

Total Thermal Energy Consumption (Net DH Sold Energy to the consumption, CHP savings are not included)

Period	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Useful heat Energy [MWh/year]	150.117	157.269	141.233	154.204	158.094	150.768	157.029	183.583
OIL EQUAL (TOE)	14.644	15.342	13.777	15.043	15.422	14.707	15.318	17.908

Fuel Oil emissions In case of oil consumption by customers instead of DH [tn/yr]

Period	Heat Oil substitution by DH	CO ₂	SO ₂	CO	NOx	HC	Particulates
Specific emission factor [g/kg fuel oil]	[tn/yr]	3.142	0,7	0,572	2,384	0,191	0,286
2007-08	14.644	46.010,84	10,25	8,38	34,91	2,80	4,19
2008-09	15.342	48.203,00	10,74	8,78	36,57	2,93	4,39
2009-10	13.777	43.287,92	9,64	7,88	32,84	2,63	3,94
2010-11	15.043	47.263,66	10,53	8,60	35,86	2,87	4,30
2011-12	15.422	48.455,99	10,80	8,82	36,77	2,95	4,41
2012-13	14.707	46.210,65	10,30	8,41	35,06	2,81	4,21
2013-14	15.318	48.129,39	10,72	8,76	36,52	2,93	4,38
2014-15	17.908	56.268,31	12,54	10,24	42,69	3,42	5,12

Assumptions :

Fuel Oil Calorific Value : 11,92 KWh/kg

Average Boiler Efficiency: 0,86 (COM 2008/781)