

Reference List: PV plants connected to islands grids

NOVEMBER, 2013

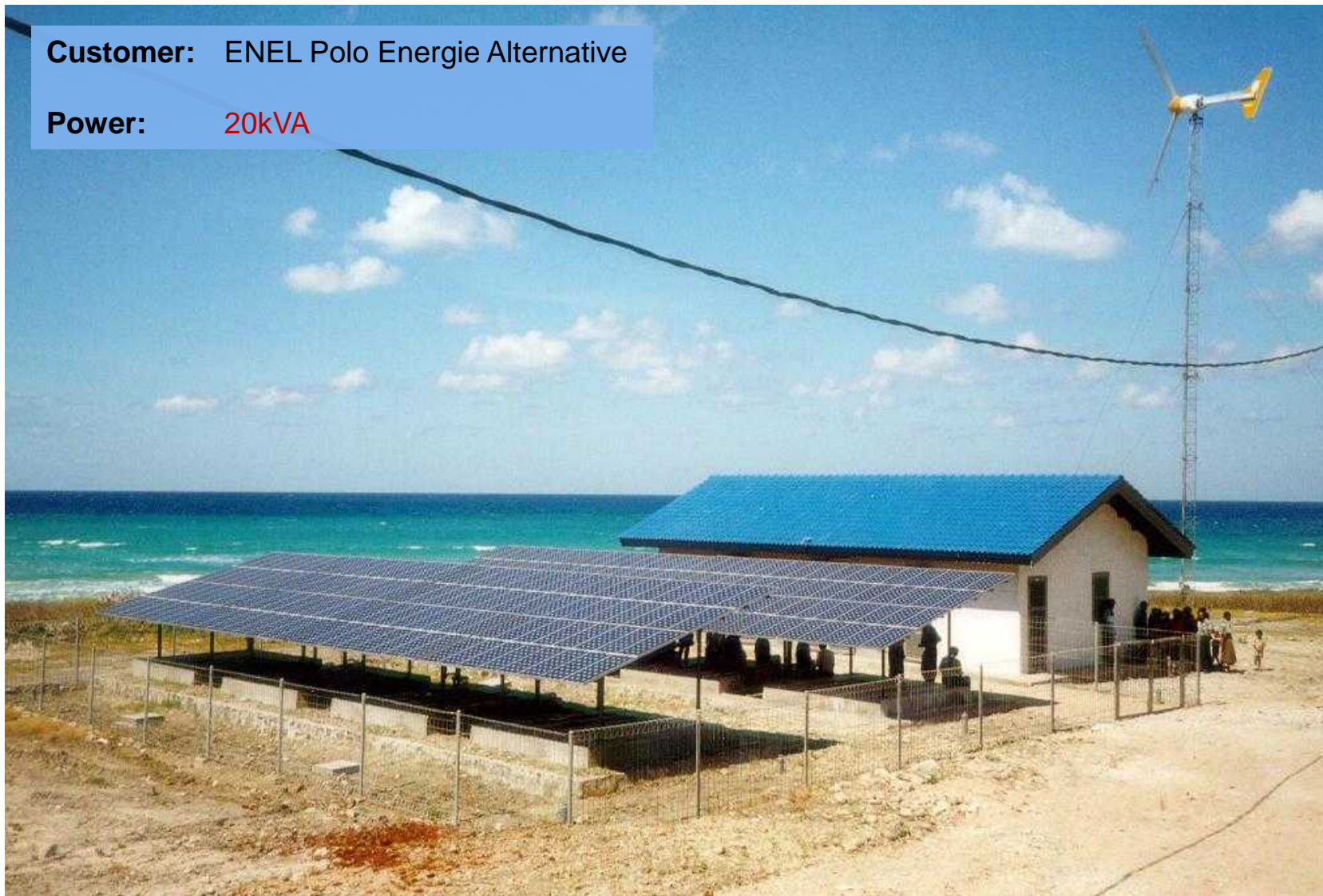
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Daundolu village | Indonesia – Rote island | 1999

Customer: ENEL Polo Energie Alternative

Power: 20kVA



Daundolu village | Indonesia – Rote island | 1999



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Science Park | Taiwan island

Power:	10 kWp
Connection date:	2004
EPC:	Sinonar
Inverters:	1 Sunway™ TG 10 600V
USPs / Key Notes:	Our first Sunway™ TG



Hotel Parking | Cefalù – Sicily island – Italy



Power: 41 kWp

Connection date: 2005

EPC: Enel.Si

Customer : Hotel Paradiso



ST | Catania – Sicily island

Power: 18,9 kWp

Connection date: 2006

EPC: ST Microelectronics



Enna | Sicily island – Italy

Power: **1 MW**

Connection date: **2007**

EPC: **Sorgenia**



Villacidro I-II | Sardinia island – Italy

Power: **2 MW**

Connection date: **2007**

EPC: **Sorgenia**



Melenara | Canary Islands – Spain



Power: 50 kW

Connection date: 2008

EPC: Ecostream



Sardinia island – Fiume Santo E.ON



- Fiume Santo thermoelectric power station is located near Sassari (Sardinia, Italy). It covers a surface of approx. 153 hectares on the Golfo dell'Asinara; with its 300 employees, it is one of the most important production plants in the north-west of Sardinia. Six generation units are installed, for total 982 MW available power.
- The first two units, commissioned in 1983-84, are fuel oil-fed and have an individual rated power of 160 MW.
- In 1992-93, two additional 320 MW units were commissioned, coal-fed since 2003. In late 2005, two gas turbine units, 40 MW each, were commissioned. Net production in 2007 was 4,260 GWh, equalling 36% of the total energy consumption in Sardinia.



Critical issues of the project:

- Proximity to approx. 1 GW electrical power station
- Project timing: “Plug & Play” solution required

Sardinia island – Fiume Santo E.ON



Installed power: 1.35 MW

Commissioned: 2010

Module Brand: Sunpower



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Pachino | Siracusa – Sicily island

Power:	5,98 kWp
Connection date:	2009
EPC:	Sunglobal
Modules:	26 Aleo S 18 230 Wp
Inverters:	1 Sunway™ M Plus 3600



Paraná – Brazil | 2011

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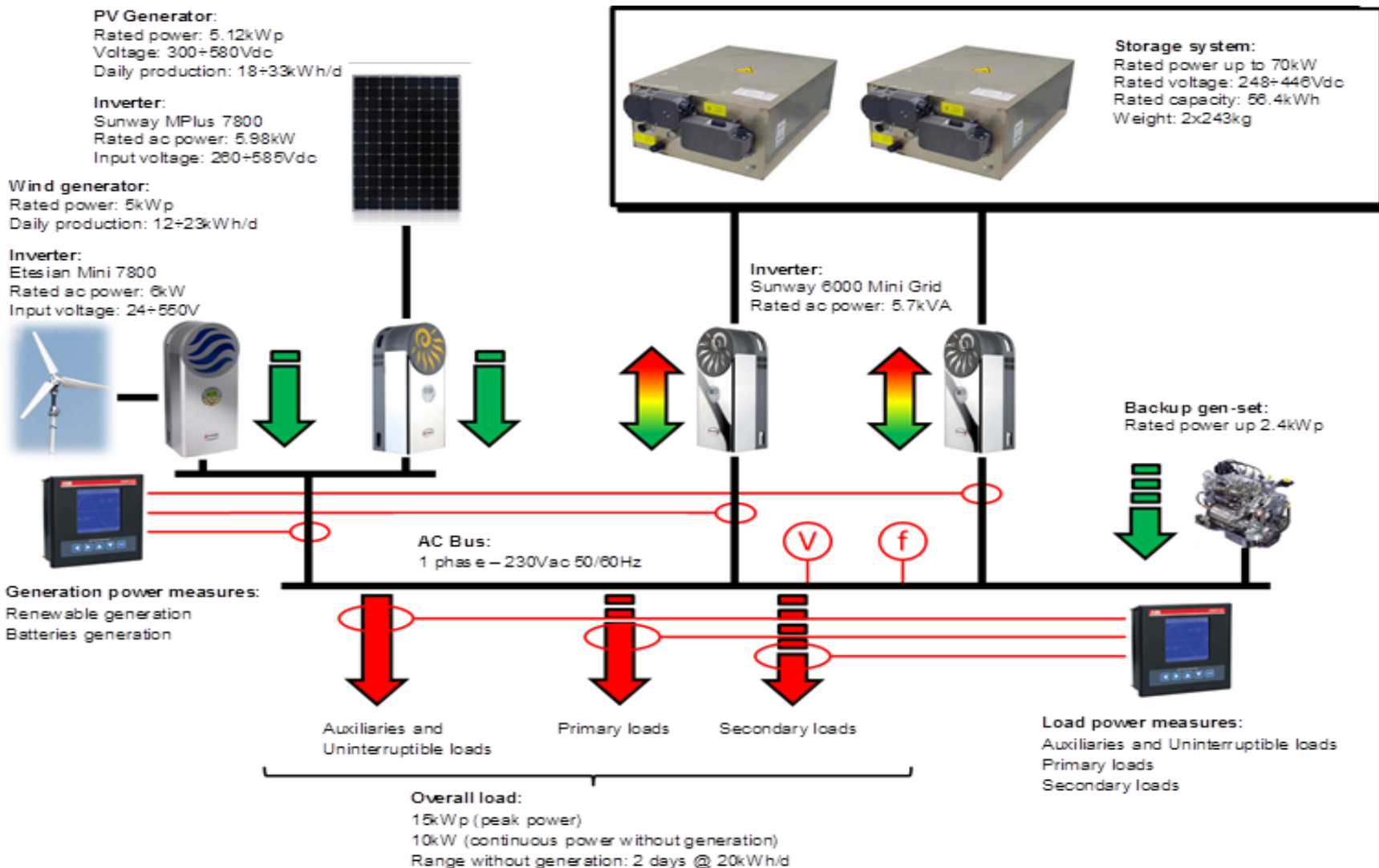


OASIS Project for FIAMM

Paraná – Brazil | 2011



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Paranà – Brazil | 2011



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Vicenza – Italy | 2011



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N. 2 Sunway™ TG 145 800V

N. 1 Sunway™ TG 42 800V

N. 1 Sunway™ TG 240 800V TE

Vicenza – Italy | 2011

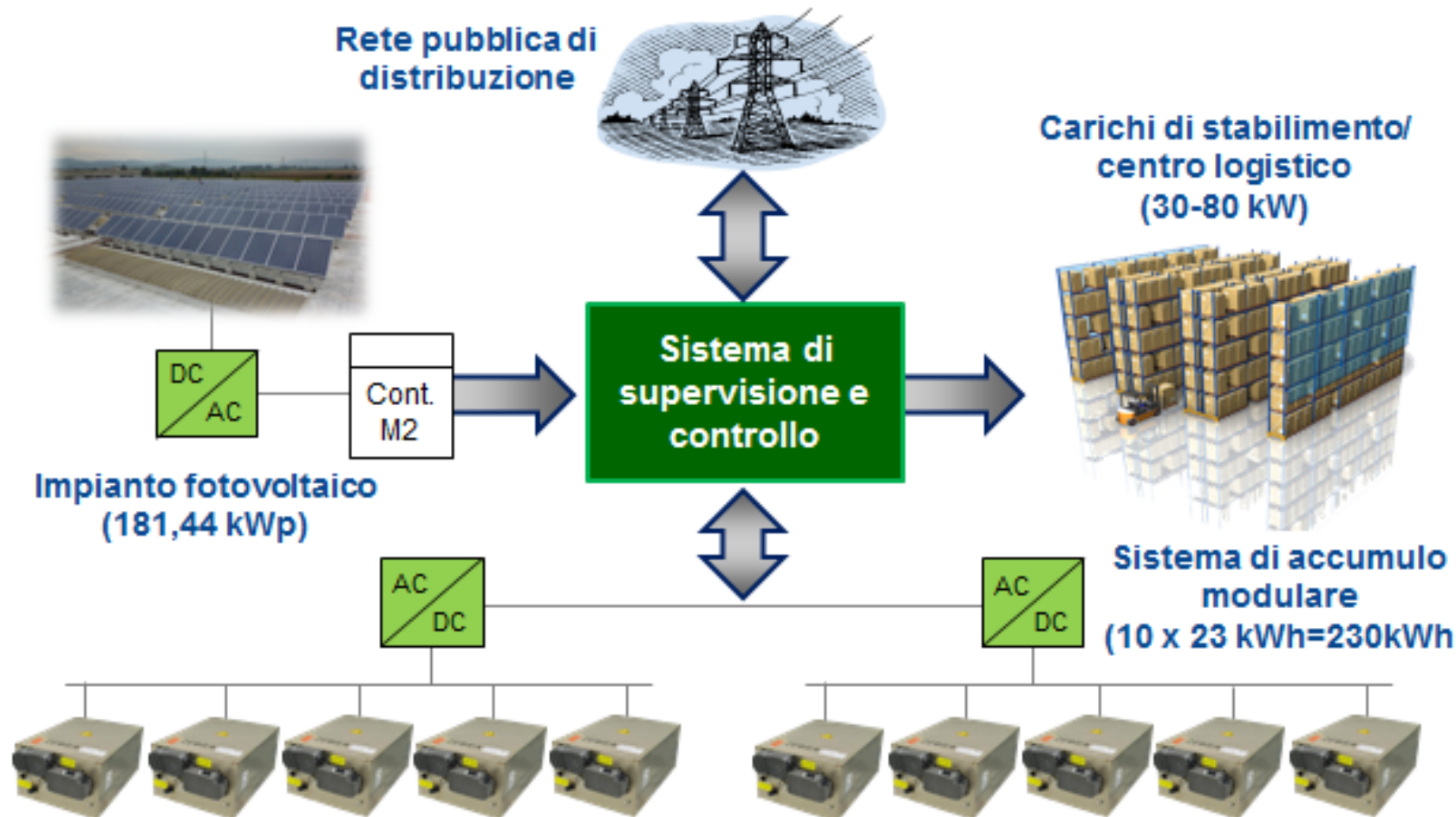


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Fiamm: Green Energy Island

Schema principale:

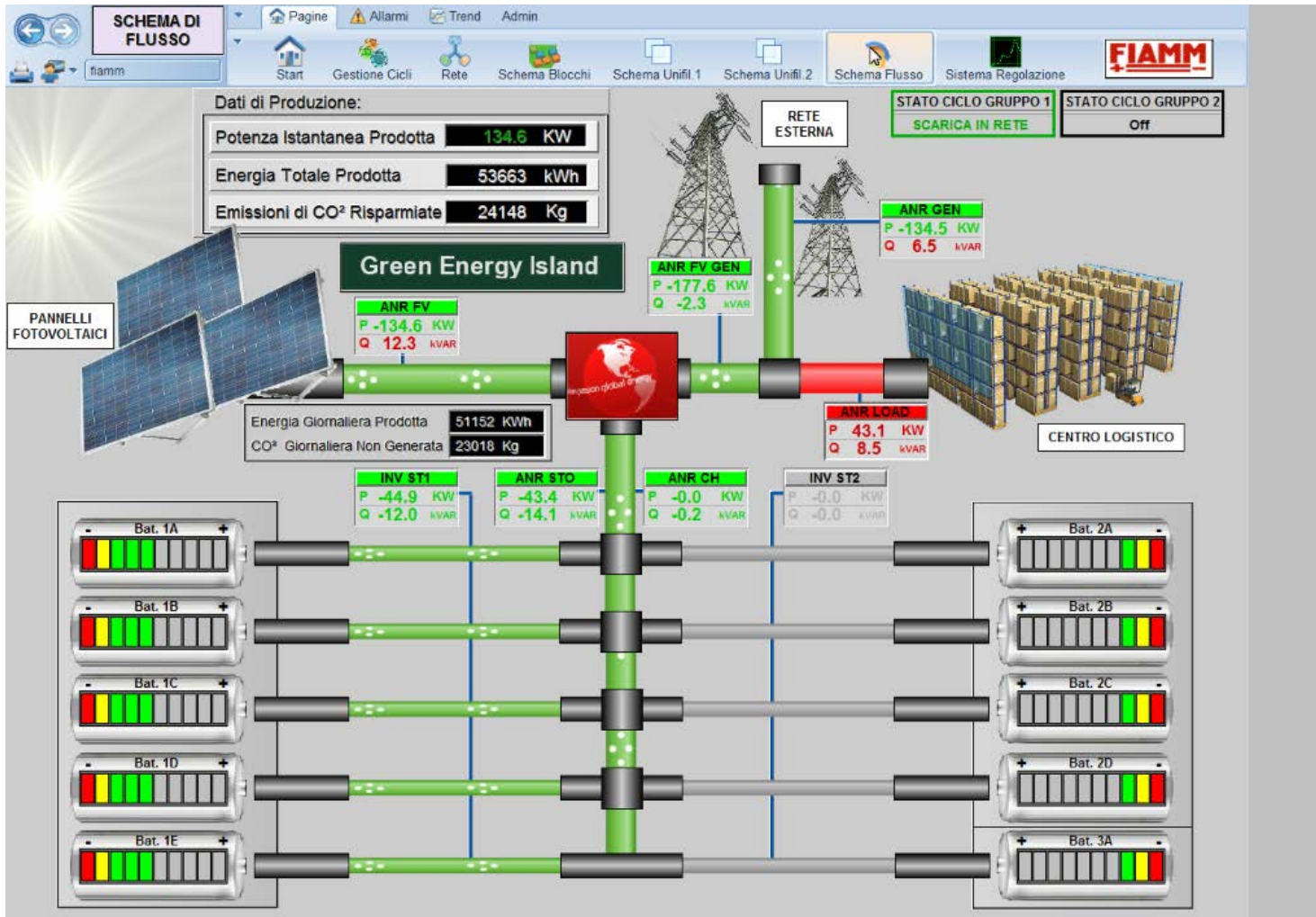


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Fiamm: Green Energy Island



Schema di flusso:

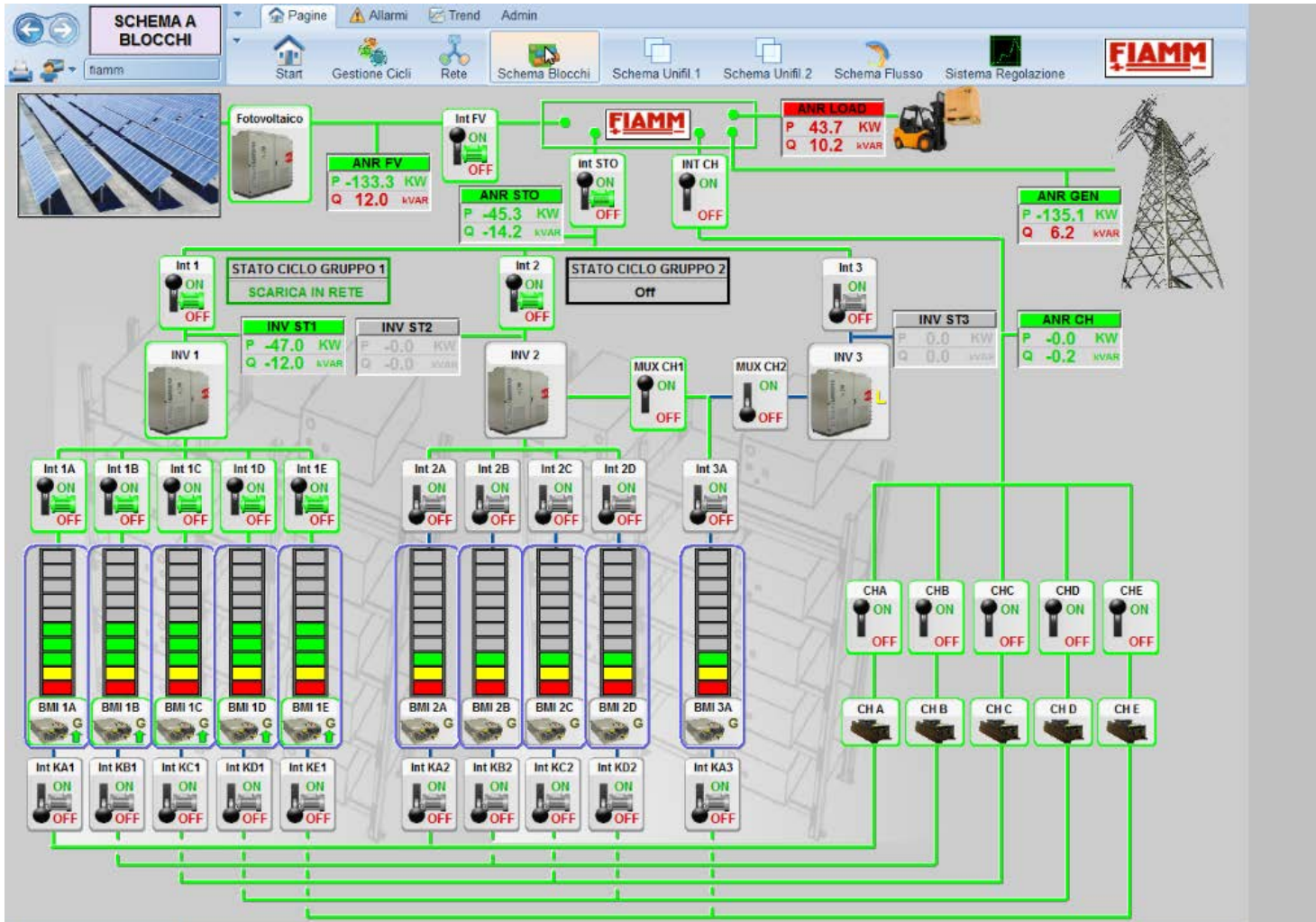


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Fiamm: Green Energy Island



Schema a blocchi:



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