

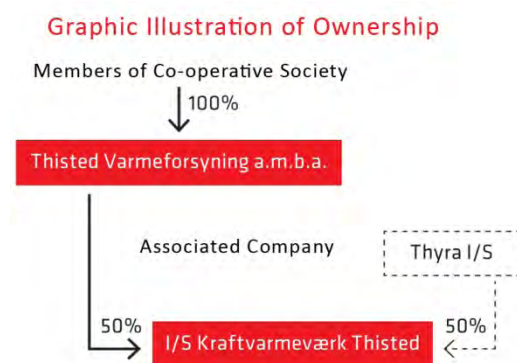


Application for District Energy Climate Awards

Company submitting application:

Thisted Varmeforsyning a.m.b.a.
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7700 Thisted
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www.thisted-varmeforsyning.dk

Type of Ownership:



Designated person for application:

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2. Photographs of applicable system facilities



Figur 1 Straw Incinerator





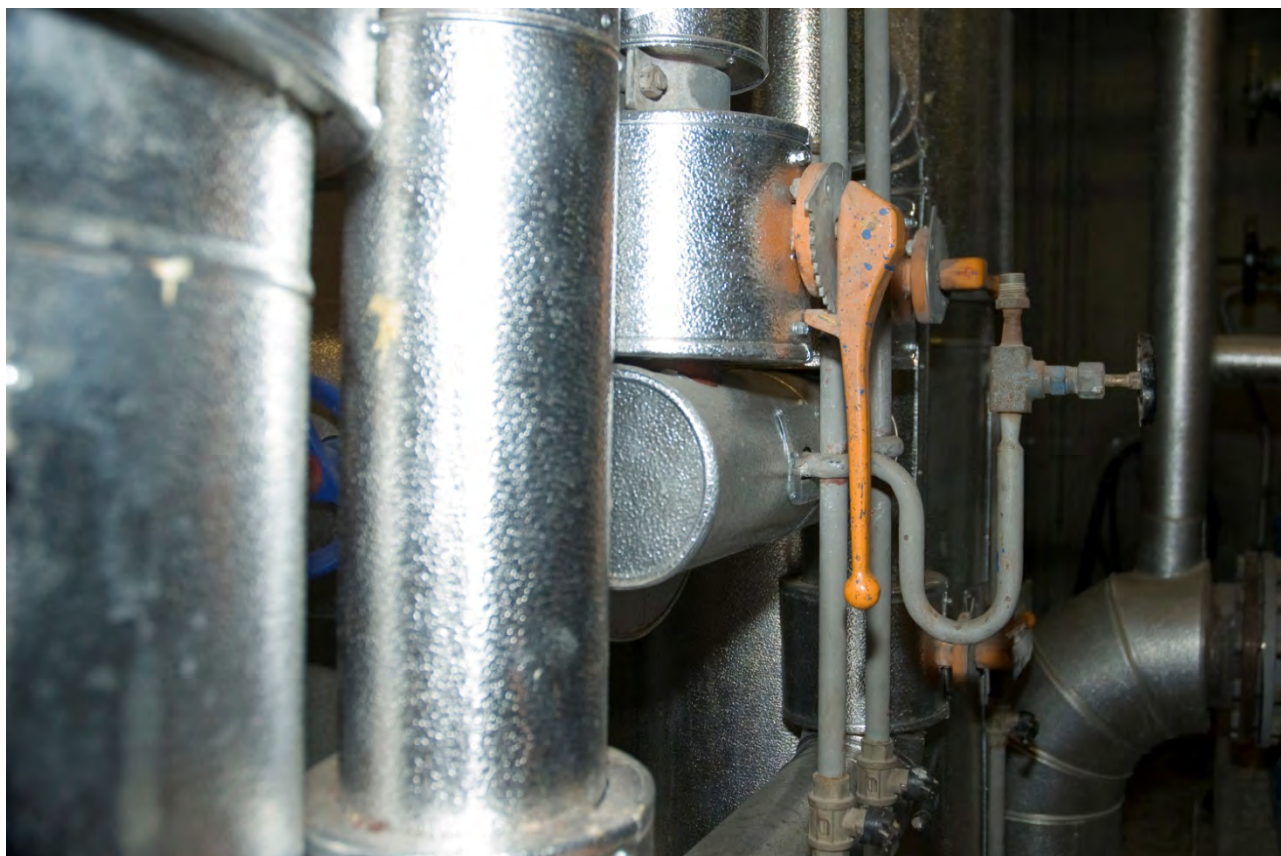
Figur 2 Straw Incinerator



Figur 3 Straw Incinerator



Figur 4 Geothermal Heat



Figur 5 Inside Waste Incinerator



Figur 6 Visit From China Power International New Energy Holding Ltd.



3. History and Documentation

The following is a brief description of historical key events, which has helped Thisted Varmeforsyning to become practically independent from fossil fuels and carbon neutral. Thisted Varmeforsyning is using Waste Incineration, Geothermic Heat and Straw Incineration in combination. The heat production was in 2007 144.266 MWh where 70 % came from waste and Geothermic and straw each provided 15 %.

Today the distribution network is serving 1.061.265 m² and using app. 400km of piping. The production facility is new from 1990 and the average age for the distribution network is 15 – 20 years which result in an app 20 % loss of heat.

1984	Fusion of Landsogn with 318 consumers and Thisted Varmeforsyning 1400 consumers. Today Thisted Varmeforsyning serves 4800 consumers.
1988	Scada facility. Implementation of external reference points to measure pressure and temperature. This reduced pipe loss from 33,3 % to 18,6 %
1990	Continuous expansion of district heating grid in the eastern part of Thisted (district heating to relieve oil heating) and new housing (450 consumers)
1993	Leak detection on pipes connected to the scada system is installed on all renovated pipes. The renovated pipes are always fitted with maximum insulation. All new installation work is made to comply with Heat Plan Thy (see development strategies)
1993 – 1994	The first accumulation tank of 1700 M ³ is built to avoid use of gas in the “morning boom”, where the city needs a lot of heat. The tank accumulates heat over night from the geothermic installation. Before the tank was installed the geothermic heat provided 9.000 MWh on a yearly basis. After the installation of the tank the production was 15.000 MWh.
1996	A decentralized CHP plant installed configured to operate as emergency generator with two generators each producing 0,33 MW of electricity and 0,6 MW of heat. Extra large heat exchangers installed to put production efficiency to 96 % Low Nox Burners and reconfiguration of old Burners
1997	Motivational fee to encourage consumers to save energy
1999	Tilsted 625 consumers which were previously individually heated is added to the district heating network.
2000	Geothermic flow is increased through acquisition of extra Thermax absorption heat pump to intensify the production of the old Sanyo AHP. The Sanyo is producing app. 3MW and the Thermax 5 MW of cooling which provides a collected geothermic effect of 6,5 MW.
2000	Greenhouse heating driven by return water used to heat 750 m ² . The first of its kind in Denmark.
2000-2005	The Waste CHP flu gas cooling to 20 C through geothermic water.
2005	Straw incineration established to work in constellation with geothermic heat. This completely removes fossil fuels in the geothermic heat production.
2006	New 2500 m ³ accumulation tank for better use of straw geothermic heat and waste incineration. The tank is prepared for cartridge heating in preparation to neutralize excess electricity from wind turbines and wave power. This will prove wind to CHP
2006	The 250 consumers of the small town of Hillerslev get District Heating from Thisted Varmeforsyning cutting price of heating in half. Before the district heating came from a small gas fired district heating plant.
2007	District Cooling for City Centre decided. Chiller (1,1 MW) and groundwater absorption cooler

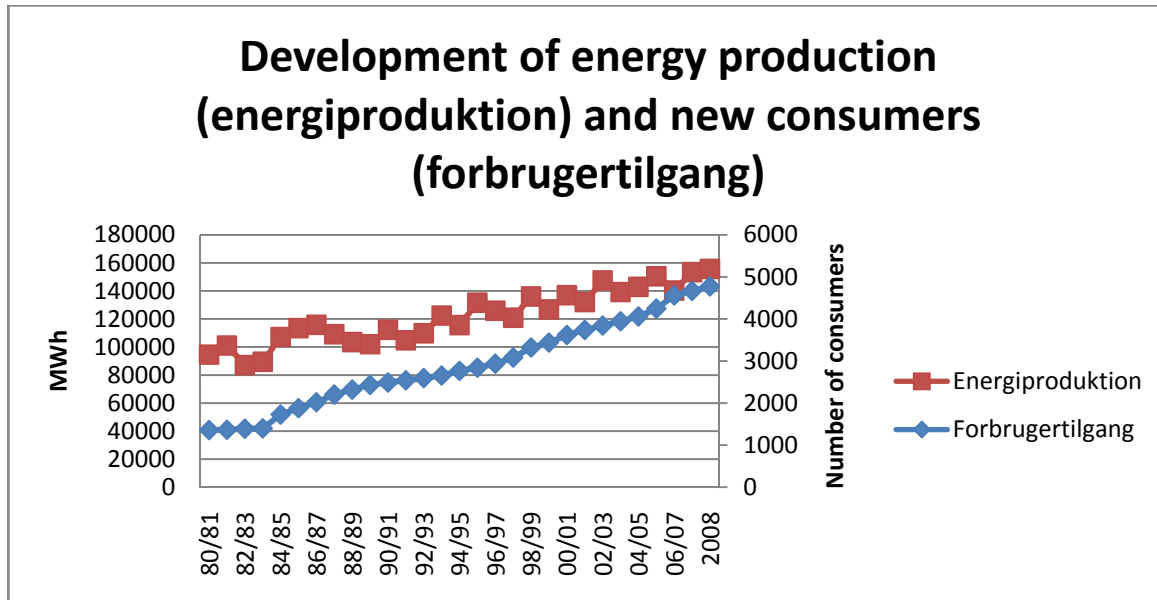


	(0,7MW) driven by district heating. By2009 the operating effect is 1,8 MW
2009	Agreement is made with Fuglsang Maltfabrik, One of two large malt factories in Denmark, which process 50.000 tons of malt pr. year. The factory is now using surplus heat from waste CHP. This saves them 5000 m3 of gas pr. day and reduces cooling of excess heat. The factory is budgeted to use 6000 MWH pr. year.
2009	Development of meters for intelligent distribution to secure water pressure and temperature at minimum needs. As of today 135.000 € has been spent on the project which reaches 20 % of today's consumers.



Data and Written description supporting the Systems success.

Thisted Varmeforsyning has been highly successful in the application of energy saving measures. This is reflected in the following figure, which documents a minimal increase in energy usage in comparison to a large inclusion of new consumers.



The two illustrations show that the improved efficiency on the plans is yielding a positive result. Three main issues have been addressed: The Effect of the boilers, the efficiency of the heat grid and the implementation of a Service Employee instead of just a “meter reader”. This Service Employee has instructed customers in energy savings and energy efficiency. Since 2005 all working with operation and distribution has been educated in advising consumers.

As a part of this effort the consumers are urged to save energy through workshops, theme days, education of plumbers, pump classes for large consumers, classes for craftsmen in the installation of floor heating, adjusting of facilities, adjusting of valves and pump control. Thisted Varmeforsyning has been head of the board in the local energy savings committee for the duration of its existence.

Innovation and development

Thisted Varmeforsyning has installed frequency control on all motors and pumps. This ensures a low use of energy with a processor controlled combustion technology. When engines are changed, they are replaced by energy efficient counterparts. Pump systems are not changed because of age, but energy efficiency.

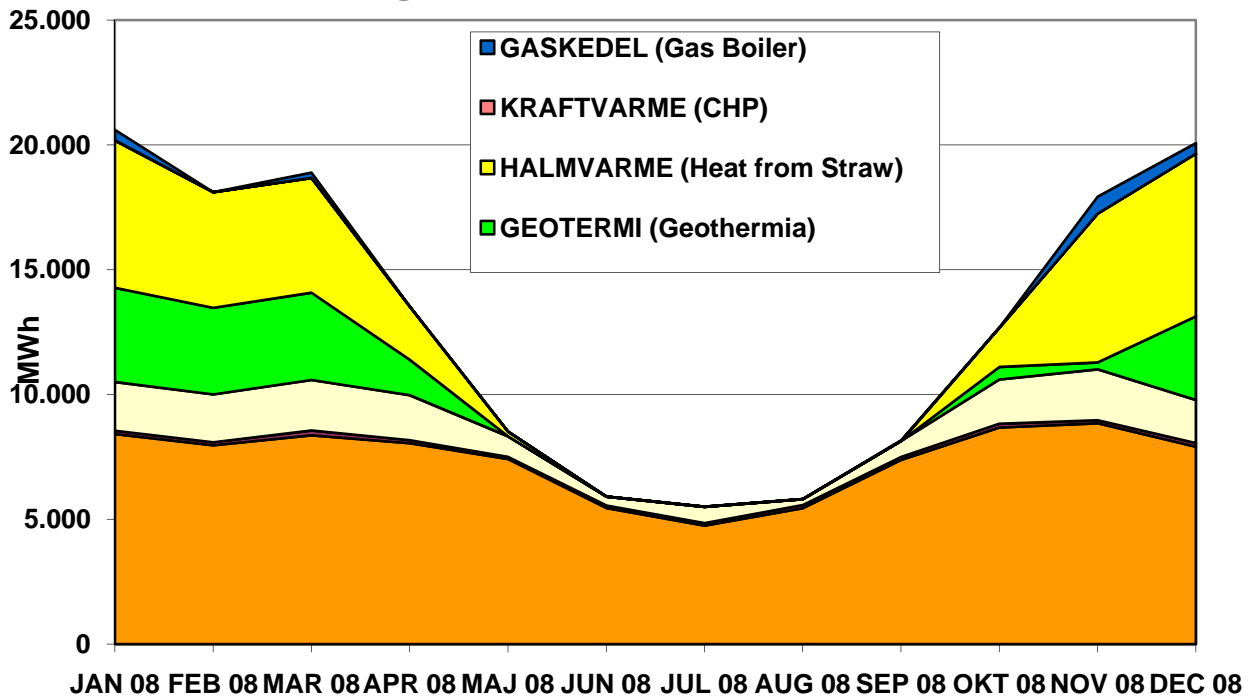
The next step in the development of Thisted Varmeforsyning is Varmeplan Thy. This is an ambitious cooperation between all heat suppliers of the municipality of Thisted which secures environmental sustainability, security of supply and stable low prices.



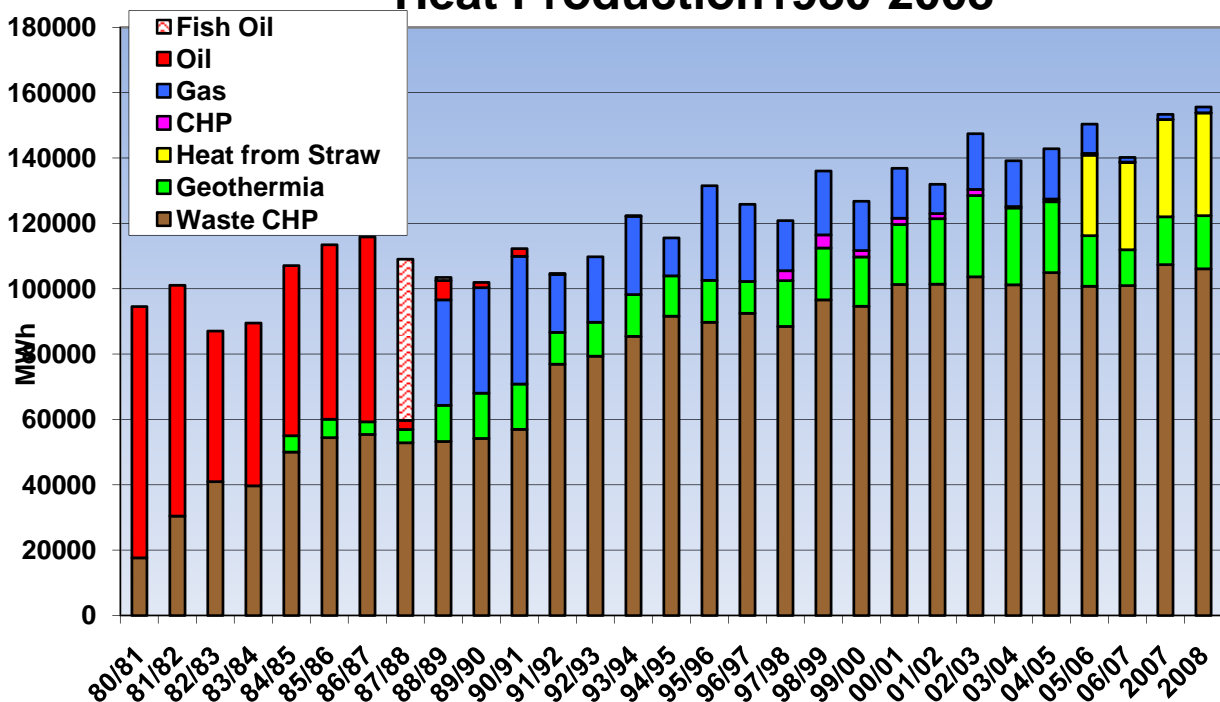
Zero use of Fossil Fuels

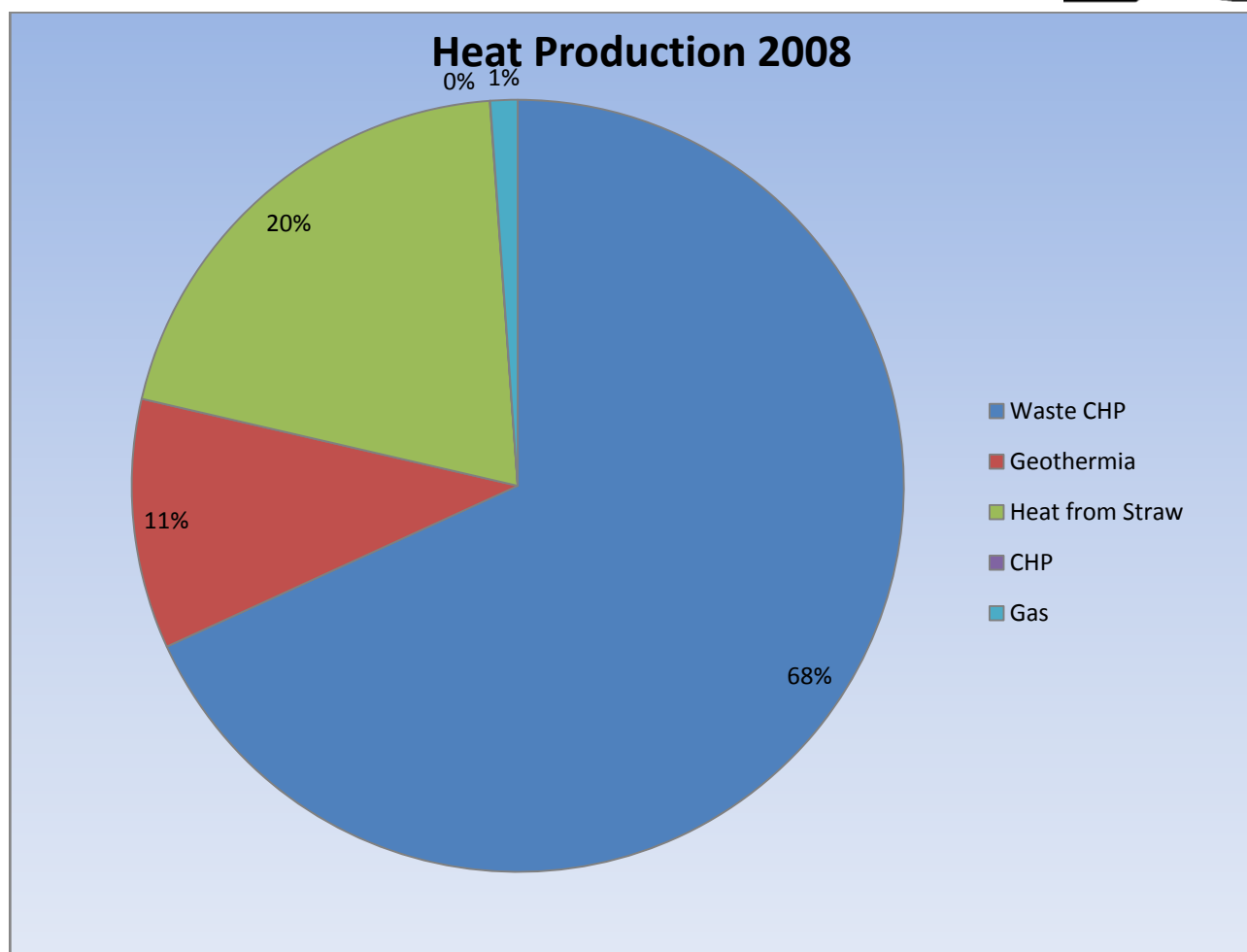
The following illustrations documents that Thisted Varmeværk have a very minimal use of fossilfuel in its production seriously reducing the carbon footprint of the consumers.

Origin of Heat Production 2008



Heat Production 1980-2008





Report 2008

Following is scanned from the yearly report approved by a authorized accountant



Ledelsesberetning

HOVED- OG NØGLETAL

Hovedtal (1.000 kr.)	2008	2007 (7 mdr.)	2006/2007	2005/2006	2004/2005
Nettoomsætning	41.128	20.401	39.123	41.671	38.498
Omkostninger					
Produktion	-22.045	-7.964	-19.435	-23.399	-24.026
Distribution	-15.786	-7.888	-12.028	-12.027	-13.527
Administration	-3.237	-2.164	-2.961	-2.955	-2.805
Andre driftsindtægter	630	104	435	760	436
Finansiering	-1.867	-883	-1.439	-1.066	-385
Omkostninger i alt	-42.305	-18.795	-35.428	-38.687	-40.307
Årets resultat	-1.177	1.606	3.695	2.984	-1.809
Henlæggelse tidl. år, tilbageført	0	0	0	0	358
Overdækning fra forrige år	8.271	6.665	2.970	-14	6.437
Henlæggelse til nyanlæg	0	0	0	0	-5.000
Overdækning til næste år	7.094	8.271	6.665	2.970	-14
Balance					
Aktiver	68.759	68.693	62.637	57.652	38.743
Egenkapital	5.601	5.601	5.601	5.601	5.601
Antal medarbejdere	10,3	9,8	9,7	9,3	8,8
Nøgletal produktion mv.					
Antal forbrugere:					
Antal forbrugere (ultimo året)	4.767	4.658	4.586	4.274	4.089
Tilsluttet areal m ² (ultimo året)	1.057.112	1.036.872	1.025.826	966.498	935.510
Graddage:					
I alt for året (normalår 3.112)	2.629	1.141	2.185	3.098	2.929
Leverance til forbrugere:					
I alt MWh	120.304	50.682	109.226	122.730	112.568
Afregningspriser (ekskl. moms):					
Forbrugsafhængige bidrag:					
Kr. pr. MWh	197,00	207,00	207,00	212,00	206,00
Forbrugsuafhængige bidrag:					
Effektbidrag pr. m ²	14,00	14,00	14,00	14,00	14,00
Abonnementsbidrag	500,00	500,00	500,00	500,00	500,00



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LEDELSESBERETNING · HOVED- OG NØGLETAL (FORTSAT)

Nøgletal produktion mv. - fortsat -	2008	2007 (7 mdr.)	2006/2007	2005/2006	2004/2005
Produktionsoversigt varme:					
Affaldskraftvarme, MWh	106.114	58.520	100.977	102.171	104.974
Halm, MWh	31.485	11.777	26.762	24.643	-
Geotermisk varme, MWh	16.285	5.423	10.982	15.477	21.699
N-gas, MWh	1.800	134	1.303	9.788	16.203
Olie, MWh	0	0	219	58	0
I alt produceret og modtaget varmemængde, MWh	155.684	75.854	140.243	152.137	142.876
Produktionsoversigt el:					
EI, MWh	48	6	56	300	427
Varmemængde leveret til forbrugerne i procent af varmeproduktionen	77,3	66,8	77,9	80,7	78,8
Omkostninger procentuel fordelt:					
Produktion	52,1	42,4	54,9	60,5	59,6
Distribution	37,3	42,0	33,9	31,1	33,6
Administration	7,7	11,5	8,3	7,6	7,0
Andre driftsindtægter	-1,5	-0,6	-1,2	-2,0	-1,1
Finansiering	4,4	4,7	4,1	2,8	0,9
	100,0	100,0	100,0	100,0	100,0
Omkostninger i kr. pr. MWh produceret:					
Energiomkostninger:					
Affaldskraftvarme	106,74	80,47	116,43	131,01	167,71
Halm	151,35	124,65	123,05	112,54	
Geotermi	115,89	118,13	103,89	102,09	85,91
Naturgas	762,17	-	692,11	466,50	352,90
Olie	-	-	-	-	-
Energi i alt	124,16	97,17	122,59	146,97	176,29
Samlede omkostninger:					
Produktion	141,63	105,00	138,58	153,81	168,16
Distribution	101,42	103,99	85,77	79,05	94,68
Administration	20,80	28,53	21,11	19,42	19,63
Andre driftsindtægter	-4,05	-1,38	-3,10	-5,00	-3,04
Finansiering	12,00	11,63	10,26	7,01	2,69
	271,80	247,77	252,62	254,29	282,12
Samlede omkostninger i kr. pr. leveret MWh	351,66	370,84	324,36	315,22	358,07
Forbrugsbidrag i alt opkrævet i kr. pr. leveret MWh	341,59	402,78	358,09	338,06	339,75



Waste Incineration

Thisted Varmeværk is buying heat from Kraftvarmeværk Thisted. CHP owned 50 % by Thisted Varmeværk. Kraftvarmeværk Thisted is producing 26.000 MWh/year and 115.000 MWh/year of heat. This brings the actual efficiency of the plant to 93 %.

Following are data from the latest environment report from Kraftvarmeværk Thisted.



Gennemgang af de enkelte punkter i regnskabet.

Indgående strømme og forbrug.

win/excel/gront2008

1.	Forbrændt mængde affald	Enhed	2004	2005	2006	2007	2008
	Dagrenovation	ton	22.474	21.880	20.716	20.342	20.999
	Erhvervsaffald	ton	18.545	16.513	17.873	17.206	18.544
	Storskrald	ton	2.476	2.922	2.944	3.049	2.884
	Containerpladser	ton	7.104	9.465	9.956	10.316	8.872
	Haveaffald	ton	344	426	494	446	442
	Flis/Halm	ton	868	360	254	695	1.381
	I alt	ton	51.811	51.566	52.237	52.054	53.122

Affaldet leveres af det fælleskommunale affaldsselskab I/S Thyra, som består af tre interessentkommuner Thisted, Morsø og en del af Jammerbugt Kommune (Gl. Fjerritslev Kommune).

Derudover leveres der affald fra nogle få private affaldsleverandører fra andre Kommuner.

2.	Driftstimer	Enhed	2004	2005	2006	2007	2008
	Ovnlinie 1 (Gl. ovn/varme)	timer	417	189	162	189	337
	Driftstid i % af driftsåret	%	4,7	2,2	1,9	2,2	3,8
	Ovnlinie 2 (Ny. ovn/El + varme)	timer	8.320	8.521	8.470	8.543	8.417
	Driftstid i % af driftsåret	%	94,7	97,3	96,7	97,5	95,8
	Turbine	timer	8.286	8.490	7.948	8.274	8.247
	Driftstid i % af driftsåret	%	94,3	96,9	90,7	94,4	93,9

Driftstimerne for affaldslinierne er optalt, når kedel ydelse er over 50%

3.	Hjælpestoffer	Enhed	2004	2005	2006	2007	2008
	Elforbrug	MWh	4.256	4.304	4.566	4.434	4.618
	Diesel (transport)	liter	11.207	9.818	13.172	10.435	7.999
	Kemikalier til vandbehandling:						
	Salttabletter	kg.	16.000	17.000	17.000	15.500	21.500
	Hydroplex 136	kg.	3.700	3.300	2.300	2.800	3.900
	Vandforbrug:						
	Bortkøling af varme	m³	23.525	21.712	25.488	17.892	21.476
	Røggasrensning	m³	15.290	9.925	10.790	8.715	7.135
	Slaggebefugtning/ovnkøling	m³	6.305	10.952	12.319	12.010	11.299
	Kedelv. Fremstil. + TV ledningsnet	m³	9.104	7.767	8.307	10.914	12.739
	Reng. anlæg, vask cont.vogne m.v.	m³	4.256	3.759	3.810	3.565	3.148
	I alt	m³	58.480	54.115	60.714	53.096	55.797
	Kemikalier til rensning af røggasvand:						
	Natronlud, NaOH (27,65%)	kg.	13.000	0	35	185	140
	Hydratkalk, Ca(OH)2	kg.	253.190	274.960	290.750	254.000	277.640
	Aktiv Kul	kg.	45.000	41.000	42.000	33.000	38.000
	Fældningsmiddel, TMT 15	kg.	1.700	1.700	1.750	1.500	1.750
	Flokningsmiddel, polymer	kg.	40	45	55	95	110

Tallene er hentet fra produktionsrapporter og rapporter fra vandbehandlingen samt fakturaer.

4.	Forbrug pr. tons affald.	Enhed	2004	2005	2006	2007	2008
	Elforbrug pr. ton brændt affald	kWh/ton	82	83	87	85	87
	Vandforbrug pr. ton brændt affald	liter/ton	1.129	1.049	1.162	1.020	1.050
	Spildevand pr. ton brændt affald *	liter/ton	377	470	495	447	427

* Total spildevandsmængde (fra røggasrensning og sanitær spildevand).



Udgående strømme og energi.

5. Restprodukter	Enhed	2004	2005	2006	2007	2008
Råslagge	ton	10.140	9.607	9.657	9.258	9.745
Jernskrot genanvendelse	ton	1.126	804	970	422	14
Metaller genanvendelse	ton			18	57	0
Slagge genanvendelse	ton	9.014	8.803	8.687	8.779	9.731
Flyveaske	ton	889	1.330	806	1.316	1.024
Filterkager	ton	294	204	132	182	153
Spildevand	m ³	19.546	20.469	22.072	19.796	19.536

Udvalgte resultater fra slaggeanalyse:	Grænseværdi mg/kg. TS	2004	2005	2006	2007	2008
Bly (Pb)	2.500	2.300	1.700	2.300	1.400	960
Cadmium (Cd)	<10,0	5,08	6,08	5,59	5,40	3,00
Kviksølv (Hg)	<0,5	0,05	0,05	0,05	0,05	0,04
Total alkalinitet (ækv/kg TS)	>1,5	2,07	2,66	2,70	2,25	3,40
pH	>9,0	9,61	9,24	10,39	9,25	9,45

(TS = Tørstof-indholdet)

Råslagge mængden oparbejdes i et slaggesorteringsanlæg, hvor først jernskrot og metaller bliver sorteret fra til genanvendelse. Den sorterede slaggefraktion genanvendes til bundsikring i veje, stier og pladser.

Mængden af flyveaske og filterkager eksporteres til NOAH i Norge, hvor den videre forarbejdning foretages på godkendt behandlingsanlæg.

6. Energiregnskab	Enhed	2004	2005	2006	2007	2008
Affaldsovnlinie 1 Varme	MWh	3.545	1.578	1.668	1.634	2.892
Affaldsovnlinie 2 Varme	MWh	112.938	114.665	112.812	114.435	113.690
Affaldsovnlinie 2 Elproduktion	MWh	20.516	23.946	25.195	26.841	26.822
Energiproduktion i alt affald	MWh	136.999	140.189	139.675	142.910	143.404
Energiproduktion pr. ton affald	MWh/ton	2,64	2,72	2,67	2,75	2,70
Varmeproduktion i alt	MWh	116.483	116.243	114.480	116.069	116.582
Bortkølet varme	MWh	12.900	11.642	13.015	8.657	10.468
Varmesalg *)	MWh	103.583	104.601	101.465	107.412	106.114

*)Varmesalg er den mængde varme der sælges til Thisted Varmeforsyning.

7. Emissioner	Enhed	2004	2005	2006	2007	2008	2008 Total udledt mængde i kg.
Røggasmængder i mio. Nm ³ v/11 vol % O ₂		350,7	356,1	326,2	341,9	355,2	
Emissioner til luft	Ny grænseværdi fra 2006						
Støv *	10 mg/Nm ³	1,6	1,8	0,0	0,1	0,01	4
Saltsyre, HCl *	10 mg/Nm ³	2,6	1,9	0,5	0,4	0,15	55
Kulilte (CO) *	50 mg/Nm ³	8,8	8,8	22,9	24,5	16,4	5.830
Svovloxider (SOx) *	50 mg/Nm ³	45	23	8,4	12,2	15,9	5.660
Kvælstofoxider (NOx) *	400 mg/Nm ³	308	265	245	224	217	77.038
Organisk kulstof (TOC) *	10 mg/Nm ³	<2,000	<2,000	0,5	0,3	0,3	115
Hydrogenflurid (HF)	1 mg/Nm ³	<0,100	0,580	<0,09	<0,15	<0,1	36
Bly (Pb)	mg/Nm ³	0,060	0,001				
Nikkel + arsen	mg/Nm ³	<0,020	<0,001				
Cadmium + Kviksølv	mg/Nm ³	0,002	0,001	0,08	<0,01	<0,02	<7
Bly + Chrom + Kobber + Mangan	mg/Nm ³	<0,025	<0,012				
Dioxiner og furaner	0,1 ng/Nm ³	0,050	0,039	0,006	0,005	0,005	0,0018 gr.
Målingerne henføres til: 0° C, 1013 mbar og 11 vol % O ₂							

* Kontinuerlige målinger af ½ times middelværdier, som logges hvert sekund.

(Værdierne i 2006, 2007 og 2008 er baseret på ikke validerede værdier)

Øvrige røggasmålinger er stikprøvemålinger.

Røggasmængder og emissioner er for begge ovnlinier.



8. Udledninger i spildevand fra røghrensning.			2004	2005	2006	2007	2008	2008
Udvalgte problematiske stoffer	Grænseværdier for spildevands udledning							Total udledning i gram
Spildevandsmængde	25000	m³	15290	20469	22072	19796	19536	
Suspenderede stoffer	30	mg/liter	<2,0	<2,0	5,5	20,3	20,5	400488
Kviksølv (Hg)	0,003	mg/liter	0,0001	<0,0001	<0,0010	<0,0001	<0,0001	<2
Cadmium (Cd)	0,003	mg/liter	0,0002	0,0001	0,0005	<0,0001	<0,0001	<2
Thallium (Tl)	0,050	mg/liter	<0,0004	<0,0004	<0,0050	<0,0004	<0,0004	<8
Arsen (As)	0,150	mg/liter	0,0010	0,0010	0,0090	0,0016	0,0014	27
Bly (Pb)	0,100	mg/liter	0,0060	0,0011	0,0095	0,0008	0,0009	18
Chrom (Cr)	0,300	mg/liter	0,0066	0,0155	0,0025	0,0087	0,0568	1108
Kobber (Cu)	0,100	mg/liter	<0,0010	<0,0010	<0,0040	0,0014	0,0027	53
Nikkel (Ni)	0,100	mg/liter	<0,0010	0,0043	<0,0020	0,0098	0,0292	570
Zink (Zn)	0,500	mg/liter	0,1505	0,0055	0,0190	0,0142	0,0175	342
Dioxiner og furaner	300	pg/liter	4,20	2,48	8,90	5,52	3,00	0,00006
pH	6,5-9,5		8,0	7,5	7,0	7,0	7,0	

Den anførte spildevandsmængde er fra vandbehandlingsanlægget til rensning af røggasvandet.

Der udtages stikprøve måling af de problematiske stoffer i dette spildevand.

Det er gennemsnittet af disse målinger der er blevet brugt til beregningerne.

9. Miljømåling - ekstern støj			Måleresultat	Grænseværdi
Seneste støjmåling er foretaget i 1996			Dag/Aften/Nat	Dag/Aften/Nat
Ref.nr.	Referencepunkt		(dB(A))	(dB(A))
MP 1	I skel mod vest.		56 - 53 - 53	55 - 45 - 40
MP 2	I skel mod nord.		52 - 45 - 45	55 - 45 - 40
MP 3	Ved Ringvej - åben/lav bebyggelse.		38 - 32 - 32	45 - 40 - 35
MP 4	I skel mod syd.		58 - 44 - 44	60 - 60 - 60

10. Arbejdsmiljø		2004	2005	2006	2007	2008
Sygedage		43	54	64	63	61
Fraværsprocent		0,82	1,02	1,20	1,43	1,26
Små arbejdsskader (uden lægebehandling)		0	0	0	0	0
Mindre arbejdsskader		0	0	0	0	0
Større arbejdsskader		0	0	0	0	0
Store arbejdsskader		0	0	0	0	0
Dødsulykker		0	0	0	0	0

It is possible to view the environmental report from the Waste CHP as an enclosure to this application.



Varmeplan Thy – Securing the Future

Varmeplan Thy, Heating Plan Thy, is an ambitious plan to bring district heating to almost every citizen of the municipality of Thisted.

By gathering all production units in the municipality on a common transmission grid a large degree of supply reliability is achieved. The foundation of this will be economically and environmentally viable and secure minimum usage of fossil fuels.

The plan unites:

- Kraftvarmeværk Thisted
- Thisted Varmeforsyning's geothermic facility including accumulation and heat
- Thisted Varmeforsyning's straw incineration
- Østerild District Heating on wood chips
- Hanstholm Heat's gas powered turbine and industrial excess heat
- Vesløs Heating plant using wood chips
- Frøstrup Heating plant using waste wood
- Hurup Heating plant using wood chips
- Vestervig Heating plant using wood chips
- Bedsted Heating plant using wood pellets
- Biogas facilities
- Delivery of heat for industry
- Reception of industrial waste heat
- Thisted Varmeforsyning's, Klimøller's, Snedsted's and Vorupør's gas powered engine facilities
- Installation of electric cartridges to avoid spillage of electricity

The cost of implementation is estimated 40.000.000€.

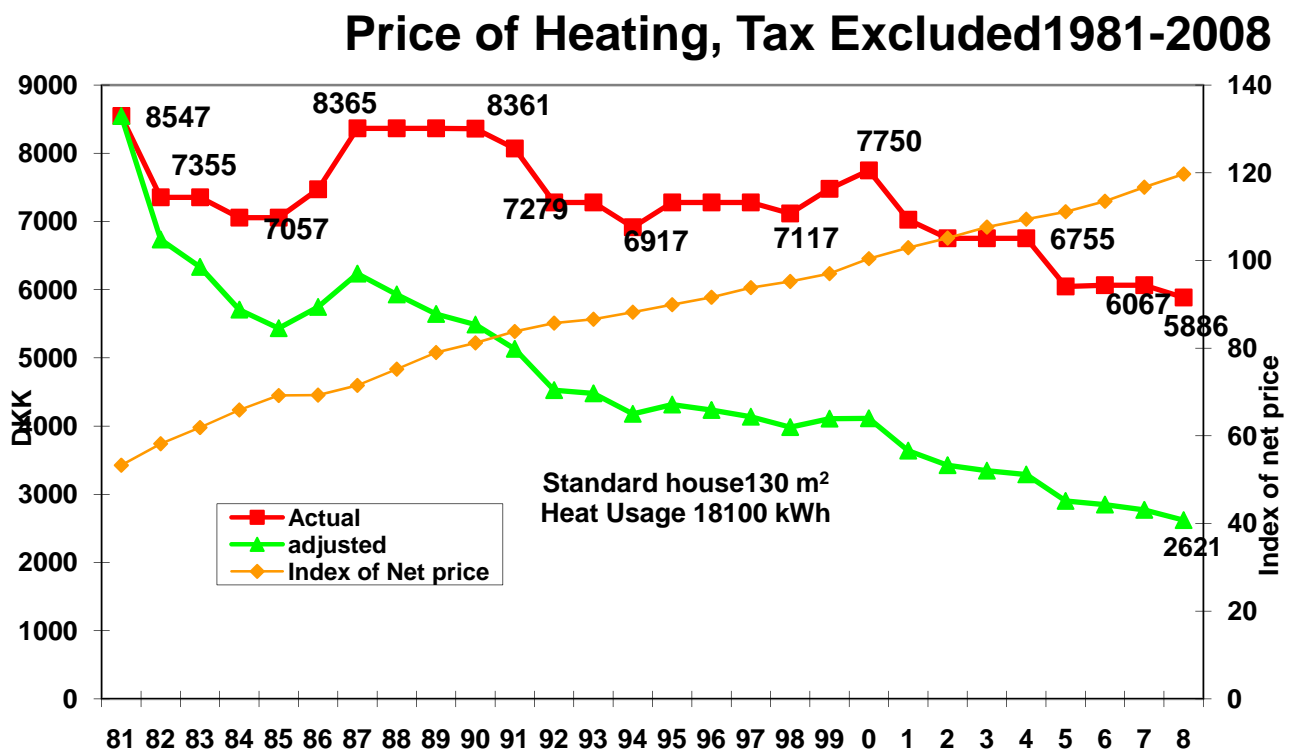
The result of Varmeplan Thy will be a community with no use of fossil fuels, a very sustainable community, very, very low prices on heating, development of rural areas and preservation of local decision making.



Customer Satisfaction

How do you precisely describe customer satisfaction? At Thisted Varmeforsyning we take pride in knowing that no customer has left us after being connected to our district heating. In the area where we offer district heating 99 % of all consumers are connected to our grid.

The main reason for our popularity is no doubt that we are offering our customers one of the lowest heating prices in Denmark. The development of district heating cost in Thisted is shown by the following illustration.



When competing for an award this is actually a handicap, because it shows, that Thisted Varmeforsyning never had reason to reflect on loss off customers. We believe that this is due to our close connection to the local community in which we operate the sustainability of our production units and our competitive prices.

New Energy for Local Communities

Following is a letter from a satisfied customer in Hillerslev stating that the climate friendly district energy from Thisted Varmeværk has rejuvenated the local community. Hillerslev had stagnated because of rampant energy prices from the local gas fuelled heating plant. A common problem in Denmark caused by



small district heating facilities, so called Barmarksværker (roughly translated into Open Field Plants), which had their economy undermined because of large increases in gas prices.

Til Thisted Varmeforsyning

Hillarslev, den 21-09-09

Lige et par ord til jer fra en meget tilfreds kunde i Hillarslev.

Vi kom med på varmen fra Thisted Varmeforsyning i 2006, og vi er meget glade for den løsning.

Først og fremmest var det en stor økonomisk gevinst, da varmeregningen efter tilslutning til Thisted Varmeforsyning, kun var på det halve af, hvad vi betalte før, så det var bare skønt.

Der er altid styr på tingene, hvis der er ændringer ved måleren. God information om grunden til ændringer og søde og rare teknikere der kommer og udfører ændringerne. Der er en fantastisk hjemmeside, hvor det er muligt, at få alle mulige informationer om selskabet, priser, råd og vejledning, kontakter, nyneder osv., så vi har mulighed for at hente alle de oplysninger, vi har lyst til.

For byen Hillarslev har det haft en utrolig positiv virkning. Den lettere negative stemning over de høje varmeregninger, blev vendt til optimisme og tro på, at der ville komme gang i byen igen. Husene er blevet meget lettere at sælge grundet den billige varmepris, så det er bare dejligt.

Vi synes bare lige, at I skulle vide, at vi er utrolig glade for, at være kunder hos jer.

Med venlig hilsen

Solveig og Kurt Holm
Hillarslev Kærvej 8
7700 Thisted



European Champions in Renewable Energy

Thisted Varmeforsyning served a pivotal role when the municipality of Thisted received the prestigious Eurosolarprize in 2007. In their appreciation Eurosolar wrote: "Thisted municipality in Denmark covers an area of 1,093 sq km and has about 46,000 inhabitants. It uses different forms of renewable energy such as wind, biogas, and biomass, solar and geothermal.

252 windmills stand in the municipality of Thisted in total today. The power they generate covers 68% of the local electricity consumed. The municipality is leading in the use of geothermal heating. It operated the first plant of its kind in Denmark. Local heating suppliers who use Renewable Energy cover all the major towns in the municipality. *In total, as much as 82% of the heat generation comes from renewable sources of energy.*

There is a local support for Renewable Energy, which is demonstrated for example by the many owners of windmills and also because several of the farmers operate biogas plants. The use and the development of renewable energy have attracted new companies to Thisted municipality and, thus created new jobs."



The Mayor of Thisted Erik Hove Olsen receives the Eurosolarprize presented to him by Dr. Herman Scheer member of the Deutscher Bundestag.



We believe that we're operating a district heating business in Denmark's leading climate municipality and in doing so is an integral part in being a reference area for the world. We've always seen cost efficiency and renewable energy as belonging to the same cause and in doing so we see ourselves as a natural nominee for the District Energy Climate Award.