

## 1.1 Reporting 05.2008

|                  |                   |                          |             |                   |                          |
|------------------|-------------------|--------------------------|-------------|-------------------|--------------------------|
| Wind farm:       | <b>LEHAUCOURT</b> | Customer:                | <b>SNET</b> | Business year:    | <b>04.2008 - 03.2009</b> |
| Type of turbine: | <b>N90</b>        | Number of wind turbines: | <b>4</b>    | Reporting period: | <b>05.2008</b>           |

Content of report:

1.1 Cover  
2.1 Av Wind farm  
2.2 Av Windturbine  
2.3 Error list

3.1 Production  
3.2 Amount  
4.1 Error analysis  
5.1 Powercurve

Basic Data:

|                                       |               |
|---------------------------------------|---------------|
| Park availability in reporting period | <b>87.36%</b> |
|---------------------------------------|---------------|

|                                               |               |
|-----------------------------------------------|---------------|
| Park availability of operating business year: | <b>91.67%</b> |
|-----------------------------------------------|---------------|

|                                                               |                      |
|---------------------------------------------------------------|----------------------|
| Production wind farm according to control in reporting period | <b>2.532.310 kWh</b> |
|---------------------------------------------------------------|----------------------|

|                                      |
|--------------------------------------|
| Comments / remarks, additional data: |
|                                      |

DEILLE W  
Nordex Energy GmbH  
Nordex Service

Signature Customer

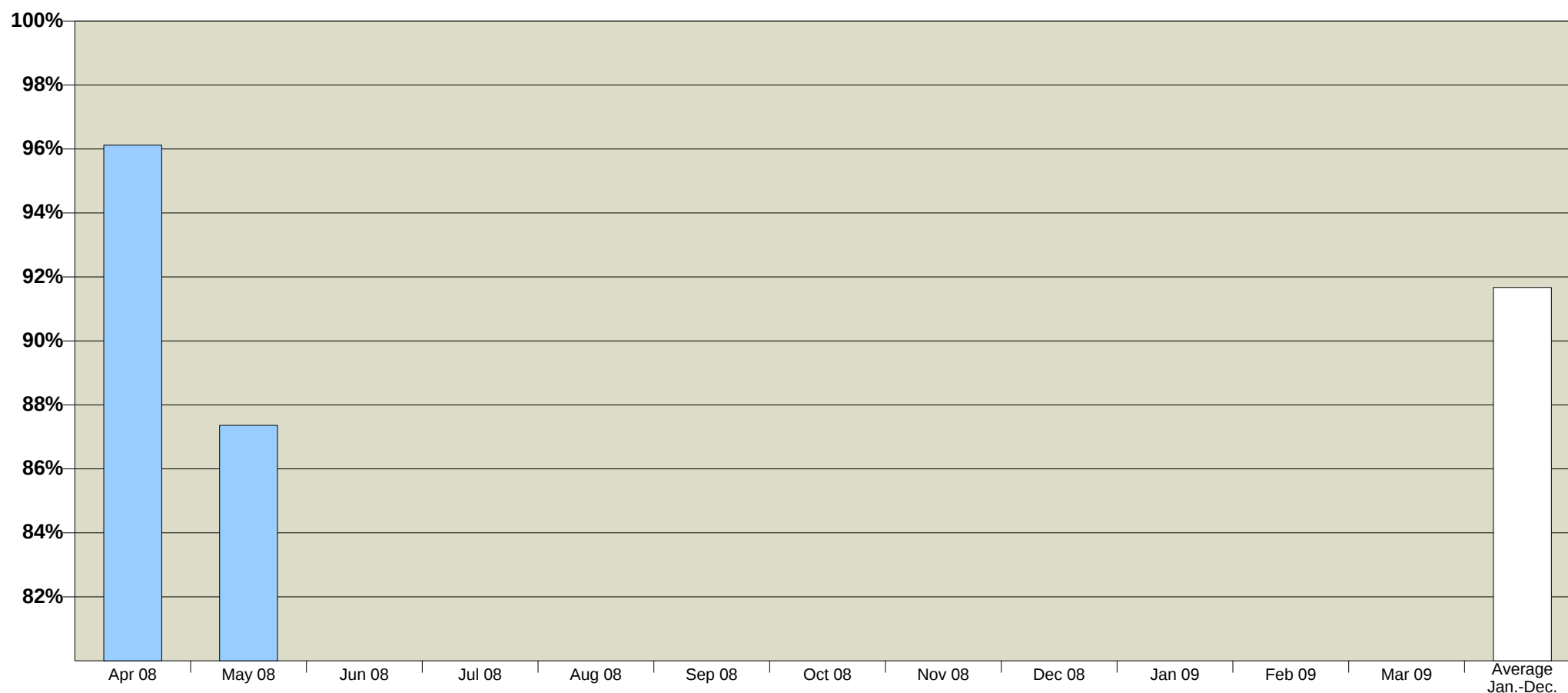
## 2.1 Availability Wind Farm

Wind farm: **LEHAUCOURT**  
Type of turbine: **N90**

Customer: **SNET**  
Number of wind turbines: **4**

Business year: **04.2008 - 03.2009**  
Reporting period: **05.2008**

| Period       | Apr 08 | May 08 | Jun 08 | Jul 08 | Aug 08 | Sep 08 | Oct 08 | Nov 08 | Dec 08 | Jan 09 | Feb 09 | Mar 09 | Average Apr.-Mar. |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|
| Availability | 96.12% | 87.36% |        |        |        |        |        |        |        |        |        |        | 91.67%            |



## 2.2 Availability wind turbine

Wind farm: **LEHAUCOURT**

Type of turbine: **N90**

Customer: **SNET**

Number of wind turbines: **4**

Business year: **04.2008 - 03.2009**

Reporting period: **05.2008**

|                 | W E A            | failure hours<br>(T stop) | Wind turbine in<br>improper operating<br>condition<br>(T fm) | max. possible h of<br>operation<br>(T total) | Availability of single<br>wind turbine | Availability of all wind<br>turbines |
|-----------------|------------------|---------------------------|--------------------------------------------------------------|----------------------------------------------|----------------------------------------|--------------------------------------|
| <b>April 08</b> | <b>01WEA8383</b> | 27.68                     | 27.29                                                        | 720                                          | <b>96.21%</b>                          | <b>96.12%</b>                        |
|                 | <b>02WEA8384</b> | 24.16                     | 23.39                                                        | 720                                          | <b>96.75%</b>                          |                                      |
|                 | <b>03WEA8385</b> | 58.11                     | 57.73                                                        | 720                                          | <b>91.98%</b>                          |                                      |
|                 | <b>04WEA8386</b> | 4.19                      | 3.42                                                         | 720                                          | <b>99.53%</b>                          |                                      |
| <b>May 08</b>   | <b>01WEA8383</b> | 293.17                    | 260.98                                                       | 744                                          | <b>64.92%</b>                          | <b>87.36%</b>                        |
|                 | <b>02WEA8384</b> | 32.15                     | 0.52                                                         | 744                                          | <b>99.93%</b>                          |                                      |
|                 | <b>03WEA8385</b> | 54.02                     | 20.7                                                         | 744                                          | <b>97.22%</b>                          |                                      |
|                 | <b>04WEA8386</b> | 121.63                    | 93.92                                                        | 744                                          | <b>87.38%</b>                          |                                      |

Data business year / wind turbine; status: reporting period

|               |                  |               |               |             |               |               |
|---------------|------------------|---------------|---------------|-------------|---------------|---------------|
|               | <b>01WEA8383</b> | 320.85        | 288.27        | 1464        | <b>80.31%</b> | <b>91.67%</b> |
|               | <b>02WEA8384</b> | 56.31         | 23.91         | 1464        | <b>98.37%</b> |               |
|               | <b>03WEA8385</b> | 112.13        | 78.43         | 1464        | <b>94.64%</b> |               |
|               | <b>04WEA8386</b> | 125.82        | 97.34         | 1464        | <b>93.35%</b> |               |
| <b>Σ Park</b> |                  | <b>615.12</b> | <b>487.95</b> | <b>5856</b> |               |               |

## 2.3 Errorlist

Wind farm: **LEHAUCOURT**  
Type of turbine: **N90**

Customer: **SNET**  
Number of wind turbines: **4**

Business year: **04.2008 - 03.2009**  
Reporting period: **05.2008**

| Status start      | Status end        | Status code | Error identification according to turbine controller | memo                     | A-Code | Duration | T <sub>stop</sub> | T <sub>fm</sub> | T <sub>fm Grid</sub> | T <sub>fm Maintenance</sub> |
|-------------------|-------------------|-------------|------------------------------------------------------|--------------------------|--------|----------|-------------------|-----------------|----------------------|-----------------------------|
| 01WEA8383         |                   |             |                                                      |                          |        |          |                   |                 |                      |                             |
| 01.05.08 11:00:28 | 01.05.08 11:55:11 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:54:43 | 00:54:43          |                 |                      |                             |
| 01.05.08 12:43:41 | 01.05.08 13:13:38 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:29:57 | 00:29:57          |                 |                      |                             |
| 01.05.08 14:10:56 | 01.05.08 14:13:28 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:02:31 | 00:02:31          |                 |                      |                             |
| 01.05.08 16:40:35 | 01.05.08 16:48:22 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:07:46 | 00:07:46          |                 |                      |                             |
| 01.05.08 17:09:21 | 01.05.08 17:48:17 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:38:56 | 00:38:56          |                 |                      |                             |
| 01.05.08 20:01:35 | 01.05.08 20:02:55 | FM411       | Wind DirSlanting Stop                                |                          | AF     | 00:01:20 | 00:01:20          |                 |                      |                             |
| 02.05.08 10:32:09 | 02.05.08 11:00:39 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:28:31 | 00:28:31          |                 |                      |                             |
| 02.05.08 14:05:42 | 02.05.08 14:17:24 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:11:41 | 00:11:41          |                 |                      |                             |
| 02.05.08 15:38:01 | 02.05.08 16:18:09 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:40:09 | 00:40:09          |                 |                      |                             |
| 03.05.08 09:49:17 | 03.05.08 10:14:09 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:24:51 | 00:24:51          |                 |                      |                             |
| 03.05.08 11:04:46 | 03.05.08 11:48:55 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:44:10 | 00:44:10          |                 |                      |                             |
| 03.05.08 11:48:55 | 03.05.08 11:49:02 | FM6         | WTG Manual Stop                                      | reset and start WTG      | AF     | 00:00:07 | 00:00:07          |                 |                      |                             |
| 03.05.08 12:09:36 | 03.05.08 12:23:14 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:13:38 | 00:13:38          |                 |                      |                             |
| 03.05.08 12:52:11 | 03.05.08 17:53:32 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 05:01:21 | 05:01:21          |                 |                      |                             |
| 04.05.08 07:51:11 | 04.05.08 07:54:03 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:02:51 | 00:02:51          |                 |                      |                             |
| 04.05.08 11:54:15 | 04.05.08 12:07:04 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:12:49 | 00:12:49          |                 |                      |                             |
| 04.05.08 12:21:16 | 04.05.08 12:44:25 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:23:09 | 00:23:09          |                 |                      |                             |
| 04.05.08 18:51:03 | 05.05.08 06:29:11 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 11:38:08 | 11:38:08          |                 |                      |                             |
| 05.05.08 11:12:57 | 05.05.08 11:51:31 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:38:34 | 00:38:34          |                 |                      |                             |
| 05.05.08 12:05:01 | 05.05.08 13:22:44 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 01:17:43 | 01:17:43          |                 |                      |                             |
| 05.05.08 13:39:02 | 05.05.08 15:21:08 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 01:42:07 | 01:42:07          |                 |                      |                             |
| 05.05.08 16:05:42 | 06.05.08 06:01:21 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 13:55:39 | 13:55:39          |                 |                      |                             |
| 06.05.08 08:38:20 | 06.05.08 09:10:39 | FM400       | Wind DirSlanting Stop(due YP50)                      |                          | AF     | 00:32:19 | 00:32:19          |                 |                      |                             |
| 06.05.08 09:10:39 | 06.05.08 11:54:08 | FM6         | WTG Manual Stop                                      | reset and start WTG      | AF     | 02:43:29 | 02:43:29          |                 |                      |                             |
| 07.05.08 15:52:35 | 08.05.08 09:44:34 | FM1155      | Pitchangle 3 Diff.Set-Act                            |                          | AF     | 17:51:58 | 17:51:58          |                 |                      |                             |
| 08.05.08 09:44:34 | 08.05.08 09:45:06 | FM11        | PLC Reboot active                                    |                          | AF     | 00:00:32 | 00:00:32          |                 |                      |                             |
| 08.05.08 09:45:06 | 08.05.08 09:45:41 | FM11        | PLC Reboot active                                    |                          | AF     | 00:00:35 | 00:00:35          |                 |                      |                             |
| 08.05.08 09:45:57 | 08.05.08 09:46:30 | FM11        | PLC Reboot active                                    |                          | AF     | 00:00:34 | 00:00:34          |                 |                      |                             |
| 08.05.08 09:46:30 | 09.05.08 09:14:14 | FM6         | WTG Manual Stop                                      | Exchange pitch converter | AF     | 23:27:44 | 23:27:44          |                 |                      |                             |

|  | Status start | Status end | Status code | Error identification according to turbine controller | memo | A-Code | Duration | T <sub>stop</sub> | T <sub>fm</sub> | T <sub>fm Grid</sub> | T <sub>fm Maintenance</sub> |
|--|--------------|------------|-------------|------------------------------------------------------|------|--------|----------|-------------------|-----------------|----------------------|-----------------------------|
|--|--------------|------------|-------------|------------------------------------------------------|------|--------|----------|-------------------|-----------------|----------------------|-----------------------------|

01WEA8383

|                   |                   |        |                                 |                        |     |            |               |                    |                 |                 |                   |
|-------------------|-------------------|--------|---------------------------------|------------------------|-----|------------|---------------|--------------------|-----------------|-----------------|-------------------|
| 09.05.08 09:14:14 | 09.05.08 09:36:26 | FM6    | WTG Manual Stop                 | reset and start WTG    | AF  | 00:22:12   | 00:22:12      |                    |                 |                 |                   |
| 09.05.08 09:36:26 | 16.05.08 16:02:33 | FM6    | WTG Manual Stop                 | Change pitch Drive     | AF  | 7d06:26:07 | 7d06:26:07    |                    |                 |                 |                   |
| 16.05.08 16:02:33 | 17.05.08 13:56:47 | FM6    | WTG Manual Stop                 | Maintenance T3         | M   | 21:54:14   |               |                    |                 |                 | 21:54:14          |
| 19.05.08 06:06:23 | 19.05.08 16:19:37 | FM6    | WTG Manual Stop                 | Maintenance T3         | M   | 10:13:14   |               |                    |                 |                 | 10:13:14          |
| 20.05.08 12:17:40 | 20.05.08 12:18:57 | FM411  | Wind DirSlanting Stop           |                        | AF  | 00:01:18   | 00:01:18      |                    |                 |                 |                   |
| 20.05.08 13:23:40 | 20.05.08 13:24:59 | FM411  | Wind DirSlanting Stop           |                        | AF  | 00:01:19   | 00:01:19      |                    |                 |                 |                   |
| 20.05.08 15:32:55 | 20.05.08 15:34:12 | FM411  | Wind DirSlanting Stop           |                        | AF  | 00:01:17   | 00:01:17      |                    |                 |                 |                   |
| 21.05.08 13:16:12 | 21.05.08 13:17:18 | FM411  | Wind DirSlanting Stop           |                        | AF  | 00:01:06   | 00:01:06      |                    |                 |                 |                   |
| 24.05.08 13:18:20 | 24.05.08 14:51:35 | FM50   | SafetyChain Activated           | reset the safety chain | AF  | 01:33:15   | 01:33:15      |                    |                 |                 |                   |
| 24.05.08 14:51:36 | 24.05.08 14:52:11 | FM11   | PLC Reboot active               |                        | AF  | 00:00:35   | 00:00:35      |                    |                 |                 |                   |
| 24.05.08 15:08:04 | 24.05.08 15:08:38 | FM11   | PLC Reboot active               |                        | AF  | 00:00:35   | 00:00:35      |                    |                 |                 |                   |
| 24.05.08 15:08:38 | 24.05.08 15:12:31 | FM3    | WTG Stop For Grid Disconnection |                        | NAF | 00:03:53   |               | 00:03:53           |                 |                 |                   |
| 24.05.08 15:12:31 | 24.05.08 15:12:50 | FM300  | LV MainSwitch OFF               |                        | AF  | 00:00:19   | 00:00:19      |                    |                 |                 |                   |
| 24.05.08 15:12:50 | 24.05.08 15:13:10 | FM1201 | MI class A Fault                |                        | AF  | 00:00:21   | 00:00:21      |                    |                 |                 |                   |
| 24.05.08 15:13:42 | 24.05.08 15:13:49 | FM6    | WTG Manual Stop                 | reset and start WTG    | AF  | 00:00:08   | 00:00:08      |                    |                 |                 |                   |
| 27.05.08 23:29:40 | 27.05.08 23:32:17 | FM411  | Wind DirSlanting Stop           |                        | AF  | 00:02:38   | 00:02:38      |                    |                 |                 |                   |
|                   |                   |        |                                 |                        |     |            | 293.17        |                    |                 |                 |                   |
|                   |                   |        |                                 |                        |     |            | <b>Sum</b>    | <b>10d20:59:01</b> | <b>00:03:53</b> | <b>00:00:00</b> | <b>1d08:07:28</b> |
|                   |                   |        |                                 |                        |     |            | <b>260.98</b> | <b>0.06</b>        | <b>0</b>        | <b>32.12</b>    |                   |

02WEA8384

|                   |                   |        |                       |                |     |          |          |          |  |  |          |
|-------------------|-------------------|--------|-----------------------|----------------|-----|----------|----------|----------|--|--|----------|
| 01.05.08 11:09:40 | 01.05.08 11:12:09 | FM411  | Wind DirSlanting Stop |                | AF  | 00:02:29 | 00:02:29 |          |  |  |          |
| 03.05.08 13:58:42 | 03.05.08 14:00:00 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:18 | 00:01:18 |          |  |  |          |
| 05.05.08 09:52:52 | 05.05.08 09:54:09 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:17 | 00:01:17 |          |  |  |          |
| 05.05.08 11:03:19 | 05.05.08 11:04:39 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:20 | 00:01:20 |          |  |  |          |
| 05.05.08 12:46:50 | 05.05.08 12:48:10 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:20 | 00:01:20 |          |  |  |          |
| 05.05.08 13:19:43 | 05.05.08 13:21:01 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:17 | 00:01:17 |          |  |  |          |
| 09.05.08 06:56:37 | 09.05.08 14:37:34 | FM6    | WTG Manual Stop       | Maintenance T3 | M   | 07:40:57 |          |          |  |  | 07:40:57 |
| 09.05.08 15:03:32 | 09.05.08 15:04:47 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:16 | 00:01:16 |          |  |  |          |
| 11.05.08 12:57:19 | 11.05.08 12:58:37 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:18 | 00:01:18 |          |  |  |          |
| 13.05.08 06:22:59 | 13.05.08 16:12:31 | FM6    | WTG Manual Stop       | Maintenance T3 | M   | 09:49:32 |          |          |  |  | 09:49:32 |
| 14.05.08 06:43:22 | 14.05.08 15:28:28 | FM6    | WTG Manual Stop       | Maintenance T3 | M   | 08:45:06 |          |          |  |  | 08:45:06 |
| 14.05.08 19:43:19 | 14.05.08 19:44:39 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:20 | 00:01:20 |          |  |  |          |
| 14.05.08 20:21:28 | 14.05.08 20:22:46 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:18 | 00:01:18 |          |  |  |          |
| 15.05.08 01:03:22 | 15.05.08 01:26:30 | FM1003 | Yaw CableRewind       |                | NAF | 00:23:08 |          | 00:23:08 |  |  |          |
| 15.05.08 09:00:05 | 15.05.08 13:59:37 | FM6    | WTG Manual Stop       | Maintenance T3 | M   | 04:59:32 |          |          |  |  | 04:59:32 |
| 15.05.08 13:59:38 | 15.05.08 13:59:42 | FM6    | WTG Manual Stop       |                | AF  | 00:00:05 | 00:00:05 |          |  |  |          |
| 15.05.08 14:07:12 | 15.05.08 14:07:20 | FM6    | WTG Manual Stop       | reset WTG      | AF  | 00:00:08 | 00:00:08 |          |  |  |          |
| 16.05.08 17:27:38 | 16.05.08 17:30:16 | FM411  | Wind DirSlanting Stop |                | AF  | 00:02:38 | 00:02:38 |          |  |  |          |
| 19.05.08 15:06:11 | 19.05.08 15:07:25 | FM411  | Wind DirSlanting Stop |                | AF  | 00:01:14 | 00:01:14 |          |  |  |          |

|           | Status start      | Status end        | Status code | Error identification according to turbine controller | memo                   | A-Code | Duration   | T <sub>stop</sub> | T <sub>fm</sub> | T <sub>fm Grid</sub> | T <sub>fm Maintenance</sub> |
|-----------|-------------------|-------------------|-------------|------------------------------------------------------|------------------------|--------|------------|-------------------|-----------------|----------------------|-----------------------------|
| 02WEA8384 |                   |                   |             |                                                      |                        |        |            |                   |                 |                      |                             |
|           | 27.05.08 09:39:38 | 27.05.08 09:46:49 | FM161       | Gear OilPmp Stage1 FuseTrip                          |                        | AF     | 00:07:12   | 00:07:12          |                 |                      |                             |
|           | 27.05.08 23:30:30 | 27.05.08 23:33:22 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:02:52   | 00:02:52          |                 |                      |                             |
|           | 28.05.08 03:10:12 | 28.05.08 03:11:31 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:01:19   | 00:01:19          |                 |                      |                             |
|           | 28.05.08 16:23:11 | 28.05.08 16:24:27 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:01:16   | 00:01:16          |                 |                      |                             |
|           |                   |                   |             |                                                      |                        |        | 32.15      |                   |                 |                      |                             |
|           |                   |                   |             |                                                      |                        |        | <b>Sum</b> | <b>00:30:55</b>   | <b>00:23:08</b> | <b>00:00:00</b>      | <b>1d07:15:07</b>           |
|           |                   |                   |             |                                                      |                        |        |            | <b>0.52</b>       | <b>0.39</b>     | <b>0</b>             | <b>31.25</b>                |
| 03WEA8385 |                   |                   |             |                                                      |                        |        |            |                   |                 |                      |                             |
|           | 01.05.08 11:10:29 | 01.05.08 11:12:24 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:01:54   | 00:01:54          |                 |                      |                             |
|           | 01.05.08 11:13:04 | 01.05.08 11:55:30 | FM261       | RotBrk Brakepressure Fault                           |                        | AF     | 00:42:27   | 00:42:27          |                 |                      |                             |
|           | 01.05.08 11:55:54 | 01.05.08 12:00:01 | FM261       | RotBrk Brakepressure Fault                           |                        | AF     | 00:04:07   | 00:04:07          |                 |                      |                             |
|           | 01.05.08 12:00:25 | 01.05.08 12:00:56 | FM261       | RotBrk Brakepressure Fault                           |                        | AF     | 00:00:31   | 00:00:31          |                 |                      |                             |
|           | 01.05.08 20:01:55 | 01.05.08 20:03:14 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:01:19   | 00:01:19          |                 |                      |                             |
|           | 05.05.08 12:26:39 | 05.05.08 12:27:57 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:01:18   | 00:01:18          |                 |                      |                             |
|           | 05.05.08 12:29:03 | 05.05.08 12:53:26 | FM261       | RotBrk Brakepressure Fault                           |                        | AF     | 00:24:23   | 00:24:23          |                 |                      |                             |
|           | 05.05.08 12:53:38 | 05.05.08 13:25:02 | FM261       | RotBrk Brakepressure Fault                           |                        | AF     | 00:31:25   | 00:31:25          |                 |                      |                             |
|           | 05.05.08 13:25:14 | 05.05.08 13:31:37 | FM261       | RotBrk Brakepressure Fault                           |                        | AF     | 00:06:22   | 00:06:22          |                 |                      |                             |
|           | 05.05.08 13:31:52 | 05.05.08 13:38:48 | FM261       | RotBrk Brakepressure Fault                           |                        | AF     | 00:06:56   | 00:06:56          |                 |                      |                             |
|           | 05.05.08 13:39:01 | 05.05.08 15:21:20 | FM261       | RotBrk Brakepressure Fault                           | check hydraulic system | AF     | 01:42:20   | 01:42:20          |                 |                      |                             |
|           | 05.05.08 15:21:20 | 05.05.08 15:21:22 | FM6         | WTG Manual Stop                                      | reset and start WTG    | AF     | 00:00:02   | 00:00:02          |                 |                      |                             |
|           | 05.05.08 15:21:38 | 05.05.08 15:21:43 | FM261       | RotBrk Brakepressure Fault                           |                        | AF     | 00:00:05   | 00:00:05          |                 |                      |                             |
|           | 07.05.08 06:32:23 | 07.05.08 16:28:48 | FM6         | WTG Manual Stop                                      | Maintenance T3         | M      | 09:56:25   |                   |                 |                      | 09:56:25                    |
|           | 07.05.08 16:32:30 | 08.05.08 06:12:34 | FM1175      | Pitch3 Batt.contactor Error                          |                        | AF     | 13:40:04   | 13:40:04          |                 |                      |                             |
|           | 10.05.08 06:06:16 | 10.05.08 15:19:41 | FM6         | WTG Manual Stop                                      | Maintenance T3         | M      | 09:13:26   |                   |                 |                      | 09:13:26                    |
|           | 11.05.08 11:15:17 | 11.05.08 11:16:10 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:00:53   | 00:00:53          |                 |                      |                             |
|           | 11.05.08 11:16:10 | 11.05.08 11:17:25 | FM1175      | Pitch3 Batt.contactor Error                          |                        | AF     | 00:01:15   | 00:01:15          |                 |                      |                             |
|           | 11.05.08 13:15:11 | 11.05.08 13:16:01 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:00:50   | 00:00:50          |                 |                      |                             |
|           | 11.05.08 13:16:01 | 11.05.08 13:21:55 | FM1175      | Pitch3 Batt.contactor Error                          |                        | AF     | 00:05:54   | 00:05:54          |                 |                      |                             |
|           | 11.05.08 14:41:32 | 11.05.08 14:41:41 | FM6         | WTG Manual Stop                                      | reset WTG              | AF     | 00:00:09   | 00:00:09          |                 |                      |                             |
|           | 11.05.08 15:37:14 | 11.05.08 15:38:29 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:01:15   | 00:01:15          |                 |                      |                             |
|           | 12.05.08 06:16:43 | 12.05.08 13:24:12 | FM6         | WTG Manual Stop                                      | Maintenance T3         | M      | 07:07:28   |                   |                 |                      | 07:07:28                    |
|           | 13.05.08 12:43:08 | 13.05.08 14:00:04 | FM1175      | Pitch3 Batt.contactor Error                          |                        | AF     | 01:16:57   | 01:16:57          |                 |                      |                             |
|           | 13.05.08 14:00:04 | 13.05.08 14:25:52 | FM1143      | Pitchangle 3 Diff.Set-RedAct                         |                        | AF     | 00:25:48   | 00:25:48          |                 |                      |                             |
|           | 13.05.08 14:25:52 | 13.05.08 15:14:18 | FM6         | WTG Manual Stop                                      | reset and start WTG    | AF     | 00:48:26   | 00:48:26          |                 |                      |                             |
|           | 13.05.08 15:18:44 | 13.05.08 15:31:03 | FM1175      | Pitch3 Batt.contactor Error                          |                        | AF     | 00:12:19   | 00:12:19          |                 |                      |                             |
|           | 13.05.08 15:31:32 | 13.05.08 15:36:48 | FM1175      | Pitch3 Batt.contactor Error                          |                        | AF     | 00:05:17   | 00:05:17          |                 |                      |                             |
|           | 13.05.08 15:36:48 | 13.05.08 15:38:59 | FM6         | WTG Manual Stop                                      | reset and start WTG    | AF     | 00:02:11   | 00:02:11          |                 |                      |                             |
|           | 14.05.08 12:29:44 | 14.05.08 14:22:48 | FM6         | WTG Manual Stop                                      | Maintenance T3         | M      | 01:53:04   |                   |                 |                      | 01:53:04                    |
|           | 14.05.08 19:41:51 | 14.05.08 19:43:08 | FM411       | Wind DirSlanting Stop                                |                        | AF     | 00:01:17   | 00:01:17          |                 |                      |                             |

|  | Status start | Status end | Status code | Error identification according to turbine controller | memo | A-Code | Duration | T <sub>stop</sub> | T <sub>fm</sub> | T <sub>fm Grid</sub> | T <sub>fm Maintenance</sub> |
|--|--------------|------------|-------------|------------------------------------------------------|------|--------|----------|-------------------|-----------------|----------------------|-----------------------------|
|--|--------------|------------|-------------|------------------------------------------------------|------|--------|----------|-------------------|-----------------|----------------------|-----------------------------|

03WEA8385

|                   |                   |        |                             |                |    |          |          |          |          |          |            |
|-------------------|-------------------|--------|-----------------------------|----------------|----|----------|----------|----------|----------|----------|------------|
| 14.05.08 20:21:14 | 14.05.08 20:22:33 | FM411  | Wind DirSlanting Stop       |                | AF | 00:01:19 | 00:01:19 |          |          |          |            |
| 15.05.08 09:00:12 | 15.05.08 14:08:36 | FM6    | WTG Manual Stop             | Maintenance T3 | M  | 05:08:25 |          |          |          |          | 05:08:25   |
| 15.05.08 14:08:37 | 15.05.08 14:08:48 | FM6    | WTG Manual Stop             |                | AF | 00:00:11 | 00:00:11 |          |          |          |            |
| 15.05.08 14:30:24 | 15.05.08 14:30:59 | FM11   | PLC Reboot active           |                | AF | 00:00:35 | 00:00:35 |          |          |          |            |
| 19.05.08 14:15:47 | 19.05.08 14:17:04 | FM411  | Wind DirSlanting Stop       |                | AF | 00:01:17 | 00:01:17 |          |          |          |            |
| 19.05.08 15:05:25 | 19.05.08 15:06:42 | FM411  | Wind DirSlanting Stop       |                | AF | 00:01:17 | 00:01:17 |          |          |          |            |
| 20.05.08 12:16:02 | 20.05.08 12:17:23 | FM411  | Wind DirSlanting Stop       |                | AF | 00:01:21 | 00:01:21 |          |          |          |            |
| 20.05.08 13:21:52 | 20.05.08 13:23:09 | FM411  | Wind DirSlanting Stop       |                | AF | 00:01:17 | 00:01:17 |          |          |          |            |
| 27.05.08 23:31:18 | 27.05.08 23:32:13 | FM411  | Wind DirSlanting Stop       |                | AF | 00:00:55 | 00:00:55 |          |          |          |            |
| 29.05.08 19:29:10 | 29.05.08 19:37:22 | FM1175 | Pitch3 Batt.contactor Error |                | AF | 00:08:11 | 00:08:11 |          |          |          |            |
|                   |                   |        |                             |                |    |          | 54.02    |          |          |          |            |
|                   |                   |        |                             |                |    |          | Sum      | 20:42:07 | 00:00:00 | 00:00:00 | 1d09:18:48 |
|                   |                   |        |                             |                |    |          |          | 20.7     | 0        | 0        | 33.31      |

04WEA8386

|                   |                   |       |                                 |                         |     |          |          |          |  |  |          |
|-------------------|-------------------|-------|---------------------------------|-------------------------|-----|----------|----------|----------|--|--|----------|
| 01.05.08 11:10:33 | 01.05.08 11:12:14 | FM411 | Wind DirSlanting Stop           |                         | AF  | 00:01:41 | 00:01:41 |          |  |  |          |
| 01.05.08 12:28:58 | 01.05.08 12:30:15 | FM411 | Wind DirSlanting Stop           |                         | AF  | 00:01:17 | 00:01:17 |          |  |  |          |
| 06.05.08 06:45:53 | 06.05.08 14:21:19 | FM6   | WTG Manual Stop                 | Maintenance T3          | M   | 07:35:26 |          |          |  |  | 07:35:26 |
| 07.05.08 06:23:33 | 07.05.08 15:56:34 | FM6   | WTG Manual Stop                 | Maintenance T3          | M   | 09:33:01 |          |          |  |  | 09:33:01 |
| 09.05.08 06:33:57 | 09.05.08 12:05:17 | FM6   | WTG Manual Stop                 | Maintenance T3          | M   | 05:31:20 |          |          |  |  | 05:31:20 |
| 10.05.08 07:06:56 | 10.05.08 07:49:58 | FM6   | WTG Manual Stop                 |                         | AF  | 00:43:02 | 00:43:02 |          |  |  |          |
| 11.05.08 11:14:45 | 11.05.08 11:15:58 | FM411 | Wind DirSlanting Stop           |                         | AF  | 00:01:13 | 00:01:13 |          |  |  |          |
| 12.05.08 11:42:32 | 12.05.08 12:34:31 | FM208 | RotBrk Temp H Stop              |                         | AF  | 00:51:59 | 00:51:59 |          |  |  |          |
| 14.05.08 08:55:57 | 14.05.08 09:12:07 | FM208 | RotBrk Temp H Stop              |                         | AF  | 00:16:10 | 00:16:10 |          |  |  |          |
| 14.05.08 10:04:12 | 14.05.08 10:33:17 | FM208 | RotBrk Temp H Stop              |                         | AF  | 00:29:05 | 00:29:05 |          |  |  |          |
| 14.05.08 10:33:17 | 14.05.08 10:34:01 | FM6   | WTG Manual Stop                 | reset and start WTG     | AF  | 00:00:44 | 00:00:44 |          |  |  |          |
| 14.05.08 14:33:14 | 14.05.08 15:48:12 | FM6   | WTG Manual Stop                 | change light protection | AF  | 01:14:58 | 01:14:58 |          |  |  |          |
| 14.05.08 20:21:14 | 14.05.08 20:22:30 | FM411 | Wind DirSlanting Stop           |                         | AF  | 00:01:17 | 00:01:17 |          |  |  |          |
| 15.05.08 09:00:18 | 15.05.08 14:03:23 | FM6   | WTG Manual Stop                 | Maintenance T3          | M   | 05:03:04 |          |          |  |  | 05:03:04 |
| 15.05.08 14:03:23 | 15.05.08 14:03:35 | FM6   | WTG Manual Stop                 |                         | AF  | 00:00:12 | 00:00:12 |          |  |  |          |
| 15.05.08 14:03:35 | 15.05.08 14:18:36 | FM300 | LV MainSwitch OFF               |                         | AF  | 00:15:02 | 00:15:02 |          |  |  |          |
| 15.05.08 14:18:36 | 15.05.08 14:18:51 | FM3   | WTG Stop For Grid Disconnection |                         | NAF | 00:00:15 |          | 00:00:15 |  |  |          |
| 15.05.08 14:18:51 | 15.05.08 14:19:02 | FM6   | WTG Manual Stop                 |                         | AF  | 00:00:11 | 00:00:11 |          |  |  |          |
| 18.05.08 12:02:07 | 18.05.08 12:05:43 | FM208 | RotBrk Temp H Stop              |                         | AF  | 00:03:36 | 00:03:36 |          |  |  |          |
| 19.05.08 14:19:54 | 20.05.08 06:30:45 | FM208 | RotBrk Temp H Stop              |                         | AF  | 16:10:51 | 16:10:51 |          |  |  |          |
| 20.05.08 12:41:10 | 20.05.08 12:42:26 | FM411 | Wind DirSlanting Stop           |                         | AF  | 00:01:16 | 00:01:16 |          |  |  |          |
| 21.05.08 02:07:28 | 21.05.08 06:00:16 | FM208 | RotBrk Temp H Stop              |                         | AF  | 03:52:48 | 03:52:48 |          |  |  |          |
| 21.05.08 06:00:16 | 21.05.08 06:00:23 | FM6   | WTG Manual Stop                 | reset                   | AF  | 00:00:07 | 00:00:07 |          |  |  |          |
| 21.05.08 09:39:57 | 21.05.08 09:41:16 | FM411 | Wind DirSlanting Stop           |                         | AF  | 00:01:19 | 00:01:19 |          |  |  |          |
| 21.05.08 11:47:29 | 21.05.08 11:57:39 | FM208 | RotBrk Temp H Stop              |                         | AF  | 00:10:09 | 00:10:09 |          |  |  |          |

|           | Status start      | Status end        | Status code | Error identification according to turbine controller | memo                | A-Code | Duration | T <sub>stop</sub> | T <sub>fm</sub> | T <sub>fm Grid</sub> | T <sub>fm Maintenance</sub> |
|-----------|-------------------|-------------------|-------------|------------------------------------------------------|---------------------|--------|----------|-------------------|-----------------|----------------------|-----------------------------|
| 04WEA8386 |                   |                   |             |                                                      |                     |        |          |                   |                 |                      |                             |
|           | 21.05.08 12:23:38 | 21.05.08 12:53:34 | FM208       | RotBrk Temp H Stop                                   |                     | AF     | 00:29:56 | 00:29:56          |                 |                      |                             |
|           | 21.05.08 15:05:36 | 21.05.08 15:17:01 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 00:11:25 | 00:11:25          |                 |                      |                             |
|           | 21.05.08 15:17:02 | 21.05.08 15:26:57 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 00:09:55 | 00:09:55          |                 |                      |                             |
|           | 22.05.08 00:52:59 | 22.05.08 00:58:40 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 00:05:41 | 00:05:41          |                 |                      |                             |
|           | 22.05.08 01:02:24 | 22.05.08 01:03:13 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 00:00:49 | 00:00:49          |                 |                      |                             |
|           | 22.05.08 01:10:05 | 22.05.08 05:56:40 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 04:46:35 | 04:46:35          |                 |                      |                             |
|           | 22.05.08 05:56:40 | 22.05.08 05:56:46 | FM6         | WTG Manual Stop                                      | reset and start WTG | AF     | 00:00:06 | 00:00:06          |                 |                      |                             |
|           | 22.05.08 12:10:01 | 22.05.08 13:07:45 | FM6         | WTG Manual Stop                                      | Check the sensor    | AF     | 00:57:43 | 00:57:43          |                 |                      |                             |
|           | 22.05.08 13:12:07 | 22.05.08 13:14:09 | FM6         | WTG Manual Stop                                      |                     | AF     | 00:02:02 | 00:02:02          |                 |                      |                             |
|           | 22.05.08 13:14:09 | 22.05.08 13:14:10 | FM0         | WTG System ok                                        |                     | AF     | 00:00:01 | 00:00:01          |                 |                      |                             |
|           | 22.05.08 17:13:45 | 22.05.08 17:19:53 | FM6         | WTG Manual Stop                                      |                     | AF     | 00:06:08 | 00:06:08          |                 |                      |                             |
|           | 23.05.08 05:33:06 | 23.05.08 05:37:24 | FM1166      | Pitch1 battery defect                                |                     | AF     | 00:04:19 | 00:04:19          |                 |                      |                             |
|           | 23.05.08 05:37:24 | 23.05.08 05:38:47 | FM6         | WTG Manual Stop                                      | reset and start WTG | AF     | 00:01:23 | 00:01:23          |                 |                      |                             |
|           | 23.05.08 09:55:06 | 23.05.08 10:00:38 | FM1166      | Pitch1 battery defect                                |                     | AF     | 00:05:32 | 00:05:32          |                 |                      |                             |
|           | 23.05.08 10:00:47 | 23.05.08 14:57:59 | FM1166      | Pitch1 battery defect                                |                     | AF     | 04:57:12 | 04:57:12          |                 |                      |                             |
|           | 23.05.08 14:57:59 | 23.05.08 14:58:11 | FM6         | WTG Manual Stop                                      | reset and start WTG | AF     | 00:00:12 | 00:00:12          |                 |                      |                             |
|           | 23.05.08 15:01:14 | 23.05.08 15:03:37 | FM1166      | Pitch1 battery defect                                |                     | AF     | 00:02:22 | 00:02:22          |                 |                      |                             |
|           | 23.05.08 15:13:18 | 24.05.08 06:15:05 | FM1166      | Pitch1 battery defect                                |                     | AF     | 15:01:47 | 15:01:47          |                 |                      |                             |
|           | 24.05.08 06:15:09 | 24.05.08 06:17:25 | FM1166      | Pitch1 battery defect                                |                     | AF     | 00:02:16 | 00:02:16          |                 |                      |                             |
|           | 24.05.08 06:17:28 | 24.05.08 06:22:08 | FM1166      | Pitch1 battery defect                                |                     | AF     | 00:04:41 | 00:04:41          |                 |                      |                             |
|           | 24.05.08 06:22:14 | 24.05.08 06:23:14 | FM1166      | Pitch1 battery defect                                |                     | AF     | 00:01:01 | 00:01:01          |                 |                      |                             |
|           | 24.05.08 06:23:14 | 24.05.08 14:17:47 | FM6         | WTG Manual Stop                                      | reset and start WTG | AF     | 07:54:33 | 07:54:33          |                 |                      |                             |
|           | 25.05.08 07:16:49 | 25.05.08 07:34:28 | FM208       | RotBrk Temp H Stop                                   |                     | AF     | 00:17:38 | 00:17:38          |                 |                      |                             |
|           | 25.05.08 07:52:06 | 25.05.08 19:10:17 | FM208       | RotBrk Temp H Stop                                   |                     | AF     | 11:18:11 | 11:18:11          |                 |                      |                             |
|           | 25.05.08 19:10:17 | 25.05.08 19:10:28 | FM6         | WTG Manual Stop                                      | reset and start WTG | AF     | 00:00:11 | 00:00:11          |                 |                      |                             |
|           | 26.05.08 20:36:47 | 26.05.08 20:53:18 | FM208       | RotBrk Temp H Stop                                   |                     | AF     | 00:16:31 | 00:16:31          |                 |                      |                             |
|           | 27.05.08 00:35:50 | 27.05.08 05:54:10 | FM208       | RotBrk Temp H Stop                                   |                     | AF     | 05:18:19 | 05:18:19          |                 |                      |                             |
|           | 27.05.08 05:54:10 | 27.05.08 05:54:16 | FM6         | WTG Manual Stop                                      | reset and start WTG | AF     | 00:00:07 | 00:00:07          |                 |                      |                             |
|           | 27.05.08 23:31:12 | 27.05.08 23:33:52 | FM411       | Wind DirSlanting Stop                                |                     | AF     | 00:02:40 | 00:02:40          |                 |                      |                             |
|           | 28.05.08 13:02:10 | 28.05.08 13:44:46 | FM208       | RotBrk Temp H Stop                                   |                     | AF     | 00:42:36 | 00:42:36          |                 |                      |                             |
|           | 28.05.08 13:46:48 | 28.05.08 15:26:35 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 01:39:47 | 01:39:47          |                 |                      |                             |
|           | 28.05.08 15:26:35 | 28.05.08 15:27:39 | FM6         | WTG Manual Stop                                      | reset and start WTG | AF     | 00:01:04 | 00:01:04          |                 |                      |                             |
|           | 28.05.08 15:30:24 | 29.05.08 06:15:45 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 14:45:20 | 14:45:20          |                 |                      |                             |
|           | 29.05.08 06:18:56 | 29.05.08 06:24:29 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 00:05:33 | 00:05:33          |                 |                      |                             |
|           | 29.05.08 06:24:29 | 29.05.08 06:24:40 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 00:00:11 | 00:00:11          |                 |                      |                             |
|           | 29.05.08 06:24:41 | 29.05.08 06:24:53 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 00:00:13 | 00:00:13          |                 |                      |                             |
|           | 29.05.08 06:24:54 | 29.05.08 06:27:57 | FM705       | RotBrk Temp CableCut                                 |                     | AF     | 00:03:03 | 00:03:03          |                 |                      |                             |
|           | 29.05.08 06:28:14 | 29.05.08 06:28:36 | FM208       | RotBrk Temp H Stop                                   |                     | AF     | 00:00:23 | 00:00:23          |                 |                      |                             |
|           | 29.05.08 06:28:37 | 29.05.08 06:29:15 | FM208       | RotBrk Temp H Stop                                   |                     | AF     | 00:00:39 | 00:00:39          |                 |                      |                             |
|           |                   |                   |             |                                                      |                     |        | 121.63   |                   |                 |                      |                             |

|  | Status start | Status end | Status code | Error identification according to turbine controller | memo | A-Code | Duration | T <sub>stop</sub> | T <sub>fm</sub> | T <sub>fm Grid</sub> | T <sub>fm Maintenance</sub> |
|--|--------------|------------|-------------|------------------------------------------------------|------|--------|----------|-------------------|-----------------|----------------------|-----------------------------|
|  |              |            |             |                                                      |      |        | Sum      | 3d21:54:60        | 00:00:15        | 00:00:00             | 1d03:42:50                  |
|  |              |            |             |                                                      |      |        |          | 93.92             | 0               | 0                    | 27.71                       |

NAF: non availability failure  
 AF: availability failure  
 GE: Grid Error  
 M: Maintenance

**Business year: 04.2008 - 03.2009**  
**Reporting period: 05.2008**

[illegible]

## 3.2 Amount

Wind farm: **LEHAUCOURT**  
Type of turbine: **N90**

Customer: **SNET**  
Number of wind turbines: **4**

Business year: **04.2008 - 03.2009**  
Reporting period: **05.2008**

| Content                                                                        | Production in kWh | Net amount                                                                                        | Amount incl. VAT    |
|--------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------|---------------------|
| Production wind farm according to control in reporting period                  | <b>2.532.310</b>  | <b>212.714,04 €</b>                                                                               | <b>254.405,99 €</b> |
| Production according to invoicing of energy supply company in reporting period | <b>0</b>          | <b>0 €</b>                                                                                        | <b>0 €</b>          |
| Net payment [€ / kWh]                                                          | <b>0.084 €</b>    | Difference between data from the wind turbines and data from the energy supply company in percent | <b>100 %</b>        |

#### 4. Power Curves

Wind farm: LEHAUCOURT Customer: SNET  
WTGt type: N 90 Number of WTG's: 4

