

**Planned Maintenance at relevant points 2018**

| ID     | Activity                     | Maintenance Start |       |    | Maintenance End |       |    | Duration | relevant point |                                    |         | max. available capacity<br>(in kWh/h and %) |
|--------|------------------------------|-------------------|-------|----|-----------------|-------|----|----------|----------------|------------------------------------|---------|---|
|        |                              | Date              | Time  | CW | Date            | Time  | CW |          | Direction      | Point                              | Quality |   |
| GCA.15 | Consequence TAG<br>"T.30"    | 19.03.2018        | 06:00 | 12 | 02.04.2018      | 16:00 | 14 | 15 days  | Exit           | Murfeld                            | FZK     | 3.938.432 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 84,0%                                       |
| GCA.01 | System Test                  | 15.05.2018        | 06:00 | 20 | 15.05.2018      | 12:00 | 20 | 6 hours  | Exit           | Mosonmagyaróvár                    | FZK     | 0 kWh/h                                     |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 0,0%  |
| GCA.02 | Station works                | 21.05.2018        | 06:00 | 21 | 02.06.2018      | 18:00 | 22 | 13 days  | Exit           | Oberkappel                         | FZK     | 9.545.085 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 61,0%                                       |
| GCA.03 | Station works                | 04.06.2018        | 06:00 | 23 | 15.06.2018      | 18:00 | 24 | 12 days  | Entry          | Oberkappel                         | FZK     | 4.465.646 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 61,0%                                       |
| GCA.04 | System Test                  | 05.06.2018        | 06:00 | 23 | 05.06.2018      | 12:00 | 23 | 6 hours  | Entry/Exit     | Oberkappel                         | FZK     | 6.375.138 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 62,0%                                       |
| GCA.05 | System Test                  | 12.06.2018        | 06:00 | 24 | 12.06.2018      | 15:00 | 24 | 9 hours  | Entry/Exit     | Überackern/ABG<br>Überackern/SUDAL | FZK     | 2.958.551 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 62,0%                                       |
| GCA.06 | Station works                | 12.06.2018        | 06:00 | 24 | 19.06.2018      | 09:00 | 25 | 8 days   | Entry/Exit     | Überackern/SUDAL                   | FZK     | 0 kWh/h                                     |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 0,0%  |
| GCA.07 | Station works<br>System Test | 13.06.2018        | 06:00 | 24 | 13.06.2018      | 15:00 | 24 | 9 hours  | Entry/Exit     | Überackern/ABG<br>Überackern/SUDAL | FZK     | 0 kWh/h                                     |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 0,0%  |
| GCA.09 | Station works                | 19.06.2018        | 06:00 | 25 | 22.06.2018      | 16:00 | 25 | 4 days   | Entry/Exit     | Baumgarten WAG                     | FZK     | 0 kWh/h                                     |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 0,0%  |
| GCA.10 | Station works                | 17.07.2018        | 06:00 | 29 | 19.07.2018      | 16:00 | 29 | 3 days   | Exit           | Murfeld                            | FZK     | 1.590.515 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 16,0%                                       |
| GCA.11 | Station works                | 21.08.2018        | 06:00 | 34 | 23.08.2018      | 06:00 | 34 | 2 days   | Entry          | Überackern/ABG<br>Überackern/SUDAL | FZK     | 738.120 kWh/h                               |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 16,0%                                       |
| GCA.12 | Station works                | 05.09.2018        | 06:00 | 36 | 07.09.2018      | 06:00 | 36 | 2 days   | Entry/Exit     | Baumgarten WAG                     | FZK     | 0 kWh/h                                     |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 0,0%  |
| GCA.13 | Station works<br>System Test | 11.09.2018        | 06:00 | 37 | 14.09.2018      | 18:00 | 37 | 4 days   | Exit           | Oberkappel                         | FZK     | 5.502.499 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 35,0%                                       |
| GCA.14 | System Test                  | 11.09.2018        | 06:00 | 37 | 11.09.2018      | 14:00 | 37 | 8 hours  | Entry          | Baumgarten GCA                     | FZK     | 2.574.331 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 35,0%                                       |
| GCA.18 | Consequence TAG<br>"T.32"    | 17.09.2018        | 06:00 | 38 | 30.09.2018      | 16:00 | 39 | 14 days  | Exit           | Murfeld                            | FZK     | 0 kWh/h                                     |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 0,0%  |
| GCA.13 | Station works<br>System Test | 11.09.2018        | 06:00 | 37 | 14.09.2018      | 18:00 | 37 | 4 days   | Entry          | Überackern/ABG<br>Überackern/SUDAL | FZK     | 13.969.003 kWh/h                            |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 70,0%                                       |
| GCA.13 | Station works<br>System Test | 11.09.2018        | 06:00 | 37 | 14.09.2018      | 18:00 | 37 | 4 days   | Exit           | Überackern/ABG<br>Überackern/SUDAL | FZK     | 7.287.935 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 71,0%                                       |
| GCA.13 | Station works<br>System Test | 11.09.2018        | 06:00 | 37 | 14.09.2018      | 18:00 | 37 | 4 days   | Entry          | Oberkappel                         | FZK     | 4.996.869 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 49,0%                                       |
| GCA.13 | Station works<br>System Test | 11.09.2018        | 06:00 | 37 | 14.09.2018      | 18:00 | 37 | 4 days   | Exit           | Oberkappel                         | FZK     | 7.878.562 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 51,0%                                       |
| GCA.13 | Station works<br>System Test | 11.09.2018        | 06:00 | 37 | 14.09.2018      | 18:00 | 37 | 4 days   | Entry          | Überackern/ABG<br>Überackern/SUDAL | FZK     | 2.318.629 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 49,0%                                       |
| GCA.13 | Station works<br>System Test | 11.09.2018        | 06:00 | 37 | 14.09.2018      | 18:00 | 37 | 4 days   | Exit           | Überackern/ABG<br>Überackern/SUDAL | FZK     | 3.685.967 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 51,0%                                       |
| GCA.14 | System Test                  | 11.09.2018        | 06:00 | 37 | 11.09.2018      | 14:00 | 37 | 8 hours  | Entry          | Baumgarten GCA                     | FZK     | 0 kWh/h                                     |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 0,0%  |
| GCA.18 | Consequence TAG<br>"T.32"    | 17.09.2018        | 06:00 | 38 | 30.09.2018      | 16:00 | 39 | 14 days  | Exit           | Murfeld                            | FZK     | 2.109.875 kWh/h                             |
|        |                              |                   |       |    |                 |       |    |          |                |                                    |         | 45,0%                                       |

If there are temporal overlaps of maintenance activities, the lowest availability at all affected relevant points is valid.