

2020 AGRIBUSINESS INCENTIVE CATALOG SUPPLEMENTAL DATA SHEET

THIS FORM MUST BE ATTACHED TO COMPLETED INCENTIVE APPLICATION AND SUBMITTED TOGETHER FOR PROJECTS INSTALLED BY 12/31/2020. 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 B and C:

- If the new equipment is listed under DesignLights Consortium® (DLC) TRT V4.4 or higher, use the tested data for wattage of new equipment (green background). If the tested data is not available and only family data is available (yellow background), then use the wattage listed on the specification sheet of the new equipment.
- If the new equipment is listed under ENERGY STAR®, then 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, visit focusonenergy.com/private_label_policy.

A MODULATING DRYER CONTROLS – INCENTIVE CODE: H4902								PAGE 18
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)	
ABC Manufacturing	XYZ123	1	60,000	25	5	250	35	

B WATTAGE REDUCTION WORKSHEET FOR WATTS REDUCED MEASURES									PAGE 25, 26, 30, 32
INCENTIVE CODE: L4354, AG4703, L4356, L3963									
EQUIP #	TYPE OF EXISTING EQUIPMENT	(A) QUANTITY OF FIXTURES	(B) ROUNDED WATTAGE OF EXISTING EQUIPMENT PER FIXTURE	TYPE OF NEW EQUIPMENT	(C) ROUNDED WATTAGE OF NEW EQUIPMENT PER FIXTURE	(D) WATTS REDUCED PER FIXTURE (B - C)	(E) INCENTIVE PER WATT REDUCED (\$/Watt Reduced)	REQUESTED INCENTIVE* (A x D x E)	
Example	Mogul Screw-Base	1	455	200W LED	200	255	\$0.10/W reduced	\$25.50	

C LIGHTING POWER DENSITY (LPD)									PAGE 28
INCENTIVE CODE: L4948									
(A) SQUARE FOOTAGE	(B) HOU (FROM TABLE ON PG. 28)	(C) BASELINE W/FT² (FROM TABLE ON PG. 28)	(D) NEW SYSTEM WATTAGE (W)	(E) NEW SYSTEM W/FT² (D/A)	(F) W/FT² REDUCED (C-E)	(G) KWH REDUCED ([A x B x F] / 1000)	(H) INCENTIVE RATE (kWh/FT² REDUCED)	(I) REQUESTED INCENTIVE* (G x H)	
(Example) 22,000	4,698	0.50	8,170	0.37	0.13	13,436	\$0.04	\$537.44	

D1 VARIABLE FREQUENCY DRIVES (VFD) – INCENTIVE CODE:							PAGES 40, 41, 51
AG4043, AG2639, AG4411, AG4949, AG3777, AG4413, AG3835, AG4414, AG3836, AG4412							
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	

*Focus on Energy may adjust total incentive based on project caps.

See measure requirements and Terms and Conditions for more information.

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

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

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
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Sum of entered hours in each cell should equal the annual operating hours entered above in table D1.

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

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

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"/> X Trim <input type="checkbox"/> Backup <input type="checkbox"/> New Const Existing Building w/o Air Compressor	<input checked="" type="checkbox"/> X Removed <input type="checkbox"/> Emergency Back Up	<input type="checkbox"/> Load/no load <input checked="" type="checkbox"/> X Inlet Modulation Other: _____	800	100	150	NA
Old 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"/> Load/no load <input type="checkbox"/> Inlet Modulation Other: _____				
Old 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"/> Load/no load <input type="checkbox"/> Inlet Modulation Other: _____				
Old 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"/> Load/no load <input type="checkbox"/> Inlet Modulation Other: _____				
New VSD Compressor	NA	NA	Variable Speed Drive				

CROPS USED IN DRYER	2018			2019			2020
	# OF BUSHELS DRIED	PRE-MOISTURE %	POST-MOISTURE %	# OF BUSHELS DRIED	PRE-MOISTURE %	POST-MOISTURE %	ESTIMATED # OF BUSHELS TO BE DRIED
(Example) Corn	240,000	22%	15%	240,000	20%	15%	250,000

G2 **EXISTING GRAIN DRYER PERFORMANCE – INCENTIVE CODE: AG3386** **PAGE 50**

EXISTING GRAIN DRYER MAKE AND MODEL #	DRYER TYPE (CONT. CROSS FLOW, BATCH CROSS FLOW, ETC.)	BUSHEL/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>1000</i>	<i>40</i>	<i>48,000</i>	<i>200°F</i>	<i>2700</i>

G3 **PROPOSED GRAIN DRYER PERFORMANCE – INCENTIVE CODE: AG3386** **PAGE 50**

PROPOSED GRAIN DRYER MAKE AND MODEL #	DRYER TYPE (CONT. CROSS FLOW, BATCH CROSS FLOW, ETC.)	BUSHEL/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>1500</i>	<i>40</i>	<i>67,000</i>	<i>190°F</i>	<i>2350</i>	<i>Differential Grain Speed, Grain Heat Recovery</i>

H **GRAIN DRYER TUNE-UP – INCENTIVE CODE: AG4901** **PAGE 50**

DRYER TYPE	2018 BUSHEL/HR OF CORN DRIED	2019 BUSHEL/HR OF CORN DRIED
<i>(Example) Cont. Cross Flow</i>	<i>110,000</i>	<i>125,000</i>

I1 **IRRIGATION WELL PUMP HP REDUCTION – INCENTIVE CODE: AG2434** **PAGE 51**

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>	<i>700</i>	<i>50</i>	<i>0.75</i>	<i>93%</i>	<i>30</i>	<i>0.90</i>	<i>93.6%</i>

I2 **IRRIGATION WELL PUMP HP REDUCTION – INCENTIVE CODE: AG2434** **PAGE 51**

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

J1 **GREENHOUSE CLIMATE CONTROLS – INCENTIVE CODE: AG598** **PAGE 54**

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>	<i>100</i>	<i>60</i>	<i>12</i>	<i>18</i>	<i>Triple Polycarbonate/0.5</i>	<i>Double Polycarbonate/0.58</i>

J2 **GREENHOUSE CLIMATE CONTROLS – INCENTIVE CODE: AG598** **PAGE 54**

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

J3 **GREENHOUSE CLIMATE CONTROLS – INCENTIVE CODE: AG598** **PAGE 54**

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

*Corn drying capacity is at 10% moisture reduction.