2024 AGRIBUSINESS INCENTIVE CATALOG SUPPLEMENTAL DATA SHEET (SDS)

THIS FORM MUST BE ATTACHED TO COMPLETED INCENTIVE APPLICATION AND SUBMITTED TOGETHER. FOR PROJECTS INSTALLED BY 12/31/2024. **NEED HELP? CALL 800.762.7077**

| Refer | • | siness Inc | entive Catalog | | ' | | | CUS | STO I | MER IN | NFORI | MATION | | | | |
|--------|--|-----------------------------|---|--|---|----------|---|------------------------|-----------------------------|--|----------|------------------------------------|--------------------------------------|--|--|--|
| the ca | | | e table correspo o a completed Ir | | | | | JOB S | ITE BU | ISINESS N | AME | | | | | |
| | | | | | | | | TRADI | E ALLY | NAME | | | | | | |
| A1 | EXISTING | GRAIN I | DRYER — INCI | NTIVE | CODE: AG | 338 | 6 | | | | | | | PAGE 14 | | |
| EX | ISTING GRAIN D | RYER MAKE | AND MODEL # | | | | | | DRY | ER TYPE | (Check o | ne) | | | | |
| | (Exam | iple) ABC 12 | 3 | | | l Contin | uous Cross- | Flow (Inc | ludes ' | Tower) | ☐ Contir | nuous Flow In- | Bin 🗖 Mixed Flow | , | | |
| | | | | | | Recircu | lating Cross | -Flow Bat | tch | ☐ High Te | | re Batch Bin | ☐ Batch Cross-Flo | w | | |
| A2 | PROPOSE | D GRAIN | N DRYER PERI | ORMA | NCE — IN | CENT | IVE COL | DE: AG | 338 | 6 | | | | PAGE 14 | | |
| D | PPOSED GRAIN PRYER MAKE ND MODEL # | ACRES OF CORN PLANTED | DRYER TYPE (CONT. CROSS FLOW BATCH CROSS FLOW | w, | BUSHELS/HR DRYING CAPACITY [†] | | HP OF ER FANS | DRYIN AIRFLO | ow | PLEN DRYING | TEMP | BTU/LB H ₂ C | OF PROPOS | FICIENCY FEATURES SED GRAIN DRYER FOR COMPLETE LIST) | | |
| (Ex | ample) XYZ456 | 1,500 | Cont. Cross Flo | w | 1,500 | | 40 | 67,00 | 00 | 190 |)°F | 2,350 | | al Grain Speed, eat Recovery | | |
| B1 | IRRIGATIO | N WELL | PUMP HP RE | DUCTIO | ON — INCI | ENTI | /E CODE | : AG2 | 434 | | | | | PAGE 15 | | |
| | EQUIP# | | ANNUAL MOTOR RUNTIME (HRS) | | ISTING TOR HP | | ING MOTOR | ` E | STING FFICIE % IF KNO | | | POSED FOR HP | PROPOSED MOTOR LOAD FACTOR | PROPOSED MOTOR EFFICIENCY (% IF KNOWN) | | |
| | (Example) Wel | 11 | 700 | | 50 | | 0.75 | | 93% | 6 | | 30 | 0.90 | 93.6% | | |
| | | | | | | | | | | | | | | | | |
| B2 | IRRIGATIO | ON WELL | PUMP HP RE | DUCTIO | ON — INCI | ENTI | /E CODE | : AG2 | 434 | | | | | PAGE 15 | | |
| | PPROXIMATELY I | | | L PUMP C | PERATE TO II | RRIGAT | E CROPS D | URING F | PEAK [| DEMAND | HOURS F | ROM 2PM-6F | PM, MONDAY-FRIDA | Y, DURING JUNE, | | |
| | | | □ >90% of the tim | e | □ 50%–909 | % of the | time | 1 | 0%–50 | 0% of the t | ime | - <10% | of the time | | | |
| С | LIGHTING | POWER | DENSITY (LP | D) — IN | CENTIVE | COD | E: L4948 | 3 | | | | | | PAGE 2 | | |
| | (A) SQUARE FOOTAGE | (E HC | BASELI DU (FROM | C) NE W/FT ² I TABLE PG. 21) | (D) NEW SYS [*] WATTAGE | | (E) NEW SY W/F ⁻ (D/A | STEM T ² | R | (F) W/FT ² EEDUCED (C-E) | | (G) VH REDUCED XXBXF]/ 1000) | (H) INCENTIVE RATE (KWH/FT² REDUCED) | (I) REQUESTED INCENTIVE* (G X H) | | |
| (Ex | xample) 22,000 | 3,9 | 68 | .5 | 8,170 | | 0.3 | 7 | | 0.13 | | 11,348 | \$0.04 | \$453.92 | | |
| | | | | | | | | | | | | | | | | |



VFD # VFD APPLICATION CONTROLS BEFORE VFD OPERATING HOURS BY VFD QUANTITY REQUESTED INCENTIVE (HP X GTY X \$/HP)

(Example) Pump 1 Irrigation Well Pump On/Off 700 50 1 \$2,500

D2 VARIABLE FREQUENCY DRIVES (VFD) — INCENTIVE CODE: AG4949

PAGE 15, 30

| APPROXIMATELY HOW OFTEN DOES YOUR WELL PUMP OPERATE TO IRRIGATE CROPS DURING |
|--|
| PEAK DEMAND HOURS FROM 2PM-6PM, MONDAY-FRIDAY, DURING JUNE, JULY, AUGUST, SEPTEMBER? (CHECK ONE) |

□ >90% of the time

■ 50%-90% of the time

☐ 10%-50% of the time

 \square <10% of the time

D3 VARIABLE FREQUENCY DRIVES (VFD): CONSTANT TORQUE MANUAL CONTROL — INCENTIVE CODE: AG3836, AG4412 PAGE 31

| 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 |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Sum of entered h | ours in each cell s | should equal the an | inual operating ho | urs entered above | in table D1. | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

E1 VARIABLE SPEED DRIVE (VSD) AIR COMPRESSOR — INCENTIVE CODE: PS2196

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| 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 |
| | | | | | | | | | |

E2 VARIABLE SPEED DRIVE (VSD) AIR COMPRESSOR — INCENTIVE CODE: PS2196

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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) Compressor 1 | LeadX_TrimBackupNew ConstExisting Building w/o Air Compressor | X RemovedEmergency Back UpRemain in Operation | Load/no load X_Inlet ModulationOther: | 800 | 100 | 150 | NA |
| Existing Compressor 1 | LeadTrimBackupNew ConstExisting Building w/o Air Compressor | RemovedEmergency Back UpRemain in Operation | Load/no loadInlet ModulationOther: | | | | |
| Existing Compressor 2 | LeadTrimBackupNew ConstExisting Building w/o Air Compressor | RemovedEmergency Back UpRemain in Operation | Load/no loadInlet ModulationOther: | | | | |
| Existing Compressor 3 | LeadTrimBackupNew ConstExisting Building w/o Air Compressor | RemovedEmergency Back UpRemain in Operation | Load/no loadInlet ModulationOther: | | | | |
| New VSD Compressor | NA | NA | Variable Speed Drive | | | | |

F1 DIRECT-FIRED MAKE-UP AIR UNITS (CONSTANT VOLUME) — INCENTIVE CODE: H5081

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| 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 |
|-----------------|---------------------------|----------------------------|-----------------------|---------------------|------------------------|----------------------|----------------------|--------------------|
| (Example) MAU 1 | 5,000 | 65 | 7:00 AM | 10:00 AM | 8:00 AM | 2:00 PM | Off | Off |
| | | | | | | | | |
| | | | | | | | | |

F2 DIRECT-FIRED MAKE-UP AIR UNITS (VARIABLE AIR VOLUME) — INCENTIVE CODE: H10030

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| 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 | SUPPLY FAN | OPERATION (ALL YEAR/ HEAT ONLY) |
|--------------------|---------------------------|----------------------------|-----------------------|---------------------|------------------------|----------------------|----------------------|--------------------|------------|---------------------------------------|
| (Example) MAU 1 | 5,000 | 65 | 7:00 AM | 10:00 PM | 8:00 AM | 2:00 PM | Off | Off | 7.5 | All Year |
| | | | | | | | | | | |
| | | | | | | | | | | |