

## Brief Introduction :

NFPA 70: NEC 2011&NEC 2014, Article 690, Part III Disconnecting Means

APsystems Microinverter systems do not require installation of any additional rooftop AC disconnect equipment. Though APsystems Microinverters are mounted within the PV array, the connectors have been evaluated, as part of the product listing, as meeting the requirements of 690.33, NEC 2011 & 690.33, NEC 2014, and the connectors meet the disconnect requirements of 690.14, NEC 2011 & 690.15, NEC 2014.

The AC circuit breaker in the distribution panel serves as an additional AC disconnecting means per 690.14(D)(3), NEC 2011 & 690.15(A)(3), NEC 2014. When this distribution panel is located near ground level, the installation meets the requirements of 690.14(C)(1), NEC 2011 & 690.13(A), NEC 2014.

Authorities Having Jurisdiction (AHJs) requiring yet another disconnecting means on the rooftop or near the Microinverters should refer to the following single line drawing. An additional disconnect is unnecessary as the APsystems Microinverter system meets the code as described.

