

Appendix 12.

TENT B2_ Overview of the ESP's performance

The overview of the results from unity probe of ESP's - unit B2

| LEFT ESP (21, 22, 23, 24, 25, 26, 27, 28) | | | | | | | | | | | | | | | | | | | | | | | | | RIGHT ESP (11, 12, 13, 14, 15, 16, 17, 18) | | | | | | | | | | | |
|---|---------------|----------|--|-----------------------|-----------|------------|-----------|----------|----------|--|---|-----------|---------------|----------|--|-----------------------|-----------|------------|-----------|----------|----------|--|---|-------|--|-----|--|--|--|--|--|--|--|--|--|--|
| P (MW) | Hd (kJ/kg) | A (%) | Vx10 ³ (m ³ /h) | O ₂ (%) | t (°C) | v (m/s) | U (kV) | I (A) | η (%) | c _{ul} (g/m ³) | c _{iz} (mg/m ³) | P (MW) | Hd (kJ/kg) | A (%) | Vx10 ³ (m ³ /h) | O ₂ (%) | t (°C) | v (m/s) | U (kV) | I (A) | η (%) | c _{ul} (g/m ³) | c _{iz} (mg/m ³) | | | | | | | | | | | | | |
| 1986 | 616 | 8163 | 11 | 1047 | 5.5 | 151 | 16.9 | 50 | 57 | 1.6 | 1.5 | 99.89 | 28 | 7949 | 10 | 1237 | 13.1 | 153 | 14.4 | 37 | 56 | 1.0 | 1.8 | 99.93 | 20.46 | 14 | | | | | | | | | | |
| | | | | | | 17.1 | 56 | 68 | 1.9 | 2.0 | 17.5 | | | | | | | | 83 | 63 | 1.6 | 2.02 | | | | | | | | | | | | | | |
| | | | | | | | 67 | 65 | 2.0 | 2.0 | 51 | | | | | | | | 61 | 1.4 | 2.0 | | | | | | | | | | | | | | | |
| | | | | | | | 50 | 57 | 1.6 | 1.8 | 43 | | | | | | | | 53 | 2.2 | 2.0 | | | | | | | | | | | | | | | |
| | 619 | 8892 | 9 | 1049 | 5.1 | 149 | 17.0 | 56 | 69 | 1.9 | 2.0 | 99.36 | 127 | 8420 | 8 | 1101 | 6.2 | 152 | 18.1 | 56 | 59 | / | 2.0 | 99.93 | 17.19 | 12 | | | | | | | | | | |
| | | | | | | 17.5 | 85 | 66 | 1.9 | 2.0 | 17.6 | | | | | | | | 56 | 50 | 1.9 | 1.8 | | | | | | | | | | | | | | |
| | | | | | | | 67 | 64 | 2.0 | 2.0 | 50 | | | | | | | | 51 | / | 2.0 | | | | | | | | | | | | | | | |
| | | | | | | | 52 | 58 | 1.6 | 1.8 | 58 | | | | | | | | 53 | 2.1 | 2.0 | | | | | | | | | | | | | | | |
| | 507 | 8780 | 9 | 960 | 5.7 | 145 | 15.0 | 56 | 66 | 1.9 | 2.0 | 99.96 | 7 | 8753 | 8 | 956 | 6.2 | 146 | 14.9 | 58 | 58 | / | 2.0 | 99.97 | 15.82 | 5 | | | | | | | | | | |
| | | | | | | 15.1 | 85 | 65 | 1.9 | 2.0 | 15.2 | | | | | | | | 55 | 47 | 1.9 | 1.9 | | | | | | | | | | | | | | |
| | | | | | | 67 | 63 | 2.0 | 2.0 | 48 | 45 | | | | | | | | / | 1.8 | | | | | | | | | | | | | | | | |
| | | | | | | 52 | 58 | 1.6 | 1.8 | 58 | 54 | | | | | | | | 2.1 | 2.0 | | | | | | | | | | | | | | | | |
| 509 | 8736 | 11 | 940 | 5.2 | 144 | 14.9 | 56 | 67 | 1.9 | 2 | 99.97 | 6 | 8344 | 9 | 951 | 14.7 | 146 | 14.9 | 59 | 58 | / | 2.0 | 99.96 | 16.37 | 6 | | | | | | | | | | | |
| | | | | | 14.6 | 85 | 67 | 1.9 | 2 | 15.2 | | | | | | | | 42 | 47 | 1.3 | 1.9 | | | | | | | | | | | | | | | |
| | | | | | | 68 | 65 | 2 | 2 | 47 | | | | | | | | 45 | / | 1.8 | | | | | | | | | | | | | | | | |
| | | | | | | 47 | 55 | 1.1 | 1.6 | 54 | | | | | | | | 53 | 1.9 | 1.8 | | | | | | | | | | | | | | | | |
| 1987 | 621 | 7990 | 13 | 1395 | 5.5 | 162 | 20.5 | 53 | 64 | 1.8 | 1.8 | 99.88 | 36 | 7990 | 13 | 1255 | 5.8 | 170 | 18.8 | 30 | / | / | / | 99.88 | 32.10 | 43 | | | | | | | | | | |
| | | | | | | 20.2 | 75 | 50 | 1.5 | 1.7 | 18.4 | | | | | | | | 53 | 50 | 1.8 | 1.7 | | | | | | | | | | | | | | |
| | | | | | | | / | 51 | / | 1.8 | 47 | | | | | | | | 43 | / | 1.2 | | | | | | | | | | | | | | | |
| | | | | | | | 52 | 56 | 1.8 | 1.8 | 53 | | | | | | | | 52 | 1.9 | 1.8 | | | | | | | | | | | | | | | |
| 1988 | 623 | 8051 | 11 | 1253 | 6.6 | 163 | 17.7 | 50 | 60 | 1.8 | 1.8 | 99.83 | 45 | 8051 | 11 | 1383 | 6.6 | 165 | 19.8 | / | 52 | / | 1.8 | 99.63 | 26.90 | 100 | | | | | | | | | | |
| | | | | | | 18.0 | 77 | 65 | 1.7 | 1.9 | 19.9 | | | | | | | | 50 | 48 | 1.8 | 1.7 | | | | | | | | | | | | | | |
| | | | | | | | 59 | 60 | 1.8 | 1.9 | 46 | | | | | | | | 43 | 1.8 | 1.3 | | | | | | | | | | | | | | | |
| | | | | | | | 54 | 56 | 1.8 | 1.8 | 56 | | | | | | | | 53 | 1.9 | 1.8 | | | | | | | | | | | | | | | |
| 1989 | 617 | 8183 | 11 | 1367 | 6.8 | 156 | | 53 | 65 | 1.8 | 1.8 | 99.93 | 18 | 8183 | 11 | 1539 | 6.5 | 178 | 22.6 | 53 | 56 | 1.9 | 1.8 | 99.94 | 28.00 | 16 | | | | | | | | | | |
| | | | | | | | 74 | 68 | 1.5 | 1.9 | 23.3 | | | | | | | | 54 | 49 | 1.8 | 1.8 | | | | | | | | | | | | | | |
| | | | | | | | 64 | 64 | 1.9 | 1.8 | 47 | | | | | | | | 48 | 1.7 | 1.8 | | | | | | | | | | | | | | | |
| | | | | | | | 52 | 58 | 1.4 | 2.0 | 52 | | | | | | | | 50 | 1.6 | 1.5 | | | | | | | | | | | | | | | |
| 1990 | 601 | 7771 | 14 | 1268 | 6.9 | 142 | 17.4 | 54 | 66 | 1.6 | 1.8 | 99.92 | 32 | 7771 | 14 | 1435 | 8.1 | 160 | 20.6 | 42 | 55 | 1.2 | 1.8 | 99.93 | 40.28 | 29 | | | | | | | | | | |
| | | | | | | | 17.7 | 75 | 62 | 1.3 | 1.4 | | | | | | | | 20.3 | 52 | 48 | 1.8 | 1.5 | | | | | | | | | | | | | |
| | | | | | | | 62 | 60 | 2.0 | 1.4 | 42 | | | | | | | | 42 | 1.3 | 1.2 | | | | | | | | | | | | | | | |
| | | | | | | | 52 | 59 | 1.4 | 2.0 | 52 | | | | | | | | 50 | 1.6 | 1.6 | | | | | | | | | | | | | | | |
| 608 | 8489 | 12 | 1230 | 7.2 | 140 | 16.6 | 54 | 66 | 1.6 | 1.8 | 99.93 | 22 | 8489 | 12 | 1403 | 6.5 | 158 | 19.9 | 41 | 55 | 1.1 | 1.8 | 99.92 | 31.20 | 26 | | | | | | | | | | | |
| | | | | | | 16.6 | 75 | 62 | 1.3 | 1.4 | | | | | | | | 20.1 | 52 | 48 | 1.8 | 1.5 | | | | | | | | | | | | | | |
| | | | | | | 62 | 60 | 2.0 | 1.4 | 41 | | | | | | | | 42 | 1.3 | 1.2 | | | | | | | | | | | | | | | | |
| | | | | | | 52 | 58 | 1.4 | 1.9 | 52 | | | | | | | | 50 | 1.6 | 1.6 | | | | | | | | | | | | | | | | |
| 595 | 8448 | 13 | 1194 | 6.7 | 141 | | 52 | 58 | 1.4 | 1.9 | 99.86 | 51 | 8448 | 13 | 1398 | 6.7 | 160 | | 52 | 50 | 1.6 | 1.6 | 99.93 | 34.46 | 25 | | | | | | | | | | | |
| | | | | | | 16.1 | 54 | 66 | 1.6 | 1.8 | | | | | | | | 20.1 | 42 | 55 | 1.2 | 1.8 | | | | | | | | | | | | | | |
| | | | | | | 16.3 | 75 | 62 | 1.2 | 1.3 | | | | | | | | 19.7 | 52 | 48 | 1.8 | 1.5 | | | | | | | | | | | | | | |
| | | | | | | 62 | 59 | 2.0 | 1.4 | 40 | | | | | | | | 42 | 1.1 | 1.1 | | | | | | | | | | | | | | | | |

The overview of the results from unity probe of ESP's - unit B2

| LEFT ESP (21, 22, 23, 24, 25, 26, 27, 28) | | | | | | | | | | | | | | | | | | | | | | | | | RIGHT ESP (11, 12, 13, 14, 15, 16, 17, 18) | | | | | | | | | | | |
|---|-----------|---------------|----------|--|-----------------------|-----------|------------|-----------|-----|----------|----------|--|---|-----------|---------------|----------|--|-----------------------|-----------|------------|-----------|-----|----------|----------|--|---|-----|-----|-----|-----|--|--|--|--|--|--|
| | P (MW) | Hd (kJ/kg) | A (%) | Vx10 ³ (m ³ /h) | O ₂ (%) | t (°C) | v (m/s) | U (kV) | | I (A) | η (%) | c _{ul} (g/m ³) | c _{iz} (mg/m ³) | P (MW) | Hd (kJ/kg) | A (%) | Vx10 ³ (m ³ /h) | O ₂ (%) | t (°C) | v (m/s) | U (kV) | | I (A) | η (%) | c _{ul} (g/m ³) | c _{iz} (mg/m ³) | | | | | | | | | | |
| | | | | | | | | 49 | 1 | | | | | | | | | | | | 1.9 | 1.8 | | | | | 83 | 65 | 1.8 | 1.8 | | | | | | |
| | 601 | 7741 | 16 | 1244 | 7.1 | 157 | 18.4 | 48 | 51 | 1.9 | 1.8 | 42.94 | 64 | 601 | 7741 | 16 | 1362 | 7.9 | 170 | 20.5 | 68 | 53 | 2 | 1.8 | 99.87 | 43.02 | 56 | | | | | | | | | |
| | | | | | | | 16.8 | 58 | 52 | 1.8 | 1.9 | | | | | | | | | 18.9 | 55 | 78 | 1.8 | 1.4 | | | | | | | | | | | | |
| | | | | | | | | 55 | 55 | 1.9 | 1.8 | | | | | | | | | | 47 | 65 | 1.7 | 1.8 | | | | | | | | | | | | |
| | | | | | | | | 50 | 1 | 1.9 | 1.8 | | | | | | | | | | 83 | 65 | 1.8 | 1.8 | | | | | | | | | | | | |
| | | | | | | | | 17.6 | 49 | 51 | 1.9 | | | | | | | | | 1.8 | 19.7 | 67 | 53 | 2 | | | | 1.8 | | | | | | | | |
| 1991 | 601 | 9161 | 11 | 1238 | 6.7 | 157 | 17 | 58 | 52 | 1.9 | 1.9 | 25.89 | 77 | 601 | 9161 | 11 | 1356 | 6.6 | 169 | 19.4 | 54 | 77 | 1.8 | 1.4 | 99.87 | 25.89 | 34 | | | | | | | | | |
| | | | | | | | | 54 | 54 | 1.9 | 1.8 | | | | | | | | | | 44 | 63 | 1.6 | 1.8 | | | | | | | | | | | | |
| | | | | | | | | 52 | 1 | 1.9 | 1.8 | | | | | | | | | | 78 | 64 | 1.8 | 1.8 | | | | | | | | | | | | |
| | | | | | | | 18.3 | 52 | 54 | 1.9 | 1.8 | | | | | | | | | 18.8 | 70 | 58 | 1.7 | 1.2 | | | | | | | | | | | | |
| | | | | | | | 17.3 | 59 | 53 | 1.7 | 1.9 | | | | | | | | | 18.4 | 56 | 79 | 1.8 | 1.4 | | | | | | | | | | | | |
| | 608 | 8247 | 15 | 1294 | 6.3 | 169 | | 55 | 56 | 1.9 | 1.8 | 40.76 | 99 | 608 | 8247 | 15 | 1375 | 6.9 | 170 | | | | | | 99.76 | 40.59 | 98 | | | | | | | | | |
| | | | | | | | 65 | 53 | 1.8 | 0.8 | | | | | | | | | | 52 | 48 | 1.8 | 1.7 | | | | | | | | | | | | | |
| | | | | | | | 17.9 | 61 | 54 | 1.7 | 1.4 | | | | | | | | | 20.0 | 52 | 52 | 1.1 | 1.8 | | | | | | | | | | | | |
| | | | | | | | 19.7 | 52 | 72 | 1.0 | 1.4 | | | | | | | | | 19.8 | 50 | 50 | 1.2 | 1.9 | | | | | | | | | | | | |
| | | | | | | | | 46 | 58 | 1.4 | 1.4 | | | | | | | | | | 1 | 47 | 1 | 1.5 | | | | | | | | | | | | |
| 1992 | 603 | 7266 | 19 | 1307 | 7.0 | 171 | | 65 | 54 | 1.8 | 0.8 | 56.34 | 84 | 603 | 7266 | 19 | 1394 | 7.1 | 175 | | | | | | 99.91 | 56.22 | 50 | | | | | | | | | |
| | | | | | | | 18.9 | 62 | 53 | 1.7 | 1.2 | | | | | | | | | 20.7 | 53 | 53 | 1.0 | 1.8 | | | | | | | | | | | | |
| | | | | | | | 19.4 | 55 | 69 | 1.2 | 1.2 | | | | | | | | | 20.6 | 52 | 51 | 1.4 | 1.9 | | | | | | | | | | | | |
| | | | | | | | | 47 | 58 | 1.5 | 1.4 | | | | | | | | | | 1 | 48 | 1 | 1.4 | | | | | | | | | | | | |
| | | | | | | | | 65 | 53 | 1.8 | 0.8 | | | | | | | | | | 52 | 48 | 1.9 | 1.6 | | | | | | | | | | | | |
| | 620 | 7593 | 14 | 1331 | 6.6 | 167 | 19.5 | 62 | 52 | 1.8 | 1.2 | 40.80 | 108 | 620 | 7593 | 14 | 1340 | 6.6 | 166 | 20.5 | 52 | 52 | 1.2 | 1.8 | 99.92 | 40.95 | 33 | | | | | | | | | |
| | | | | | | | 19.5 | 52 | 67 | 1.2 | 1.2 | | | | | | | | | 18.8 | 50 | 48 | 1.4 | 1.9 | | | | | | | | | | | | |
| | | | | | | | | 45 | 56 | 1.5 | 1.4 | | | | | | | | | | 1 | 46 | 1 | 1.4 | | | | | | | | | | | | |
| | | | | | | | | 73 | 50 | 1.5 | 0.6 | | | | | | | | | | 52 | 51 | 1.8 | 1.2 | | | | | | | | | | | | |
| | | | | | | | 17.7 | 70 | 52 | 1.8 | 1.4 | | | | | | | | | 20.0 | 54 | 57 | 1.3 | 1.8 | | | | | | | | | | | | |
| 1993 | 570 | 7359 | 18 | 1222 | 6.9 | 173 | 18.5 | 60 | 80 | 1.3 | 1.3 | 56.03 | 19 | 570 | 7359 | 18 | 1348 | 7.1 | 178 | 20.4 | 65 | 64 | 1.4 | 1.9 | 99.91 | 56.34 | 44 | | | | | | | | | |
| | | | | | | | | 48 | 63 | 1.8 | 1.8 | | | | | | | | | | 50 | 55 | 1.4 | 1.8 | | | | | | | | | | | | |
| | | | | | | | | 72 | 50 | 1.5 | 0.6 | | | | | | | | | | 53 | 52 | 1.8 | 1.2 | | | | | | | | | | | | |
| | | | | | | | 19.0 | 70 | 52 | 1.8 | 1.2 | | | | | | | | | 20.9 | 55 | 58 | 1.3 | 1.8 | | | | | | | | | | | | |
| | | | | | | | 18.0 | 59 | 1 | 1.3 | 1 | | | | | | | | | 20.5 | 66 | 66 | 1.4 | 1.9 | | | | | | | | | | | | |
| | 583 | 7829 | 15 | 1256 | 6.9 | 171 | | 46 | 53 | 1.7 | 1.8 | 42.38 | 20 | 583 | 7829 | 15 | 1368 | 7.0 | 183 | | 51 | 56 | 1.4 | 1.8 | 99.63 | 42.12 | 135 | | | | | | | | | |
| | | | | | | | | 72 | 50 | 1.5 | 0.6 | | | | | | | | | | 53 | 51 | 1.8 | 1.2 | | | | | | | | | | | | |
| | | | | | | | 19.0 | 70 | 52 | 1.8 | 1.2 | | | | | | | | | 20.9 | 55 | 58 | 1.3 | 1.8 | | | | | | | | | | | | |
| | | | | | | | 18.0 | 59 | 1 | 1.3 | 1 | | | | | | | | | 20.5 | 66 | 66 | 1.4 | 1.9 | | | | | | | | | | | | |
| | | | | | | | | 45 | 53 | 1.6 | 1.8 | | | | | | | | | | 50 | 56 | 1.4 | 1.8 | | | | | | | | | | | | |
| | 595 | 7532 | 17 | 1311 | 7.5 | 170 | 18.5 | 68 | 52 | 1.8 | 1.3 | 51.52 | 11 | 595 | 7532 | 17 | 1403 | 7.8 | 176 | 20.4 | 55 | 56 | 1.4 | 1.8 | 99.65 | 52.50 | 154 | | | | | | | | | |
| | | | | | | | 20.0 | 58 | 1 | 1.4 | 1 | | | | | | | | | 21.2 | 65 | 65 | 1.4 | 1.9 | | | | | | | | | | | | |
| | | | | | | | | 45 | 53 | 1.6 | 1.8 | | | | | | | | | | 50 | 56 | 1.4 | 1.8 | | | | | | | | | | | | |
| | | | | | | | | 72 | 50 | 1.5 | 0.6 | | | | | | | | | | 53 | 51 | 1.8 | 1.2 | | | | | | | | | | | | |
| | | | | | | | | 18.5 | 68 | 52 | 1.8 | | | | | | | | | 1.3 | 20.4 | 55 | 56 | 1.4 | | | | 1.8 | | | | | | | | |

The overview of the results from unity probe of ESP's - unit B2

| | LEFT ESP (21, 22, 23, 24, 25, 26, 27, 28) | | | | | | | | | | | | RIGHT ESP (11, 12, 13, 14, 15, 16, 17, 18) | | | | | | | | | | | | | |
|------|---|---------------|----------|--|-----------------------|-----------|------------|-----------|----------|----------|--|---|--|---------------|----------|--|-----------------------|-----------|------------|-----------|----------|----------|--|---|-------|----|
| | P (MW) | Hd (kJ/kg) | A (%) | Vx10 ³ (m ³ /h) | O ₂ (%) | t (°C) | v (m/s) | U (kV) | I (A) | η (%) | c _{ul} (g/m ³) | c _{iz} (mg/m ³) | P (MW) | Hd (kJ/kg) | A (%) | Vx10 ³ (m ³ /h) | O ₂ (%) | t (°C) | v (m/s) | U (kV) | I (A) | η (%) | c _{ul} (g/m ³) | c _{iz} (mg/m ³) | | |
| | 571 | 8358 | 15 | 1232 | 7.2 | 167 | 17.6 | 64 | 51 | 1.4 | 1.5 | 0.7 | 571 | 8358 | 15 | 1288 | 7.3 | 173 | 17.9 | 52 | 50 | 1.5 | 1.5 | 99.93 | 41.50 | 26 |
| | | | | | | | 17.5 | 57 | 54 | 1.7 | 1.3 | 19.4 | | | | | | | 58 | 56 | 1.3 | 1.5 | | | | |
| | | | | | | | 40 | 45 | 1.0 | 0.8 | 51 | 52 | | | | | | | 1.5 | 1.5 | | | | | | |
| | | | | | | | 68 | 50 | 1.5 | 0.7 | 48 | 49 | | | | | | | 1.5 | 1.3 | | | | | | |
| | | | | | | | 18.0 | 62 | 50 | 1.4 | 1.5 | 17.9 | | | | | | | 50 | 50 | 1.5 | 1.5 | | | | |
| | | | | | | | 19.7 | 55 | 53 | 1.8 | 1.3 | 19.4 | | | | | | | 55 | 53 | 1.3 | 1.5 | | | | |
| 1994 | 603 | 7412 | 19 | 1301 | 7.1 | 170 | 19.7 | 55 | 53 | 1.8 | 1.3 | 11 | 603 | 19 | 1303 | 7.4 | 166 | 19.4 | 55 | 53 | 1.3 | 1.5 | 99.97 | 61.87 | 18 | |
| | | | | | | | 39 | 45 | 0.8 | 0.8 | 53 | | | | | | | 52 | 1.8 | 1.5 | | | | | | |
| | | | | | | | 68 | 50 | 1.5 | 0.7 | 47 | | | | | | | 47 | 1.5 | 1.3 | | | | | | |
| | | | | | | | 19.3 | 63 | 50 | 1.4 | 1.5 | | | | | | | 19.9 | 50 | 50 | 1.5 | 1.5 | | | | |
| | | | | | | | 19.6 | 50 | 58 | 1.0 | 1.3 | | | | | | | 19.5 | 56 | 55 | 1.3 | 1.5 | | | | |
| | | | | | | | 41 | 50 | 0.9 | 1.0 | 52 | | | | | | | 51 | 1.8 | 1.5 | | | | | | |
| | 550 | 6996 | 23 | 1306 | 8.1 | 185 | 19.6 | 50 | 58 | 1.0 | 1.3 | 23 | 550 | 23 | 1382 | 8.0 | 162 | 19.5 | 56 | 55 | 1.3 | 1.5 | 99.82 | 77.43 | 132 | |
| | | | | | | | 41 | 50 | 0.9 | 1.0 | 52 | | | | | | | 51 | 1.8 | 1.5 | | | | | | |
| | | | | | | | 54 | / | 1.6 | / | 65 | | | | | | | 54 | 1.8 | 0.8 | | | | | | |
| | | | | | | | 20.5 | / | / | / | 19.9 | | | | | | | 65 | 34 | 0.2 | / | | | | | |
| | | | | | | | 20.9 | / | 54 | / | 1.5 | | | | | | | 20.8 | 50 | 48 | 1.0 | 0.5 | | | | |
| | | | | | | | 52 | 47 | 0.4 | 1.1 | 40 | | | | | | | 50 | 1.0 | 1.2 | | | | | | |
| 1995 | 600 | 7278 | 18 | 1334 | 6.1 | 180 | 20.1 | / | / | / | 179 | 600 | 18 | 1329 | 7.5 | 180 | 19.7 | 65 | 51 | 0.2 | / | 99.88 | 58.12 | 71 | | |
| | | | | | | | 20.1 | / | 54 | / | | | | | | | 1.5 | 19.6 | 50 | 50 | 1.0 | | | | 0.5 | |
| | | | | | | | 48 | 47 | 0.4 | 1.1 | | | | | | | 41 | 51 | 1.0 | 1.2 | | | | | | |
| | | | | | | | 54 | / | 1.5 | / | | | | | | | 66 | 56 | 1.8 | 0.8 | | | | | | |
| | | | | | | | 19.8 | / | / | / | | | | | | | 19.5 | 70 | 53 | 0.2 | / | | | | | |
| | | | | | | | 20.2 | / | 54 | / | | | | | | | 1.5 | 19.3 | 50 | 50 | 1.0 | | | | 0.5 | |
| | 584 | 7969 | 13 | 1342 | 6.6 | 180 | 47 | 46 | 0.4 | 1.1 | 188 | 584 | 13 | 1324 | 7.5 | 179 | 41 | 50 | 1.0 | 1.2 | 99.84 | 40.24 | 65 | | | |
| | | | | | | | 54 | / | 1.5 | / | | | | | | | 66 | 56 | 1.8 | 0.8 | | | | | | |
| | | | | | | | 19.8 | / | / | / | | | | | | | 19.5 | 70 | 53 | 0.2 | | | | / | | |
| | | | | | | | 20.2 | / | 54 | / | | | | | | | 1.5 | 19.3 | 50 | 50 | | | | 1.0 | 0.5 | |
| | | | | | | | 47 | 46 | 0.4 | 1.1 | | | | | | | 41 | 50 | 1.0 | 1.2 | | | | | | |
| | | | | | | | 54 | 51 | 1.7 | 1.7 | | | | | | | 65 | / | 1.1 | / | | | | | | |
| 1997 | 561 | 7402 | 16 | 1181 | 6.4 | 176 | 17.4 | 53 | 53 | / | 1.6 | 13 | 561 | 16 | 1328 | 6.4 | 188 | 20.8 | 60 | 53 | 1.5 | 1.3 | 99.82 | 49.22 | 81 | |
| | | | | | | | 18.5 | 60 | 56 | 1.4 | 1.7 | | | | | | | 20.8 | 46 | 50 | 0.6 | 0.5 | | | | |
| | | | | | | | 50 | 51 | 1.2 | 1.3 | 45 | | | | | | | 44 | 1.6 | 0.8 | | | | | | |
| | | | | | | | 54 | 51 | 1.7 | 1.7 | 65 | | | | | | | / | 1.1 | / | | | | | | |
| | | | | | | | 17.1 | 53 | 53 | / | 1.6 | | | | | | | 19.9 | 60 | 53 | 1.5 | 1.3 | | | | |
| | | | | | | | 18.1 | 60 | 56 | 1.4 | 1.7 | | | | | | | 21.2 | 46 | 50 | 0.6 | 0.5 | | | | |
| | 583 | 7750 | 14 | 1170 | 6.1 | 176 | 18.1 | 60 | 56 | 1.4 | 1.7 | 19 | 583 | 14 | 1364 | 7.4 | 183 | 19.9 | 60 | 53 | 1.5 | 1.3 | 99.91 | 43.90 | 42 | |
| | | | | | | | 17.1 | 53 | 53 | / | 1.6 | | | | | | | 21.2 | 46 | 50 | 0.6 | 0.5 | | | | |
| | | | | | | | 18.1 | 60 | 56 | 1.4 | 1.7 | | | | | | | 45 | 44 | 1.6 | 0.8 | | | | | |
| | | | | | | | 54 | 51 | 1.7 | 1.7 | 65 | | | | | | | / | 1.1 | / | | | | | | |
| | | | | | | | 17.1 | 53 | 53 | / | 1.6 | | | | | | | 19.9 | 60 | 53 | 1.5 | 1.3 | | | | |
| | | | | | | | 18.1 | 60 | 56 | 1.4 | 1.7 | | | | | | | 21.2 | 46 | 50 | 0.6 | 0.5 | | | | |
| | 601 | 7900 | 15 | 1217 | 6.1 | 176 | 17.8 | 53 | 54 | / | 1.6 | 18 | 601 | 15 | 1382 | 7.6 | 186 | 21.4 | 61 | 54 | 1.5 | 1.3 | 99.76 | 42.13 | 101 | |
| | | | | | | | 18.4 | 60 | 57 | 1.4 | 1.7 | | | | | | | 20.0 | 46 | 50 | 0.6 | 0.5 | | | | |
| | | | | | | | 51 | 51 | 1.3 | 1.4 | 45 | | | | | | | 45 | 1.5 | 0.8 | | | | | | |
| | | | | | | | 54 | 51 | 1.7 | 1.7 | 66 | | | | | | | / | 1.1 | / | | | | | | |
| | | | | | | | 17.8 | 53 | 54 | / | 1.6 | | | | | | | 21.4 | 61 | 54 | 1.5 | 1.3 | | | | |
| | | | | | | | 18.4 | 60 | 57 | 1.4 | 1.7 | | | | | | | 20.0 | 46 | 50 | 0.6 | 0.5 | | | | |

The overview of the results from unity probe of ESP's - unit B2

| | LEFT ESP (21, 22, 23, 24, 25, 26, 27, 28) | | | | | | | | | | | | RIGHT ESP (11, 12, 13, 14, 15, 16, 17, 18) | | | | | | | | | | | | | |
|--------|---|---------------|----------|--|-----------------------|-----------|------------|-----------|----------|----------|--|---|--|---------------|----------|--|-----------------------|-----------|------------|-----------|----------|----------|--|---|-------|------|
| | P (MW) | Hd (kJ/kg) | A (%) | Vx10 ³ (m ³ /h) | O ₂ (%) | t (°C) | v (m/s) | U (kV) | I (A) | η (%) | c _{ad} (g/m ³) | c _{iz} (mg/m ³) | P (MW) | Hd (kJ/kg) | A (%) | Vx10 ³ (m ³ /h) | O ₂ (%) | t (°C) | v (m/s) | U (kV) | I (A) | η (%) | c _{ad} (g/m ³) | c _{iz} (mg/m ³) | | |
| 1999 | 610 | 7522 | 17 | 1350 | 6.7 | 170 | 19.4 | 54 | 51 | 1.7 | 1.5 | 51.39 | 610 | 7522 | 17 | 1402 | 6.4 | 177 | 21.2 | 65 | 56 | 0.9 | 0.7 | 50.53 | 211 | |
| | | | | | | | 20.1 | 55 | 52 | 1.5 | 1.3 | | | | | | | | 20.6 | 62 | 45 | 1.2 | 0.9 | | | |
| | | | | | | | | 53 | 50 | 1.2 | 1.3 | | | | | | | | 20.6 | 48 | 40 | 1.1 | 1.1 | | | |
| | | | | | | | | 49 | 44 | 1.3 | 2.0 | | | | | | | | | 42 | / | 1.2 | / | | | |
| | 606 | 8345 | 13 | 1419 | 7.3 | 174 | 20.6 | 54 | 51 | 1.6 | 1.3 | 37.04 | 606 | 8345 | 13 | 1504 | 7.7 | 171 | 21.9 | 59 | 43 | 1.2 | 0.9 | 37.92 | 382 | |
| | | | | | | | 20.9 | 52 | 50 | 1.2 | 1.3 | | | | | | | | 21.9 | 48 | 38 | 1.0 | 1.2 | | | 40 |
| 2002 | 620 | 8770 | 11 | 1462 | 7.6 | 161 | 20.3 | 53 | 51 | 1.6 | 1.3 | 29.73 | 620 | 8770 | 11 | 1480 | 7.5 | 171 | 20.7 | 60 | 42 | 1.2 | 0.9 | 29.48 | 188 | |
| | | | | | | | 20.5 | 52 | 50 | 1.1 | 1.3 | | | | | | | | 21.4 | 48 | 38 | 1.1 | 1.1 | | | |
| | | | | | | | | 48 | 44 | 1.3 | 2.0 | | | | | | | | | 42 | / | 1.1 | / | | | |
| | | | | | | | 50 | 55 | 2.0 | 1.8 | | | | | | | | | 81 | 64 | 2.1 | 2.0 | | | | |
| | 579 | 8092 | 13 | 1220 | 7.9 | 175 | 17.2 | 53 | 57 | 2.1 | 2.0 | 38.31 | 579 | 8092 | 13 | 1357 | 8.0 | 171 | 19.1 | 74 | 55 | 2.2 | 2.1 | 38.56 | 40 | |
| | | | | | | | 17.7 | 57 | 55 | 2.1 | 1.9 | | | | | | | | 19.4 | 60 | 77 | 1.9 | 2.0 | | | 50 |
| 2002 | 576 | 7879 | 17 | 1231 | 7.3 | 162 | | 53 | 55 | 2.0 | 1.8 | 51.30 | 576 | 7879 | 17 | 1310 | 7.1 | 163 | | 84 | 65 | 2.1 | 2.0 | 50.63 | 29 | |
| | | | | | | | 18.0 | 54 | 59 | 2.1 | 2.0 | | | | | | | | 18.4 | 75 | 55 | 2.2 | 2.1 | | | |
| | | | | | | | 16.7 | 58 | 55 | 2.1 | 1.9 | | | | | | | | 18.8 | 62 | 79 | 1.9 | 2.0 | | | |
| | | | | | | | | 52 | 41 | 1.8 | 0.6 | | | | | | | | | 52 | 60 | 2.0 | 1.4 | | | |
| | 550 | 7962 | 12 | 1256 | 7.8 | 161 | 17.3 | 54 | 57 | 2.1 | 2.0 | 35.49 | 550 | 7962 | 12 | 1393 | 7.8 | 159 | 19.4 | 74 | 55 | 2.2 | 2.1 | 35.35 | 29 | |
| | | | | | | | 18.0 | 56 | 55 | 2.1 | 1.9 | | | | | | | | 19.9 | 59 | 78 | 1.9 | 2.1 | | | 51 |
| 2007 | 618 | 8591 | 13 | 1259 | 6.4 | 168 | 18.2 | 60 | 57 | 1.8 | 1.2 | 71 | 618 | 8591 | 13 | 1297 | 6.6 | 165 | 19.2 | 60 | 59 | 1.2 | 1.4 | 47 | | |
| | | | | | | | | 58 | 68 | 1.4 | 1.9 | | | | | | | | | 62 | 61 | 1.9 | 1.2 | | | |
| | | | | | | | 18.1 | 60 | / | 1.0 | / | | | | | | | | 17.8 | 58 | 82 | 1.2 | 1.6 | | | |
| | | | | | | | | 56 | 52 | 1.3 | 1.4 | | | | | | | | | 52 | 66 | 1.8 | 1.9 | | | |
| | 617 | 8722 | 17 | 1223 | 6.4 | 167 | 16.8 | 60 | 59 | 1.8 | 1.3 | 39 | 617 | 8722 | 17 | 1314 | 6.6 | 166 | 18.7 | 61 | 60 | 1.4 | 1.4 | 32 | | |
| | | | | | | | | 58 | 68 | 1.5 | 1.9 | | | | | | | | | 62 | 60 | 1.9 | 1.2 | | | 18.5 |
| 2007 | 619 | 10010 | 10 | 1174 | 6.4 | 170 | 16.5 | 59 | 55 | 1.8 | 1.0 | 74 | 619 | 10010 | 10 | 1317 | 6.9 | 166 | 18.4 | 63 | 60 | 1.4 | 1.2 | 62 | | |
| | | | | | | | | 59 | 67 | 1.8 | 1.9 | | | | | | | | | 64 | 62 | 1.9 | 1.3 | | | |
| | | | | | | | 16.8 | 65 | / | 1.4 | / | | | | | | | | 18.5 | 55 | 79 | 1.1 | 1.7 | | | |
| | | | | | | | | 55 | 52 | 1.4 | 1.4 | | | | | | | | | 51 | 66 | 1.8 | 1.9 | | | |
| min | 507 | 6996 | 9 | 940 | 5.1 | 140 | 14.6 | 39 | 40 | 0.4 | 0.5 | 99.26 | 497 | 6996 | 8 | 951 | 5.8 | 146 | 14.4 | 30 | 34 | 0.2 | 0.5 | 98.92 | 15.82 | 5 |
| max | 623 | 10010 | 23 | 1462 | 8.1 | 185 | 20.9 | 86 | 80 | 2.1 | 2.0 | 99.98 | 623 | 10010 | 23 | 1539 | 14.7 | 188 | 23.3 | 84 | 82 | 2.2 | 2.1 | 99.97 | 77.43 | 382 |
| sr.vr. | 594 | 8106 | 14 | 1250 | 6.7 | 164 | 18.2 | 57 | 56 | 1.6 | 1.5 | 99.84 | 593 | 8076 | 14 | 1333 | 7.4 | 169 | 19.5 | 55 | 55 | 1.5 | 1.5 | 99.82 | 39.84 | 70 |

Warranty inspection of ESP had been done in the 1986.

"/" - The safety of the section when there are no values neither for current, neither for voltage.

The flow of the dust gas refers to the nominal conditions (0°C, 1013mbar) and dry gas.

The emission is referred to the nominal condition (0°C, 1013mbar), dry gas and reference oxygen by 6% O₂.

The recalculation of the input ash particles concentrations on (00C, 1013 mbar), dry gas and 6% O₂ from 1993. till 2002. was done based on the content of the wetness and oxygen in ash dust at the output from ESP.