# COMMISSIONING PLANNING 09/10/2013

IBERDROLA

NORDEX

| | | Sa | Su | Mo | Tu | We | Th | Fr | Sa | Su | Mo | Tu | We | Th | Fr | Sa | Su |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCHEDULE | | | | | | | Timetable of Power supply: 18.00h - 8.00h | | | | No hub works | Works 14:00-17:00 | No hub works | No hub works | | | |
| REMARKS | | | | | | | 110 kV line off 11:15 | Circuits with no grid connection | | | Wind speeds from 16 up to 30 m/s | | | | | 110 kV line shut down during night | Circuits re-energized 8:15 |
| SUBSTATION ENERGISATION | | | | | | | | | | | | | | | | | |
| | 9/20/2013 | | | WEEK 39 | | | | | | | WEEK 40 | | | | | | |
| | 0 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 1 | 2 | 3 | 4 | 5 | 6 |
| Nº Turbines | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Power (MW) MAX | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| % Power | | | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Teams | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 5 | 5 | 5 | 5 | 5 |

| | Mo | Tu | We | Th | Fr | Sa | Su | Mo | Tu | We | Th | Fr | Sa | Su | Mo | Tu | We | Th | Fr | Sa | Su | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| REMARKS | | | | | | | | | | | | | | | | | | | | | | LABORATORY |
| | WEEK 41 | | | | | | | WEEK 42 | | | | | | | WEEK 43 | | | | | | | WEEK 44 |
| | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | |
| Nº Turbines | 0 | 0 | 0 | 0 | 22 | 26 | 26 | 27 | 28 | 28 | 28 | 28 | 31 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| Power (MW) MAX | 0.00 | 0.00 | 0.00 | 0.00 | 17.60 | 30.15 | 41.20 | 53.05 | 65.33 | 67.88 | 69.15 | 70.43 | 72.40 | 73.68 | 75.75 | 76.00 | 76.00 | 76.00 | 76.00 | 76.00 | 76.00 | 76.00 |
| % Power | 0% | 0% | 0% | 0% | 23% | 40% | 54% | 70% | 86% | 89% | 91% | 93% | 95% | 97% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Teams | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Group | Turbine | Fr 11 | Sa 12 | Su 13 | Mo 14 | Tu 15 | We 16 | Th 17 | Fr 18 | Sa 19 | Su 20 | Mo 21 | Tu 22 | We 23 | Th 24 | Fr 25 | Sa 26 | Su 27 | WEEK 44 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J8 | 27 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 28 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 31 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 32 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| J7 | 23 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 22 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 26 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 21 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| J6 | 24 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 25 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 29 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 30 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| J5 | 14 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 17 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 15 | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.93 | 3.35 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 10 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| J4 | 19 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 18 | | | | | | | | | | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 16 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 20 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| J3 | 6 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 7 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 11 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 12 | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| J2 | 13 | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 5 | | | | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 4 | | | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 2 | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| J1 | 9 | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 3 | | | | | | | | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 8 | | | | | | | | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| | 1 | | | | | | | | | 0.80 | 1.23 | 1.65 | 2.08 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |

- ENERGIZED
- PREVISION OF WORK
- COMMISSIONING WORKS
- READY TO PRODUCE
- COMMISSIONING END
- REMARKS
- POWER EXPORT
- POWER EXPORT RESTRICTED

10-10-2013

SOCIETATEA COMERCIALĂ EP WIND PROJECT (ROM) SIX S.A. CHIRNOGENI-CONSTANȚA