



PVSITES TRAINING SESSIONS

TECNALIA DEMO-SYSTEM

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DEMO 4: CRICURSA

CRICURSA BIPV industrial roof

Law, now & then

RD 900/15 (type 1)

- Simple and free process < 10kW
 - Bypassed by 0-injection
- 2 compulsory meters:
 - 1 net generated
 - 1 frontier point
- No retribution for grid injection
- Theoretical fee for using solar energy (Solar tax)

RD 244/19

- Simple and free process < 15kW (urban land)
- 1 compulsory meters:
 - 1 frontier point
- Compensation for the injected energy (theoretical)
- Theoretical fee for using solar energy (Solar tax)

DEMO 4: CRICURSA

CRICURSA BIPV industrial roof

Lessons learnt

Lessons learnt for the BIPV system implementation

- Permission from the town hall was froze a couple of month due to interior discrepancies about whether it was a minor or major work.
 - Finally permissions for minor works were also granted by the municipality.
- A “zero-injection” device will be used under a self-consumption without energy surplus injection regimen, according to the possibilities offered by the old Spanish regulation.
 - It will only act as a cutting relay in the unlikely case of energy injection to the grid
- System commissioning was carried out in the second week of July, 2019, once finished the installation works.
- A general deterioration by oxidation was observed in the PV panels after their installation. Currently, a feasible solution is being tried to be found.

DEMO 4: CRICURSA

CRICURSA BIPV industrial roof

Lessons learnt

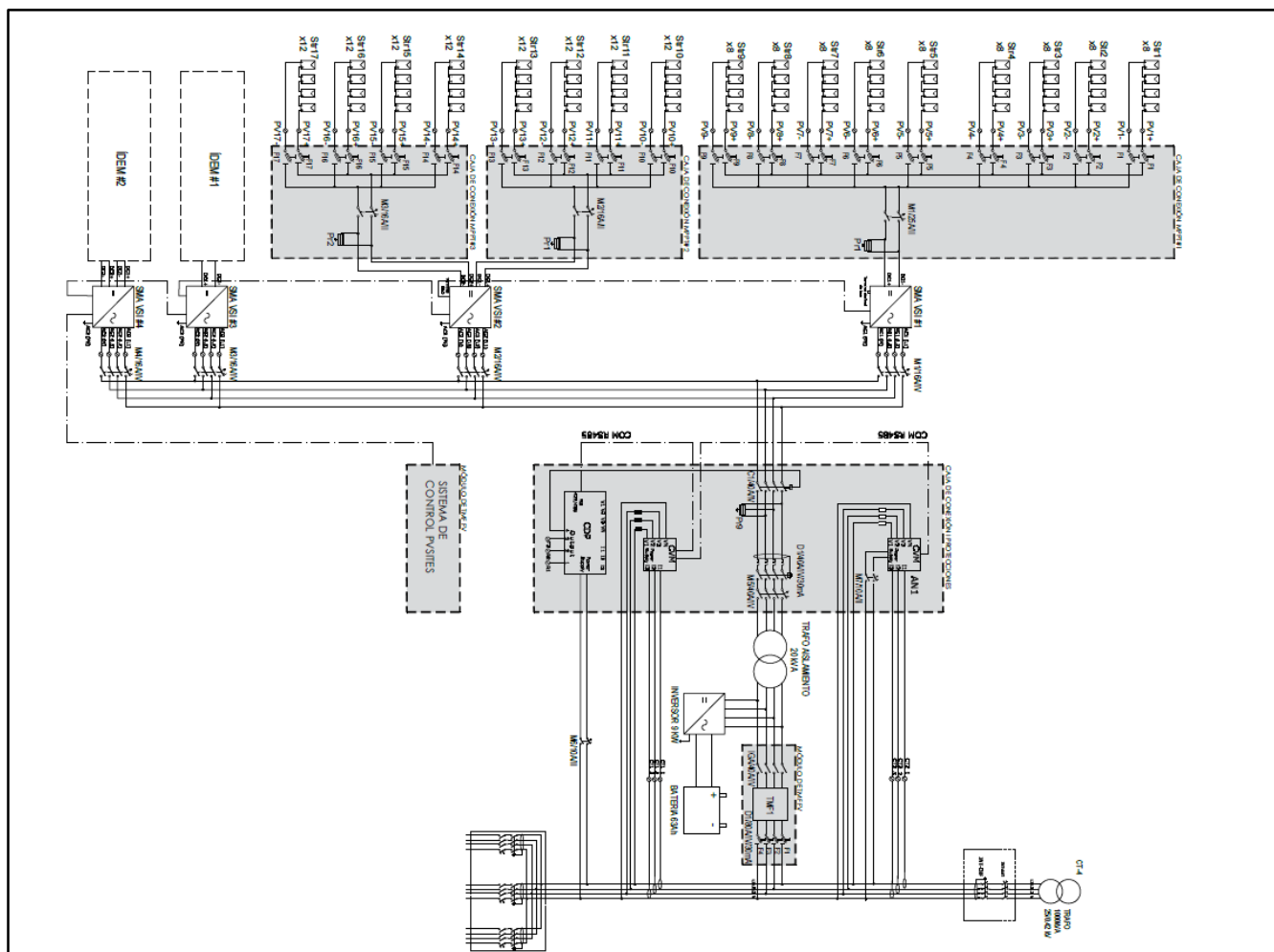
Lessons learnt for the BIPV system implementation

- Would have been great to have all the remote monitoring and control specification before realizing the installation, it make easier to plan ahead and foresee the problems.
- The self sealing bolts used to set the panels seems to be enough to prevent water filtrations. No further sealing systems are necessary
- Better no to execute solar installations in the summer
- It would be useful to test communication between different brands equipment beforehand.
- With the new regulations, the non injection device would not be necessary, which is quite expensive, not really easy to set up and quite useless.

DEMO 6: TECNALIA

CRICURSA BIPV industrial roof

Installation scheme



WP8 Current status

