



Solar Notes:

1. The inverters shall be UL 1741 compliant.
2. The external load break disconnect shall provide a visible open between its contacts, have the ability to be locked in the open position and have 24/7 ready access for utility workers.
3. One-line diagram must meet the minimum requirements of PSC 119.10
4. A laminated copy of the one-line diagram must be located near metering equipment and protected from the environment.

Customer Substation Notes:

1. Full list of requirements can be found here: <https://www.wisconsinpublicservice.com/partners/builders/manual/section5.pdf> (Page 5-12)
2. Transformers less than 3000kVA shall be grounded wye primary, grounded wye secondary with a triplex core.
3. One-line shows the minimum overcurrent protective requirements.
4. Customer loadbreak switch and fuses can be replaced with a recloser with line side disconnect switches.
5. Utility owned equipment shown in Blue.
6. Customer owned equipment shown in Black.

One Line Diagram – Primary Metering – WPS Overhead solar customer substation with secondary service for customer loads		
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