

Shall trip function	Required settings in MA		Comparison to IEEE Std 1547-2018 default settings and ranges of allowable settings for Category II		
	Voltage (p.u. of nominal voltage)	Clearing time (s)	Voltage	Clearing time	Within ranges of allowable settings?
OV2	1.20	0.16	Identical	Identical	Yes
OV1	1.10	2.0 ⁽¹⁾	Identical	Identical	Yes
UV1	0.88	2.0	Higher (default is 0.70)	Much shorter (default is 10 s)	Yes
UV2	0.50	1.1	Slightly higher (default is 0.45 p.u.)	Much longer (default is 0.16 s)	Yes

(1) Clearing time reduced from 2.1 seconds to 2.0 seconds to agree with revised 1547

Shall trip function	Required settings in MA		Comparison to IEEE Std 1547-2018 default settings and ranges of allowable settings for Category I, Category II, and Category III		
	Frequency (Hz)	Clearing time (s)	Frequency	Clearing time	Within ranges of allowable settings?
OF2	62.0	0.16	Identical	Identical	Yes
OF1	61.2 ⁽²⁾	300.0	Identical	Identical	Yes
UF1	58.5	300.0	Identical	Identical	Yes
UF2	56.5	0.16	Identical	Identical	Yes

(2) Frequency increased from 60.6 to 61.2 to agree with revised 1547

Table III: Inverters' voltage ride through settings

Ride-Through Voltage (%)	Operating Mode	Ride-Through Time (seconds)
$120 \leq V$	N/A	No ride through
$110 \leq V < 120$	Momentary Cessation	1.9
$88 < V < 110$	Continuous Operation	Infinite
$50 \leq V \leq 88$	Mandatory Operation	1.9
$V < 50$	Momentary Cessation	1.0

Table IV: Inverters' frequency ride through capability

Frequency range (Hz)	Operating Mode	Ride Through time(s)
f > 62.0	N/A	N/A
61.2 ≤ f < 62.0⁽³⁾	Mandatory Operation	299
58.5 < f < 61.2⁽³⁾	Continuous Operation	Infinite
57.0 < f ≤ 58.5	Mandatory Operation	299
f ≤ 57.0⁽⁴⁾	N/A	N/A

(3) Frequency increased from 60.6 to 61.2 to agree with revised 1547

(4) Frequency increased from 56.5 to 57.0 to agree with revised 1547