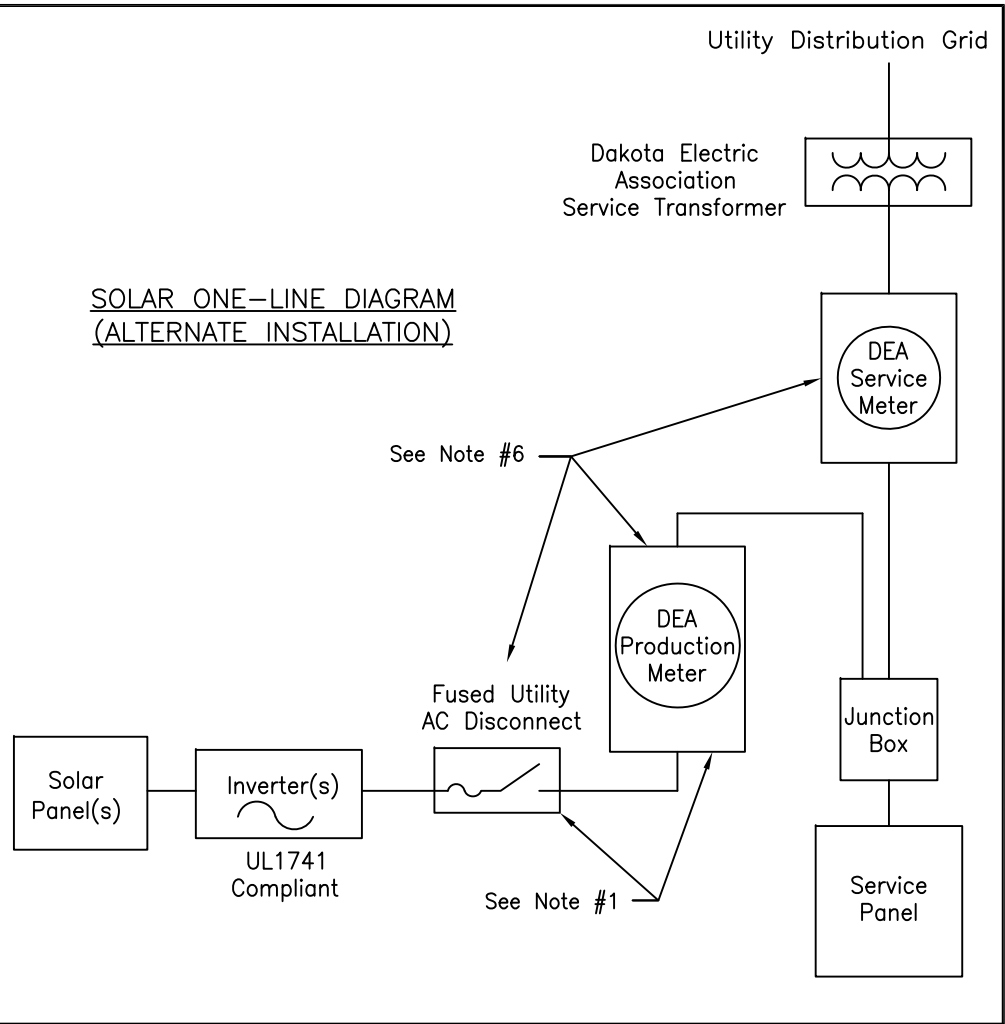


NOTES:

1. The production meter and AC disconnect shall be installed within 10' of the main DEA service meter and readily accessible to Dakota Electric personnel.
2. The AC disconnect must be fused and located within 10' from the junction box per NEC Code 705.31 (2014 Edition) when connecting to the supply side of the service panel. The AC fused disconnect and junction box must be rated for the application and be available to the Utility 24/7.
3. Tapping the solar PV circuit directly from the DEA service meter socket is permitted but not preferred.
4. The AC disconnect shall be installed between the solar PV inverter(s) and the production meter.
5. The output of the solar PV system shall be connected to the bottom lugs of the production meter socket.



NOTES:

6. The DEA service meter shall be labeled "MAIN/SOLAR", the DEA production meter shall be labeled "PRODUCTION", and the Utility AC disconnect shall be labeled "UTILITY AC DISCONNECT".

DAKOTA ELECTRIC ASSOCIATION

GUIDE DRAWING

THIS DRAWING WAS DEVELOPED FOR
A TYPICAL INSTALLATION AND MAY
NOT BE APPLICABLE TO ALL
INSTALLATIONS CONSULT AN EXPERT
FOR FINAL INSTALLATION DESIGN

RESIDENTIAL SOLAR
INSTALLATION REQUIREMENTS
DIAGRAM WITH PRODUCTION
METERING

OWNER DEA
DATE 09/27/19

NO.
MTR-SOLAR