

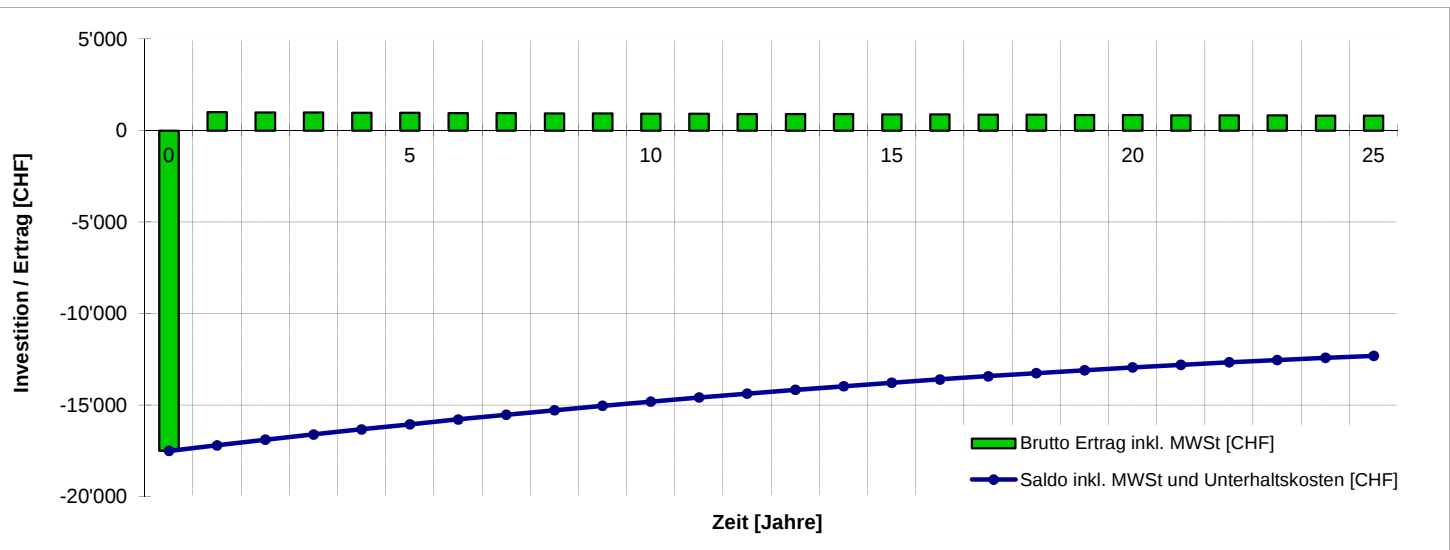
Beispiel Berechnung

Vergütungsmodell CKW

Projekt Biregghang 8

Vers. 3.0 Datum 1.07.13 Ersteller: Moritz Widmer

|                                 |               |                           |               |
|---------------------------------|---------------|---------------------------|---------------|
| Nennleistung DC                 | 15.00 kWp     | Gesamtkosten (inkl. MWSt) | 44'500 CHF    |
| Energieertrag /Jahr             | 13'391 kWh    | Abzüge (Beitrag CKW.)     | 27'000 CHF    |
| Produktionskennzahl             | 893 kWh/kWp a | Nettokosten (inkl. MWSt)  | 17'500 CHF    |
| Unterhalt % der Gesamtkosten    | 1.0%          | Ø Kapitalzins 25 Jahre    | -5.62%        |
| Amortisationsdauer              | 25 Jahre      | kWp-Preis (inkl. MWSt)    | 1'167 CHF/ kW |
| geschätzte Degradation pro Jahr | 0.90%         | kWp-Preis (exkl. MWSt)    | 1'080 CHF/ kW |



| Jahr   | Energieertr.<br>[kWh/Jahr] | Vergütung<br>[Rp./kWh] | Brutto<br>Ertrag inkl.<br>MWSt<br>[CHF] | Unterhaltsk<br>osten<br>[CHF/Jahr] | Saldo inkl.<br>MWSt und<br>Unterhaltsk<br>osten [CHF] | Amortisatio<br>n<br>[CHF/Jahr] | Restschuld<br>nach<br>Amortisatio<br>n | Netto<br>Ertrag<br>[inkl.<br>Amortisatio<br>n und<br>Unterhalt] |
|--------|----------------------------|------------------------|-----------------------------------------|------------------------------------|-------------------------------------------------------|--------------------------------|----------------------------------------|-----------------------------------------------------------------|
| 0      |                            |                        | -17'500                                 |                                    | -17'500                                               |                                |                                        |                                                                 |
| 1      | 13'391                     | 7.50                   | 1'004                                   | 695                                | -17'191                                               | 700                            | -16'800                                | -391                                                            |
| 2      | 13'270                     | 7.50                   | 995                                     | 695                                | -16'890                                               | 700                            | -16'100                                | -400                                                            |
| 3      | 13'151                     | 7.50                   | 986                                     | 695                                | -16'599                                               | 700                            | -15'400                                | -409                                                            |
| 4      | 13'032                     | 7.50                   | 977                                     | 695                                | -16'317                                               | 700                            | -14'700                                | -418                                                            |
| 5      | 12'915                     | 7.50                   | 969                                     | 695                                | -16'043                                               | 700                            | -14'000                                | -426                                                            |
| 6      | 12'799                     | 7.50                   | 960                                     | 695                                | -15'778                                               | 700                            | -13'300                                | -435                                                            |
| 7      | 12'683                     | 7.50                   | 951                                     | 695                                | -15'522                                               | 700                            | -12'600                                | -444                                                            |
| 8      | 12'569                     | 7.50                   | 943                                     | 695                                | -15'274                                               | 700                            | -11'900                                | -452                                                            |
| 9      | 12'456                     | 7.50                   | 934                                     | 695                                | -15'035                                               | 700                            | -11'200                                | -461                                                            |
| 10     | 12'344                     | 7.50                   | 926                                     | 695                                | -14'804                                               | 700                            | -10'500                                | -469                                                            |
| 11     | 12'233                     | 7.50                   | 917                                     | 695                                | -14'582                                               | 700                            | -9'800                                 | -478                                                            |
| 12     | 12'123                     | 7.50                   | 909                                     | 695                                | -14'368                                               | 700                            | -9'100                                 | -486                                                            |
| 13     | 12'014                     | 7.50                   | 901                                     | 695                                | -14'162                                               | 700                            | -8'400                                 | -494                                                            |
| 14     | 11'906                     | 7.50                   | 893                                     | 695                                | -13'964                                               | 700                            | -7'700                                 | -502                                                            |
| 15     | 11'799                     | 7.50                   | 885                                     | 695                                | -13'774                                               | 700                            | -7'000                                 | -510                                                            |
| 16     | 11'692                     | 7.50                   | 877                                     | 695                                | -13'592                                               | 700                            | -6'300                                 | -518                                                            |
| 17     | 11'587                     | 7.50                   | 869                                     | 695                                | -13'418                                               | 700                            | -5'600                                 | -526                                                            |
| 18     | 11'483                     | 7.50                   | 861                                     | 695                                | -13'252                                               | 700                            | -4'900                                 | -534                                                            |
| 19     | 11'379                     | 7.50                   | 853                                     | 695                                | -13'093                                               | 700                            | -4'200                                 | -542                                                            |
| 20     | 11'277                     | 7.50                   | 846                                     | 695                                | -12'942                                               | 700                            | -3'500                                 | -549                                                            |
| 21     | 11'176                     | 7.50                   | 838                                     | 695                                | -12'799                                               | 700                            | -2'800                                 | -557                                                            |
| 22     | 11'075                     | 7.50                   | 831                                     | 695                                | -12'664                                               | 700                            | -2'100                                 | -564                                                            |
| 23     | 10'975                     | 7.50                   | 823                                     | 695                                | -12'535                                               | 700                            | -1'400                                 | -572                                                            |
| 24     | 10'877                     | 7.50                   | 816                                     | 695                                | -12'415                                               | 700                            | -700                                   | -579                                                            |
| 25     | 10'779                     | 7.50                   | 808                                     | 695                                | -12'301                                               | 700                            | 0                                      | -587                                                            |
| 22'574 |                            |                        | 17'500                                  |                                    |                                                       | -12'301                        |                                        |                                                                 |