

PV system investment Analysis

| | Interest rate | 2.00% PV system | | Energy cost | | 1.00 NOK | | | | | | | | | | | | | | | | |
|------------------------------|---------------|-------------------------|----------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|--------|--------|--------|
| | | 4.00% Electricity price | | | | | | | | | | | | | | | | | | | | |
| Years | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| PV energy system | 440,000 | 8,800 | 8,976 | 9,156 | 9,339 | 9,525 | 9,716 | 9,910 | 10,108 | 10,311 | 10,517 | 10,727 | 10,942 | 11,161 | 11,384 | 11,611 | 11,844 | 12,081 | 12,322 | 12,569 | 12,820 | 13,076 |
| Energy delivered to building | 15,496 | 16,115 | 16,760 | 17,430 | 18,128 | 18,853 | 19,607 | 20,391 | 21,207 | 22,055 | 22,937 | 23,855 | 24,809 | 25,801 | 26,833 | 27,907 | 29,023 | 30,184 | 31,391 | 32,647 | 33,953 | 35,311 |
| Delivered to grid | 6,042 | 6,284 | 6,535 | 6,796 | 7,068 | 7,351 | 7,645 | 7,951 | 8,269 | 8,600 | 8,944 | 9,301 | 9,673 | 10,060 | 10,463 | 10,881 | 11,317 | 11,769 | 12,240 | 12,730 | 13,239 | 13,768 |
| Net gain | -418,462 | 13,599 | 14,319 | 15,071 | 15,857 | 16,678 | 17,536 | 18,432 | 19,367 | 20,344 | 21,364 | 22,429 | 23,541 | 24,701 | 25,912 | 27,176 | 28,496 | 29,872 | 31,309 | 32,808 | 34,371 | 36,003 |
| Accumulated gain | -418,462 | -404,863 | -390,544 | -375,473 | -359,616 | -342,938 | -325,402 | -306,970 | -287,603 | -267,259 | -245,895 | -223,466 | -199,925 | -175,224 | -149,312 | -122,135 | -93,640 | -63,767 | -32,458 | 350 | 3,472 | 7,072 |

