

GPM PPC – certificate

Guayepo

Date: 2024-10-01

Modified: 2024-11-07

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1 CERTIFICATE FOR GPM PPC

This is to certify the parameters configured in the Power Plant Controller (PPC) implemented and tested in the renewable solar plant of **GUAYEPO**, in Colombia, managed by ENEL Green Power.

Please see below in the table the parameters defined:

Parameter	Range		Current Settings
	Minimum	Maximum	
Primary Voltage Statism [%]	4%	24%	8%
Primary Voltage regulation Deadband [%]	0%	1,2%	0 %
Primary Frequency Statism [%]	1%	7%	4%
Primary Frequency regulation Deadband [mHz]	0 mHz	150 mHz	30 mHz
Active power ramp [kW/min]	18500 kW/min	74000 kW/min	51800 kW/min

The serial numbers of the embedded computer where the GPM PPC software (version 0.18.1 or higher) runs are TBADB1075406, TBADB1075379, TBADB1075346, TBADB1075401

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