

2021 AGRIBUSINESS INCENTIVE CATALOG SUPPLEMENTAL DATA SHEET (SDS)

THIS FORM MUST BE ATTACHED TO COMPLETED INCENTIVE APPLICATION AND SUBMITTED TOGETHER. FOR PROJECTS INSTALLED BY 12/31/2021. NEED HELP? CALL 800.762.7077

HOW TO FILL OUT THIS FORM

Refer to the **Agribusiness Incentive Catalog** for measure requirements and information.

For Tables G and F:

- If the new equipment is DesignLights Consortium® (DLC) Solid State Lighting (SSL) Qualified Product List (QPL) listed (TRT V5.0 or higher), use the DLC tested data (with the green background) for wattage of new equipment. If the DLC tested data is not available and only family data (with the yellow background) is available, use the wattage listed on the specification sheet of the new equipment if the data is more current than the DLC listed family data.
- If the new equipment is listed under ENERGY STAR®, use the wattage on the ENERGY STAR certification instead of the specification sheet.
- Round both Existing Equipment and New Equipment Wattage to the nearest whole number.

CUSTOMER INFORMATION

JOB SITE BUSINESS NAME

TRADE ALLY NAME

REMINDER

Exact model numbers and manufacturer of equipment installed must be identified on invoicing and any qualified product list when required. For Focus on Energy's Private Label policy, see page 6 of the Agribusiness Incentive Catalog.

A MODULATING DRYER CONTROLS – INCENTIVE CODE: H4902							PAGE 16
DRYER MANUFACTURER	DRYER MODEL	# OF DRYERS	BURNER SIZE (Btu/hr)	DRYER CAPACITY (lbs)	AVG LOADS PER DAY (per dryer)	DAYS OF OPERATION (per year)	AVERAGE DRYING TIME (minutes)
<i>ABC Manufacturing</i>	<i>XYZ123</i>	<i>1</i>	<i>60,000</i>	<i>25</i>	<i>5</i>	<i>250</i>	<i>35</i>

B1 GRAIN DRYER HISTORICAL DATA – INCENTIVE CODE: AG3386							PAGE 17
CROPS USED IN DRYER	2019			2020			2021
	# OF BUSHELS DRIED	PRE-MOISTURE %	POST-MOISTURE %	# OF BUSHELS DRIED	PRE-MOISTURE %	POST-MOISTURE %	ESTIMATED # OF BUSHELS TO BE DRIED
<i>(Example) Corn</i>	<i>240,000</i>	<i>22%</i>	<i>15%</i>	<i>240,000</i>	<i>20%</i>	<i>15%</i>	<i>250,000</i>

B2 EXISTING GRAIN DRYER PERFORMANCE – INCENTIVE CODE: AG3386							PAGE 17
EXISTING GRAIN DRYER MAKE AND MODEL #	DRYER TYPE (CONT. CROSS FLOW, BATCH CROSS FLOW, ETC.)	BUSHELS/HR DRYING CAPACITY*	HP OF DRYER FANS	DRYING AIRFLOW (CFM)	PLENUM DRYING TEMP (°F)	BTU/LB H ₂ O (IF KNOWN)	
<i>Example</i>	<i>Cont. Cross Flow</i>	<i>1,000</i>	<i>40</i>	<i>48,000</i>	<i>200°F</i>	<i>2700</i>	

B3 PROPOSED GRAIN DRYER PERFORMANCE – INCENTIVE CODE: AG3386							PAGE 17
PROPOSED GRAIN DRYER MAKE AND MODEL #	DRYER TYPE (CONT. CROSS FLOW, BATCH CROSS FLOW, ETC.)	BUSHELS/HR DRYING CAPACITY*	HP OF DRYER FANS	DRYING AIRFLOW (CFM)	PLENUM DRYING TEMP (°F)	BTU/LB H ₂ O (IF KNOWN)	ENERGY EFFICIENCY FEATURES OF PROPOSED GRAIN DRYER (SEE PG. 50 FOR COMPLETE LIST)
<i>Example</i>	<i>Cont. Cross Flow</i>	<i>1,500</i>	<i>40</i>	<i>67,000</i>	<i>190°F</i>	<i>2,350</i>	<i>Differential Grain Speed, Grain Heat Recovery</i>

*Corn drying capacity is at 10% moisture reduction with dryer in full heat mode.

C **GRAIN DRYER TUNE-UP — INCENTIVE CODE: AG4901** **PAGE 17**

DRYER TYPE	2019 BUSHEL OF CORN DRIED	2020 BUSHEL OF CORN DRIED
___ CONTINUOUS FLOW BIN ___ MIXED FLOW ___ HIGH TEMP BATCH BIN ___ CROSS-FLOW BATCH ___ CONTINUOUS ___ CROSS-FLOW ___ TOWER	110,000	125,000

D1 **IRRIGATION WELL PUMP HP REDUCTION — INCENTIVE CODE: AG2434** **PAGE 18**

EQUIP #	ANNUAL MOTOR RUNTIME (HRS)	EXISTING MOTOR HP	EXISTING MOTOR LOAD FACTOR	EXISTING MOTOR EFFICIENCY (% IF KNOWN)	PROPOSED MOTOR HP	PROPOSED MOTOR LOAD FACTOR	PROPOSED MOTOR EFFICIENCY (% IF KNOWN)
<i>Example</i>	700	50	0.75	93%	30	0.90	93.6%

D2 **IRRIGATION WELL PUMP HP REDUCTION — INCENTIVE CODE: AG2434** **PAGE 18**

Approximately how often does your well pump operate to irrigate crops during peak demand hours from 1pm-4pm, Monday-Friday, during June, July, August? (Check one)

>90% of the time 50% - 90% of the time 10% - 50% of the time <10% of the time

E1 **GREENHOUSE CLIMATE CONTROLS — INCENTIVE CODE: AG598** **PAGE 19**

GREENHOUSE FLOOR TYPE	GREENHOUSE LENGTH (FT)	GREENHOUSE WIDTH (FT)	GREENHOUSE SIDE WALL HEIGHT (FT)	GREENHOUSE PEAK HEIGHT (FT)	ROOF GLAZING TYPE OR U-VALUE	SIDE WALL MATERIAL TYPE OR U-VALUE
<i>(Example) Concrete</i>	100	60	12	18	Triple Polycarbonate/0.5	Double Polycarbonate/0.58

E2 **GREENHOUSE CLIMATE CONTROLS — INCENTIVE CODE: AG598** **PAGE 19**

NATURAL GAS HEATER EFFICIENCY (%)	MAIN HEATING SYSTEM TYPE (MAKE & MODEL)	PERCENTAGE OF SPACE HEATED
<i>(Example) 80%</i>	Unit Heater (Modine PTP200)	100%

E3 **GREENHOUSE CLIMATE CONTROLS — INCENTIVE CODE: AG598** **PAGE 19**

MONTHS	EXISTING DAILY SETPOINT (°F)	EXISTING NIGHTLY SETPOINT (°F)	PROPOSED DAILY SETPOINT (°F)	PROPOSED NIGHTLY SETPOINT (°F)
<i>(Example) (April - June)</i>	70	65	68	62
January - March				
April - June				
July - September				
October - December				

F **WATTAGE REDUCTION WORKSHEET FOR WATTS REDUCED MEASURES** **PAGE 25, 26, 30, 31**
INCENTIVE CODE: L4354, AG4703, L4356, L3963

EQUIP #	TYPE OF EXISTING EQUIPMENT	(A) ROUNDED WATTAGE OF EXISTING EQUIPMENT PER FIXTURE	(B) QUANTITY OF EXISTING EQUIPMENT	TYPE OF NEW EQUIPMENT	(C) ROUNDED WATTAGE OF NEW EQUIPMENT PER FIXTURE	(D) QUANTITY OF NEW EQUIPMENT*	(E) WATTS REDUCED PER FIXTURE (A - C)	(F) INCENTIVE PER WATT REDUCED (\$/Watt Reduced)	REQUESTED INCENTIVE* (D x E x F)
<i>Example</i>	Mogul Screw- Base	455 <i>2.5x proposed (new construction)</i>	1	200W LED	200	1	255	\$0.10/W reduced	\$25.50

*Existing and proposed fixture quantity must be the same except for signage measures.

**Focus on Energy may adjust total incentive based on projects caps or variances in wattages provided for existing or proposed conditions.

G LIGHTING POWER DENSITY (LPD) INCENTIVE CODE: L4948 PAGE 28

(A) SQUARE FOOTAGE	(B) HOU (FROM TABLE ON PG. 28)	(C) BASELINE W/FT ² (FROM TABLE ON PG. 28)	(D) NEW SYSTEM WATTAGE (W)	(E) NEW SYSTEM W/FT ² (D/A)	(F) W/FT ² REDUCED (C-E)	(G) KWH REDUCED ([A X B X F]/ 1000)	(H) INCENTIVE RATE (kWh/FT ² REDUCED)	(I) REQUESTED INCENTIVE* (G X H)
(Example) 22,000	3,968	0.50	8,170	0.37	0.13	11,348	\$0.04	\$453.92

H1 VARIABLE FREQUENCY DRIVES (VFD) – INCENTIVE CODE: AG4043, AG2639, AG4411, AG4949, AG3777, AG4413, AG3835, AG4414, AG3836, AG4412 PAGES 40, 41

VFD #	VFD APPLICATION	CONTROLS BEFORE VFD	EQUIPMENT OPERATING HOURS	HP CONTROLLED BY VFD	QUANTITY	REQUESTED INCENTIVE* (HP X QTY X \$/HP)
Example	Irrigation Well Pump	On/Off	700	50	1	\$2,500

H2 VARIABLE FREQUENCY DRIVES (VFD) – INCENTIVE CODE: AG4949 PAGES 40, 41

Approximately how often does your well pump operate to irrigate crops during peak demand hours from 1pm-4pm, Monday-Friday, during June, July, August? (Check one)

>90% of the time 50% - 90% of the time 10% - 50% of the time <10% of the time

H3 VARIABLE FREQUENCY DRIVES (VFD): CONSTANT TORQUE MANUAL CONTROL – INCENTIVE CODE: AG3836, AG4412 PAGE 41

HOURS AT 100% MOTOR SPEED	HOURS AT 90% MOTOR SPEED	HOURS AT 80% MOTOR SPEED	HOURS AT 70% MOTOR SPEED	HOURS AT 60% MOTOR SPEED	HOURS AT 50% MOTOR SPEED	HOURS AT 40% MOTOR SPEED	HOURS AT 30% MOTOR SPEED	HOURS AT 20% MOTOR SPEED	HOURS AT 10% MOTOR SPEED
<i>Sum of entered hours in each cell should equal the annual operating hours entered above in table H1.</i>									

I COMPRESSED AIR LEAK SURVEY AND REPAIR – INCENTIVE CODE: AG4767 PAGE 42

ANNUAL HOURS OF OPERATION	SYSTEM OPERATING PRESSURE	TOTAL CONNECTED HP
(Example) 8400	100	110

J1 VARIABLE SPEED DRIVE (VSD) AIR COMPRESSOR – INCENTIVE CODE: PS2196 PAGE 42

FIRST SHIFT HRS/WEEK	FIRST SHIFT AVERAGE SCFM	SECOND SHIFT HRS/WEEK	SECOND SHIFT AVERAGE SCFM	THIRD SHIFT HRS/WEEK	THIRD SHIFT AVERAGE SCFM	WEEKEND HRS/WEEK	WEEKEND AVERAGE SCFM	TOTAL HOURS	AIR COMPRESSOR OPERATING PSG
(Example) 40	700	40	625	40	500	16	500	136	100

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

EQUIPMENT	USE BEFORE	USE AFTER	CONTROL TYPE	RATED SCFM	PSIG AT RATED PRESSURE	NOMINAL HP	IF TRIM COMPRESSOR, HRS OF OPERATION PER WEEK
<i>Example</i>	<input type="checkbox"/> <i>Lead</i> <input checked="" type="checkbox"/> <i>Trim</i> <input type="checkbox"/> <i>Backup</i> <input type="checkbox"/> <i>New Const</i> <input type="checkbox"/> <i>Existing Building w/o Air Compressor</i>	<input checked="" type="checkbox"/> <i>Removed</i> <input type="checkbox"/> <i>Emergency Back Up</i>	<input type="checkbox"/> <i>Load/no load</i> <input checked="" type="checkbox"/> <i>Inlet Modulation</i> <input type="checkbox"/> <i>Other: _____</i>	800	100	150	NA
<i>Old Compressor 1</i>	<input type="checkbox"/> <i>Lead</i> <input type="checkbox"/> <i>Trim</i> <input type="checkbox"/> <i>Backup</i> <input type="checkbox"/> <i>New Const</i> <input type="checkbox"/> <i>Existing Building w/o Air Compressor</i>	<input type="checkbox"/> <i>Removed</i> <input type="checkbox"/> <i>Emergency Back Up</i>	<input type="checkbox"/> <i>Load/no load</i> <input type="checkbox"/> <i>Inlet Modulation</i> <input type="checkbox"/> <i>Other: _____</i>				
<i>Old Compressor 2</i>	<input type="checkbox"/> <i>Lead</i> <input type="checkbox"/> <i>Trim</i> <input type="checkbox"/> <i>Backup</i> <input type="checkbox"/> <i>New Const</i> <input type="checkbox"/> <i>Existing Building w/o Air Compressor</i>	<input type="checkbox"/> <i>Removed</i> <input type="checkbox"/> <i>Emergency Back Up</i>	<input type="checkbox"/> <i>Load/no load</i> <input type="checkbox"/> <i>Inlet Modulation</i> <input type="checkbox"/> <i>Other: _____</i>				
<i>Old Compressor 3</i>	<input type="checkbox"/> <i>Lead</i> <input type="checkbox"/> <i>Trim</i> <input type="checkbox"/> <i>Backup</i> <input type="checkbox"/> <i>New Const</i> <input type="checkbox"/> <i>Existing Building w/o Air Compressor</i>	<input type="checkbox"/> <i>Removed</i> <input type="checkbox"/> <i>Emergency Back Up</i>	<input type="checkbox"/> <i>Load/no load</i> <input type="checkbox"/> <i>Inlet Modulation</i> <input type="checkbox"/> <i>Other: _____</i>				
<i>New VSD Compressor</i>	NA	NA	<i>Variable Speed Drive</i>				

EQUIP #	OUTSIDE AIR FLOW (CFM)	DISCHARGE AIR TEMP (°F)	WEEKDAY START TIME	WEEKDAY END TIME	SATURDAY START TIME	SATURDAY END TIME	SUNDAY START TIME	SUNDAY END TIME
<i>Example</i>	5,000	65	7 AM	10 AM	8 AM	2 PM	Off	\$off

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