

MAG BUILDING CODES COMMITTEE
Permit Submittal Requirements
Residential (Single-Family) Solar Photovoltaic (PV) Systems
For Utility Grid-Tie Connection

Revised August 2008

In an effort to promote uniformity through MAG jurisdictions under the purview of life safety (NEC Article 690), the following submittal requirements are proposed as a MAG standard for securing necessary electrical/building permits for residential (single-family) photovoltaic (PV) systems:

1. Location of PV installation indicated on plans (roof plan and elevation).
2. Mounting details for PV panel installation.
3. Electrical one-line and three-line (showing phases, neutral and ground) diagram.
4. Cut sheet and listing for inverter (DC to AC conversion).
5. Note on plans that PV equipment shall be installed in accordance with NEC 690 and posted with applicable warnings, signage & plaques per NEC 705-10, 690-17 & 690-64(b)(5).

Local planning and zoning regulations, involving such requirements as setback, height limitations, color, reflectivity or other design considerations, may apply. See the local governing jurisdiction for further information.