SAMPLE WIND DIAGRAM

NOTES DENOTED WITH < > ARE REFERENCED FROM SHEET 3
This Sample Drawing is for Illustration purposes only and is not to be used for design or construction. This drawing and its suitability for end use is not implied. The intent is only to illustrate typical minimum information required at time of application to APS. Additional information may be required.
NOTES:

<0> DASHED LINES INDICATE EXISTING EQUIPMENT.

<1> ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE NEC AND ALL APPLICABLE REQUIREMENTS OF THE SERVING ELECTRIC UTILITY COMPANY AND OF THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ).

<2> BI-DIRECTIONAL UTILITY METER TO BE INSTALLED BY UTILITY COMPANY.

<3> LABEL BREAKER "WIND SYSTEM POWER SOURCE" PER NEC 705.10 AND "BREAKERS ARE BACKFED"

<4> LABEL "WIND SYSTEM UTILITY DISCONNECT SWITCH". SWITCH COVER TO BE LOCKED AT ALL TIMES. SWITCH TO BE VISIBLE BLADE AND ACCESSIBLE PER UTILITY REQUIREMENTS AND CONFORM TO NEC 705.22.

<5> LABEL "WIND SYSTEM DC DISCONNECT SWITCH".

<6> LABEL "WIND SYSTEM DEDICATED KWH METER".

<7> PROVIDE WARNING SIGN PER NEC 705.22(4) READING, "WARNING-ELECTRIC SHOCK HAZARD-DO NOT TOUCH TERMINALS-TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OFF POSITION".

<8> LISTING AGENCY NAMES AND NUMBERS TO BE INDICATED ON POWER INVERTER PER NEC 110.3(B).

<9> LABEL "DEDICATED WIND SYSTEM COMBINER PANEL" AND "LOADS NOT TO BE ADDED TO THIS COMBINER PANEL".

<10> GEC TO BE INSTALLED AS REQUIRED BY MANUFACTURER INSTRUCTIONS AND NEC 250.64.

<11> INVERTER IS LOCATED IN THE NACELLE, INTERGRATED WITH THE TURBINE

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NOTE: UTILITY HAS 24-HR UNRESTRICTED ACCESS TO UTILITY DISCONNECT SWITCH AND kWh METER(S)

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COMPANY NAME

COMPANY
ADDRESS
Phone #: 

SITE LOCATION MAP
1.8 kW WIND SYSTEM
999 N. CACTUS BIRD RD.
ANY CITY, AZ 85123

Drawn: 05-12-08
Scale: None
Drawing No: Sh 5 of 5

Rev Description Date
2 CHANGED TITLE 11-11-2008