Pierce Pepin Cooperative Services

Wiring Diagram for Current Transformer (CT) submetering of Off-peak Electric Revised: Tuesday, February 16, 2016

Contact Information:

If you have any questions on other off-peak metering options, please call -

PPCS

Load Control (LC)

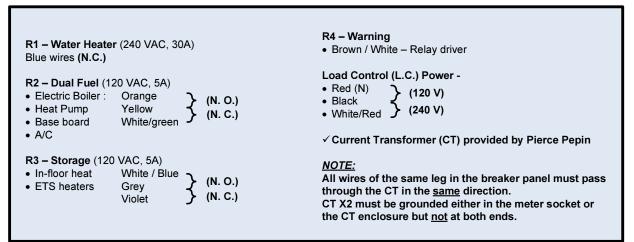
H1

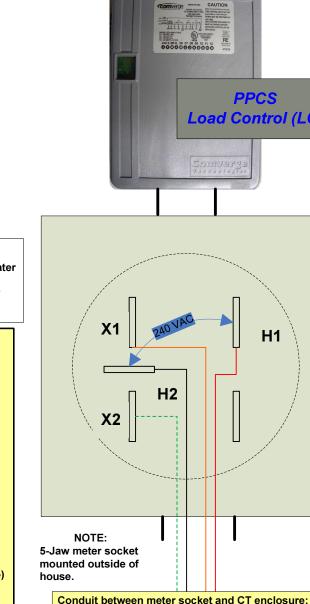
H2

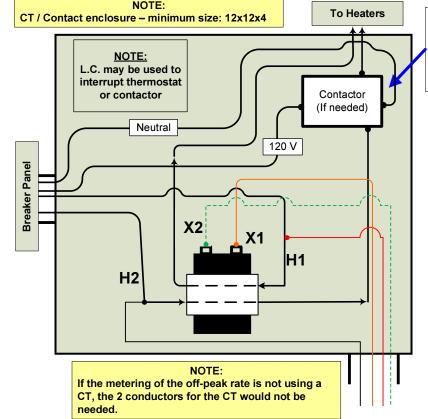
X2

Minimum ¾" ID

Member Services Manager - Jay Nesseth 715/273-4355 ext. 114







NOTE:

- No Contactor is needed for the Water Heater (use 30A relay in L.C.)
- Use contactors with 120 V coils, normally open contacts

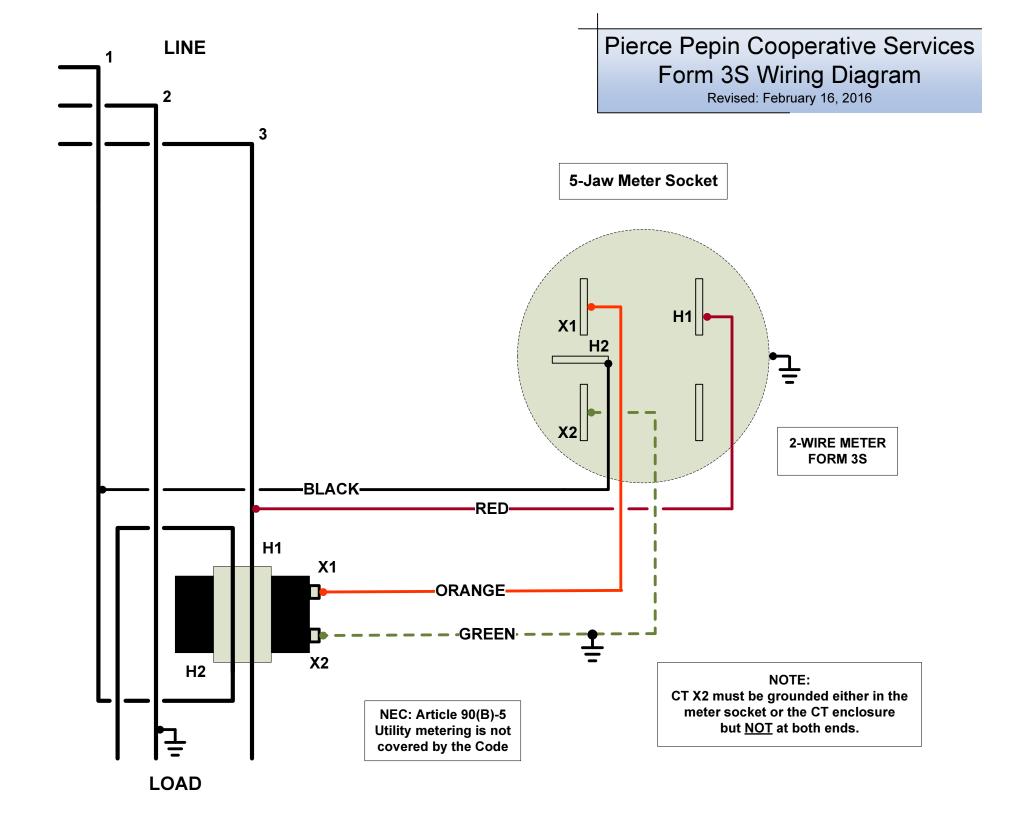
Wire sizes & colors pulled/ran by **Electrician from Members panel**

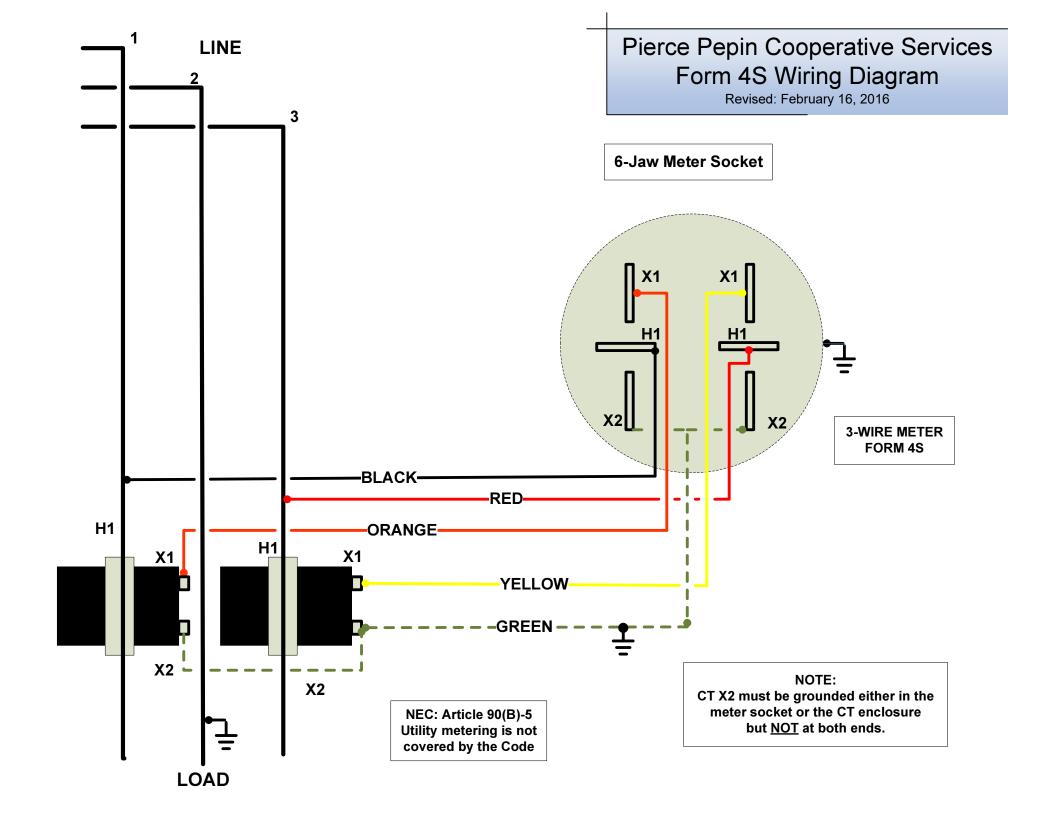
- 2 Blue #10 THHN (Water Heater)
- 2 Yellow #12 THHN (Dual Fuel: Electric heat / A/C)
- 2 Purple #12 THHN (Storage Heat)
- 2 Brown #14 THHN (Alert) [If needed]
- 1 Black (H2) (240 V) #12 THHN 1 - Red (H1)
- 1 Orange (X1) **#12 THHN**
- 1 Green (X2) **#12 THHN**

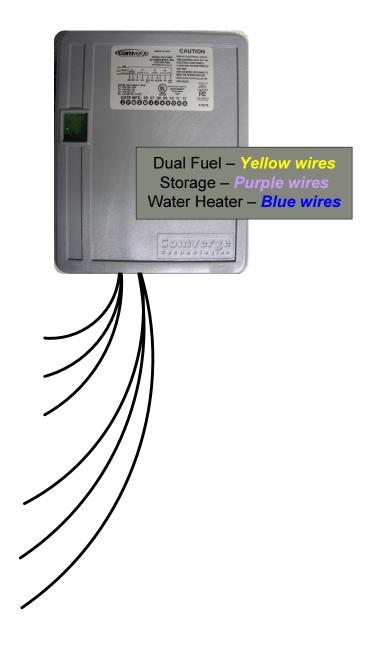
(NOTE: Check CT burden table to verify wire size)

1 - Green #12 THHN to ground

meter socket







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Off Peak Wiring Diagram

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