

GPM PPC – certificate

Fundación

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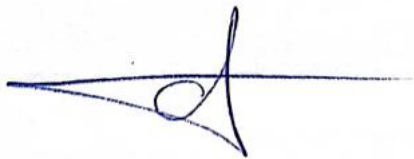
1 CERTIFICATE FOR GPM PPC

This is to certify the parameters configured in the Power Plant Controller (PPC) implemented and tested in the renewable solar plant of **FUNDACIÓN**, 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 [V]	0 V	1,2 V	0 V
Primary Frecuency Statism [%]	1%	7%	4%
Primary Frecuency regulation Deadband [mHz]	0 mHz	150 mHz	30 mHz
Active power ramp [kW/min]	5.000 kW/min	15.000 kW/min	13.986 kW/min

The serial numbers of the embedded computer where the GPM PPC software (version 0.9.0 or higher) runs are TBBCB1133017, TBBCB1133134, TBBCB1133070, TBBCB1133110, TBBCB1132990 and TBBCB1133054.



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