

Identification	No	5
	Projects (reference)	District Heating Drammen, N
Installation	Industry	District Heating
	Application	District Heating
	Process applied	hot water supply/ space heating
	Location	Drammen, Norway
	Year of installation	2011
	User (company)	Drammen Fjernvarme KS
Technology System	HP techno-logy	MHP
	HP system	water cooled chiller
	Working fluid	R717
	Heating/ cooling capacity (kW)	3.x4.500
	Supply temperature (°C)	75 to 90
	Heat source	sea water
	Heat source temperature (°C) IN	8 to 9
	Heat sink	water
	Heat sink temperature (°C) OUT	75
	Heat source/ heat sink	heating only
	Thermal storage	n.a.
Effects	Savings energy (%)	n.a.
	Savings CO2 emissions (%)	12,700 t/a
	Savings energy cost (%)	60 (1,210,000 €/a)
	Others: additonal effects	n.a.
	Remarks	no