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I. INTRODUCTION
II. DISTRIBUTION LINE FAULTS AND GROUNDING
C. BIV. CONSIDERATIONS FOR PV INVERTER EFFECTIVE GROUNDING

Effective Grounding using the inverter's internal transformer
Effective Grounding using a grounding bank

Many grid tied PV inverters have an internal transformer. If the transformer is wye-delta configured with the wye on the grid side, the neutral terminal can be used for effective grounding as shown in Figure 3 a). In most of the cases, the grid voltages are well balanced and the distribution loads contain limited harmonic current. In that case, th...
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