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SMALL SCALE HYDRO-ELECTRIC SALFORD STUDY ETSU SSH 4063 ENGLAND site data Version 1																																																																					
<table border="1"> <thead> <tr> <th>Code</th> <th>Region</th> <th>Code</th> <th>Developer</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Anglian</td> <td>U</td> <td>Utility</td> </tr> <tr> <td>2</td> <td>Northumbrian</td> <td>P</td> <td>Private</td> </tr> <tr> <td>3</td> <td>North West</td> <td>IR</td> <td>Industrial Replacement</td> </tr> <tr> <td>4</td> <td>Severn Trent</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>Southern</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>South West</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>Thames</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>Wessex</td> <td></td> <td></td> </tr> <tr> <td>9</td> <td>Yorkshire</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>Northern Ireland</td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>Welsh</td> <td></td> <td></td> </tr> </tbody> </table>																						Code	Region	Code	Developer	1	Anglian	U	Utility	2	Northumbrian	P	Private	3	North West	IR	Industrial Replacement	4	Severn Trent			5	Southern			6	South West			7	Thames			8	Wessex			9	Yorkshire			10	Northern Ireland			11	Welsh		
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Reg.	Site Number	River	OS No.	Grid Ref. intake	Grid Ref. powerhouse	Location	Town	Head (m)	Std. annual avg. rainfall (mm)	Catchment Area (km2)	Potential Evap. (mm)	Winter rain acceptance potential soil class proportions					Base Flow Index	Mean Flow (m3/S)	Installed flow (m3/S)	Installed Capacity (kW)	Annual Energy Yield (MWh)	Annual water usage (m3'E6)	Plant factor	Developer	Scheme Cost (£/kW installed)																																												
1	032001	Nene	142	TF:2090 9740	TF:2090 9740	Stanground Sluices	Peterborough	2.3	624	1676.0	448							9.44	8.40	135	528	118	0.45	U	2,258																																												
1	033001	Great Ouse	143	TF:5900 0120	TF:5900 0120	Denver Sluice	Denver	2.7	601	3430.0	446					0.50	15.44	13.43	243	1257	249	0.59	U	1,287																																													
1	036001	Stour	168	TM:0570 3360	TM:0570 3360	Dedham Mill	Dedham	2.0	600	846.0	495					0.48	2.81	2.60	35	138	37	0.45	P	2,400																																													
1	036002	Stour	168	TL:9110 3360	TL:9110 3360	Bures Mill	Bures	2.0	600	489.0	460					0.51	2.28	1.88	24	100	27	0.48	IR	3,409																																													
1	037001	Chelmer	168	TQ:8040 0830	TQ:8040 0830	Hue Mill (Lock)	Woodham Walter	2.4	590	605.8	490					0.45	1.96	2.40	30	116	33	0.44	P	3,054																																													
2	022001	Wansbeck	81	NZ:2340 8630	NZ:2350 8630	Saw Mill	Bothal	2.3	837	307.0	440		0.41	0.59	0.34	4.14	3.79	59	257	59	0.50	P	2,743																																														
2	022002	Wansbeck	81	NZ:2050 8640	NZ:2050 8640	Last Mill	Morpeth	2.1	844	299.5	440		0.39	0.61	0.33	4.10	2.00	28	164	42	0.67	IR	3,289																																														
2	022003	Wansbeck	81	NZ:1810 8570	NZ:1810 8570	Abbey Mill Weir	Morpeth	2.3	849	288.0	440		0.37	0.63	0.33	3.98	3.66	56	242	55	0.49	U	2,914																																														
2	022004	Coquet	81	NU:0680 0150	NU:0680 0150	Thrum Mill	Rothburn	2.4	1015	346.0	380					1.00	0.20	7.11	2.00	32	204	45	0.73	P	2,912																																												
2	022005	Coquet	81	NU:1830 0010	NU:1840 0030	Felton Mill	Felton	2.0	960	483.0	400		0.03	0.97	0.21	8.84	3.60	48	283	75	0.67	U	3,764																																														
2	022006	Coquet	81	NU:2040 0280	NU:2050 0300	Ackington mill	Ackington	3.5	938	536.0	410		0.10	0.90	0.24	9.29	5.00	121	650	96	0.61	P	1,870																																														
2	022007	Aln	81	NU:1800 1400	NU:1800 1400	Canongate Weir	Alnwick	2.6	790	185.0	425		0.42	0.23	0.27	2.32	2.18	37	149	31	0.46	P	3,636																																														
2	023001	Nede	80	NY:8860 9290	NY:8860 9290	Ottermill	Otterburn	2.1	1104	197.0	405					1.00	0.20	4.37	2.00	28	154	39	0.63	IR	2,211																																												
2	023002	Crook Burn	87	NY:8640 7260	NY:8670 7330	Teckel Waterfalls	Simonsburn	40.0	910	16.8	440		0.67	0.34	0.39	0.26	0.23	56	285	4	0.58	U	3,140																																														
2	023003	North Tyne	87	NY:9180 7050	NY:9160 6930	Chollerford Weir	Chollerford	2.0	1028	1091.0	410		0.07	0.93	0.23	21.83	20.77	306	1300	317	0.48	U	2,404																																														
2	023004	West Allen	86	NY:7810 5700	NY:7810 5700	Saw Mill	Bearsbridge	4.5	1284	71.9	390					1.00	0.20	2.04	1.95	59	234	27	0.45	U	1,983																																												
2	023005	Pont	88	NZ:1490 5690	NZ:1510 5720	Lintzford Weir	Rowlands Gill	2.7	874	235.3	425		0.49	0.51	0.36	3.53	2.20	40	220	43	0.63	P	978																																														
2	024001	Bedburn Beck	92	NZ:0930 3120	NZ:1010 3170	Bedburn	Bedburn	9.0	867	56.9	430		0.25	0.75	0.29	0.83	0.50	30	168	10	0.64	P	1,499																																														
2	024002	Western Hope Bu	92	NY:9340 3730	NZ:9350 3790	Western Hope Farm	Brotherlee	40.0	1329	12.5	400					1.00	0.20	0.37	0.35	86	372	5	0.49	U	1,745																																												
2	025002	Tees	92	NY:8790 2830	NY:8810 2840	High Force	Bowlees	21.3	1826	165.0	350					1.00	0.20	7.72	7.37	1140	4670	109	0.47	U	851																																												
2	025003	Tees	92	NY:9030 2800	NY:9030 2800	Low Force	Bowlees	4.0	1794	177.5	350					1.00	0.20	8.13	7.76	224	836	104	0.43	U	1,271																																												
2	025005	Lune Head Beck	91	NY:8310 2160	NY:8500 2090	Brough	Brough	80.0	1850	17.5	330					1.00	0.20	0.84	0.80	440	1886	12	0.49	U	1,637																																												
2	025006	Rowton Beck	91	NY:9020 2590	NY:9150 2650	Holwick	Holwick	150.0	1350	5.4	410					0.50	0.50	0.20	0.16	133	655	2	0.56	U	1,515																																												
3	068001	Weaver	117	SJ:5880 7710	SJ:5880 7710	Dutton Locks	Acton Bridge	2.7	807	1313.0	523	0.16	0.09	0.00	0.75	0.00	0.53	13.31	11.14	216	973	180	0.51	U	1,736																																												
3	068002	Weaver	118	SJ:6560 7290	SJ:6560 7300	Locks	Northwich	3.1	767	654.0	531	0.26			0.74		0.51	5.72	4.84	104	446	75	0.49	U	1,616																																												
3	068003	Weaver	118	SJ:6370 7430	SJ:6260 7510	Salstersford Lock	Northwich	2.4	808	1298.0	525	0.16	0.09		0.75		0.53	13.12	10.98	188	845	177	0.51	U	1,702																																												
3	068004	Weaver	118	SJ:6400 7030	SJ:6400 7030	Vale Royal Locks	Northwich	2.8	768	643.0	531	0.25			0.75		0.51	5.64	4.77	92	395	73	0.49	U	2,569																																												
3	068005	Weaver	118	SJ:6650 6080	SJ:6650 6080	The Mill	Church Minshull	2.5	769	507.0	528	0.17			0.83		0.50	4.51	3.84	65	325	68	0.57	P	2,687																																												
3	068008	Dane	118	SJ:8610 6330	SJ:8610 6330	Mill	Congleton	2.6	1017	135.0	461	0.05	0.01		0.61		0.48	2.45	2.09	36	180	37	0.57	IR	2,963																																												







