

Endenergiebedarf der Zonen

| | End- energie Heizung [kWh/a] | End- energie TW [kWh/a] | End- energie Kälte [kWh/a] | End- energie Beleuchtung [kWh/a] | End- energie Lüftung [kWh/a] | End- energie- bedarf [kWh/a] |
|--------------------------------|---------------------------------------|----------------------------------|-------------------------------------|---|---------------------------------------|---------------------------------------|
| Zone 1 Verkaufsraum Laden 2 | 28688 | 0 | 0 | 3334 | 0 | 32156 |
| Zone 2 WC Laden 2 | 2646 | 93 | 0 | 90 | 154 | 2993 |
| Zone 3 Aufenthaltsraum Laden 2 | 8056 | 414 | 0 | 224 | 0 | 8716 |
| Zone 4 Aufenthaltsraum Laden 1 | 8270 | 381 | 0 | 119 | 0 | 8792 |
| Zone 5 WC Laden 1 | 2768 | 93 | 0 | 33 | 154 | 3058 |
| Zone 6 Verkaufsraum Laden 1 | 37489 | 0 | 0 | 1678 | 0 | 39304 |
| Summe | 87917 | 981 | 0 | 5479 | 309 | 95019 |

| Endenergiebedarf der Zonen (Brennwert) | | | | | | |
|--|--------------|-----------|---------|-------------|-----------|--------------|
| Zone | Heizung | TWW | Kälte | Beleuchtung | Lüftung | Summe |
| Zone 1 Verkaufsraum Laden 2 | 28.688 kWh/a | 0 kWh/a | 0 kWh/a | 3.334 kWh/a | 0 kWh/a | 32.022 kWh/a |
| Zone 2 WC Laden 2 | 2.646 kWh/a | 93 kWh/a | 0 kWh/a | 90 kWh/a | 154 kWh/a | 2.983 kWh/a |
| Zone 3 Aufenthaltsraum Laden 2 | 8.056 kWh/a | 414 kWh/a | 0 kWh/a | 224 kWh/a | 0 kWh/a | 8.694 kWh/a |
| Zone 4 Aufenthaltsraum Laden 1 | 8.270 kWh/a | 381 kWh/a | 0 kWh/a | 119 kWh/a | 0 kWh/a | 8.770 kWh/a |
| Zone 5 WC Laden 1 | 2.768 kWh/a | 93 kWh/a | 0 kWh/a | 33 kWh/a | 154 kWh/a | 3.048 kWh/a |
| Zone 6 Verkaufsraum Laden 1 | 37.489 kWh/a | 0 kWh/a | 0 kWh/a | 1.678 kWh/a | 0 kWh/a | 39.167 kWh/a |
| Summe | 87.917 kWh/a | 981 kWh/a | 0 kWh/a | 5.479 kWh/a | 309 kWh/a | 94.684 kWh/a |

Daten aus LiveResult:
Differenz: 8.712 kWh/a!!!

| | |
|------------------------|---|
| 12.101 | |
| Q _r [kWh/a] | Q |
| 86.307 | Q |
| W _v [kWh/a] | Q |