Univerza v Ljubljani
Fakulteta za elektrotehniko

Sončna elektrarna na FE, UL

Marko Jankovec

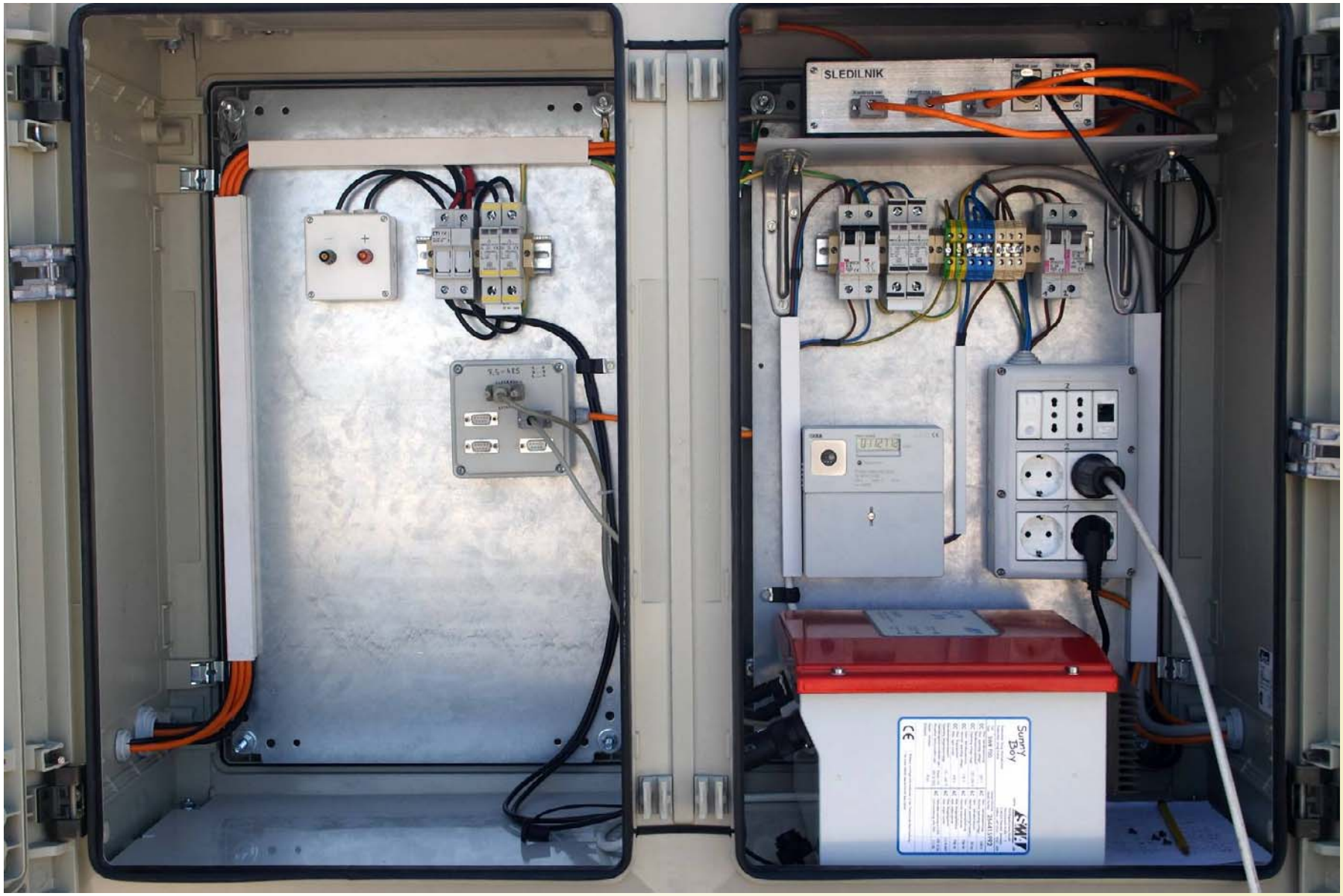
Sončna elektrarna



Sončna elektrarna



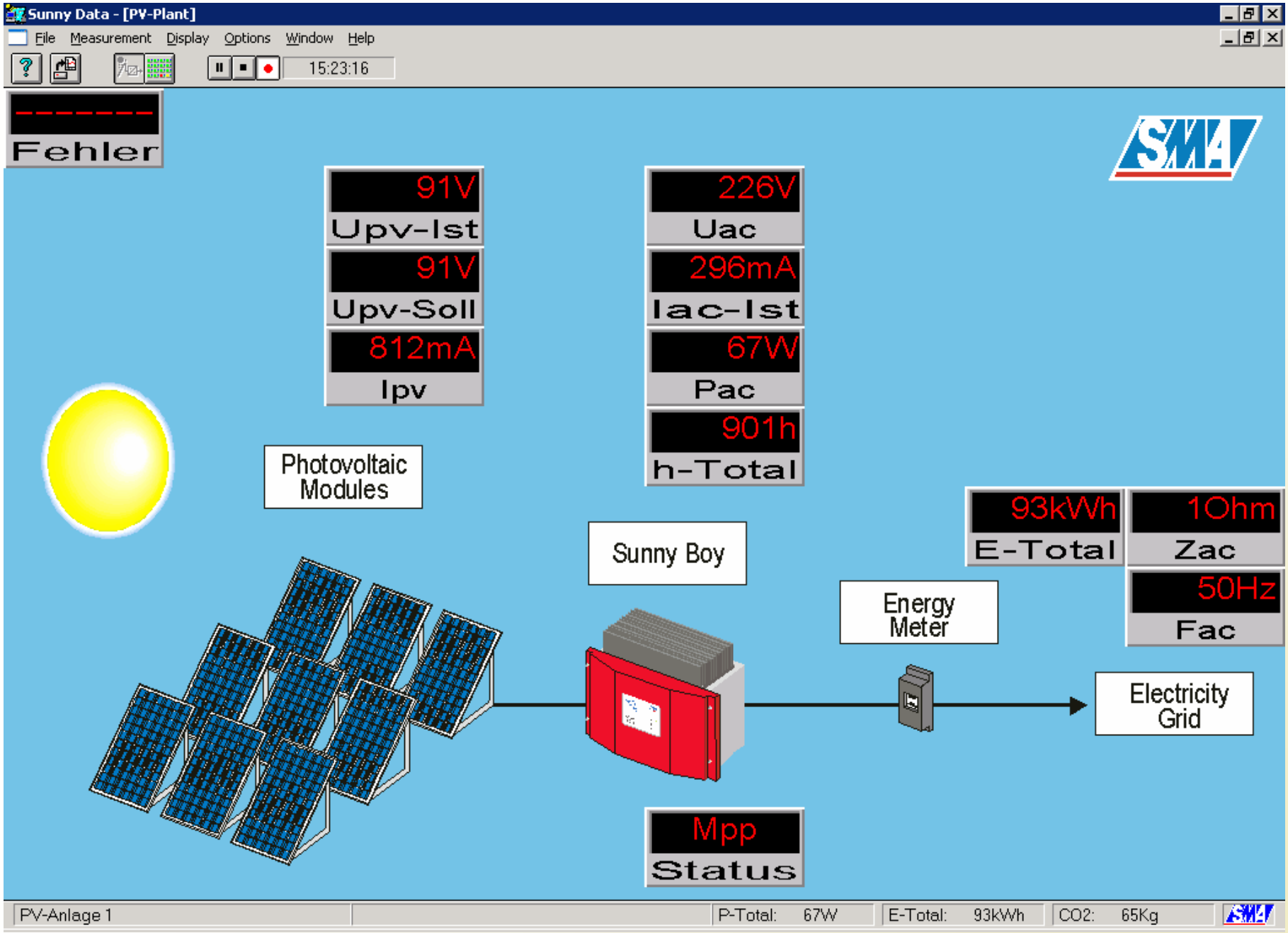
Sončna elektrarna



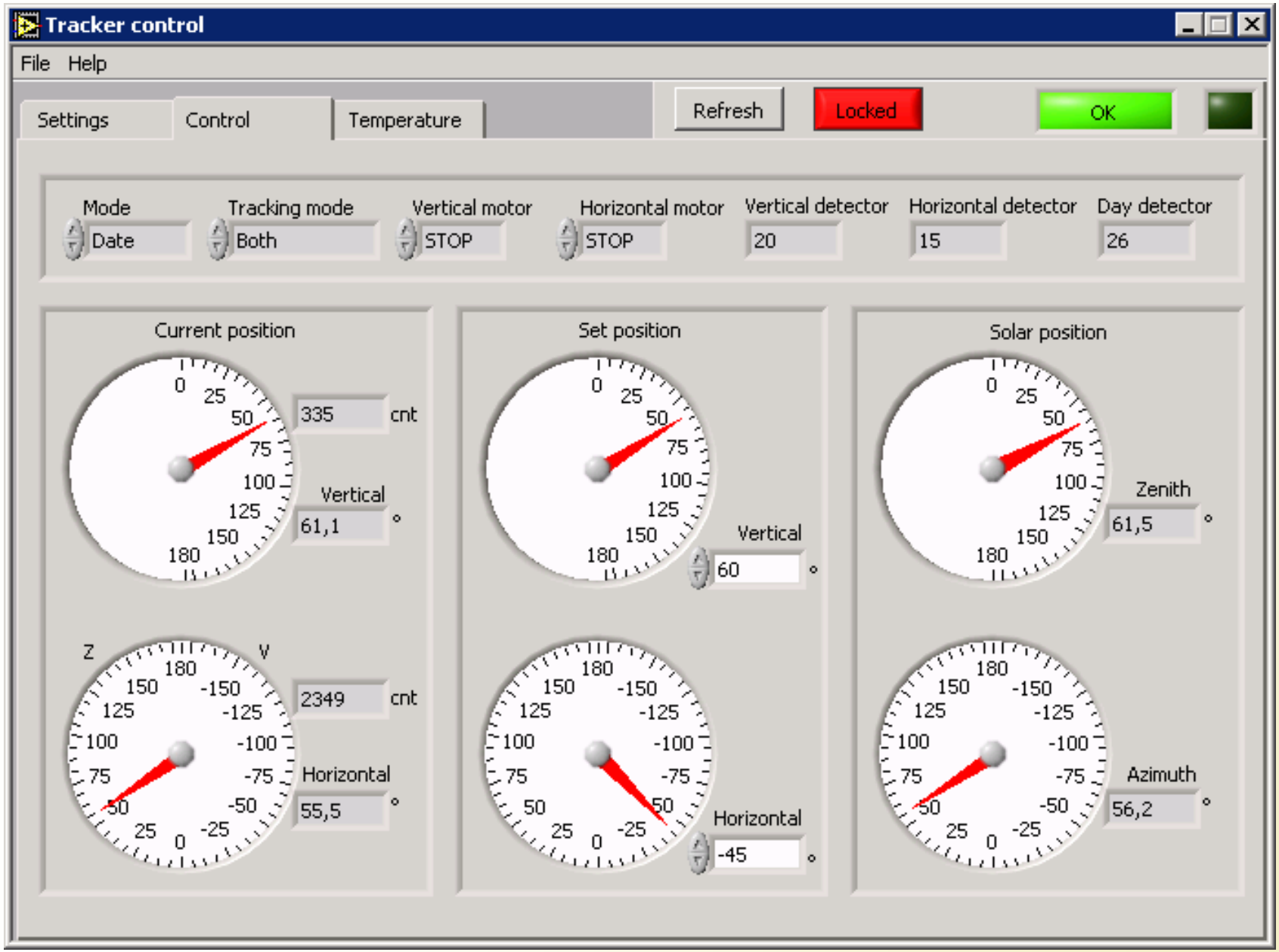
Merjenje sončnega obsevanja



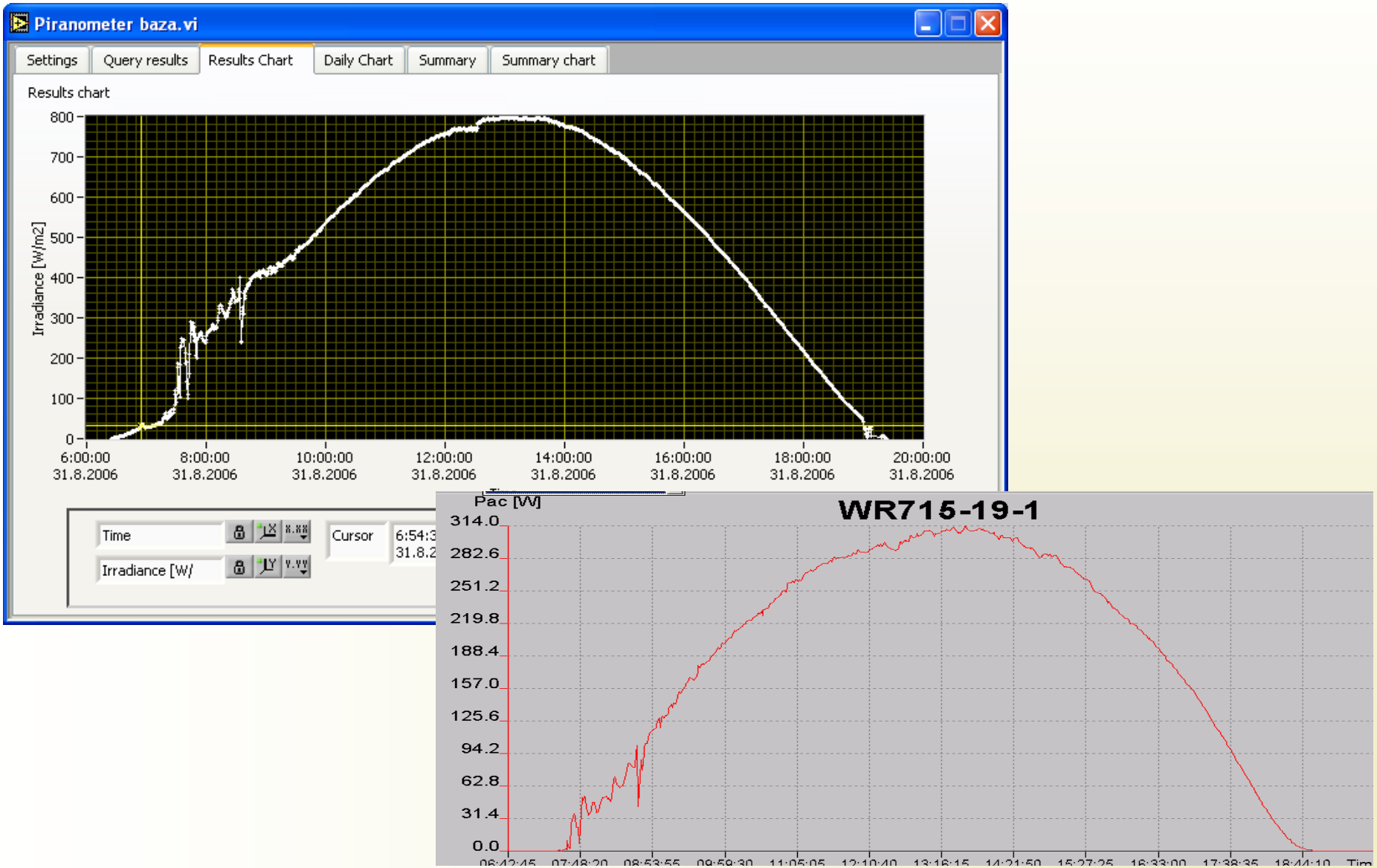
Zajemanje podatkov iz elektrarne



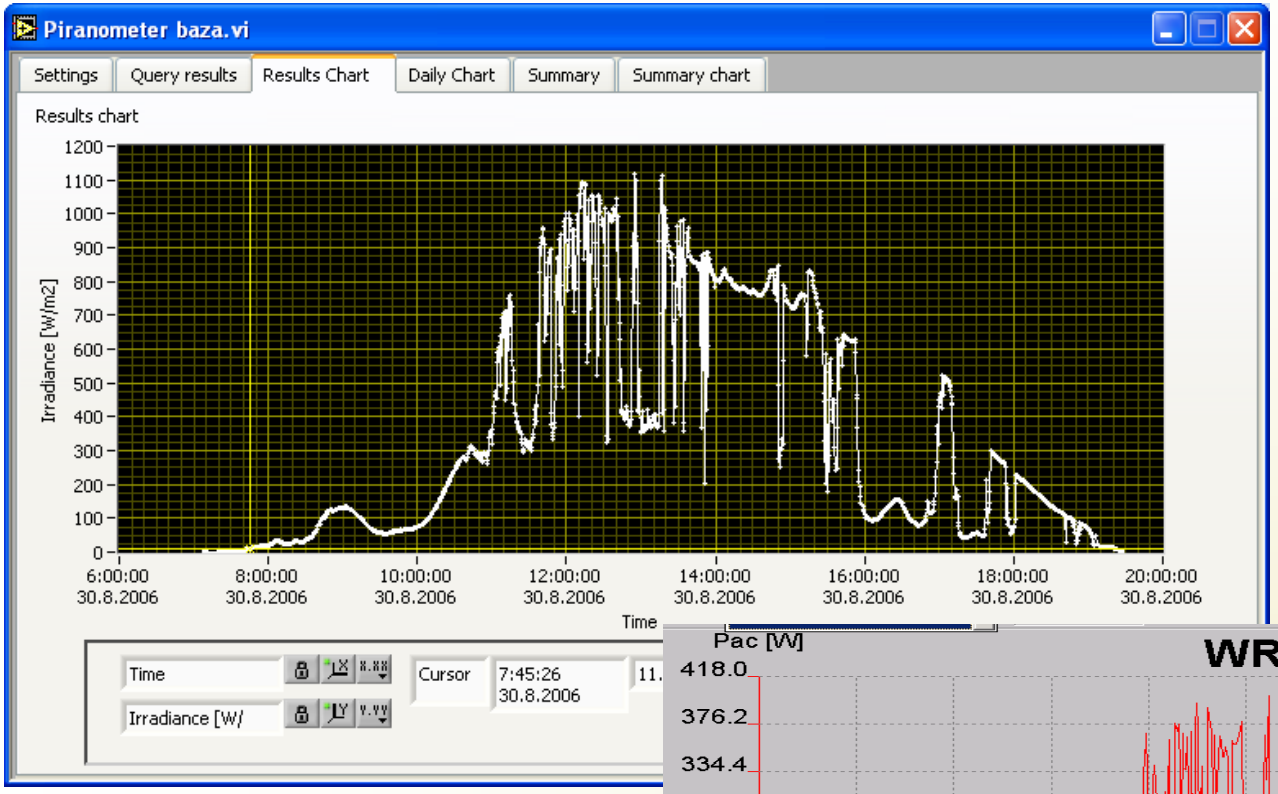
Dvoosni sledilnik

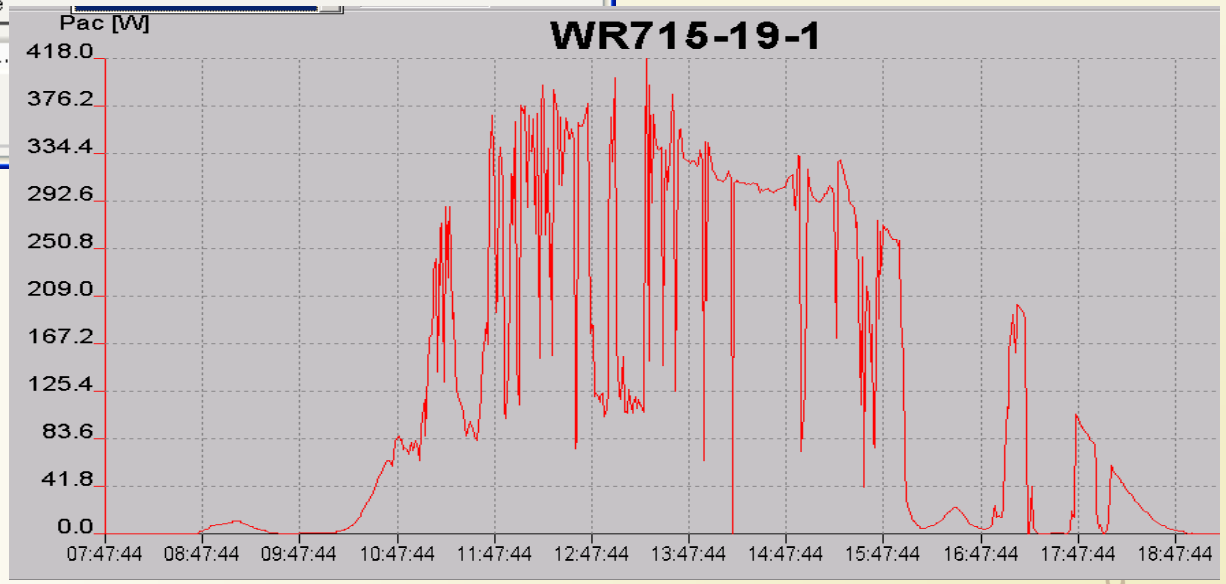


31. 8. 2006

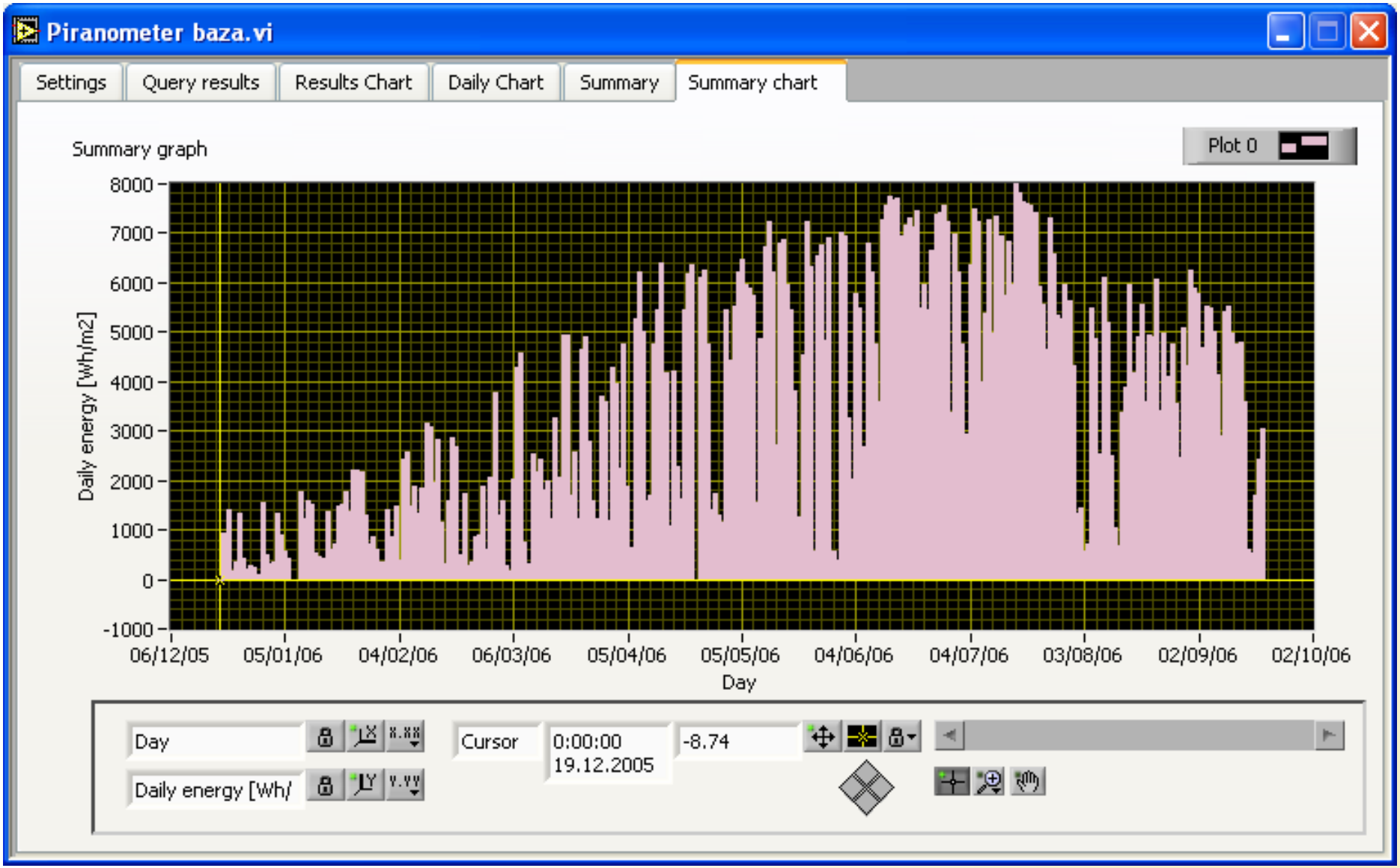

Piranometer baza.vi
Settings
Query results
Results Chart
Daily Chart
Summary
Summary chart
Results chart
Irradiance [W/m2]
800
700
600
500
400
300
200
100
0
6:00:00 31.8.2006
8:00:00 31.8.2006
10:00:00 31.8.2006
12:00:00 31.8.2006
14:00:00 31.8.2006
16:00:00 31.8.2006
18:00:00 31.8.2006
20:00:00 31.8.2006
Time
Irradiance [W/
Cursor
6:54:3
31.8.2
Pac [W]
WR715-19-1
314.0
282.6
251.2
219.8
188.4
157.0
125.6
94.2
62.8
31.4
0.0

30. 8. 2006

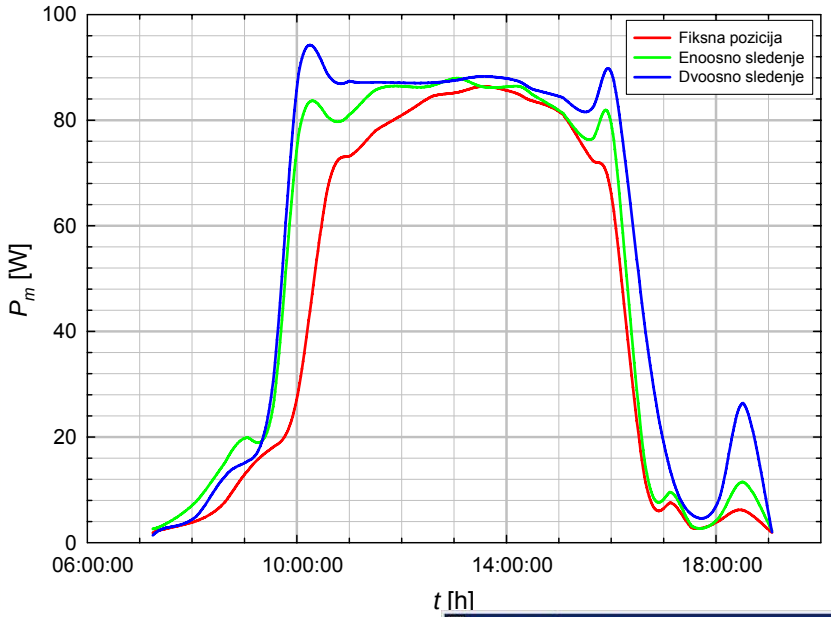

Piranometer baza.vi
Settings
Query results
Results Chart
Daily Chart
Summary
Summary chart
Results chart
Irradiance [W/m2]
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
6:00:00 30.8.2006
8:00:00 30.8.2006
10:00:00 30.8.2006
12:00:00 30.8.2006
14:00:00 30.8.2006
16:00:00 30.8.2006
18:00:00 30.8.2006
20:00:00 30.8.2006
Time
Time
Irradiance [W/
Cursor
7:45:26
30.8.2006

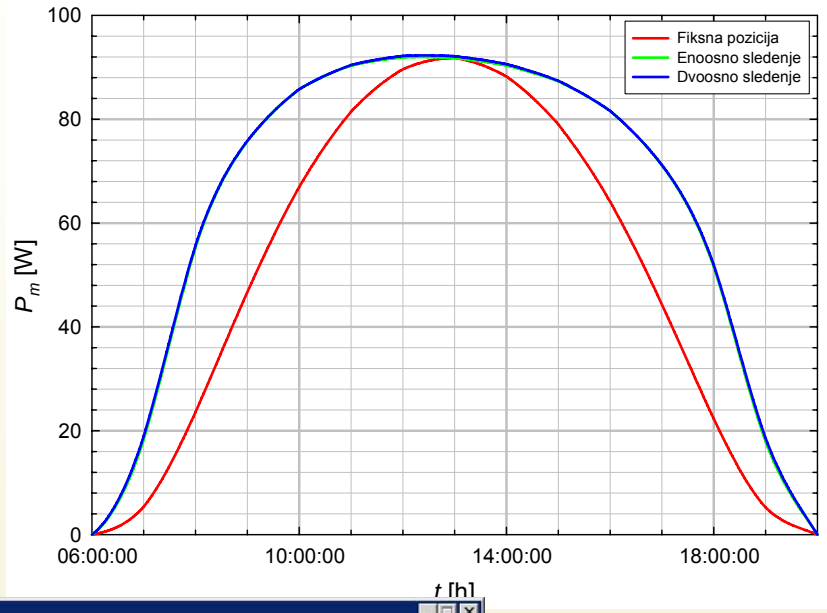

Pac [W]
WR715-19-1
418.0
376.2
334.4
292.6
250.8
209.0
167.2
125.4
83.6
41.8
0.0
07:47:44
08:47:44
09:47:44
10:47:44
11:47:44
12:47:44
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14:47:44
15:47:44
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17:47:44
18:47:44

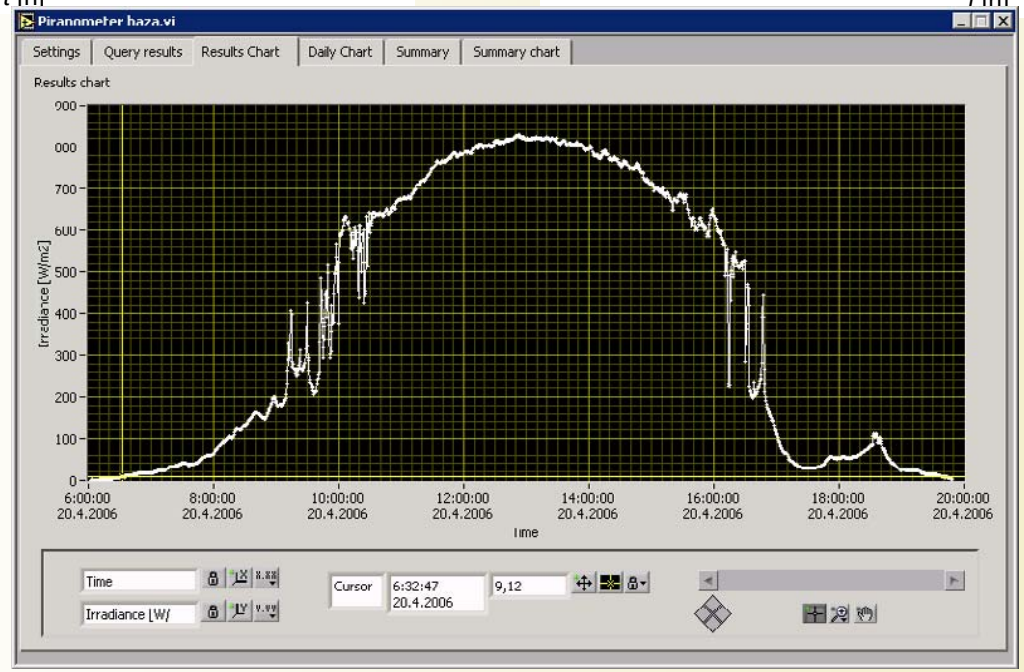
Dnevna energija prek leta



Primerjava sledilnih sistemov



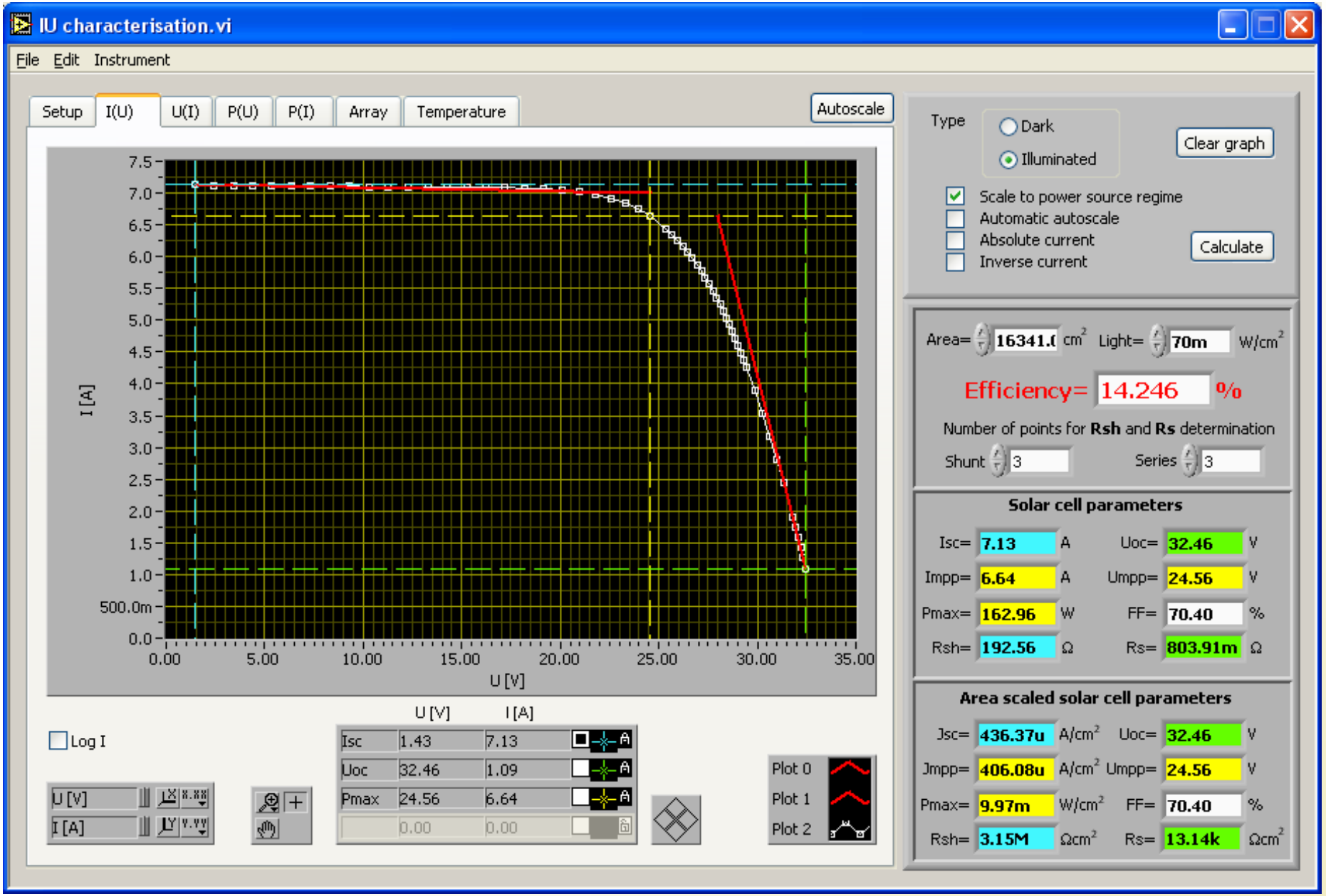




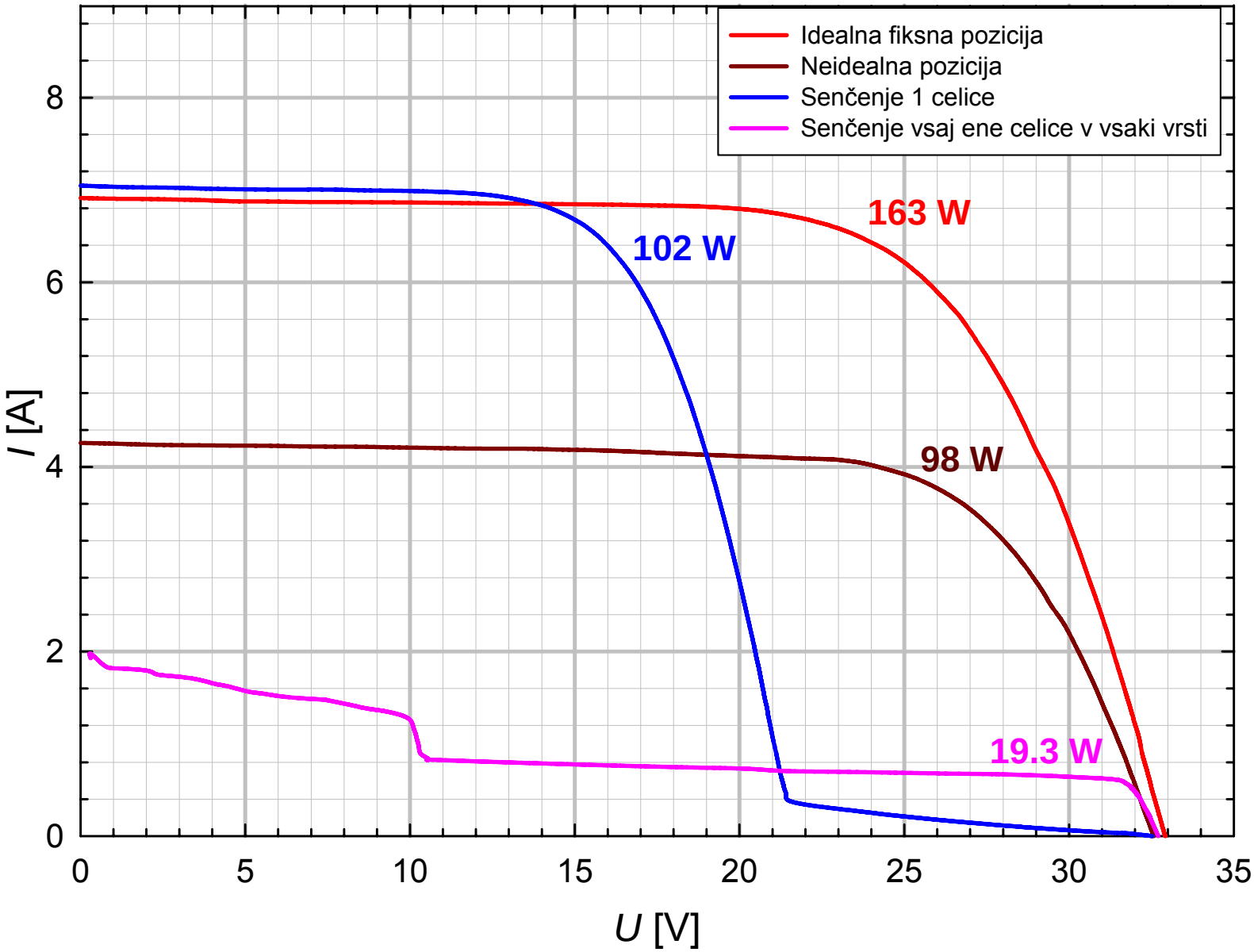
Testiranje modulov



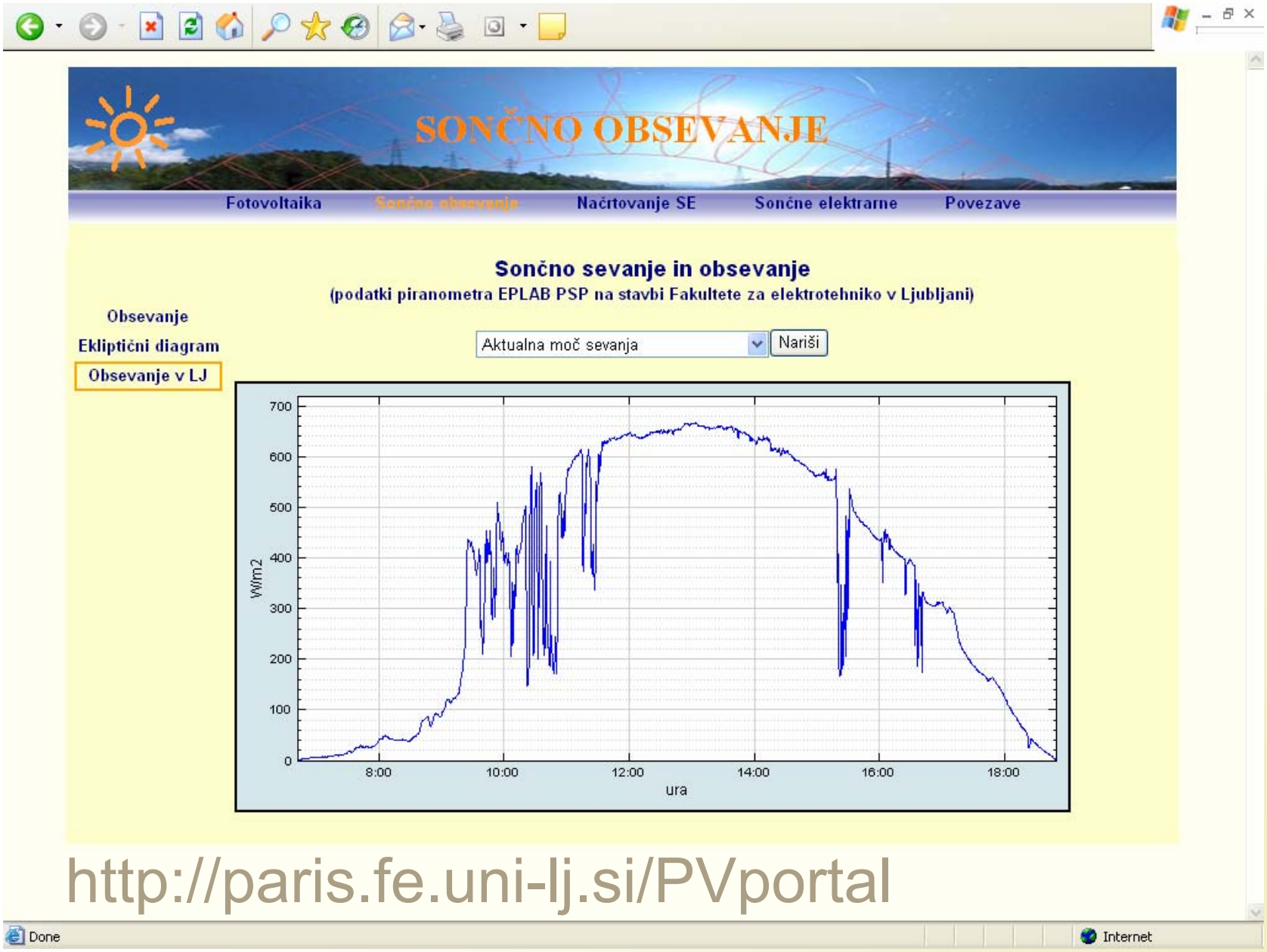
Testiranje modulov



Testiranje modulov



PVportal



http://paris.fe.uni-lj.si/PVportal