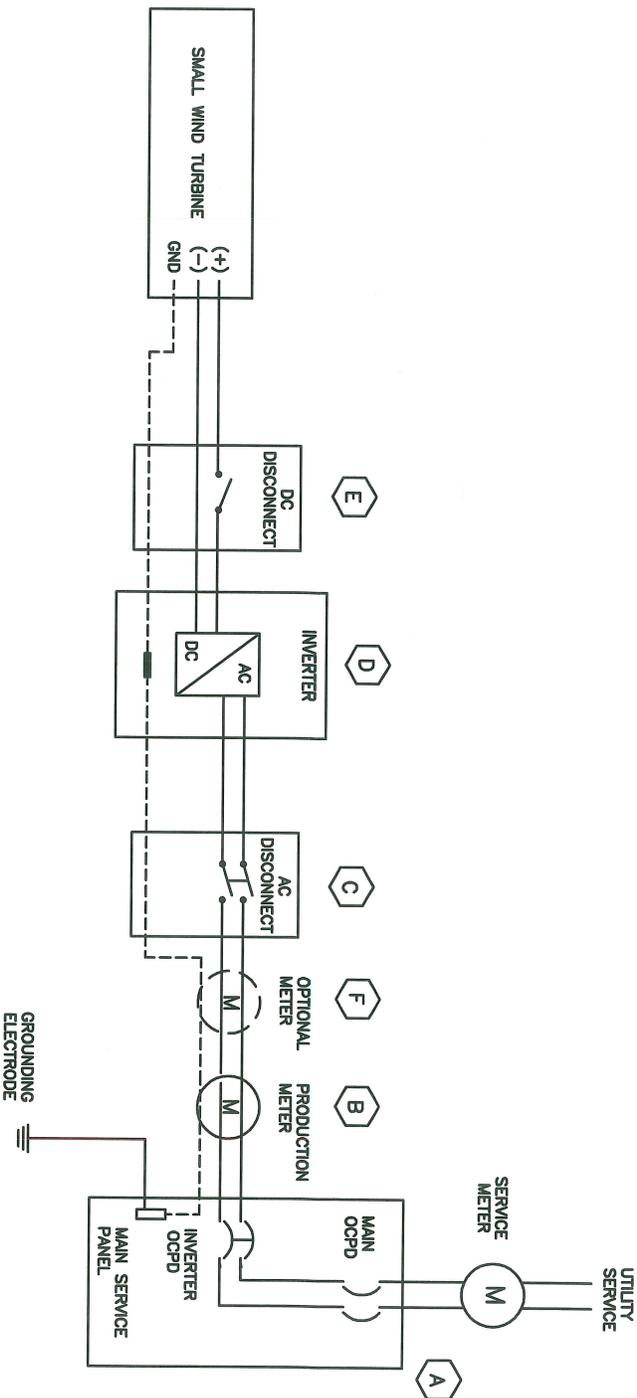


THIS STANDARD SHOWS THE REQUIREMENTS FOR A SMALL WIND SINGLE-PHASE BASIC SYSTEM.



NOTES:

- A. MAIN SERVICE PANEL MUST COMPLY WITH NEC ARTICLES 694.50 AND 705.10.
 - B. PRODUCTION METER PROVIDED AND INSTALLED BY C.O.B. ELECTRIC DEPARTMENT AT CUSTOMERS EXPENSE. METER SOCKET PROVIDED BY INSTALLER.
 - CENTER OF METER MUST BE INSTALLED BETWEEN 4'0" AND 6'3" ABOVE FINAL GRADE.
 - C. UTILITY AC DISCONNECT TO BE LOCATED WITHIN 10' OF SERVICE PANEL. MUST COMPLY WITH NEC ARTICLES 694.22 AND 694.50.
 - D. INVERTER MUST COMPLY WITH UL1741 AND NEC ARTICLES 694.18 AND 694.22. GROUNDING ELECTRODE SYSTEM MUST COMPLY WITH NEC ARTICLE 694.40.
 - E. DC DISCONNECT MUST COMPLY WITH NEC ARTICLES 694.22 AND 694.50.
 - SEPARATE DC DISCONNECT IS REQUIRED ONLY IF INVERTER HAS AN INTEGRATED (NOT SEPARATED) DC DISCONNECT.
 - F. A LEASED SYSTEM MAY INCLUDE A SEPARATE METER BETWEEN THE AC DISCONNECT AND PRODUCTION METER, PROVIDED & INSTALLED BY THE LEASING COMPANY.
- SIGNS OR DIRECTORIES SHALL BE ATTACHED TO THE ELECTRIC EQUIPMENT OR LOCATED ADJACENT TO THE IDENTIFIED EQUIPMENT. SIGNS SHOULD BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT. ALL PLAQUES SHALL BE PERMANENTLY ATTACHED TO SURFACE OF ELECTRICAL EQUIPMENT BY MEANS OF EPOXY, SCREWS, OR RIVETS. OUTDOOR SIGNS SHALL BE EITHER METAL OR PLASTIC WITH ENGRAVED OR MACHINE PRINTED LETTERS, OR ELECTRO-PHOTO PLATING, IN A CONTRASTING COLOR TO THE SIGN BACKGROUND. SPACE REQUIREMENTS FOR ELECTRICAL EQUIPMENT SHALL COMPLY WITH CEC ARTICLE 110.26.

REVISED: 04/27/2011

APPROVED:

[Signature] 11-7-11

STANDARD DRAWINGS

SMALL WIND SINGLE-PHASE SYSTEM DIAGRAM

SD

600-90

