

Table 1 Urban areas and rivers ranked by river heat capacity > 100 MW

Rank	Urban Area (River)	Heat Cap. (MW)	Demand	Rank	Urban Area (River)	Heat Cap. (MW)	Demand
1	Selby (Yorkshire Ouse)	505	Medium	26	Marlow (Thames)	241	Medium
2	Goole (Yorkshire Ouse)	505	Medium	27	Ross-on-wye (Wye)	241	Low
3	Nottingham (Trent)	453	High	28	Burton upon Trent (Trent)	202	Low
4	Newark-on-Trent (Trent)	452	Medium	29	Christchurch (Stour) *	199	Medium
5	London (Thames and tributaries) *	444	Very High	30	Chester (Dee)	198	Medium
6	Tewkesbury (Severn)	430	Low	31	Pontefract (Aire)	186	Medium
7	Gloucester (Severn)	418	Medium	32	Knottingley (Aire)	175	Medium
8	Gainsborough (Trent)	407	Medium	33	Castleford (Aire)	173	Medium
9	Weybridge (Thames)	406	High	34	Exeter (Exe)	173	Medium
10	Stourport-on-Severn (Severn)	350	Low	35	Wallingford (Thames)	143	Low
11	Egham (Thames)	336	Low	36	Warrington (Mersey)	141	High
12	Chertsey (Thames)	334	Low	37	Southampton (Test and Itchen) *	137	High
13	Worcester (Severn)	307	Medium	38	Prudhoe (Tyne)	136	Medium
14	Hereford (Wye)	305	Medium	39	Hexham (Tyne)	136	Medium
15	Telford (Severn)	304	High	40	Manchester (Irwell)	135	Very High
16	Slough (Thames)	275	High	41	Lymm (Manchester Ship Canal†)	132	Low
17	Reading (Thames)	273	High	42	Carlisle (Eden)	131	Medium
18	Shrewsbury (Severn)	258	Medium	43	Rothwell (Aire)	122	Medium
19	Bournemouth (Stour) *	254	High	44	Irlam (Manchester Ship Canal†)	117	Medium
20	High Wycombe (Thames)	251	Medium	45	York (Yorkshire Ouse and Foss)	115	High
21	Maidenhead (Thames)	250	Medium	46	Oxford (Thames and Cherwell)	108	High
22	Windsor (Thames)	250	Medium	47	Abingdon (Thames)	108	Medium
23	Bewdley (Severn)	245	Medium	48	Salisbury (Avon)	104	Medium
24	Bridgnorth (Severn)	245	Low	49	Bristol (Bristol Avon)	101	High
25	Henley-on-Thames (Thames)	241	Medium				

† The Manchester Ship Canal is classified as a WFD River

* The heat capacity given in the table is for abstraction from rivers only. These locations could also extract heat from either coastal or estuarine waterbodies.