

10.0 BILAGA 1.

Indatafil till OPERA.

	A	B	C	D	E	F	G	H	I	J	K	L
1	0											
2	528.000	528.000	1119.000	2086.000								
3	2.250	10	2.720	45	2.450	8	2.670	51				
4	0.270	0.500	0.550									
5	3.0											
6	20.000	50.000	0.000	50.000	30.000							
7	0.88											
8	DISDIFF	140.000	0.960	50.000								
9	7253.333	7253.333	7253.333	7253.333	7253.333	7253.333	7253.333	7253.333	7253.333	7253.333	7253.333	7253.333
10	0.040	0.050	0.040	0.050								
11	2.000											
12	1.500											
13	1.200											
14	50.000	50.000	50.000	50.000	30.000							
15	50.000	0.050	0									
16	990.000	15.000	400.000									
17	5000.000	5000.000	5000.000									
18	1000.000	25.000	400.000									
19	50.000	390.000	300.000	2.450	450.000							
20	0.000	1100.000										
21	0.000	1300.000										
22	0.000	1500.000										
23	100000.000	100000.000										
24	80000.000	380.000	0.750	20.000	1800.000	30.000						
25	30000.000	200.000	0.950	30.000	250.000	15.000						
26	75000.000	225.000	0.960	30.000	250.000	15.000						
27	75000.000	7000.000	2.000	15.000	1800.000	30.000						
28	80000.000	380.000	0.800	20.000	1800.000	30.000						
29	75000.000	8000.000	66.430	20.540	15.000	300.000	30.000	0.100	7.000			
30	-5.1	-4.9	-2.2	3.3	8.7	13.8	16.6	15.3	10.7	5.3	0.9	-2.1
31	-5.1	-4.9	-2.2	3.3	8.7	13.8	16.6	15.3	10.7	5.3	0.9	-2.1
32	-5.1	-4.9	-2.2	3.3	8.7	13.8	16.6	15.3	10.7	5.3	0.9	-2.1
33	114	93.000	0.050	7.000								
34	28	20.000	21.000	-20.000								
35	10000.000	50.000										
36	10000.000	4500.000	10.000	2.000	10.000							
37	SÄTRA53:2											
38	1											
39	1	0	0	0	0	0	0	1	1			
40	12649.503	12291.189	11932.697	11335.329	10618.701	10260.209	10499.264	10857.577	11215.892	11574.384	12171.751	12649.503
41	0.750	2.190	6.970	11.720	19.120	20.210	19.280	14.930	9.730	4.160	1.080	0.360
42	2.720	8.710	27.700	44.030	68.020	69.140	66.270	53.970	37.470	16.460	4.060	1.210
43	17.240	31.180	59.090	59.700	73.820	71.590	69.680	64.880	64.820	46.980	20.630	10.130
44	2.720	8.710	27.700	44.030	68.020	69.140	66.270	53.970	37.470	16.460	4.060	1.210
45	0.100	0.200	0.300									
46	0.289											
47	0.390	0.515	0.245									
48	0.281	210.000										
49	0.411	300.000	19926.000	0.000	386.000	1.000						
50	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268
51	1023.000	1395.000	1860.000	2790.000	4185.000	5394.000	6975.000	8835.000	11160.000	14415.000	15375.000	17000.000
52	16.000	20.000	25.000	35.000	50.000	63.000	80.000	100.000	125.000	160.000	200.000	250.000
53	352	320	368	320	368	352	336	368	336	352	352	336
54	392	352	376	400	376	368	408	376	384	392	368	408
55	6000.000	55.000	245.000									
56	0.580	0.370	0.330	0.330	0.179							

10.0 BILAGA 1.

Utdatafil från OPERA.

Utdata avser resterande livslängd 0 år för fasad. Tilläggsisolering 22 cm.

S

ENERGIBALANS F™R SYSTEM NR 7

1

ENERGY BALANCE

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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
 NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

1.	19418.	55546.	7253.	12650.	1058.	13708.	49092.	55546.
2.	17560.	50230.	7253.	12291.	2913.	15204.	42280.	50230.
3.	17261.	49374.	7253.	11933.	8477.	20410.	36217.	49374.
4.	12744.	36454.	7253.	11335.	12819.	24154.	19553.	36454.
5.	9151.	26177.	7253.	10619.	19465.	26177.	7253.	0.
6.	5184.	14829.	7253.	10260.	19735.	14829.	7253.	0.
7.	3274.	9364.	7253.	10499.	18935.	9364.	7253.	0.
8.	4241.	12131.	7253.	10858.	15563.	12131.	7253.	0.
9.	7416.	21213.	7253.	11216.	11178.	21213.	7253.	0.
10.	11681.	33413.	7253.	11574.	5270.	16845.	23821.	33413.
11.	14472.	41397.	7253.	12172.	1478.	13650.	35000.	41397.
12.	17186.	49161.	7253.	12650.	520.	13169.	43246.	49161.

TOTAL. 139588. 399288. 87040. 138056. 117411. 200853. 315575. 285475.

TRANSMISSION COEFFICIENT = . 1460.65

VENTILATION COEFFICIENT = . 1399.82

ENERGIBALANS F™R SYSTEM NR 2

1

ENERGY BALANCE

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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
 NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

1.	19418.	55335.	7253.	12650.	1058.	13708.	48881.	55335.
2.	17560.	50040.	7253.	12291.	2913.	15204.	42090.	50040.
3.	17261.	49187.	7253.	11933.	8477.	20410.	36030.	49187.
4.	12744.	36316.	7253.	11335.	12819.	24154.	19415.	36316.
5.	9151.	26078.	7253.	10619.	19465.	26078.	7253.	0.
6.	5184.	14772.	7253.	10260.	19735.	14772.	7253.	0.
7.	3274.	9329.	7253.	10499.	18935.	9329.	7253.	0.
8.	4241.	12085.	7253.	10858.	15563.	12085.	7253.	0.
9.	7416.	21133.	7253.	11216.	11178.	21133.	7253.	0.
10.	11681.	33286.	7253.	11574.	5270.	16845.	23694.	33286.
11.	14472.	41240.	7253.	12172.	1478.	13650.	34843.	41240.
12.	17186.	48975.	7253.	12650.	520.	13169.	43059.	48975.

TOTAL. 139588. 397774. 87040. 138056. 117411. 200536. 314378. 284279.

TRANSMISSION COEFFICIENT = . 1449.81
 VENTILATION COEFFICIENT = . 1399.82

ENERGIBALANS F™R SYSTEM NR 3
 1

ENERGY BALANCE
 =====

MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
 NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

1.	19418.	55371.	7253.	12650.	1058.	13708.	48916.	55371.
2.	17560.	50072.	7253.	12291.	2913.	15204.	42122.	50072.
3.	17261.	49218.	7253.	11933.	8477.	20410.	36062.	49218.
4.	12744.	36339.	7253.	11335.	12819.	24154.	19438.	36339.
5.	9151.	26094.	7253.	10619.	19465.	26094.	7253.	0.
6.	5184.	14782.	7253.	10260.	19735.	14782.	7253.	0.
7.	3274.	9335.	7253.	10499.	18935.	9335.	7253.	0.
8.	4241.	12092.	7253.	10858.	15563.	12092.	7253.	0.
9.	7416.	21146.	7253.	11216.	11178.	21146.	7253.	0.
10.	11681.	33307.	7253.	11574.	5270.	16845.	23716.	33307.
11.	14472.	41266.	7253.	12172.	1478.	13650.	34869.	41266.
12.	17186.	49006.	7253.	12650.	520.	13169.	43090.	49006.

 TOTAL. 139588. 398029. 87040. 138056. 117411. 200589. 314579. 284480.

TRANSMISSION COEFFICIENT = . 1451.63
 VENTILATION COEFFICIENT = . 1399.82

ENERGIBALANS F™R SYSTEM NR 4
 1

ENERGY BALANCE
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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
 NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

1.	19418.	55297.	7253.	12650.	1058.	13708.	48842.	55297.
2.	17560.	50005.	7253.	12291.	2913.	15204.	42055.	50005.
3.	17261.	49153.	7253.	11933.	8477.	20410.	35996.	49153.
4.	12744.	36290.	7253.	11335.	12819.	24154.	19390.	36290.
5.	9151.	26059.	7253.	10619.	19465.	26059.	7253.	0.
6.	5184.	14762.	7253.	10260.	19735.	14762.	7253.	0.
7.	3274.	9322.	7253.	10499.	18935.	9322.	7253.	0.
8.	4241.	12076.	7253.	10858.	15563.	12076.	7253.	0.
9.	7416.	21118.	7253.	11216.	11178.	21118.	7253.	0.
10.	11681.	33263.	7253.	11574.	5270.	16845.	23671.	33263.
11.	14472.	41211.	7253.	12172.	1478.	13650.	34814.	41211.

12. 17186. 48941. 7253. 12650. 520. 13169. 43025. 48941.

 TOTAL. 139588. 397497. 87040. 138056. 117411. 200477. 314159. 284059.

TRANSMISSION COEFFICIENT = . 1447.82
 VENTILATION COEFFICIENT = . 1399.82

ENERGIBALANS FMR SYSTEM NR 5

1

ENERGY BALANCE

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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
 NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

 1. 19418. 55279. 7253. 12650. 1058. 13708. 48824. 55279.
 2. 17560. 49989. 7253. 12291. 2913. 15204. 42038. 49989.
 3. 17261. 49136. 7253. 11933. 8477. 20410. 35980. 49136.
 4. 12744. 36278. 7253. 11335. 12819. 24154. 19378. 36278.
 5. 9151. 26051. 7253. 10619. 19465. 26051. 7253. 0.
 6. 5184. 14757. 7253. 10260. 19735. 14757. 7253. 0.
 7. 3274. 9319. 7253. 10499. 18935. 9319. 7253. 0.
 8. 4241. 12072. 7253. 10858. 15563. 12072. 7253. 0.
 9. 7416. 21111. 7253. 11216. 11178. 21111. 7253. 0.
 10. 11681. 33252. 7253. 11574. 5270. 16845. 23660. 33252.
 11. 14472. 41198. 7253. 12172. 1478. 13650. 34801. 41198.
 12. 17186. 48925. 7253. 12650. 520. 13169. 43009. 48925.

 TOTAL. 139588. 397367. 87040. 138056. 117411. 200450. 314057. 283957.

TRANSMISSION COEFFICIENT = . 1446.89
 VENTILATION COEFFICIENT = . 1399.82

ENERGIBALANS FMR SYSTEM NR 6

1

ENERGY BALANCE

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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
 NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

 1. 19418. 55437. 7253. 12650. 1058. 13708. 48982. 55437.
 2. 17560. 50132. 7253. 12291. 2913. 15204. 42181. 50132.
 3. 17261. 49277. 7253. 11933. 8477. 20410. 36120. 49277.
 4. 12744. 36382. 7253. 11335. 12819. 24154. 19482. 36382.
 5. 9151. 26125. 7253. 10619. 19465. 26125. 7253. 0.
 6. 5184. 14800. 7253. 10260. 19735. 14800. 7253. 0.
 7. 3274. 9346. 7253. 10499. 18935. 9346. 7253. 0.
 8. 4241. 12107. 7253. 10858. 15563. 12107. 7253. 0.

9. 7416. 21172. 7253. 11216. 11178. 21172. 7253. 0.
 10. 11681. 33347. 7253. 11574. 5270. 16845. 23755. 33347.
 11. 14472. 41315. 7253. 12172. 1478. 13650. 34919. 41315.
 12. 17186. 49065. 7253. 12650. 520. 13169. 43149. 49065.

 TOTAL. 139588. 398503. 87040. 138056. 117411. 200688. 314955. 284855.

TRANSMISSION COEFFICIENT = . 1455.03
 VENTILATION COEFFICIENT = . 1399.82

ENERGIBALANS F™R SYSTEM NR 7
 1

ENERGY BALANCE
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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
 NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

 1. 19418. 55477. 7253. 12650. 1058. 13708. 49023. 55477.
 2. 17560. 50169. 7253. 12291. 2913. 15204. 42218. 50169.
 3. 17261. 49313. 7253. 11933. 8477. 20410. 36157. 49313.
 4. 12744. 36409. 7253. 11335. 12819. 24154. 19508. 36409.
 5. 9151. 26145. 7253. 10619. 19465. 26145. 7253. 0.
 6. 5184. 14810. 7253. 10260. 19735. 14810. 7253. 0.
 7. 3274. 9353. 7253. 10499. 18935. 9353. 7253. 0.
 8. 4241. 12116. 7253. 10858. 15563. 12116. 7253. 0.
 9. 7416. 21187. 7253. 11216. 11178. 21187. 7253. 0.
 10. 11681. 33372. 7253. 11574. 5270. 16845. 23780. 33372.
 11. 14472. 41346. 7253. 12172. 1478. 13650. 34949. 41346.
 12. 17186. 49101. 7253. 12650. 520. 13169. 43185. 49101.

 TOTAL. 139588. 398797. 87040. 138056. 117411. 200750. 315187. 285087.

TRANSMISSION COEFFICIENT = . 1457.13
 VENTILATION COEFFICIENT = . 1399.82

ENERGIBALANS F™R SYSTEM NR 8
 1

ENERGY BALANCE
 =====

MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
 NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

 1. 19418. 55353. 7253. 12650. 1058. 13708. 48899. 55353.
 2. 17560. 50056. 7253. 12291. 2913. 15204. 42106. 50056.
 3. 17261. 49203. 7253. 11933. 8477. 20410. 36046. 49203.
 4. 12744. 36327. 7253. 11335. 12819. 24154. 19427. 36327.
 5. 9151. 26086. 7253. 10619. 19465. 26086. 7253. 0.

6.	5184.	14777.	7253.	10260.	19735.	14777.	7253.	0.
7.	3274.	9332.	7253.	10499.	18935.	9332.	7253.	0.
8.	4241.	12089.	7253.	10858.	15563.	12089.	7253.	0.
9.	7416.	21140.	7253.	11216.	11178.	21140.	7253.	0.
10.	11681.	33297.	7253.	11574.	5270.	16845.	23705.	33297.
11.	14472.	41253.	7253.	12172.	1478.	13650.	34856.	41253.
12.	17186.	48991.	7253.	12650.	520.	13169.	43075.	48991.

TOTAL. 139588. 397904. 87040. 138056. 117411. 200563. 314481. 284381.

TRANSMISSION COEFFICIENT = . 1450.74
VENTILATION COEFFICIENT = . 1399.82

1

ENERGY BALANCE
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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

1.	19418.	55289.	7253.	12650.	1058.	13708.	48835.	55289.
2.	17560.	49999.	7253.	12291.	2913.	15204.	42048.	49999.
3.	17261.	49146.	7253.	11933.	8477.	20410.	35989.	49146.
4.	12744.	36286.	7253.	11335.	12819.	24154.	19385.	36286.
5.	9151.	26056.	7253.	10619.	19465.	26056.	7253.	0.
6.	5184.	14760.	7253.	10260.	19735.	14760.	7253.	0.
7.	3274.	9321.	7253.	10499.	18935.	9321.	7253.	0.
8.	4241.	12075.	7253.	10858.	15563.	12075.	7253.	0.
9.	7416.	21115.	7253.	11216.	11178.	21115.	7253.	0.
10.	11681.	33258.	7253.	11574.	5270.	16845.	23667.	33258.
11.	14472.	41206.	7253.	12172.	1478.	13650.	34809.	41206.
12.	17186.	48934.	7253.	12650.	520.	13169.	43019.	48934.

TOTAL. 139588. 397445. 87040. 138056. 117411. 200466. 284018. 314118.

TRANSMISSION COEFFICIENT = . 1447.44
VENTILATION COEFFICIENT = . 1399.82

1

ENERGY BALANCE
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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

1.	19418.	55261.	7253.	12650.	1058.	13708.	48807.	55261.
2.	17560.	49973.	7253.	12291.	2913.	15204.	42023.	49973.
3.	17261.	49121.	7253.	11933.	8477.	20410.	35964.	49121.
4.	12744.	36267.	7253.	11335.	12819.	24154.	19366.	36267.

5.	9151.	26043.	7253.	10619.	19465.	26043.	7253.	0.
6.	5184.	14753.	7253.	10260.	19735.	14753.	7253.	0.
7.	3274.	9316.	7253.	10499.	18935.	9316.	7253.	0.
8.	4241.	12068.	7253.	10858.	15563.	12068.	7253.	0.
9.	7416.	21105.	7253.	11216.	11178.	21105.	7253.	0.
10.	11681.	33241.	7253.	11574.	5270.	16845.	23650.	33241.
11.	14472.	41185.	7253.	12172.	1478.	13650.	34788.	41185.
12.	17186.	48909.	7253.	12650.	520.	13169.	42993.	48909.

TOTAL. 139588. 397241. 87040. 138056. 117411. 200424. 283857. 313957.

TRANSMISSION COEFFICIENT = . 1445.99

VENTILATION COEFFICIENT = . 1399.82

OPTIMALT SYSTEM HAR NUMMER = . 1

ENERGIBALANS F"R SYSTEM NR 7

1

ENERGY BALANCE

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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

1.	19418.	55546.	7253.	12650.	1058.	13708.	49092.	55546.
2.	17560.	50230.	7253.	12291.	2913.	15204.	42280.	50230.
3.	17261.	49374.	7253.	11933.	8477.	20410.	36217.	49374.
4.	12744.	36454.	7253.	11335.	12819.	24154.	19553.	36454.
5.	9151.	26177.	7253.	10619.	19465.	26177.	7253.	0.
6.	5184.	14829.	7253.	10260.	19735.	14829.	7253.	0.
7.	3274.	9364.	7253.	10499.	18935.	9364.	7253.	0.
8.	4241.	12131.	7253.	10858.	15563.	12131.	7253.	0.
9.	7416.	21213.	7253.	11216.	11178.	21213.	7253.	0.
10.	11681.	33413.	7253.	11574.	5270.	16845.	23821.	33413.
11.	14472.	41397.	7253.	12172.	1478.	13650.	35000.	41397.
12.	17186.	49161.	7253.	12650.	520.	13169.	43246.	49161.

TOTAL. 139588. 399288. 87040. 138056. 117411. 200853. 315575. 285475.

TRANSMISSION COEFFICIENT = . 1460.65

VENTILATION COEFFICIENT = . 1399.82

10.0 BILAGA 1

Utdatafil från OPERA.

Utdata avser resterande livslängd 0 år för fasad. Tilläggsisolering 22 cm.

S

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.22	120.7	2944.8	294.8	127.2	1364.7
WEATHE	117.3	2860.5	285.5	160.6	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.24	120.3	2934	293.6	137.3	1364.7
WEATHE	116.8	2849.6	284.3	170.7	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.24	120.4	2935.8	293.8	135.5	1364.7
WEATHE	116.9	2851.4	284.5	168.9	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.25	120.2	2932	293.4	139.3	1364.7
WEATHE	116.8	2847.6	284.1	172.8	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.25	120.2	2931	293.3	140.3	1364.7
WEATHE	116.7	2846.7	284	173.7	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.23	120.5	2939.2	294.2	132.2	1364.7
WEATHE	117	2854.9	284.9	165.7	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.23	120.6	2941.3	294.4	130.3	1364.7
WEATHE	117.1	2857	285.1	163.7	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.24	120.3	2934.9	293.7	136.3	1364.7
WEATHE	116.9	2850.6	284.4	169.8	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
NO RETR	139.7	3408.2	349.9	0	1364.7	

OPUT1.TXT

EXT. WA	0.25	120.2	2931.6	293.3	139.7	1364.7
WEATHE	116.7	2847.3	284	173.2	1364.7	

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
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NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.25	120.1	2930.1	293.2	141.2	1364.7
WEATHE	116.7	2845.8	283.9	174.7	1364.7	
OPTIMALT SYSTEM HAR NUMMER = .						1

	TRANS (W/K)	ENERGY (MWH/YE)	RETRO COST (KS)	INEVITABLE COST (KSEK)		
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NO RETR	139.7	3408.2	349.9	0	1364.7	
EXT. WA	0.22	120.7	2944.8	294.8	127.2	1364.7
WEATHE	117.3	2860.5	285.5	160.6	1364.7	

10.0 BILAGA 1

Utdatafil från OPERA.

Utdata avser resterande livslängd 0 år för fasad. Tilläggsisolering 22 cm.

ENERGY BALANCE

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MONTH DEG.- ENERGY- HOT - FREE SOLAR UTILIZ. FROM INSUL.
NO HOURS TRANSM WATER ENERGY HEAT FREE BOILER OPTIM.

1	19418	66181	7253	12650	1058	13708	59727	66181
2	17560	59848	7253	12291	2913	15204	51898	59848
3	17261	58828	7253	11933	8477	20410	45671	58828
4	12744	43434	7253	11335	12819	24154	26533	43434
5	9151	31189	7253	10619	19465	30084	8358	31189
6	5184	17668	7253	10260	19735	17668	7253	0
7	3274	11157	7253	10499	18935	11157	7253	0
8	4241	14453	7253	10858	15563	14453	7253	0
9	7416	25275	7253	11216	11178	22394	10134	25275
10	11681	39810	7253	11574	5270	16845	30219	39810
11	14472	49323	7253	12172	1478	13650	42926	49323
12	17186	58574	7253	12650	520	13169	52658	58574

TOTAL. 139588. 475740. 87040. 138056. 117411. 212895. 349885. 432462.

1924.02
1484.15

*** LCC TABLE FOR BASE CASE 1.00 ***
VALUES IN M\$K

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EXIS. NEW ELE. DIST. GR.W NAT. TOU TOU BIV. BIV.O.
SYST. OIL HEAT HEAT HEAT GAS DIST ELEC. GR.HP AIR HP

NO BUIL 4.1 4.42 4.21 4.43 4.87 4.23 4.43 4.15 4.14

OPUT2.TXT

SAVINGS:

ATTIC FL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FLOOR IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXT. WA	0.24	0.31	0.3	0.32	0.35	0.28	0.26	0.27	0.22	0.19				
INS. WAL	0	0	0	0	0	0	0	0	0	0				
TRIPLE-G	0	0	0	0	0	0	0	0	0	0				
TRIPLE-G	0	0	0	0	0	0	0	0	0	0				
TR.-GL. L	0	0	0	0	0	0	0	0	0	0				
WEATHE	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04				
EXH. AIR	0	0	0	0	0	0	0	0	0	0				
SUM. OF	3.82	4.06	3.87	4.05	4.47	3.91	4.13	3.88	3.9	3.91				
SUM. OF	3.83	4.07	3.88	4.06	4.47	3.92	4.14	3.89	3.9	3.91				

DISTRIBUTION:

SAL. OLD	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEW BOI	0	0.18	0.06	0.12	1.57	0.18	0.12	0.06	0.82	0.93				
PIPING C	0	0.25	0.05	0.05	0.25	0.25	0.05	0.05	0.25	0.19				
ENERGY	2.31	2	2.13	2.22	1.01	1.83	2.3	2.14	1.2	1.16				
CONNEC	0	0	0	0.04	0	0.02	0.04	0	0	0				
BUIL. RE	0.16	0.17	0.17	0.17	0.17	0.17	0.16	0.17	0.17	0.17				
INEVITAB	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36				

11.0 BILAGA 2

Utdata på skärm från OPERA.

Utdata avser resterande livslängd 0 år för fasad. Tilläggsisolering 22 cm.