



Department of Planning

POLICY NOTICE

PN 0002 – Jan 2022

DATA LOGGER

Purpose

The Department of Planning in an initiative to improve customer service has developed this Policy Notice to advise the public of changes in policy that may affect permit applications or building inspections.

Consideration:

NEC section 220.87 (1), exception, requires an ammeter or power meter (data logger) to be in place for 30 days as an alternative to calculating the load in article 220 Parts II, III, and IV. Where it is determined that the maximum demand data for 1 year is not available. Consideration should be given to reducing the 30 days that a data logger is required to be in place to record the demand of the feeder or service taken when the building or space is occupied.

Determination:

The exception to NEC220.87(1) is amended to allow the recording period for one-family dwellings, two-family dwellings and townhouse to be reduced to **15 days**, provided all conditions of 220.87 apply

NEC220.87 (1) the maximum demand data is available for a 1-year period.

Exception as amended;

*Exception: If the maximum demand data for a 1-year period is not available, the calculated load shall be permitted to be based on the maximum demand (measure of average power demand over a 15 minute period) continuously recorded over a **minimum 15 day** period using a recording ammeter or power meter connected to the highest loaded phase of the feeder or service, based on the initial loading at the start of the recording. The recording shall reflect the maximum demand of the feeder or service by being taken when the building or space is occupied and shall include by measurement or calculation the larger of the heating or cooling*

equipment load, and other loads that may be periodic in nature due to seasonal or similar conditions.

Ammeter and Power Meter Expiration Period (all applications i.e. Residential, commercial, industrial)

An ammeter or power meter demand recording is permitted for an electrical plan review submission provided it is submitted within six months from the date the recording was taken.

Once an ammeter or power meter demand recording is submitted and approved, the recording is permitted to be submitted for subsequent electrical applications provided the submission occur within 1 year from the date the recording was taken.