"/> Removed <input type="checkbox"/> Emergency Back Up <input type="checkbox"/> Remain in Operation	<input type="checkbox"/> Load/no load <input type="checkbox"/> Inlet Modulation <input type="checkbox"/> Other: _____				
New VSD Compressor	NA	NA	Variable Speed Drive				

<b>C</b>	<b>DEWPOINT DEMAND CONTROLS FOR DESICCANT DRYERS - INCENTIVE CODE: PS4363</b>	<b>PAGE 15</b>
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HOURS OF OPERATION	AIR COMPRESSOR TYPE	AIR COMPRESSOR CONTROL TYPE	DESICCANT DRYER TYPE
(Example) 4,200	Single Stage Rotary Screw	Variable Speed Drive	Heated Dryer

<b>D</b>	<b>COMPRESSED AIR LOAD SHIFTING - INCENTIVE CODE: PS2848</b>	<b>PAGE 19</b>
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HOURS OF OPERATION	EXISTING AIR COMPRESSOR(S)					REPLACEMENT TECHNOLOGY		COMPLETION DATE (EST.)
	TOTAL HP	AIRFLOW (CFM) @ PRESSURE (PSI)	CONTROL METHOD	SHORT DESCRIPTION	AIRFLOW (CFM)	SHORT DESCRIPTION	HP	
(Example) 4,200	100	450 CFM @ 100 psi	Load/No Load	Blow-off with open tubes	85 CFM	Air knife with blower	2 HP	6/15/2020

**E BOILER COMBUSTION UPGRADES - INCENTIVE CODE: PS4760, PS4761, PS4762 PAGE 22**

PRE-RETROFIT BOILER EFFICIENCY	ANNUAL HOURS OF OPERATION	BOILER LOAD FACTOR
<i>(Example)</i> 81.2%	6,000	85%

**F VARIABLE TORQUE VFD, VSD VACUUM PUMP ≤30 HP - INCENTIVE CODE: PS4361 PAGES 14 OR 24**

**VARIABLE TORQUE VFD - INCENTIVE CODE: PS2726, PS2640, PS2641, PS2647, PS2648**

VFD#	VFD APPLICATION	CONTROLS BEFORE	EQUIPMENT OPERATING HOURS (2,000 HR/YR MIN)	HP CONTROLLED BY VFD	QTY	REQUESTED INCENTIVE* (QTY X HP X INCENTIVE)
<i>Example</i>	<i>Process Fan</i>	<i>Inlet Guide Vanes</i>	6,000	100	1	\$3,500

**G CONSTANT TORQUE VFD, VSD VACUUM PUMP, ≤30 HP - INCENTIVE CODE: PS4362 PAGES 14 OR 25**

**CONSTANT TORQUE VFD - INCENTIVE CODE: PS3280**

VFD#	VFD APPLICATION	CONTROLS BEFORE	CONTROLS AFTER	COMPLETE FOR MANUAL CONTROL					EQUIPMENT OPERATING HOURS (2,000 HR/YR MIN)	HP CONTROLLED BY VFD	QTY	REQUESTED INCENTIVE* (QTY X HP X INCENTIVE)
				ANNUAL HOURS AT 100%	ANNUAL HOURS AT 80%	ANNUAL HOURS AT 60%	ANNUAL HOURS AT 40%	ANNUAL HOURS AT 20%				
<i>Example</i>	<i>Mixer</i>	<i>On/Off</i>	<i>Manual</i>	1,000	500	2,000	2,000	0	5,500	25	1	\$750

**H DATA CENTER AND TELECOM AIR SIDE ECONOMIZER - INCENTIVE CODE: PS4776 PAGE 28**

ECONOMIZER SHUTOFF TEMPERATURE (°F)	SUPPLY AIR TEMPERATURE (°F)	COOLING SYSTEM AHRI EFFICIENCY (EER)	CHILLED WATER SUPPLY TEMPERATURE (IF COOLING SYSTEM IS CHILLER) (°F)	CHILLER COMPRESSOR TYPE (IF APPLICABLE)	COOLING TOWER FAN QTY & HP (IF APPLICABLE)	COOLING TOWER WATER PUMP HP (IF APPLICABLE)
<i>(Example)</i> 65°F	60°F	12 EER	44°F	Scroll	3 @ 20 HP	7°F

**I ENERGY-EFFICIENT DRYCOOLER FOR DATA CENTER AND TELECOM - INCENTIVE CODE: PS2305 PAGE 28**

CRAC UNIT COOLING EFFICIENCY	CRAC UNIT FAN QTY & HP	DRYCOOLER GLYCOL PUMP QTY & HP	DRYCOOLER FAN QTY & HP
<i>(Example)</i> 1.25 kW/ton	1 @ 10 HP	1 @ 2 HP	4 @ 1 HP

**J DATA CENTER AND TELECOM EFFICIENT UPS AND RECTIFIER - INCENTIVE CODE: PS4777, PS4778 PAGE 29**

IT EQUIPMENT LOAD (kW)	OLD UPS / RECTIFIER EFFICIENCY (%)	NEW UPS / RECTIFIER EFFICIENCY (%)	TYPE OF COOLING SYSTEM	COOLING EFFICIENCY AND UNITS
<i>(Example)</i> 52 kW	82%	94%	DX CRAC Units	1.1 kW/ton

**K RADIANT HEATER BANDS - INCENTIVE CODE: PS2490 PAGE 31**

ANNUAL HOURS OF OPERATION	VOLTAGE (IF AVAILABLE)	AVERAGE AMPS BEFORE (IF AVAILABLE)	AVERAGE AMPS AFTER (IF AVAILABLE)	INSTALLED KW OF EXISTING HEATER BANDS	REQUESTED INCENTIVE*
<i>(Example)</i> 4000	460	56.5	48.0	45	\$2,700

\*Focus on Energy may adjust total incentive based on project caps. See measure requirements and Terms and Conditions for more information.

L PRESSURE SCREEN ROTOR - INCENTIVE CODE: PS2496						PAGE 32
HOURS OF OPERATION	VOLTAGE (IF AVAILABLE)	AVERAGE AMPS BEFORE (IF AVAILABLE)	AVERAGE AMPS AFTER (IF AVAILABLE)	HP INSTALLED	REQUESTED INCENTIVE*	
(Example) 6,000	480	150	100	150	\$6,000	

  

M REPULPER ROTOR AND EXTRACTION PLATE - INCENTIVE CODE: PS2538, PS2315							PAGE 32
MEASURE	HOURS OF OPERATION	VOLTAGE (IF AVAILABLE)	AVERAGE AMPS BEFORE (IF AVAILABLE)	AVERAGE AMPS AFTER (IF AVAILABLE)	HP INSTALLED	REQUESTED INCENTIVE*	
Repulper Rotor	(Example) 8,000	2,300	110	90	500	\$15,000	
Extraction Plate							
Repulper Rotor							
Extraction Plate							

  

N SPLINE ROTOR UPGRADE - INCENTIVE CODE: PS4764					PAGE 32
REFINER HP	% LOAD ON REFINER	AVERAGE CONNECTED REFINER HP	REFINER HOURS OF OPERATION	REQUESTED INCENTIVE*	
(Example) 500	85%	425	8,400	\$12,500	

  

O HIGH EFFICIENCY SIDE ENTRY AGITATOR - INCENTIVE CODE: PS4763					PAGE 33
AGITATOR MOTOR HP	% MOTOR LOAD ON AGITATOR	AVERAGE CONNECTED HP	MOTOR HOURS OF OPERATION	REQUESTED INCENTIVE*	
(Example) 100	85%	85	8,400	\$3,000	

  

P INDUSTRIAL HIGH FREQUENCY BATTERY CHARGERS - INCENTIVE CODE: PS4765					PAGE 34
HOW DRAINED ARE THE BATTERIES WHEN PLUGGED INTO CHARGERS?	NUMBER OF CHARGES PER WEEK PER CHARGER	HOURS PER YEAR EACH CHARGER IS IN MAINTENANCE MODE (WHEN A FULLY CHARGED BATTERY IS CONNECTED)	HOURS PER YEAR EACH CHARGER IS IN NO BATTERY MODE (WHEN NO BATTERY IS CONNECTED)		
(Example) 80%	7	365 hrs/yr	2,920 hrs/yr = 8 hrs/day * 365 days/yr		

  

Q PROCESS EXHAUST FILTRATION - INCENTIVE CODE: PS3244					PAGE 35
ANNUAL HOURS OF OPERATION	DAYS/WEEK OPERATION	HEATING SYSTEM EFFICIENCY	REDUCTION IN MAKE-UP CFM	REQUESTED INCENTIVE*	
(Example) 6,000	5	95%	30,000	\$16,500	

\*Focus on Energy may adjust total incentive based on project caps. See measure requirements and Terms and Conditions for more information.