Appendix A

Equations used for economic calculations for batteries

Scenario 1

Consumers electricity price without VAT. Earnings per charged kWh for the owners:

$$2,5NOK/kWh \cdot (1 - 0,25) = 1,875NOK/kWh$$

Income from consumed electricity during one day:

$$59,94kWh \cdot 1,875NOK/kWh = 112,39NOK$$

Total income during the months March to September:

$$\begin{aligned}(112,388NOK \cdot 31days) \cdot 4months \\ +(112,388NOK \cdot 30days) \cdot 3months \\ = 24051,03NOK\end{aligned}$$

Total generated solar energy in the months October to February:

$$1307,5kWh + 134,3kWh + 12,6kWh + 18,2kWh + 443,2kWh = 1915,8kWh$$

Expected income for generated solar energy in the period October to February:

$$1915,8kWh \cdot 1,875NOK/kWh = 3592,13NOK$$

Amount of necessary energy to import from the grid in the period October to February:

$$\begin{aligned}(59,94kWh \cdot 31days - 1307,5kWh) \\ +(59,94kWh \cdot 30days - 134,3kWh) \\ +(59,94kWh \cdot 31days - 12,6kWh) \\ +(59,94kWh \cdot 31days - 18,2kWh) \\ +(59,94kWh \cdot 28days - 443,2kWh) \\ = 7135,14kWh\end{aligned}$$

Income from imported electricity in the period October to February:

$$7135,14kWh \cdot 1,875NOK/kwh = 13378,39NOK$$

Total price for imported electricity from the grid in period October to February:

$$7135,14kWh \cdot 0,8253NOK/kWh = 5888,6NOK$$

Total income from imported electricity:

$$13378,39NOK - 5888,6NOK = 7489,79NOK$$

Income of the generated solar energy for EV charging during one year:

$$24051,032NOK + 3592,13NOK = 27643,45NOK$$

Income from imported electricity and generated solar energy for EV charging during one year:

$$27643,45NOK + 7489,79NOK = 35133,24NOK$$

Monthly income from the surplus electricity sold to OFV1:

$$\begin{aligned}
(3112,4 - (59,94 * 30))kWh \cdot 0,7213NOK/kWh &= 904,77NOK \\
(5527,3 - (59,94 * 31))kWh \cdot 0,7763NOK/kWh &= 2894,76NOK \\
(8190,9 - (59,94 * 31))kWh \cdot 0,7979NOK/kWh &= 5052,76NOK \\
(8629,7 - (59,94 * 30))kWh \cdot 0,7633NOK/kWh &= 5214,49NOK \\
(8390,3 - (59,94 * 31))kWh \cdot 0,8277NOK/kWh &= 5406,89NOK \\
(6071,7 - (59,94 * 31))kWh \cdot 0,8817NOK/kWh &= 3715,12NOK \\
(3167,7 - (59,94 * 30))kWh \cdot 0,8753NOK/kWh &= 1198,78NOK
\end{aligned}$$

Total income from the surplus electricity sold to OFV1 during one year:

$$\begin{aligned}
(904,77 + 2894,76 + 5052,76 + 5214,49 + 5406,89 \\
+3715,12 + 1198,78)NOK = 24387,58NOK
\end{aligned}$$

Total income during one year for Scenario 1:

$$35133,24NOK + 24387,58NOK = 59520,82NOK$$

Scenario 2

Total amount of generated solar energy during one year:

$$\begin{aligned}
(18,2 + 443,2 + 3112,4 \\
+5527,3 + 8190,9 + 8629,7 \\
+8390,3 + 6071,7 + 3167,7 \\
+1307,5 + 134,3 + 12,6)kWh \\
= 45005,8kWh
\end{aligned}$$

Income from solar production during one year:

$$1,875 NOK/kWh \cdot 45005,8 kWh = 84385,88 NOK$$

Amount of required electricity during one day:

$$6,66 kWh \cdot 90 cars = 599,4 kWh$$

Amount of required electricity during one year:

$$599,4 kWh \cdot 365 days = 218781 kWh$$

Amount of required electricity to import from the grid:

$$218781 kWh - 45005,8 kWh = 173775,2 kWh$$

Price for imported electricity from the grid:

$$173775,2 kWh \cdot 0,8142 NOK/kWh = 141487,77 NOK$$

Income from imported electricity in one year:

$$1,875 NOK/kWh \cdot 173775,2 kWh = 325828,5 NOK$$

Income from imported electricity without price for imported electricity from the grid:

$$325828,5 NOK - 141487,77 NOK = 184340,73 NOK$$

Total income during one year:

$$84385,875 NOK + 184340,73 NOK = 268726,61 NOK$$

Cost for the total system

Battery system for Scenario 1 including EW PV system:

$$951160 NOK + 1031800 NOK = 1982960 NOK$$

Battery system for Scenario 2 including EW PV system:

$$951160 NOK + 1305179 NOK = 2256339 NOK$$

Appendix B

Table 7.1: Energy calculations of PV production and consumption in Scenario 2 for EW system

Time after midnight	**EV consumption Scenario 2 [kW]**	**PV production [kW]**	**EV consumption Scenario 2 [kW] - PV production [kW]**	**Power imported [kW]**	**Surplus power [kW]**
1	20,692	0	20,692	20,692	0
2	13,215	0	13,215	13,215	0
3	9,260	0	9,260	9,260	0
4	5,615	0	5,615	5,615	0
5	3,107	0,658	2,449	2,449	0
6	2,113	1,316	0,797	0,797	0
7	2,542	6,448	-3,906	0	3,906
8	5,844	12,765	-6,921	0	6,921
9	6,613	19,740	-13,126	0	13,126
10	6,988	25,793	-18,805	0	18,805
11	8,664	29,609	-20,945	0	20,945
12	11,656	30,596	-18,940	0	18,940
13	14,590	30,925	-16,336	0	16,336
14	20,502	30,267	-9,765	0	9,765
15	32,968	28,096	4,872	4,872	0
16	50,595	24,345	26,250	26,250	0
17	54,178	20,134	34,044	34,044	0
18	51,420	14,476	36,944	36,944	0
19	52,867	8,883	43,984	43,984	0
20	56,693	3,948	52,745	52,745	0
21	52,749	0	52,749	52,749	0
22	47,662	0	47,662	47,662	0
23	38,754	0	38,754	38,754	0
24	29,932	0	29,932	29,932	0
SUM	599,220 kWh	288,000 kWh	311,220 kWh	419,964 kWh	108,745 kWh

Appendix C

Table 7.2: Rounded prices for the electricity price per hour for each month given in NOK/kWh

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Jan	0,75	0,75	0,75	0,75	0,75	0,77	0,77	0,81	0,83	0,83	0,85	0,83	0,83	0,83	0,83	0,83	0,85	0,85	0,83	0,83	0,81	0,79	0,79	0,77
Feb	0,73	0,71	0,71	0,71	0,73	0,73	0,75	0,79	0,83	0,81	0,81	0,79	0,77	0,77	0,77	0,77	0,79	0,81	0,81	0,79	0,77	0,75	0,75	0,73
Mar	0,71	0,71	0,71	0,71	0,71	0,71	0,71	0,75	0,79	0,77	0,75	0,75	0,73	0,73	0,71	0,71	0,71	0,73	0,75	0,75	0,73	0,71	0,71	0,71
Apr	0,75	0,75	0,75	0,75	0,75	0,75	0,77	0,81	0,83	0,81	0,81	0,79	0,79	0,77	0,77	0,77	0,77	0,77	0,79	0,79	0,79	0,79	0,77	0,75
May	0,77	0,75	0,73	0,73	0,73	0,75	0,79	0,83	0,85	0,85	0,83	0,83	0,83	0,81	0,79	0,79	0,79	0,81	0,83	0,83	0,83	0,81	0,81	0,77
Jun	0,73	0,73	0,71	0,71	0,71	0,73	0,75	0,79	0,79	0,81	0,79	0,79	0,79	0,79	0,77	0,77	0,77	0,77	0,79	0,79	0,77	0,77	0,77	0,73
Jul	0,83	0,83	0,81	0,79	0,79	0,81	0,81	0,83	0,85	0,85	0,85	0,85	0,83	0,83	0,83	0,83	0,83	0,83	0,85	0,85	0,83	0,83	0,83	0,83
Aug	0,85	0,85	0,83	0,83	0,83	0,85	0,87	0,89	0,91	0,91	0,91	0,91	0,89	0,89	0,89	0,89	0,89	0,91	0,91	0,91	0,91	0,89	0,89	0,87
Sep	0,83	0,83	0,81	0,81	0,83	0,85	0,87	0,89	0,91	0,91	0,91	0,91	0,89	0,89	0,89	0,89	0,89	0,89	0,89	0,91	0,89	0,89	0,87	0,85
Oct	0,75	0,73	0,73	0,73	0,75	0,77	0,79	0,81	0,81	0,81	0,81	0,81	0,81	0,81	0,81	0,81	0,81	0,81	0,83	0,83	0,81	0,81	0,79	0,77
Nov	0,79	0,79	0,77	0,77	0,79	0,81	0,83	0,87	0,89	0,89	0,89	0,87	0,89	0,89	0,89	0,91	0,91	0,91	0,89	0,87	0,85	0,83	0,83	0,79
Des	0,87	0,85	0,85	0,85	0,85	0,87	0,89	0,93	0,93	0,93	0,93	0,93	0,93	0,93	0,93	0,93	0,93	0,93	0,93	0,93	0,91	0,89	0,89	0,87

Appendix D

Table 7.3: Total energy consumption for OFV1 in 2021, S PV production, direct own use of S PV energy and energy export each month

	Energy consumption OFV1 [kWh]	S PV production [kWh]	Direct own use [kWh]	Grid feed-in [kWh]
Jan	80944	39,6	39,6	0
Feb	69143,8	645	645	0
Mar	56471,5	3536,3	3536,3	0
Apr	50506,6	5310,7	5310,7	0
May	35075,8	6558,7	6507	51,7
Jun	26644,9	6367,6	6367,6	0
Jul	24119,6	6318,9	6318,9	0
Aug	26188,7	5029,7	5029,7	0
Sep	29094,5	3111,9	3111,9	0
Oct	39574,3	1391,6	1391,6	0
Nov	56547,5	198,3	198,3	0
Dec	67949,8	6,3	6,3	0
SUM	562261	38514,6	38462,9	51,7

Table 7.4: Total energy consumption for OFV1 in 2021, EW PV production, direct own use of PV energy and energy export each month

	Energy consumption OFV1 [kWh]	EW PV production [kWh]	Direct own use [kWh]	Grid feed-in [kWh]
Jan	80944	18,2	18,2	0
Feb	69143,8	443,2	443,2	0
Mar	56471,5	3112,4	3112,4	0
Apr	50506,6	5527,3	5527,3	0
May	35075,8	8190,9	8063,8	127,1
Jun	26644,9	8629,7	8502,6	127,1
Jul	24119,6	8390,3	8042,1	348,2
Aug	26188,7	6071,7	6064,4	7,3
Sep	29094,5	3167,7	3167,7	0
Oct	39574,3	1307,5	1307,5	0
Nov	56547,5	134,3	134,3	0
Dec	67949,8	12,6	12,6	0
SUM	562261	45005,8	44396,1	609,7

Appendix E

Peak shaving in Scenario 2 with 150 kWh battery and PV production. Describing Figure 5.6 and data in Table 7.5.

To maximize the peak shaving, the full capacity of the 150 kWh battery is used. This must be fully charged when going into hour 16. This means that the battery has to charge when the consumption is low, which is between hour 5-14. The PV system provides 108,745 kWh of surplus energy, and the last 41,255 kWh has to be imported from the grid. Since hours 5 and 6 import some energy, this will be included. So the average energy that will have to be imported over the 10 hours is $\frac{(41{,}255kWh+2{,}449kWh+0{,}797kWh)}{10h} = 44,501kW$. Then 150 kWh can be distributed over the 9 hours with the highest estimated import, which are hours 16-24. This results in an average output from the battery at $\frac{150kWh}{9h} = 16,66kW$. The average consumption over the same 9 hours is 40,340 kWh, so the average import over these 9 hours will be approximately $40,34kW - 16,66kW = 23,68kW$, as shown in Table 7.5.

Peak shaving Scenario 2 with 150 kWh battery and without PV production. Describing Figure 5.7 and data in Table 7.6.

For Scenario 2, when no PV energy is produced, the initial import of energy is equal to the consumption. When having the same 150 kWh battery, this has to be fully charged when going out of hour 15. To do so, all the energy must be imported from the grid, as no PV energy is available. The hours with the lowest consumption are hours 2-13. The average consumption over these hours is 7,517 kW. To charge 150 kWh over 12 hours, the average charging speed must be $\frac{150kWh}{12h} = 12,5kW$. The average energy import is therefore $7,517kW + 12,5kW = 20,017kW$. The battery is then fully charged and the 150 kWh can be distributed over the 9 hours with the highest estimated import, which are hours 15-23. The average consumption over these hours is 48,654 kW, and the average output from the battery is at $\frac{150kWh}{9h} = 16,667kW$. The import from hours 15-23 is therefore $48,654kW - 16,667kW = 31,987kW$, which is shown in Table 7.6

Peak shaving Scenario 2 with optimal battery capacity and with PV production. Describing Figure 5.8 and Table 7.7.

The optimal level of power peak shaving would be to have a constant import of electricity every hour during the day. For Scenario 2 with an average PV production for June, that constant import will be $\frac{(419{,}964kWh-108{,}748kWh}{24h} = 12,967kW$. The battery capacity must then equal 246,233 kWh, as shown in Table 7.7.

Table 7.5: Imported energy for Scenario 2 with average solar production for June. 150 kWh battery is applied with the purpose of maximum power peak shaving

Time after midnight	Consumption [kW]	EW PV prod [kW]	Import of energy without battery [kW]	Surplus energy [kW]	Battery energy [kWh]	Import with battery [kW]
1	20,692	0,000	20,692	0,000	0,000	20,692
2	13,215	0,000	13,215	0,000	0,000	13,215
3	9,260	0,000	9,260	0,000	0,000	9,260
4	5,615	0,000	5,615	0,000	0,000	5,615
5	3,107	0,658	2,449	0,000	2,001	4,450
6	2,113	1,316	0,797	0,000	5,654	4,450
7	2,542	6,448	0,000	3,906	14,010	4,450
8	5,844	12,765	0,000	6,921	25,381	4,450
9	6,613	19,740	0,000	13,126	42,958	4,450
10	6,988	25,793	0,000	18,805	66,213	4,450
11	8,664	29,609	0,000	20,945	91,608	4,450
12	11,656	30,596	0,000	18,940	114,999	4,450
13	14,590	30,925	0,000	16,336	135,784	4,450
14	20,502	30,267	0,000	9,765	150,000	4,450
15	32,968	28,096	4,872	0,000	150,000	4,872
16	50,595	24,345	26,250	0,000	147,424	23,674
17	54,178	20,134	34,044	0,000	137,053	23,674
18	51,420	14,476	36,944	0,000	123,783	23,674
19	52,867	8,883	43,984	0,000	103,472	23,674
20	56,693	3,948	52,745	0,000	74,401	23,674
21	52,749	0,000	52,749	0,000	45,327	23,674
22	47,662	0,000	47,662	0,000	21,339	23,674
23	38,754	0,000	38,754	0,000	6,258	23,674
24	29,932	0,000	29,932	0,000	0,000	23,674
SUM	**599,220 kWh**	**288,000 kWh**	**419,964 kWh**	**108,745 kWh**		**311,220 kWh**

Table 7.6: Imported energy for Scenario 2 when no PV energy is produced. 150 kWh battery is applied with the purpose of maximum power peak shaving.

Time after midnight	**Consumption [kW]**	**Battery energy [kWh]**	**Import with battery [kW]**
1	20,692	0	20,692
2	13,215	6,802	20,017
3	9,260	17,559	20,017
4	5,615	31,961	20,017
5	3,107	48,871	20,017
6	2,113	66,776	20,017
7	2,542	84,251	20,017
8	5,844	98,424	20,017
9	6,613	111,828	20,017
10	6,988	124,858	20,017
11	8,664	136,211	20,017
12	11,656	144,572	20,017
13	14,590	150,000	20,017
14	20,502	150,000	20,502
15	32,968	149,020	31,987
16	50,595	130,412	31,987
17	54,178	108,221	31,987
18	51,420	88,788	31,987
19	52,867	67,908	31,987
20	56,693	43,203	31,987
21	52,749	22,442	31,987
22	47,662	6,767	31,987
23	38,754	0,000	31,987
24	29,932	0,000	29,932
SUM	**599,220 kWh**		**599,220 kWh**

Table 7.7: Optimal battery for peak shaving Scenario 2 with solar energy. The import load can be constant during the whole day.

Time after midnight	Consumption [kW]	EW PV prod [kW]	Import of energy with sun [kW]	Surplus energy [kW]	Battery energy [kWh]	Import for peak shaving [kW]
1	20,692	0,000	20,692	0,000	0,248	12,967
2	13,215	0,000	13,215	0,000	0,000	12,967
3	9,260	0,000	9,260	0,000	3,707	12,967
4	5,615	0,000	5,615	0,000	11,060	12,967
5	3,107	0,658	2,449	0,000	21,578	12,967
6	2,113	1,316	0,797	0,000	33,749	12,967
7	2,542	6,448	0,000	3,906	50,622	12,967
8	5,844	12,765	0,000	6,921	70,510	12,967
9	6,613	19,740	0,000	13,126	96,604	12,967
10	6,988	25,793	0,000	18,805	128,377	12,967
11	8,664	29,609	0,000	20,945	162,290	12,967
12	11,656	30,596	0,000	18,940	194,197	12,967
13	14,590	30,925	0,000	16,336	223,500	12,967
14	20,502	30,267	0,000	9,765	246,233	12,967
15	32,968	28,096	4,872	0,000	254,329	12,967
16	50,595	24,345	26,250	0,000	241,047	12,967
17	54,178	20,134	34,044	0,000	219,970	12,967
18	51,420	14,476	36,944	0,000	195,993	12,967
19	52,867	8,883	43,984	0,000	164,977	12,967
20	56,693	3,948	52,745	0,000	125,199	12,967
21	52,749	0,000	52,749	0,000	85,418	12,967
22	47,662	0,000	47,662	0,000	50,724	12,967
23	38,754	0,000	38,754	0,000	24,937	12,967
24	29,932	0,000	29,932	0,000	7,973	12,967
SUM	**599,220 kWh**	**288,000 kWh**	**419,964 kWh**	**108,745 kWh**		**311,220 kWh**

Appendix F

Table 7.8: Annual cash flow for S PV system.

	Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**
Investments	-kr 852 805,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 112,25	kr 109,46	kr 106,74	kr 104,08	kr 101,48
Electricity Savings	kr 30 561,21	kr 30 426,53	kr 30 262,93	kr 30 099,34	kr 29 935,74
Annual Cash Flow	-kr 822 131,54	kr 30 535,99	kr 30 369,67	kr 30 203,42	kr 30 037,23
Accrued Cash Flow (Cash Balance)	**-kr 822 131,54**	**-kr 791 595,55**	**-kr 761 225,88**	**-kr 731 022,46**	**-kr 700 985,24**
	Year 6	**Year 7**	**Year 8**	**Year 9**	**Year 10**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 98,95	kr 96,48	kr 94,06	kr 91,71	kr 89,41
Electricity Savings	kr 29 772,16	kr 29 608,55	kr 29 444,97	kr 29 281,36	kr 29 117,79
Annual Cash Flow	kr 29 871,11	kr 29 705,03	kr 29 539,04	kr 29 373,07	kr 29 207,20
Accrued Cash Flow (Cash Balance)	**-kr 671 114,13**	**-kr 641 409,10**	**-kr 611 870,07**	**-kr 582 497,00**	**-kr 553 289,80**
	Year 11	**Year 12**	**Year 13**	**Year 14**	**Year 15**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 87,16	kr 84,97	kr 82,83	kr 80,74	kr 78,70
Electricity Savings	kr 28 954,17	kr 28 790,58	kr 28 627,00	kr 28 463,41	kr 28 299,82
Annual Cash Flow	kr 29 041,34	kr 28 875,55	kr 28 709,83	kr 28 544,15	kr 28 378,52
Accrued Cash Flow (Cash Balance)	**-kr 524 248,47**	**-kr 495 372,91**	**-kr 466 663,08**	**-kr 438 118,93**	**-kr 409 740,41**
	Year 16	**Year 17**	**Year 18**	**Year 19**	**Year 20**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 76,71	kr 74,77	kr 72,88	kr 71,03	kr 69,22
Electricity Savings	kr 28 136,21	kr 27 972,63	kr 27 809,02	kr 27 645,43	kr 27 481,84
Annual Cash Flow	kr 28 212,93	kr 28 047,40	kr 27 881,90	kr 27 716,46	kr 27 551,06
Accrued Cash Flow (Cash Balance)	**-kr 381 527,48**	**-kr 353 480,08**	**-kr 325 598,18**	**-kr 297 881,72**	**-kr 270 330,65**
	Year 21	**Year 22**	**Year 23**	**Year 24**	**Year 25**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 67,46	kr 65,75	kr 64,07	kr 62,43	kr 60,83
Electricity Savings	kr 27 318,24	kr 27 154,65	kr 26 991,07	kr 26 827,46	kr 26 663,87
Annual Cash Flow	kr 27 385,71	kr 27 220,40	kr 27 055,14	kr 26 889,90	kr 26 724,71
Accrued Cash Flow (Cash Balance)	**-kr 242 944,94**	**-kr 215 724,55**	**-kr 188 669,41**	**-kr 161 779,52**	**-kr 135 054,81**
	Year 26	**Year 27**	**Year 28**	**Year 29**	**Year 30**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 59,28	kr 57,75	kr 56,27	kr 54,82	kr 53,41
Electricity Savings	kr 26 500,28	kr 26 336,69	kr 26 173,09	kr 26 009,50	kr 25 845,91
Annual Cash Flow	kr 26 559,56	kr 26 394,44	kr 26 229,36	kr 26 064,32	kr 25 899,32
Accrued Cash Flow (Cash Balance)	**-kr 108 495,25**	**-kr 82 100,81**	**-kr 55 871,46**	**-kr 29 807,13**	**-kr 3 907,81**

Table 7.9: Annual cash flow for EW PV system.

	Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**
Investments	-kr 951 160,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 188,46	kr 183,77	kr 179,20	kr 174,74	kr 170,38
Electricity Savings	kr 35 621,36	kr 35 443,70	kr 35 253,12	kr 35 062,55	kr 34 871,97
Annual Cash Flow	-kr 915 350,18	kr 35 627,47	kr 35 432,32	kr 35 237,28	kr 35 042,35
Accrued Cash Flow (Cash Balance)	**-kr 915 350,18**	**-kr 879 722,72**	**-kr 844 290,39**	**-kr 809 053,11**	**-kr 774 010,76**
	Year 6	**Year 7**	**Year 8**	**Year 9**	**Year 10**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 166,13	kr 161,98	kr 157,92	kr 153,97	kr 150,10
Electricity Savings	kr 34 681,40	kr 34 490,81	kr 34 300,26	kr 34 109,66	kr 33 919,11
Annual Cash Flow	kr 34 847,53	kr 34 652,78	kr 34 458,18	kr 34 263,63	kr 34 069,21
Accrued Cash Flow (Cash Balance)	**-kr 739 163,23**	**-kr 704 510,45**	**-kr 670 052,27**	**-kr 635 788,65**	**-kr 601 719,43**
	Year 11	**Year 12**	**Year 13**	**Year 14**	**Year 15**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 146,33	kr 142,65	kr 139,06	kr 135,56	kr 132,14
Electricity Savings	kr 33 728,51	kr 33 537,94	kr 33 347,38	kr 33 156,81	kr 32 966,23
Annual Cash Flow	kr 33 874,84	kr 33 680,59	kr 33 486,44	kr 33 292,36	kr 33 098,36
Accrued Cash Flow (Cash Balance)	**-kr 567 844,59**	**-kr 534 164,00**	**-kr 500 677,56**	**-kr 467 385,19**	**-kr 434 286,83**
	Year 16	**Year 17**	**Year 18**	**Year 19**	**Year 20**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 128,80	kr 125,54	kr 122,36	kr 119,25	kr 116,22
Electricity Savings	kr 32 775,64	kr 32 585,08	kr 32 394,49	kr 32 203,92	kr 32 013,34
Annual Cash Flow	kr 32 904,44	kr 32 710,62	kr 32 516,84	kr 32 323,17	kr 32 129,57
Accrued Cash Flow (Cash Balance)	**-kr 401 382,39**	**-kr 368 671,78**	**-kr 336 154,93**	**-kr 303 831,76**	**-kr 271 702,20**
	Year 21	**Year 22**	**Year 23**	**Year 24**	**Year 25**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 113,26	kr 110,38	kr 107,56	kr 104,82	kr 102,13
Electricity Savings	kr 31 822,76	kr 31 632,19	kr 31 441,63	kr 31 251,04	kr 31 060,47
Annual Cash Flow	kr 31 936,03	kr 31 742,57	kr 31 549,19	kr 31 355,86	kr 31 162,60
Accrued Cash Flow (Cash Balance)	**-kr 239 766,17**	**-kr 208 023,60**	**-kr 176 474,41**	**-kr 145 118,55**	**-kr 113 955,95**
	Year 26	**Year 27**	**Year 28**	**Year 29**	**Year 30**
Investments	kr 0,00	kr 0,00	kr 0,00	kr 0,00	kr 0,00
Feed-in / Export Tariff	kr 99,52	kr 96,96	kr 94,47	kr 92,04	kr 89,67
Electricity Savings	kr 30 869,90	kr 30 679,32	kr 30 488,74	kr 30 298,17	kr 30 107,60
Annual Cash Flow	kr 30 969,42	kr 30 776,28	kr 30 583,21	kr 30 390,21	kr 30 197,27
Accrued Cash Flow (Cash Balance)	**-kr 82 986,53**	**-kr 52 210,25**	**-kr 21 627,04**	**kr 8 763,17**	**kr 38 960,45**