

PE STAMP:

KEY PLAN:

## REVISIONS:

| NO. | DATE       | DESCRIPTION           |
|-----|------------|-----------------------|
| 0   | 02/29/2024 | AES PERMITTING LAYOUT |
| 1   | 09/13/2024 | UPDATED BESS YARDS    |
| 2   | 10/02/2024 | AES PERMITTING LAYOUT |
|     |            |                       |
|     |            |                       |
|     |            |                       |
|     |            |                       |
|     |            |                       |

|                |  |
|----------------|--|
| PROJECT TITLE: |  |
|----------------|--|

YAMPA

PROJECT LOCATION:

MOFFAT COUNTY,  
COLORADO  
(40.4715, -107.6709)

SHEET TITLE & DESCRIPTION:

## PERMITTING LAYOUT

199MW PV  
+  
100MW BESS (4 HR)

PROJ

DES:

**DWN:**

CHK:

APV:

DATE: 02/29/2024

0 500' 1,000' 1,500' 2,000'

$$1'' = 1,000$$

SHEET NO:

REV:

## GENERAL NOTES

1. THIS DRAWING IS PRELIMINARY AND FOR ESTIMATING PURPOSES ONLY. IT IS NOT FOR CONSTRUCTION.
2. LOCATION OF ALL EXISTING ITEMS IS APPROXIMATE AND MUST BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION.
3. ALL SPECIFIED EQUIPMENT IS PRELIMINARY. FINAL EQUIPMENT SELECTION SHALL BE APPROVED BY OWNER.

## SHEET NOTES

 SITE ENTRANCE W/ 20' GATE

### LEGEND

EXISTING

SITE BOUNDARY  
 MAJOR PUBLIC ROAD  
 APPROXIMATE WETLAND  
 WASH / DRAINAGE  
 WATERS OF THE US 100' SETBACK  
 GREATER SAGE GROUSE HABITAT  
 345KV OVERHEAD TRANSMISSION LINE  
 EXISTING OIL/GAS WELL  
 OIL/GAS WELL LEASE AREA  
 BUILDING

## PROPOSED

## SYSTEM DETAILS

|                                      |                 |
|--------------------------------------|-----------------|
| AC CAPACITY AT POI                   | 199.0 MW        |
| DC CAPACITY                          | 250.0 MW        |
| DC:AC RATIO AT POI                   | 1.25            |
| DESIGN TEMPERATURE                   | 33.9° C         |
| JINKO JKM590N MODULE COUNT           | 423,956         |
| STRING SIZE                          | 26 MODULES      |
| PITCH                                | 51'             |
| INTER-ROW SPACING (MODULE TO MODULE) | 36'             |
| GCR                                  | 29.8%           |
| SUNGROW SG4400U PCS COUNT            | 64              |
| PCS NAMEPLATE RATING                 | 4.400 MVA       |
| DERATED PCS CAPACITY                 | 4.421 MVA       |
| RACKING TYPE                         | SOLTEC 2P       |
| TRACKER MOTOR COUNT                  | 5,541           |
| 3 STRING TRACKER ROWS                | 5,224           |
| 2 STRING TRACKER ROWS                | 317             |
| BESS DURATION                        | 4 HR            |
| BESS INSTALLED ENERGY, BOL           | 400 MWh         |
| BATTERY MODULE (MANUF - MODEL)       | SAMSUNG SDI E5S |
| BATTERY STRING LENGTH (# OF MODULES) | 12              |
| STRINGS PER CONTAINER BOL            | 19              |
| CONTAINER TYPE                       | ISO 40'         |
| CONTAINER COUNT BOL                  | 76              |
| BESS GPTECH V730 PCS COUNT           | 38              |
| BESS PCS NAMEPLATE RATING            | 3.6074 MVA      |
| TOTAL PARCEL ACREAGE                 | 3,850           |
| LINEAR FEET OF FENCE                 | 92,225'         |
| FENCED ACREAGE                       | 1,466           |
| NUMBER OF SITE ENTRANCES             | 2               |

ISSUED FOR  
PERMITTING  
NOT FOR CONSTRUCTION