**Customer Information:**
Name: ___________________________
Phone #: _________________________
Account #: _______________________

**Address/Location/Sec/Twn/Rng of Renewable Energy System**
__________________________________________________________________

**Nearest Street Intersection**
__________________________________________________________________

**Engineer:** ______________________  Phone #: _______________________

**Facilities served with 3 phase conductors shall have a 3 phase inverter connected to Black Hills. 3 Single Phase inverters are not an acceptable substitute.**

**Notes:** Complete or provide all information requested in double bordered boxes above, failure to provide all information could result in a rejection of the application.  Follow all diagrams and instructions above, failure to do so could result in denial of interconnection permit.  Provide one Level 2 document per meter being interconnected.
Black Hills Energy Colorado Electric
Typical Hookup Diagram for Interconnection of All Renewable Energy Systems

- Line Terminals
- BI-DIR Billing Meter
- Load Terminals
- Line Terminals
- Customer Main Panel
- Load Terminals
- Line Terminals
- AC Disconnect Switch
- Load Terminals
- Utility Accessible AC Disconnect
  Lockable, with visible open (i.e. Knife Blade)
  Labeled by Customer: "Customer Generation AC Disconnect"
- Line Terminals
- Production Meter
- Load Terminals
- Line Terminals
- 200 Amp Production Meter Socket provided by and Installed by Customer
- Customer Generation Inverter must be wired to the Line Terminals of the Production Meter Socket
- Verify meter socket size and type with BHE Meter Shop prior to installation: 719-546-6512

- Customer Solar Panels
- +/- DC-AC INVERTER
- CUSTOMER SOLAR OR CUSTOMER WIND

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