

WG14 Issues - CIM Issues #7290

Protection and Operational Mode Settings

07/29/2025 11:30 AM - Scott Coe

Status:	New	
Priority:	High	
Target version:		
Author/Contact Info:		Standard(s):
Base Release:		Version:
Solution to be Applied To:		Clause:
Solution Version:		Sub-Clause:
Solution Applied By:		Paragraph:
Completion Date:		Table:
CIM Keywords:	61968-Assets, 61970-Protection	Originally Closed in Version:
Breaking Change:		Origination Date:
Breaking Change Description:		Origination ID:
CIM Impacted Groups:	WG13, WG14	Currently Assigned To:
Requestor:		

Description

Smart inverter settings are almost universally referenced via IEEE 1547 and there is a separate issue (Issue [#7289](#)) to capture the capabilities of a particular smart inverter make/model/version. This issue is to track smart inverter settings which can be (a) defined regionally for all smart inverters or perhaps all smart inverters of a given size or (b) per device. In either case, the modelling can be associated as (a) a named profile or (b) a direct link to specific instance. In both cases the SETTINGS must be within the range defined by the CAPABILITY to be associated with InverterInfo.

Proposed Solution

Add modelling as shown in the attached file. There should be some discussion to determine the best "home" for this as one could also make an argument for this extension living in the Enterprise world since it related to managing settings of an ASSET, even though those settings are derived from results of studies of the EQUIPMENT.

Files			
InverterSettings.jpg	614 KB	07/29/2025	Scott Coe