

Grid Profile Settings Report

PREPA off-grid frequency-watt 83 /Hz

Parameter Name		Value
GRID SPECIFICATION		
Reference voltage	127.0 V	
Nominal frequency	60.00 Hz	
VOLTAGE LIMITS		
Over voltage disconnect	Time	Magnitude
Limit (fast)	160 ms	144.00 V
Limit (slow)	1,000 ms	141.00 V
Average over voltage		144.00 V
Under voltage disconnect	Time	Magnitude
Limit (fast)	160 ms	54.00 V
Limit (mid)	1,000 ms	72.00 V
Limit (slow)	2,000 ms	102.00 V
Reconnect voltage	Magnitude	
High	139.70 V	
Low	103.00 V	
FREQUENCY LIMITS		
Over frequency disconnect	Time	Magnitude
Limit (fast)	160 ms	65.00 Hz
Limit (slow)	1,000 ms	61.80 Hz
Under frequency disconnect	Time	Magnitude
Limit	160 ms	50.00 Hz

Parameter Name		Value
Reconnect frequency		Magnitude
High		61.00 Hz
Low		59.30 Hz
RECONNECT		
Start / Reconnect time		5 s
Anti-islanding reconnect time (long)		5 s
OVER FREQUENCY POWER LIMIT		
Over frequency power limit enabled		Yes
Start frequency		60.20 Hz
Start delay		0.0 ms
Ramp down rate		83.00 %/Hz
Hysteresis		No
Ramp up frequency (max)		60.10 Hz
Ramp up frequency (min)		56.00 Hz
Ramp up delay time		15.0 s
Ramp up rate		4.000 %/s
Ramp up rate (low)		2.000 %/s