	<b>Operating Procedure</b>	<b>Procedure No.</b>	750-03
		<b>Revision No.</b>	1
		<b>Effective Date</b>	5/7/2018
<b>Energy Storage Procedure</b>		<b>Distribution Restriction: None</b>	

The Production Meter will need to read the same values for the same intervals as the net meter. The no-export requirement does not allow compensation to be paid for exported energy storage power that is other than 100% eligible renewable energy. See Diagram 1B for an example one line.

**ADDITIONAL INFORMATION**

*All installations shall comply with latest revisions of local, state, and federal regulations, the NEC, NESC, NFPA, and IEEE.*

*Each diagram provides the representative configuration in principle and may have other features not reflected in the diagram but the operational principle shall be consistent with the operational principle demonstrated by the diagram. The desired functionality may be controlled by inverter or control system programming. The diagrams are attached at the end of the text and are considered a part of this guidance.*

*Configurations may vary and can supply power to a protected load panel, or the main load panel.*

*IREA reserves the right to conduct an inspection to verify compliance at a later date if problems arise; indications of possible non-compliance are present, etc.*

Diagram 1A

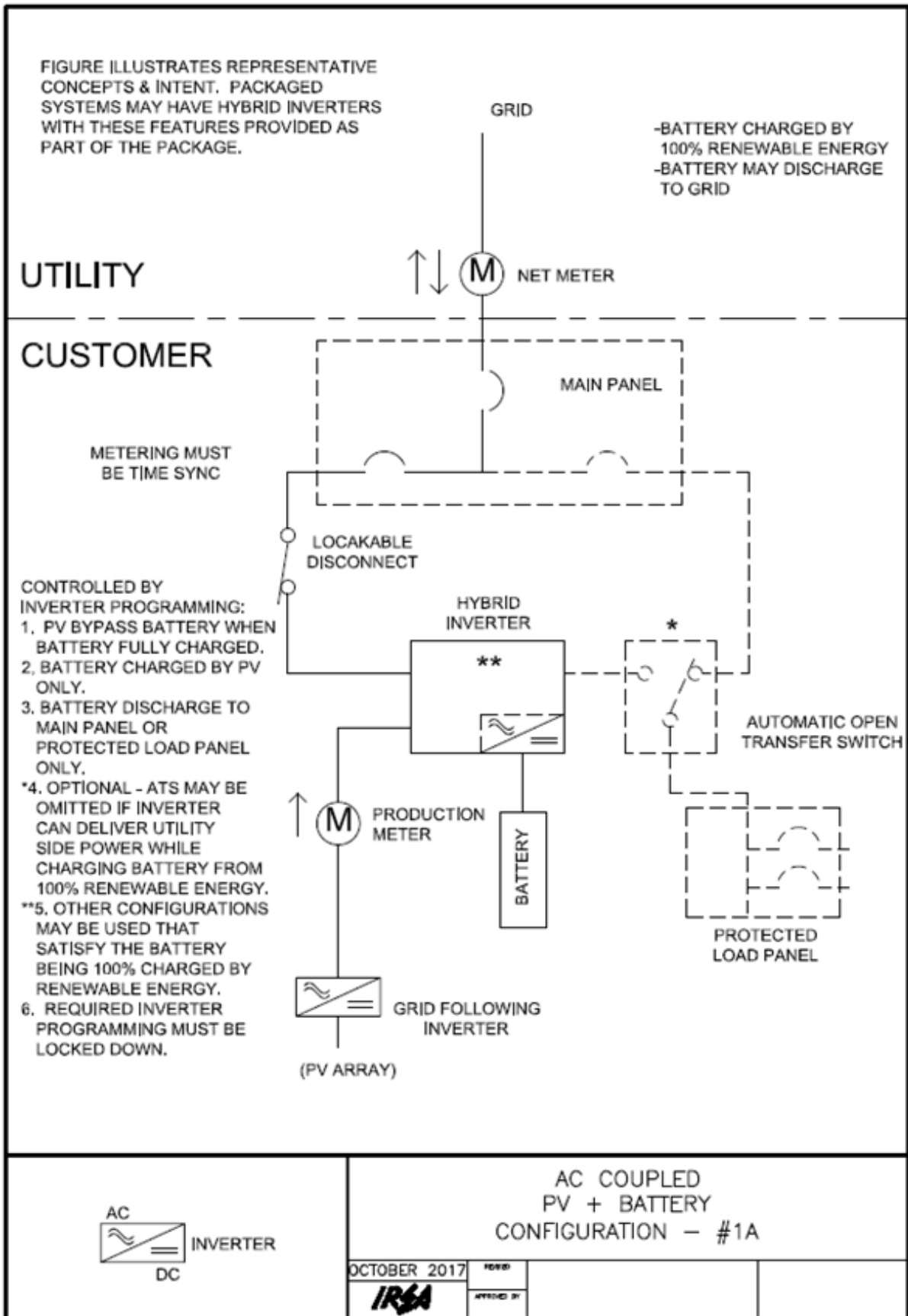
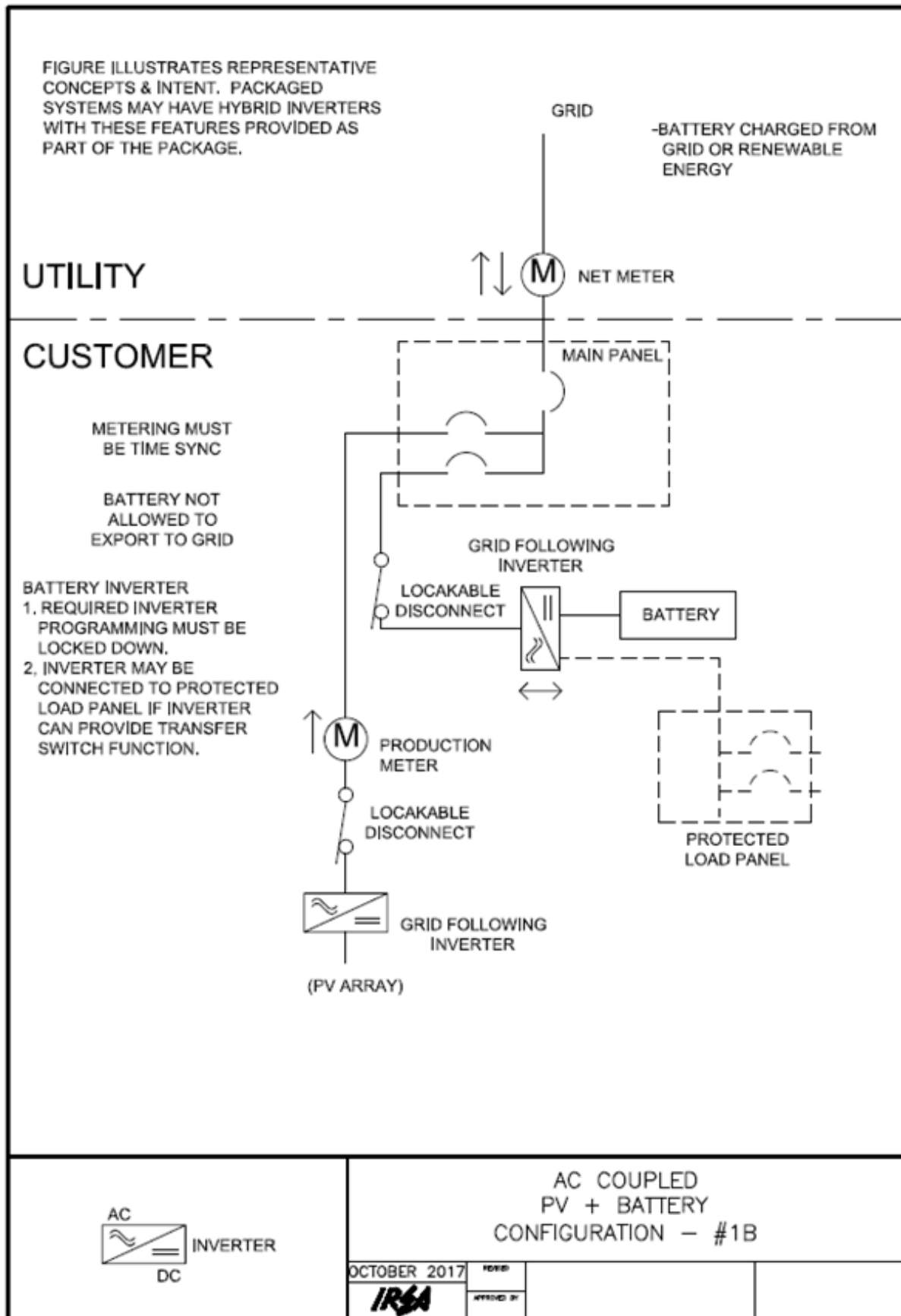


Diagram 1B



**Application for Interconnecting a Certified Inverter-Based Energy Storage Device**

Interconnection Customer Information

Name: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Account Number: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Contact Phone Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Equipment Installation Contractor/Electrical Contractor (If different from above)

Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Contact Phone Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Small Generating Facility Information

Renewable Energy Generation: \_\_\_\_\_ System AC Rating : \_\_\_\_\_ ( kW)

Location (if different from above): \_\_\_\_\_

Inverter Manufacturer: \_\_\_\_\_ Model \_\_\_\_\_

Energy Storage AC Rating: \_\_\_\_\_ (kW) \_\_\_\_\_ (AC Amps) \_\_\_\_\_ (AC Volts)

Adjustable Power Factor: \_\_\_\_\_ Power Factor Setting: \_\_\_\_\_

Single Phase      Three Phase

Estimated Installation Date: \_\_\_\_\_ Estimated In-Service Date: \_\_\_\_\_

Inverter Programming/Configuration: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Please include the following documents:

One Line Diagram

Site Plan

Site Control Documentation

Personal Liability Insurance Documentation (\$300,000 minimum)

\$100.00 Application Processing Fee



This Application shall be deemed complete when the Interconnection Customer provides all applicable and correct information required below, as well as any additional information required by the Association to evaluate the Request. The terms of this Application are governed by the provisions applicable to the Energy Storage Procedure, as the same may be amended, modified or restated from time to time.

**Interconnection Customer Signature**

I hereby certify that, to the best of my knowledge, the information provided in this Application is true. I agree to abide by the Terms and Conditions for Interconnecting an Inverter-Based Small Generating Facility No Larger than ten (10) kW for residential or twenty-five (25) kW for commercial nor larger than 120% of the twelve (12) month historical usage at the meter location and return the Certificate of Completion when the Small Generating Facility has been installed. I further agree that IREA shall be entitled to any renewable energy credits or other similar attributes associated with the production of electricity by the equipment referred to in this application upon interconnection of that equipment, until such time as IREA is notified in writing of the transfer or assignment of such credits or attributes to a third party.

**I UNDERSTAND THAT THE ASSOCIATION HAS THE RIGHT TO CHANGE ITS RATES AT ANY TIME AND THAT FUTURE REVISIONS MAY INCLUDE A REDUCTION IN THE ENERGY CREDIT RATE, THE ADDITION OF A DEMAND CHARGE, AN INCREASED SERVICE CHARGE, A MODIFICATION TO THE COMPENSATION PAID FOR ANNUAL EXCESS GENERATION, OR OTHER CHANGES THAT WOULD ALLOW IREA TO RECOVER COSTS OF PROVIDING SERVICE TO NET METERING AND OTHER CUSTOMERS.**

**I UNDERSTAND THAT SUCH REVISIONS, IF ADOPTED, MAY AFFECT THE RELATIVE COSTS AND ECONOMIC BENEFITS OF MY GENERATION EQUIPMENT AND I ACKNOWLEDGE THAT IN AGREEING TO INTERCONNECT MY GENERATION EQUIPMENT, IREA RESERVES ITS RIGHT TO ESTABLISH RATES DESIGNED TO FULLY RECOVER ITS COSTS AND MAKES NO COMMITMENT TO ME THAT IT WILL CONTINUE ITS CURRENT RATES OR RATE STRUCTURE FOR ANY PERIOD OF TIME.**

Signed: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Contingent Approval to Interconnect the Small Generating Facility**

*(For Association use only)*

Interconnection of the Small Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting an Inverter-Based Small Generating Facility No Larger than ten (10) kW for residential or twenty-five (25) kW for commercial and return of the Certificate of Completion.

Association Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_