



GB Seven Year Statement 2009

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Table E.1.1 - GSP Winter peak Demand (MW), Generation (MW) and Power Factor, 2009/10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1	325	325	0	BLYT20
WYLF10	Anglesey Aluminium	0.98	262	262	0	Station Load
TEMP30	BOC	0.98	10	8	0	TEMP20
DUNG20	British Energy	0.79	14	14	0	Station Load
EGGB41	British Energy	0.9	40	17	0	Station Load
HEYS10	British Energy	0.79	115	61	0	Station Load
HINP21	British Energy	0.76	47.5	12	0	Station Load
HINP22	British Energy	0.76	47.5	12	0	Station Load
SIZE40	British Energy	0.8	4	4	0	Station Load
TREM30	Celsa	0.85	95	0	0	TREM20
BESW10	Central Networks East (EMEB)	0.97	395.2	395.2	2	BESW20
BICF10	Central Networks East (EMEB)	0.96	188.1	178.8	58	BICF4A /BICF4B
CHTE10	Central Networks East (EMEB)	0.95	558.7	552	10.6	CHTE20
COVE10	Central Networks East (EMEB)	0.93	543.6	543.6	10	COVE20
DRAK10	Central Networks East (EMEB)	0.95	193.7	193.7	2	DRAK20
ECLA10	Central Networks East (EMEB)	0.9	369.3	369.3	3	ECLA40_EME
ENDE10	Central Networks East (EMEB)	0.95	531.7	526.5	4	ENDE40
GREN10	Central Networks East (EMEB)	0.93	714.3	714.3	27.6	GREN40_EME
HAMH12	Central Networks East (EMEB)	0.96	0	0	0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	0.96	131.1	131.1	1	HAMH40_EME
RATS10	Central Networks East (EMEB)	0.94	674.4	657.8	3	RATS40
SBAR40	Central Networks East (EMEB)	0.96	0	0	0	SBAR40

STYC10	Central Networks East (EMEB)	0.93	184.7	184.7	2	STAY40
WALP10	Central Networks East (EMEB)	0.89	271.5	256.5	2	WALP40_EME
WBUR10	Central Networks East (EMEB)	0.95	249.8	249	4	WBUR40
WILL10	Central Networks East (EMEB)	0.96	608.9	603.7	2	WILE20
BISW10	Central Networks West (Aquila)	0.97	480.1	173.8	0	BISW20
BUSH10	Central Networks West (Aquila)	0.96	166.5	156.7	5	BUSH20
BUST10	Central Networks West (Aquila)	0.96	378	377.6	0	BUST20
CELL10	Central Networks West (Aquila)	0.88	472.4	472.4	50.8	CELL40_AQUL
ECLA10	Central Networks West (Aquila)	0.98	73.2	72.6	0.8	ECLA40_EME
FECK60	Central Networks West (Aquila)	0.87	343.2	303.1	0	FECK20
GLOU10	Central Networks West (Aquila)	0.95	644.7	644.7	8.5	WALH40
HAMH11	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
IROA11	Central Networks West (Aquila)	0.96	100	100	0	IROA20_AQUIL
IRSH40	Central Networks West (Aquila)	0.94	336.3	336.3	0	IRSH40
KITW10	Central Networks West (Aquila)	0.96	429.9	429.9	0	KITW20
LEAM10	Central Networks West (Aquila)	0.94	308.7	308.3	0	HAMH40_AQUL
NECH10	Central Networks West (Aquila)	0.89	388.4	344.5	25.2	NECH20
OCKH10	Central Networks West (Aquila)	0.96	125.6	109.4	0	OCKH20
OLDB10	Central Networks West (Aquila)	0.97	99.8	100	0	OLDB20
PENN10	Central Networks West (Aquila)	0.94	316.9	316.9	0	PENN20
RUGE10	Central Networks West (Aquila)	0.96	250.7	250.7	0	RUGE40
WIEN10	Central Networks West (Aquila)	0.94	210.3	195.9	0	WIEN2A /WIEN2B
GREN10	Corby Power Ltd	1	0	0	0	GREN40_EME

ALDW31	CORUS	0.75	36	36	0	ALDW20
ALDW32	CORUS	0.82	160	88	0	ALDW20
GRT060	CORUS	0.8	8	8	0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5	3	0	RAVE2Q /RAVE2R
STSB60	CORUS	0.92	70	0	0	STSB40
TEMP30	CORUS	0.75	12	7	0	TEMP20
TINP32	CORUS	0.7	59	49	0	TINP2A /TINP2B
TODP60	CORUS	0.8	10	1	88	TODP20
WHSO31	CORUS	0.91	48.2	28.6	0	WHSO20
WHSO32	CORUS	0.91	48.2	28.6	0	WHSO20
WILL10	Derwent	1	0	0	0	Station Load
DRAX11	Drax Power Limited	0.9	17	17	0	Station Load
DRAX12	Drax Power Limited	0.9	75	75	0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.34	40	8	0	Station Load
DEES4	E.ON (UK) plc (Powergen)	1	25	0	0	
GRAI40	E.ON (UK) plc (Powergen)	0.83	46	21	18	Station Load
IRON10	E.ON (UK) plc (Powergen)	0.77	50	6	0	Station Load
KINO10	E.ON (UK) plc (Powergen)	0.8	40	10	0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.77	43	13	0	Station Load
AMEM10	Eastern Power Networks	0.96	69	58.3	0	AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	0.97	80.1	80.1	0	BARK20_EPN
BARW30	Eastern Power Networks	0.94	79.3	76.7	0	BARK20_EPN
BRFO10	Eastern Power Networks	0.96	782.8	782.7	265	BRFO40
BRIM10	Eastern Power Networks	0.95	274.3	269.6	0	BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.95	795.4	795.4	0	RAYL40 / BRAI4A
BURW10	Eastern Power Networks	0.96	287.7	287.6	0	BURW40
EASO10	Eastern Power Networks	0.96	207	207	7.5	EASO40
ELRH10	Eastern Power Networks	0.96	525.9	525.9	0	ELST20 / RYEH40 / RYEH4A

ELST10	Eastern Power Networks	0.96	102	91.8	0	ELST20
ELWS10	Eastern Power Networks	0.96	333.4	331.2	0	ELST20 / WATS20
GREN10	Eastern Power Networks	0.96	111.7	111.7	5.7	GREN40_EME
MILH10	Eastern Power Networks	0.96	237.9	237.9	0	MILH2A_EPN / MILH2B_EPN
NORW10	Eastern Power Networks	0.96	681.2	645.8	29	NORW40
PEWY10	Eastern Power Networks	0.96	522.6	522.6	0	WYMO40 / PELH40
SUND10	Eastern Power Networks	0.96	590.8	590.8	19.8	SUND40
TILB11	Eastern Power Networks	0.96	50.3	47.5	5	TILB20
TILB12	Eastern Power Networks	0.96	64.8	64.7	4	TILB20
TILB13	Eastern Power Networks	0.96	64.8	64.7	4	TILB20
TILB14	Eastern Power Networks	0.96	50.3	47.5	5	TILB20
TOTT10	Eastern Power Networks	0.96	322.2	315.7	28.9	TOTE20 / TOTW20
WALP10	Eastern Power Networks	0.96	614.7	584.3	82.5	WALP40_EME
WARL10	Eastern Power Networks	0.96	263.4	260.5	12	WARL20
WATS12	Eastern Power Networks	0.96	203.9	203.4	0	WATS20
WISD10	Eastern Power Networks	0.96	46.3	46.3	0	WISD20_EME
WTHU60	Eastern Power Networks	0.96	40.9	40.3	0	WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	0.97	157.6	157.6	0	BARK20_LPN
BARW30	EDF (Formerly LPN)	0.94	165.5	172	0	BARK20_EPN
BEDD10	EDF (Formerly LPN)	0.96	153.8	141.4	0	BEDD20_SPN
BRIM10	EDF (Formerly LPN)	0.95	14.2	144.2	0	BRIM2A_LPN / BRIM2B_LPN / BRIM2C_LPN
CITR10	EDF (Formerly LPN)	0.96	869.1	769.7	7.2	CITR42
HACK10	EDF (Formerly LPN)	0.96	0	0	0	HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	0.97	170.1	165	0	HACK2A /HACK2B
HURS10	EDF (Formerly LPN)	0.96	313.9	308.5	0	HURS20
LITT10	EDF (Formerly LPN)	0.96	191.7	191.7	4.3	LITT40

LODR60	EDF (Formerly LPN)	0.96	430.4	424.5	0	SJOW20
MILH10	EDF (Formerly LPN)	0.92	24.2	24.2	0	MILH2A_EPN / MILH2B_EPN
NEWX10	EDF (Formerly LPN)	0.96	88.4	87.3	0	NEWX20
NEWX60	EDF (Formerly LPN)	0.96	472.4	472.4	0	NEWX20
REBR30	EDF (Formerly LPN)	0.98	110.2	110.1	0	REBR20
SJOW10	EDF (Formerly LPN)	0.96	772.9	736.7	4	SJOW40
WHAM10	EDF (Formerly LPN)	0.96	612.7	600.4	4	WHAM40
WIGP10	EDF (Formerly LPN)	0.96	610.4	604.2	0	WIMB20
WIMB14	EDF (Formerly LPN)	0.96	154.7	151.7	0	WIMB20
WISD10	EDF (Formerly LPN)	0.96	218.9	213.1	0	WISD20_LPN
WISD60	EDF (Formerly LPN)	0.96	136.8	136.8	0	WISD20_LPN
WBUR10	EdF Energy	0.87	60	9	0	Station Load
SFEM50	Exxon Mobil	1	21.4	21.4	0	SFEM10
SEFI10	Fellside Heat and Power	1	43	43	0	Station Load
DINO40	First Hydro	1	1650	0	0	Station Load
FFES21	First Hydro	1	150	0	0	Station Load
FFES22	First Hydro	1	150	0	0	Station Load
BAGB20	GE Energy	0.95	27	27	530	Station Load
HUMR40	Immingham CHP	1	0	0	0	
GRMO30	Ineos (Innovene) Grangemouth	0.98	74.8	74.8	0	GRMO20
RUGE10	International Power	0.8	30	4	0	RUGE40
CULJ31	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ32	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ33	J E T	0.95	0.1	0.1	0	CULJ4A
HARE30	MOD	0.8	13	14	0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.88	61.7	61.7	0	GRAI40
SFEG10	National Grid	0.97	50	50	0	SFEG10
BARK10	Network Rail	0.85	0	0	0	
BARK40	Network Rail	1	6	6	0	
BERW10	Network Rail	1	3	2	0	BERW1Q / BERW1R
CATY1A	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
CATY1B	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
DEVM10	Network Rail	1	2	1	0	DEVM10
ECCF1A	Network Rail	1	2	2	0	
ECCF1B	Network Rail	1	2	2	0	
ELST4A	Network Rail	1	13	13	0	ELST20
ELST4B	Network Rail	1	13	13	0	ELST20

ELVA20	Network Rail	1	4	1	0	
HARK40	Network Rail	1	4	1	0	HARK20
INWI1A	Network Rail	1	3	3	0	
INWI1B	Network Rail	1	3	3	0	
LEIB4A	Network Rail	1	3.5	3	0	LEIB4B
LEIB4B	Network Rail	1	3.5	3	0	LEIB4B
PAFB4A	Network Rail	1	7.5	6	0	PAFB4B
PAFB4B	Network Rail	1	7.5	6	0	PAFB4B
POOB2A	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POOB2B	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POPP20	Network Rail	1	4	0	0	POPP20
RUGE40	Network Rail	1	10	9	0	RUGE40
SACO1A	Network Rail	1	2	2	0	SACO1Q / SACO1R
SACO1B	Network Rail	1	2	2	0	SACO1Q / SACO1R
SANX1A	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SANX1B	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SELL30	Network Rail	0.99	12	12	0	SELL40
SING40	Network Rail	0.99	22	10	0	SING40
STLE10	Network Rail	1	5	4	0	STLE10
WISH20	Network Rail	1	6	6	0	WISH20
WYMO40	Network Rail	1	14	11	0	WYMO40
ALCA1A	Northern Electric	0.9	118.7	-7	0	BLYT20
ALCA1B	Northern Electric	0.9	118.7	-7	0	BLYT20
BLYT60	Northern Electric	0.99	189	189	6	BLYT20
FERR11	Northern Electric	0.97	92.5	91.2	0	FERR20_NED
FERR12	Northern Electric	0.97	92.5	91.2	0	FERR20_NED
FOUR70	Northern Electric	1	17	14	0	FOUR20
HARM60	Northern Electric	0.98	102	99	3	HARM20
HAWP60	Northern Electric	0.98	118	118	3	HAWP20
KNAR10	Northern Electric	0.97	0	0	0	KNAR20
LACK60	Northern Electric	0.99	245	216	0	LACK20
NORT11	Northern Electric	0.96	260.2	254.3	12	NORT20
NORT12	Northern Electric	0.96	260.2	254.3	12	NORT20
OFFE30	Northern Electric	0.96	70	69	0	OFFE20
OSBA10	Northern Electric	0.98	273	267	2	OSBA40
POPP30	Northern Electric	0.98	51	50	0	POPP20
SALH10	Northern Electric	0.9	134	-52	117	SALH20
SPEN10	Northern Electric	0.96	267	267	7	SPEN20
SSHI30	Northern Electric	0.97	51	49	0	SSHI20
STEN11	Northern Electric	0.97	113.8	112.7	2	STEW20

STEN12	Northern Electric	0.97	113.8	112.7	2	STEW20
STES10	Northern Electric	0.97	265	262	7	STEW20
TYNE10	Northern Electric	0.99	225	224	1	TYNE20
WBOL60	Northern Electric	1	281	281	0	WBOL20
BRED10	NORWEB (UU)	0.95	345.6	345.6	0	BRED20
CARR10	NORWEB (UU)	0.95	266.8	266.8	20	CARR20
HARK11	NORWEB (UU)	0.93	83.6	83.6	224	HARK20
HARK12	NORWEB (UU)	0.92	59.8	59.8	134	HARK20
HEYS10	NORWEB (UU)	0.72	-195.1	-195.1	316	HEYS40
HUTT10	NORWEB (UU)	0.96	235.9	235.9	34	HUTT40
KEAR11	NORWEB (UU)	0.96	334.9	334.9	0	KEAR20
KEAR12	NORWEB (UU)	0.95	249.5	249.5	0	KEAR20
KEAR30	NORWEB (UU)	0.97	125.2	125.2	8	KEAR20
MACC30	NORWEB (UU)	0.95	83.4	83.4	9	MACC20
PADI10	NORWEB (UU)	0.94	219.6	219.6	0	PADI40
PENE11	NORWEB (UU)	0.96	167.8	167.8	0	PEWO40
PENE12	NORWEB (UU)	0.96	97.2	97.2	0	PEWO40
PENW11	NORWEB (UU)	0.96	98.7	98.7	6	PEWO20
PENW12	NORWEB (UU)	0.97	89	89	0	PEWO20
RAIN10	NORWEB (UU)	0.96	88.7	88.7	0	RAIN20
ROCH11	NORWEB (UU)	0.96	246	246	9	ROCH20
ROCH12	NORWEB (UU)	0.72	-34.2	-34.2	60	ROCH20
SMAN10	NORWEB (UU)	0.96	334.5	334.5	19	SMAN20
STAH10	NORWEB (UU)	0.93	344	254	12	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.94	423.5	423.5	0	STAL20
WASF1A	NORWEB (UU)	0.94	176.9	176.9	4	WASF2A
WASF1B	NORWEB (UU)	0.95	100.1	100.1	4	WASF2B
WHGA10	NORWEB (UU)	0.97	312	312	4	WHGA20
CHAP10	Nuclear Decommissi oning Authority	0.89	1.4	1.2	0	CHAP10
DUNG20	Nuclear Decommissi oning Authority	0.89	4	4	0	Station Load
HINP20	Nuclear Decommissi oning Authority	0.89	2	2	0	Station Load
OLDS11	Nuclear Decommissi oning Authority	0.85	5	5	0	Station Load
SIZE10	Nuclear Decommissi oning Authority	0.89	4	4	0	SIZE40

TRAW20	Nuclear Decommissioning Authority	0.89	1	1	0	TRAW20
WYLF10	Nuclear Decommissioning Authority	0.9	99	75	0	Station Load
ABTH11	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
BLYT60	RWE Npower plc (Innogy)	0.85	0	0	0	BLYT20
DRAY10	RWE Npower plc (Innogy)	0.85	50	15	0	
FAWL40	RWE Npower plc (Innogy)	0.65	20	3	0	FAWL40
LITT10	RWE Npower plc (Innogy)	0.88	23	4	0	LITT40
TILB11	RWE Npower plc (Innogy)	0.85	22	4	0	TILB20
SAES20	Saltend	0.96	100	100	0	SAES20
BEDD10	SEEBOARD Power Networks	0.96	575	573	0	
BOLN11	SEEBOARD Power Networks	0.96	479.2	479.2	0	BOLN40
BOLN12	SEEBOARD Power Networks	0.96	479.2	479.2	0	BOLN40
CHSI10	SEEBOARD Power Networks	0.96	219.1	218.2	0	CHSI20
CHSI1A	SEEBOARD Power Networks	0.96	78.5	77.6	0	CHSI20
CHSI1B	SEEBOARD Power Networks	0.96	78.5	77.6	0	CHSI20
CSEK40	SEEBOARD Power Networks	0.96	867.3	859.6	123	CSEK40
KEMS13	SEEBOARD Power Networks	0.96	72.4	0	0	KEMS40
KINO10	SEEBOARD Power Networks	0.96	228	229.1	0	KINO40
LALE10	SEEBOARD Power Networks	0.96	78.8	78.6	0	LALE20_SPN
LITT10	SEEBOARD Power Networks	0.96	3	3	0	LITT40
NFLE10	SEEBOARD Power Networks	0.96	441.1	437	43.7	NFLE40
NINF10	SEEBOARD Power Networks	0.96	465.9	465.9	0	NINF40

WWEY10	SEEBOARD Power Networks	0.96	400.3	400	0	WWEY20
GRST60	Sembcorp (Formerly ICI)	0.86	204	40	120	Station Load
MOSM50	SHELL	1	23.5	23.5	0	MOSM10
ABNE30	SHEPD	0.98	48.7	48.1	3	ABNE10
ALNE30	SHEPD	0.99	30.2	23.3	0	ALNE1Q / ALNE1R
ARBR30	SHEPD	0.98	38.7	38.4	0	ARBR1Q / ARBR1R
ARMO30	SHEPD	0.95	29.8	24.7	1	ARMO10
BEAU30	SHEPD	0.98	45.5	38.7	3	BEAU10
BOAG30	SHEPD	0.98	35.7	22.5	2	BOAG1Q / BOAG1R
BRAC30	SHEPD	0.98	44.7	43	2	BRAC1Q / BRAC1R
BRID30	SHEPD	0.98	40.7	40.2	0	BRID1Q / BRID1R
BROA30	SHEPD	0.98	11.7	9.7	1	BROA1Q
BROR30	SHEPD	0.99	11.9	9.1	0	BROR10
BUMU30	SHEPD	0.98	57.7	51.7	1	BUMU10
CAAD30	SHEPD	1	27.1	17.9	1	CAAD1Q / CAAD1R
CASS50	SHEPD	0.99	2.3	1.6	0	CASS1Q
CEAN50	SHEPD	0.95	4.6	2.1	0	CEAN1Q
CHAR30	SHEPD	0.98	31.6	31.4	0	CHAR10
CLAC30	SHEPD	0.94	-4.9	-4.4	8	CLAC1Q
CLAY30	SHEPD	0.97	59.4	54.8	0	CLAY1Q / CLAY1R
COUA30	SHEPD	0.97	30	25.7	0	COUA10
CRAI30	SHEPD	0.99	32.2	31.6	0	CRAI10
DOUN50	SHEPD	0.99	8.2	6.2	0	DOUN10
DUBE30	SHEPD	1	14.7	12.5	0	DUBE1Q
DUDH30	SHEPD	0.97	37	34.4	0	DUDH1Q / DUDH1R
DUGR30	SHEPD	0.98	8.7	6.9	2	DUGR1Q
DUNO30	SHEPD	0.97	22.2	18.2	5	DUNO1Q / DUNO1R
DYCE30	SHEPD	0.96	51.9	43.8	4	DYCE1Q / DYCE1R
ELGI30	SHEPD	0.97	57.8	57.5	0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.97	-0.2	0.9	1	FASN10
FAUG30	SHEPD	0.96	1.4	0.8	1	FAUG10
FIDD30	SHEPD	0.98	24.3	24.3	0	FIDD1Q
FRAS30	SHEPD	0.95	24.2	21.6	0	FRAS1Q / FRAS1R
FWIL30	SHEPD	0.98	67.5	40.1	5	FWIL1Q / FWIL1R
GLAG30	SHEPD	0.98	31.2	24.1	2	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.92	3.7	3.8	4	GRUB1Q / GRUB1R
INNE30	SHEPD	0.97	78.4	79.5	4	INNE1Q / INNE1R
KEIT30	SHEPD	1	0	0	0	KEIT10

KEMD30	SHEPD	0.98	94.9	89	0	
KIIN30	SHEPD	0.94	-1.5	-2.7	0	KIIN10
KILO30	SHEPD	0.98	3.3	2.8	0	KILO10
KINT30	SHEPD	0.98	73.8	73.8	0	KINT10
LAIR50	SHEPD	0.53	0.7	0.3	2	LAIR1Q
LUNA30	SHEPD	0.99	72.5	68.7	1	LUNA1Q / LUNA1R
LYND30	SHEPD	0.99	31.7	31.5	0	LYND1Q / LYND1R
MACD30	SHEPD	1	0	0	0	MACD1Q
MILC30	SHEPD	0.99	66.1	65.5	7	MILC10
MYBS30	SHEPD	0.95	9.5	7.9	0	MYBS1Q / MYBS1R
NAIR30	SHEPD	0.96	40.6	35.1	0	NAIR10
PEHG30	SHEPD	0.97	29	23.2	0	PEHG1Q / PEHG1R
PEHS50	SHEPD	0.99	10.2	7.1	0	PEHE10
PERS30	SHEPD	0.98	51	49.6	3	PERS10
PORA30	SHEPD	0.98	16	11.4	5	PORA1Q / PORA1R
RANN30	SHEPD	0.97	-1	1.2	3	RANN1Q / RANN1R
REDM30	SHEPD	0.97	51.4	50.6	0	REDM1Q / REDM1R
SFEG50	SHEPD	0.97	15.8	14.5	0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.95	-4	1.3	5	SFIL1Q
SHIN50	SHEPD	0.74	1.2	0.3	0	SHIN10
SLOY11	SHEPD	0.99	3.3	2.7	0	SLOY10
STLE30	SHEPD	0.88	14	9.1	2	STLE10
STRI30	SHEPD	0.98	19	16.5	0	STRI1Q / STRI1R
TARL30	SHEPD	0.97	20.1	14.7	0	TARL1Q / TARL1R
TAYN30	SHEPD	0.97	30.5	23.2	11	TAYN1Q / TAYN1R
THSO30	SHEPD	1	41.9	38.9	12	THSO1Q / THSO1R
TUMB30	SHEPD	0.98	16.2	14.1	1	TUMB1Q / TUMB1R
WIOW30	SHEPD	0.98	47.8	46.4	0	WIOW1Q / WIOW1R
WOHI30	SHEPD	0.98	44.8	44.8	0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	0.98	62.7	62.7	0	AMEM4A_SEP / AMEM4B_SEP
AXMI10	Southern Electric	0.96	120.8	120.8	3	AXMI40_SEP
BOTW10	Southern Electric	0.97	178.6	185.2	2	BOTW40
BRFL40	Southern Electric	0.94	1363.2	1363.2	76	BRFL40
BRLE13	Southern Electric	0.93	103.8	103.8	3	BRLE40
BRLE14	Southern Electric	0.93	103.8	103.8	3	BRLE40
CHIC10	Southern Electric	0.95	104.4	104.4	47	CHIC40
COWL10	Southern Electric	0.96	750.2	750.2	4	COWL40
EALI60	Southern Electric	0.92	241	241	2	EALI20
FAWL10	Southern Electric	0.89	331.6	331.6	125	FAWL40

IVER10	Southern Electric	0.97	444.3	442.7	20	IVER20
IVER60	Southern Electric	0.86	134.1	134.1	4	IVER20
LALE10	Southern Electric	0.9	215.6	215.6	16	LALE20_SEP
LOVE10	Southern Electric	0.96	670.1	670.1	17.6	LOVE40
MANN10	Southern Electric	0.98	727.8	727.8	7	MANN40
MELK10	Southern Electric	0.95	396.5	413.8	11	MELK40_SEP
MITY10	Southern Electric	0.97	351.9	351.9	3.9	MITY40
NHYD60	Southern Electric	0.95	201.1	201.1	0	NHYD2A / NHYD2B
NURS10	Southern Electric	0.97	432.2	432.2	5	NURS40
TYNE50	Southern Electric	0.95	5.8	5.8	0	TYNE20
WISD60	Southern Electric	0.94	130.3	130.3	0	WISD20_EPN
AYR20	SP Distribution	0.97	65.8	63.3	0	AYRR2Q / AYRR2R
BRAE1	SP Distribution	0.96	40	37.1	0	BRAP10
GRMO3	SP Distribution	0.98	40.9	34.4	4	GRMO20
HAGR3	SP Distribution	0.97	54.3	45.1	0	HAGR1Q / HAGR1R
PAIS3	SP Distribution	0.98	42.9	31.6	0	PAIS1S / PAIS1T
BAGA10	SP Distribution	0.98	66.2	64	0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	0.97	41.2	39.3	0	BAIN10
BERW10	SP Distribution	0.81	34.6	23.3	0	BERW1Q / BERW1R
BONN20	SP Distribution	0.94	70.1	72.6	0	BONN20
BROX10	SP Distribution	0.97	59.5	54.9	0	BROX1Q / BROX1R
CAFA10	SP Distribution	1	0.3	-7.2	5	CAFA1Q
CATY10	SP Distribution	0.97	53.6	51.6	0	CATY1Q / CATY1R
CHAP10	SP Distribution	0.94	46.5	47	0	CHAP10
CHAS20	SP Distribution	0.96	90.1	58	0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	0.98	88.1	74.7	7	CLYM20
COAT30	SP Distribution	0.98	73.6	70.3	0	COAT2Q / COAT2R
COCK30	SP Distribution	0.98	47.8	46.2	0	COCK20
COYL10	SP Distribution	0.93	50.3	40.9	10	COYL10
CROO31	SP Distribution	0.99	52.2	48.9	0	CROO1Q / CROO1R
CROO32	SP Distribution	0.99	28.4	19	0	CROO1Q / CROO1R
CUMB10	SP Distribution	0.98	54	48.6	9	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.96	68.6	66.5	0	CUPA1Q / CUPA1R
CURR20	SP Distribution	0.98	13	12.3	0	CURR10
DEVM10	SP Distribution	0.98	55.2	35.3	0	DEVM10
DEVO10	SP Distribution	0.95	64.2	54.1	0	DEVO10
DEWP30	SP Distribution	0.97	103.4	97.1	0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.99	17.6	7	0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	0.99	79.9	76	0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	0.91	47.6	41.2	0	DUMF10

DUMF32	SP Distribution	0.9	11.1	7.4	0	DUMF10
DUMF50	SP Distribution	0.99	17.9	16.6	0	DUMF10
DUNB30	SP Distribution	0.92	40.1	31	0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	0.98	41	32.3	1	DUNF1Q / DUNF1R
EAST50	SP Distribution	-1	0.9	-7.8	5	EAST1Q
ECCL30	SP Distribution	1	55.5	32.9	0	ECCL10
EERH30	SP Distribution	0.97	105.2	101.7	0	EERH20
EKIL30	SP Distribution	0.97	76.3	73.6	0	EKIL2S / EKIL2T
EKIS30	SP Distribution	0.96	38.4	33.2	4	EKIS20
ELDE10	SP Distribution	0.98	47.5	45.9	0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	0.98	25.1	23.9	0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.92	47.8	37.9	8	GALA10
GIFF30	SP Distribution	0.98	81.6	70.7	0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1	2.5	-11.8	14	GLLE10
GLLU30	SP Distribution	0.91	27.8	14.2	5	GLLU1Q / GLLU1R
GLNI30	SP Distribution	0.98	26.4	19	0	GLNI10
GLRO30	SP Distribution	0.96	45.2	43.7	0	GLRO20
GORG30	SP Distribution	0.97	37.4	32.5	0	GORG1Q / GORG1R
GOVA30	SP Distribution	0.97	42.3	30.3	0	GOVA1Q / GOVA1R
GRMO30	SP Distribution	0.98	38.3	32.8	0	GRMO20
HAWI30	SP Distribution	0.98	27.9	26.9	0	HAWI10
HELE30	SP Distribution	0.99	22.5	11	0	HELE10
HUNF30	SP Distribution	0.62	7.6	3.7	0	HUNF1Q / HUNF1R
INKE30	SP Distribution	0.98	58.9	57	0	INKE1Q / INKE1R
JOHN30	SP Distribution	0.98	50.5	48.4	0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	0.98	96.9	92.1	5	KAIM20
KEOO50	SP Distribution	-1	0.4	-15.1	14	KEOO10
KIER30	SP Distribution	0.98	76.3	70.5	2	KIER1Q / KIER1R
KILB30	SP Distribution	0.97	35.3	23.4	0	KILB1Q / KILB1R
KILB50	SP Distribution	0.98	11.8	10.9	0	KILB1Q / KILB1R
KILS30	SP Distribution	0.98	38.1	33.7	1	KILS20
KILT30	SP Distribution	0.96	91.6	88.1	0	KILT2Q / KILT2R
KILW30	SP Distribution	0.96	51.5	22.1	16	KILW10
LEVE30	SP Distribution	0.97	43.3	41	0	LEVE1Q / LEVE1R
LING30	SP Distribution	0.97	72.3	64.7	0	LING1Q / LING1R
LINM30	SP Distribution	0.94	55	41.1	20	LINM20
MAYB30	SP Distribution	0.96	24.5	19.7	1	MAYB10
NEAR30	SP Distribution	0.98	85.7	83.5	4	NEAR20
NETS30	SP Distribution	0.89	12.3	10.3	0	NETS10
PART30	SP Distribution	0.98	50.2	46.3	0	PART1Q / PART1R

POOB30	SP Distribution	0.97	88.8	84.1	3	POOB2Q / POOB2R
PORD30	SP Distribution	0.98	85.8	76.3	0	PORD2Q / PORD2R
RAVE30	SP Distribution	1	23.5	8.9	0	RAVE2Q / RAVE2R
REDH30	SP Distribution	0.98	46.2	42.8	0	REDH10
SACO3A	SP Distribution	0.93	43.2	36.4	12	SACO1Q / SACO1R
SACO3B	SP Distribution	0.92	36.5	32.1	0	SACO1Q / SACO1R
SANX30	SP Distribution	0.97	57	53.6	0	SANX1Q / SANX1R
SHRU30	SP Distribution	0.98	73.8	42.3	0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	0.99	106.8	103.2	0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	0.98	44	38.7	0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.98	58	47.6	0	STHA20
STIR30	SP Distribution	0.97	79.1	68.7	0	STIR1S / STIR1T
STLE30	SP Distribution	0.98	65.6	63.5	0	STLE10
TELR30	SP Distribution	0.99	38.8	37.4	0	TELR1Q / TELR1R
TONG50	SP Distribution	0.93	28.3	23.9	0	TONG10
WFIE30	SP Distribution	0.93	39.9	27.5	8	WFIE10
WGEO30	SP Distribution	0.96	98.5	81.1	0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	0.98	68.4	60.6	0	WHHO2Q / WHHO2R
WISH10	SP Distribution	0.98	97.2	78.9	0	WISH20
COCK30	SP Generation	0.86	13	13	0	COCK20
BIRK10	SP MANWEB	0.99	283	283	30	BIRK20
CAPE10	SP MANWEB	0.96	251	245	71	CAPE20
CARR10	SP MANWEB	0.94	115	108	146	
CASK10	SP MANWEB	0.92	420	202	657	FROD40
CELL10	SP MANWEB	0.95	177	177	2	CELL40_SPM
CONQ10	SP MANWEB	0.93	262	272	65	DEES40
FIDF13	SP MANWEB	0.94	275	254	24	FIDF20
FROD10	SP MANWEB	0.96	81	81	22	FROD20
IMPP30	SP MANWEB	1	90	90	0	IMPP40
INCE10	SP MANWEB	0.97	107	74	44	FROD20
KIBY10	SP MANWEB	0.98	383	373	16	KIBY20
LEGA10	SP MANWEB	0.93	326	322	45	LEGA40
LISD10	SP MANWEB	1	331	331	7	LISD20
PENT10	SP MANWEB	0.99	168	168	12	PENT40
RAIN10	SP MANWEB	0.99	442	442	22	RAIN20
SHOT10	SP MANWEB	0.99	82	82	252	DEES40
SWAN11	SP MANWEB	0.91	23	16.1	16	SWAN20_SPM
SWAN12	SP MANWEB	0.91	27	18.9	18	SWAN20_SPM
TRAW10	SP MANWEB	1	82	71	39	TRAW20
WYLF10	SP MANWEB	0.98	58	63	4	WYLF40

FERR11	SSE Generation Ltd	0.85	23	4	0	Station Load
FERR12	SSE Generation Ltd	0.85	23	4	0	Station Load
ABTH11	SWALEC (Infralec)	0.98	102	98.9	1	ABTH20
ABTH12	SWALEC (Infralec)	0.98	102	98.9	1	ABTH20
ALST30	SWALEC (Infralec)	0.8	54	1.1	0	
CARE10	SWALEC (Infralec)	0.98	184.5	178.9	1	CARE20
GRAN60	SWALEC (Infralec)	0.67	113.2	2.8	5	MAGA20
PEMB10	SWALEC (Infralec)	0.95	196.9	196.7	0	PEMB40
PYLE10	SWALEC (Infralec)	0.96	153.9	116.8	14	PYLE20
RASS10	SWALEC (Infralec)	0.97	225.6	225.6	5	RASS40
SWAN11	SWALEC (Infralec)	0.99	236.2	228.8	14	SWAN20_SWA
SWAN12	SWALEC (Infralec)	0.99	277.2	268.6	16	SWAN20_SWA
UPPB10	SWALEC (Infralec)	0.97	166.9	151.3	2	UPPB20
UPPB30	SWALEC (Infralec)	0.97	102.7	85.4	1	UPPB20
USKM10	SWALEC (Infralec)	0.92	265	254	6	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	0.95	22	22	0	MEAD10
ABHA11	WPD(formerly SWEB)	1	100.8	98.4	0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1	145.1	141.6	0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	-1	208	203	0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	0.97	108.1	105	0	AXMI40_SWEB
BRWA10	WPD(formerly SWEB)	0.96	235	229	0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1	308	300	0	EXET40
INDQ10	WPD(formerly SWEB)	1	431	420	0	INDQ40
IROA11	WPD(formerly SWEB)	0.98	186.6	182.2	0	IROA20_SWEB
IROA12	WPD(formerly SWEB)	0.98	233.4	227.8	0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1	259	253	0	LAND40
MELK10	WPD(formerly SWEB)	0.98	93	91	0	MELK40_SWEB
SEAB11	WPD(formerly SWEB)	0.96	283	276	0	SEAB40
TAUN10	WPD(formerly SWEB)	0.99	127	124	0	TAUN4B
BRAW11	Yorkshire Electricity	1	229	229	0	BRAW20
BRAW12	Yorkshire Electricity	1	264	264	3	BRAW20
CAML60	Yorkshire Electricity	0.96	26	25	0	DRAX40
CREB11	Yorkshire Electricity	0.94	214	215	4	CREB40
CREB12	Yorkshire Electricity	0.97	268	268	25	CREB40
DRAX11	Yorkshire Electricity	0.85	25.9	21.4	0	DRAX40
DRAX12	Yorkshire Electricity	0.85	25.9	21.4	0	DRAX40
ELLA11	Yorkshire Electricity	0.94	192	170	50	ELLA20
ELLA12	Yorkshire Electricity	0.94	189	167	5	ELLA20

FERR11	Yorkshire Electricity	0.94	245.5	240.2	59	FERR20_YED / FERR2A_YED / FERR2B_YED
FERR12	Yorkshire Electricity	0.94	248.5	243.2	0	FERR20_YED
FERR60	Yorkshire Electricity	0.97	96	95	3	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.95	164	146	36	GRIW40
JORD30	Yorkshire Electricity	0.98	73	70	0	JORD20
KEAD10	Yorkshire Electricity	0.71	417	331	28	KEAD40
KIRK10	Yorkshire Electricity	0.95	300	295	4	KIRK20
NEEP30	Yorkshire Electricity	0.95	87	87	0	NEEP20
NORL30	Yorkshire Electricity	0.99	72	71	0	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.93	61	52	0	PITS20
PITS32	Yorkshire Electricity	0.81	45	6	0	PITS20
SAEN10	Yorkshire Electricity	0.99	111	94	3	SAEN20
SHEC30	Yorkshire Electricity	0.96	90	83	0	SHEC20
SKLG10	Yorkshire Electricity	0.96	640	632	19	SKLG20
THOM60	Yorkshire Electricity	0.95	142.4	138.5	5	THOM20
THUR60	Yorkshire Electricity	0.96	183	183	1	THUR20
WIBA30	Yorkshire Electricity	0.88	36	32	1	WIBA20
WMEL11	Yorkshire Electricity	0.95	142.4	138.5	10	WMEL20
WMEL12	Yorkshire Electricity	0.95	142.4	138.5	1	WMEL20
WMEL13	Yorkshire Electricity	1	363	360	4.1	WMEL20

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Table E.1.2 - GSP Winter peak Demand (MW), Generation (MW) and Power Factor, 2010/11

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1	325	325	0	BLYT20
WYLF10	Anglesey Aluminium	0.98	263	263	0	Station Load
TEMP30	BOC	0.98	10	8	0	TEMP20
DUNG20	British Energy	0.79	14	14	0	Station Load
EGGB41	British Energy	0.9	40	17	0	Station Load
HEYS10	British Energy	0.79	115	61	0	Station Load
HINP21	British Energy	0.76	47.5	12	0	Station Load
HINP22	British Energy	0.76	47.5	12	0	Station Load
SIZE40	British Energy	0.8	4	4	0	Station Load
TREM30	Celsa	0.85	95	0	0	TREM20
BESW10	Central Networks East (EMEB)	0.97	398.1	398.1	2	BESW20
BICF10	Central Networks East (EMEB)	0.96	189.4	180	58	BICF4A /BICF4B
CHTE10	Central Networks East (EMEB)	0.95	588	561.1	10.6	CHTE20
COVE10	Central Networks East (EMEB)	0.93	578.1	578.1	10	COVE20
DRAK10	Central Networks East (EMEB)	0.95	201.2	201.2	2	DRAK20
ECLA10	Central Networks East (EMEB)	0.9	397.3	397.3	3	ECLA40_EME
ENDE10	Central Networks East (EMEB)	0.95	535.6	530.4	4	ENDE40
GREN10	Central Networks East (EMEB)	0.93	722.3	722.3	27.6	GREN40_EME
HAMH12	Central Networks East (EMEB)	0.96	0	0	0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	0.96	132.1	132.1	1	HAMH40_EME
RATS10	Central Networks East (EMEB)	0.94	686.3	669.5	3	RATS40
SBAR40	Central Networks East (EMEB)	0.96	0	0	0	SBAR40

STYC10	Central Networks East (EMEB)	0.93	186	186	2	STAY40
WALP10	Central Networks East (EMEB)	0.89	273.5	258.2	2	WALP40_EME
WBUR10	Central Networks East (EMEB)	0.95	285.5	284.8	4	WBUR40
WILL10	Central Networks East (EMEB)	0.96	614	608.7	2	WILE20
BISW10	Central Networks West (Aquila)	0.97	483.6	477.2	0	BISW20
BUSH10	Central Networks West (Aquila)	0.96	168.9	159	5	BUSH20
BUST10	Central Networks West (Aquila)	0.96	381.7	381.4	0	BUST20
CELL10	Central Networks West (Aquila)	0.88	475.8	475.8	50.8	CELL40_AQUL
ECLA10	Central Networks West (Aquila)	0.98	73.7	73.1	0.8	ECLA40_EME
FECK60	Central Networks West (Aquila)	0.87	347.5	307.2	0	FECK20
GLOU10	Central Networks West (Aquila)	0.95	671.7	671.7	8.5	WALH40
HAMH11	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
IROA11	Central Networks West (Aquila)	0.96	100.7	100.7	0	IROA20_AQUIL
IRSH40	Central Networks West (Aquila)	0.94	340.2	340.2	0	IRSH40
KITW10	Central Networks West (Aquila)	0.96	438.8	438.8	0	KITW20
LEAM10	Central Networks West (Aquila)	0.94	285.7	285.7	0	HAMH40_AQUL
NECH10	Central Networks West (Aquila)	0.89	416.4	385.6	25.2	NECH20
OCKH10	Central Networks West (Aquila)	0.96	126.5	110.2	0	OCKH20
OLDB10	Central Networks West (Aquila)	0.97	100.5	100.7	0	OLDB20
PENN10	Central Networks West (Aquila)	0.94	319.2	319.2	0	PENN20
RUGE10	Central Networks West (Aquila)	0.96	252.5	252.5	0	RUGE40
WIEN10	Central Networks West (Aquila)	0.94	212.8	198.2	0	WIEN2A /WIEN2B
GREN10	Corby Power Ltd	1	0	0	0	GREN40_EME

ALDW31	CORUS	0.75	36	36	0	ALDW20
ALDW32	CORUS	0.82	160	88	0	ALDW20
GRT060	CORUS	0.8	8	8	0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5	3	0	RAVE2Q /RAVE2R
STSB60	CORUS	0.92	70	0	0	STSB40
TEMP30	CORUS	0.75	12	7	0	TEMP20
TINP32	CORUS	0.7	59	49	0	TINP2A /TINP2B
TODP60	CORUS	0.8	10	1	88	TODP20
WHSO31	CORUS	0.91	48.2	28.6	0	WHSO20
WHSO32	CORUS	0.91	48.2	28.6	0	WHSO20
WILL10	Derwent	1	0	0	0	Station Load
DRAX11	Drax Power Limited	0.9	17	17	0	Station Load
DRAX12	Drax Power Limited	0.9	75	75	0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.34	40	8	0	Station Load
DEES4	E.ON (UK) plc (Powergen)	1	25	0	0	
GRAI40	E.ON (UK) plc (Powergen)	0.83	31	6	18	Station Load
IRON10	E.ON (UK) plc (Powergen)	0.77	50	6	0	Station Load
KINO10	E.ON (UK) plc (Powergen)	0.8	40	10	0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.77	43	13	0	Station Load
AMEM10	Eastern Power Networks	0.96	69.9	59.1	0	AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	0.97	91.1	91.1	0	BARK20_EPN
BARW30	Eastern Power Networks	0.94	80.7	78.1	0	BARK20_EPN
BRFO10	Eastern Power Networks	0.96	799.6	799.5	265	BRFO40
BRIM10	Eastern Power Networks	0.95	274.9	270.2	0	BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.95	802.1	802.1	0	RAYL40 / BRAI4A
BURW10	Eastern Power Networks	0.96	332.2	332.1	0	BURW40
EASO10	Eastern Power Networks	0.96	173	173	7.5	EASO40
ELRH10	Eastern Power Networks	0.96	530	530	0	ELST20 / RYEH40 / RYEH4A

ELST10	Eastern Power Networks	0.96	104.8	94.5	0	ELST20
ELWS10	Eastern Power Networks	0.96	337.4	335.2	0	ELST20 / WATS20
GREN10	Eastern Power Networks	0.96	146.1	146.1	5.7	GREN40_EME
MILH10	Eastern Power Networks	0.96	244.8	244.8	0	MILH2A_EPN / MILH2B_EPN
NORW10	Eastern Power Networks	0.96	686.5	651.1	29	NORW40
PEWY10	Eastern Power Networks	0.96	534.6	534.5	0	WYMO40 / PELH40
SUND10	Eastern Power Networks	0.96	501.6	501.6	19.8	SUND40
TILB11	Eastern Power Networks	0.96	51.2	48.3	5	TILB20
TILB12	Eastern Power Networks	0.96	67	66.9	4	TILB20
TILB13	Eastern Power Networks	0.96	67	66.9	4	TILB20
TILB14	Eastern Power Networks	0.96	51.2	48.3	5	TILB20
TOTT10	Eastern Power Networks	0.96	323.9	317.4	28.9	TOTE20 / TOTW20
WALP10	Eastern Power Networks	0.96	626.4	596	82.5	WALP40_EME
WARL10	Eastern Power Networks	0.96	262.8	259.9	12	WARL20
WATS12	Eastern Power Networks	0.96	221.4	221	0	WATS20
WISD10	Eastern Power Networks	0.96	51.6	51.6	0	WISD20_EME
WTHU60	Eastern Power Networks	0.96	41.6	41	0	WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	0.97	150.4	150.4	0	BARK20_LPN
BARW30	EDF (Formerly LPN)	0.94	177.4	183.9	0	BARK20_EPN
BEDD10	EDF (Formerly LPN)	0.96	155.5	143.1	0	BEDD20_SPN
BRIM10	EDF (Formerly LPN)	0.95	146.9	146.9	0	BRIM2A_LPN / BRIM2B_LPN / BRIM2C_LPN
CITR10	EDF (Formerly LPN)	0.96	999.3	899.9	7.2	CITR42
HACK10	EDF (Formerly LPN)	0.96	187	187	0	HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	0.97	171.9	166.8	0	HACK2A /HACK2B
HURS10	EDF (Formerly LPN)	0.96	333	327.5	0	HURS20
LITT10	EDF (Formerly LPN)	0.96	177.9	177.9	4.3	LITT40

LODR60	EDF (Formerly LPN)	0.96	427	421.1	0	SJOW20
MILH10	EDF (Formerly LPN)	0.92	24.2	24.2	0	MILH2A_EPN / MILH2B_EPN
NEWX10	EDF (Formerly LPN)	0.96	207.7	206.6	0	NEWX20
NEWX60	EDF (Formerly LPN)	0.96	287.6	287.6	0	NEWX20
REBR30	EDF (Formerly LPN)	0.98	112.7	112.7	0	REBR20
SJOW10	EDF (Formerly LPN)	0.96	773.2	737	4	SJOW40
WHAM10	EDF (Formerly LPN)	0.96	459.8	447.5	4	WHAM40
WIGP10	EDF (Formerly LPN)	0.96	635.1	628.9	0	WIMB20
WIMB14	EDF (Formerly LPN)	0.96	155.7	152.7	0	WIMB21
WISD10	EDF (Formerly LPN)	0.96	215.4	209.6	0	WISD20_LPN
WISD60	EDF (Formerly LPN)	0.96	139.8	139.8	0	WISD20_LPN
WBUR10	EdF Energy	0.87	60	9	0	Station Load
SFEM50	Exxon Mobil	1	21.4	21.4	0	SFEM10
SEFI10	Fellside Heat and Power	1	43	43	0	Station Load
DINO40	First Hydro	1	1650	0	0	Station Load
FFES21	First Hydro	1	150	0	0	Station Load
FFES22	First Hydro	1	150	0	0	Station Load
BAGB20	GE Energy	0.95	27	27	530	Station Load
HUMR40	Immingham CHP	1	0	0	0	
GRMO30	Ineos (Innovene) Grangemouth	0.98	74.8	74.8	0	GRMO20
RUGE10	International Power	0.8	30	4	0	RUGE40
CULJ31	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ32	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ33	J E T	0.95	0.1	0.1	0	CULJ4A
HARE30	MOD	0.8	14	15	0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.88	88	88	0	GRAI40
SFEG10	National Grid	0.97	50	50	0	SFEG10
BARK10	Network Rail	0.85	0	0	0	
BARK40	Network Rail	1	6	6	0	
BERW10	Network Rail	1	3	2	0	BERW1Q / BERW1R
CATY1A	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
CATY1B	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
DEVM10	Network Rail	1	2	1	0	DEVM10
ECCF1A	Network Rail	1	2	2	0	
ECCF1B	Network Rail	1	2	2	0	
ELST4A	Network Rail	1	13	13	0	ELST20
ELST4B	Network Rail	1	13	13	0	ELST20

ELVA20	Network Rail	1	4	1	0	
HARK40	Network Rail	1	4	1	0	HARK20
INWI1A	Network Rail	1	3	3	0	
INWI1B	Network Rail	1	3	3	0	
LEIB4A	Network Rail	1	3.5	3	0	LEIB4B
LEIB4B	Network Rail	1	3.5	3	0	LEIB4B
PAFB4A	Network Rail	1	7.5	6	0	PAFB4B
PAFB4B	Network Rail	1	7.5	6	0	PAFB4B
POOB2A	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POOB2B	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POPP20	Network Rail	1	4	0	0	POPP20
RUGE40	Network Rail	1	10	9	0	RUGE40
SACO1A	Network Rail	1	2	2	0	SACO1Q / SACO1R
SACO1B	Network Rail	1	2	2	0	SACO1Q / SACO1R
SANX1A	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SANX1B	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SELL30	Network Rail	0.99	37	37	0	SELL40
SING40	Network Rail	0.99	37	21	0	SING40
STLE10	Network Rail	1	5	4	0	STLE10
WISH20	Network Rail	1	6	6	0	WISH20
WYMO40	Network Rail	1	14	11	0	WYMO40
ALCA1A	Northern Electric	0.9	119	-7	0	BLYT20
ALCA1B	Northern Electric	0.9	119	-7	0	BLYT20
BLYT60	Northern Electric	0.99	194	194	6	BLYT20
FERR11	Northern Electric	0.97	0	0	0	FERR20_NED
FERR12	Northern Electric	0.97	0	0	0	FERR20_NED
FOUR70	Northern Electric	1	17	14	0	FOUR20
HARM60	Northern Electric	0.98	103	100	3	HARM20
HAWP60	Northern Electric	0.98	119	119	3	HAWP20
KNAR10	Northern Electric	0.97	188	185	0	KNAR20
LACK60	Northern Electric	0.99	247	218	0	LACK20
NORT11	Northern Electric	0.96	263.6	257.7	12	NORT20
NORT12	Northern Electric	0.96	263.6	257.7	12	NORT20
OFFE30	Northern Electric	0.96	71	70	0	OFFE20
OSBA10	Northern Electric	0.98	278	272	2	OSBA40
POPP30	Northern Electric	0.98	52	51	0	POPP20
SALH10	Northern Electric	0.9	135	-52	117	SALH20
SPEN10	Northern Electric	0.96	269	269	7	SPEN20
SSHI30	Northern Electric	0.97	52	49	0	SSHI20
STEN11	Northern Electric	0.97	115.9	114.7	2	STEW20

STEN12	Northern Electric	0.97	115.9	114.7	2	STEW20
STES10	Northern Electric	0.97	268	265	7	STEW20
TYNE10	Northern Electric	0.99	231	229	1	TYNE20
WBOL60	Northern Electric	1	284	284	0	WBOL20
BRED10	NORWEB (UU)	0.95	344.9	344.9	0	BRED20
CARR10	NORWEB (UU)	0.95	266.3	266.3	20	CARR20
HARK11	NORWEB (UU)	0.93	19.2	19.2	224	HARK20
HARK12	NORWEB (UU)	0.92	59.5	59.5	134	HARK20
HEYS10	NORWEB (UU)	0.72	-197.1	-197.1	316	HEYS40
HUTT10	NORWEB (UU)	0.96	235.5	235.5	34	HUTT40
KEAR11	NORWEB (UU)	0.96	336.8	336.8	0	KEAR20
KEAR12	NORWEB (UU)	0.95	253.9	253.9	0	KEAR20
KEAR30	NORWEB (UU)	0.97	124.9	124.9	8	KEAR20
MACC30	NORWEB (UU)	0.95	83.2	83.2	9	MACC20
PADI10	NORWEB (UU)	0.94	219.1	219.1	0	PADI40
PENE11	NORWEB (UU)	0.96	170.8	170.8	0	PEWO40
PENE12	NORWEB (UU)	0.96	98.6	98.6	0	PEWO40
PENW11	NORWEB (UU)	0.96	98.5	98.5	6	PEWO20
PENW12	NORWEB (UU)	0.97	88.8	88.8	0	PEWO20
RAIN10	NORWEB (UU)	0.96	91.6	91.6	0	RAIN20
ROCH11	NORWEB (UU)	0.96	245.5	245.5	9	ROCH20
ROCH12	NORWEB (UU)	0.72	-34.4	-34.4	60	ROCH20
SMAN10	NORWEB (UU)	0.96	337.8	337.8	19	SMAN20
STAH10	NORWEB (UU)	0.93	343.3	253.3	12	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.94	423.7	423.7	0	STAL20
WASF1A	NORWEB (UU)	0.94	176.5	176.5	4	WASF2A
WASF1B	NORWEB (UU)	0.95	100.5	100.5	4	WASF2B
WHGA10	NORWEB (UU)	0.97	311.4	311.4	4	WHGA20
CHAP10	Nuclear Decommissi oning Authority	0.89	0	0	0	CHAP10
DUNG20	Nuclear Decommissi oning Authority	0.89	4	4	0	Station Load
HINP20	Nuclear Decommissi oning Authority	0.89	2	2	0	Station Load
OLDS11	Nuclear Decommissi oning Authority	0.85	5	5	0	Station Load
SIZE10	Nuclear Decommissi oning Authority	0.89	4	4	0	SIZE40

TRAW20	Nuclear Decommissioning Authority	0.89	1	1	0	TRAW20
WYLF10	Nuclear Decommissioning Authority	0.9	99	75	0	Station Load
ABTH11	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
BLYT60	RWE Npower plc (Innogy)	0.85	0	0	0	BLYT20
DRAY10	RWE Npower plc (Innogy)	0.85	50	15	0	
FAWL40	RWE Npower plc (Innogy)	0.65	20	3	0	FAWL40
LITT10	RWE Npower plc (Innogy)	0.88	23	4	0	LITT40
TILB11	RWE Npower plc (Innogy)	0.85	22	4	0	TILB20
SAES20	Saltend	0.96	100	100	0	SAES20
BEDD10	SEEBOARD Power Networks	0.96	582.6	580.4	0	
BOLN11	SEEBOARD Power Networks	0.96	486.3	486.3	0	BOLN40
BOLN12	SEEBOARD Power Networks	0.96	486.3	486.3	0	BOLN40
CHSI10	SEEBOARD Power Networks	0.96	221.2	220.3	0	CHSI20
CHSI1A	SEEBOARD Power Networks	0.96	78.9	78	0	CHSI20
CHSI1B	SEEBOARD Power Networks	0.96	78.9	78	0	CHSI20
CSEK40	SEEBOARD Power Networks	0.96	879.9	872.1	123	SEK40
KEMS13	SEEBOARD Power Networks	0.96	72.4	0	0	EMS40
KINO10	SEEBOARD Power Networks	0.96	238	239.1	0	KINO40
LALE10	SEEBOARD Power Networks	0.96	79.3	79	0	LALE20_SPN
LITT10	SEEBOARD Power Networks	0.96	6	6	0	LITT40
NFLE10	SEEBOARD Power Networks	0.96	447.3	443.3	43.7	NFLE40
NINF10	SEEBOARD Power Networks	0.96	469.7	469.7	0	NINF40

WWEY10	SEEBOARD Power Networks	0.96	413.8	413.4	0	WWEY20
GRST60	Sembcorp (Formerly ICI)	0.86	209	50	120	Station Load
MOSM50	SHELL	1	23.5	23.5	0	MOSM10
ABNE30	SHEPD	0.98	49.5	48.9	3	ABNE10
ALNE30	SHEPD	0.99	24.6	17.7	0	ALNE1Q / ALNE1R
ARBR30	SHEPD	0.98	39.6	39.4	0	ARBR1Q / ARBR1R
ARMO30	SHEPD	0.95	30	24.9	1	ARMO10
BEAU30	SHEPD	0.98	45.7	38.9	3	BEAU10
BOAG30	SHEPD	0.98	36.1	22.8	2	BOAG1Q / BOAG1R
BRAC30	SHEPD	0.98	45.4	43.7	2	BRAC1Q / BRAC1R
BRID30	SHEPD	0.98	41.5	41	0	BRID1Q / BRID1R
BROA30	SHEPD	0.98	11.7	9.7	1	BROA1Q
BROR30	SHEPD	0.99	12.2	9.4	0	BROR10
BUMU30	SHEPD	0.98	58.1	52.1	1	BUMU10
CAAD30	SHEPD	1	27.5	18.2	1	CAAD1Q / CAAD1R
CASS50	SHEPD	0.99	2.3	1.6	0	CASS1Q
CEAN50	SHEPD	0.95	4.7	2.1	0	CEAN1Q
CHAR30	SHEPD	0.98	31.6	31.4	0	CHAR10
CLAC30	SHEPD	0.94	-4.7	-4.2	8	CLAC1Q
CLAY30	SHEPD	0.97	63.3	58.6	0	CLAY1Q / CLAY1R
COUA30	SHEPD	0.97	30	25.7	0	COUA10
CRAI30	SHEPD	0.99	32.2	31.6	0	CRAI10
DOUN50	SHEPD	0.99	8.2	6.3	0	DOUN10
DUBE30	SHEPD	1	15	12.8	0	DUBE1Q
DUDH30	SHEPD	0.97	37	34.4	0	DUDH1Q / DUDH1R
DUGR30	SHEPD	0.98	8.8	7	2	DUGR1Q
DUNO30	SHEPD	0.97	19.3	15.3	5	DUNO1Q / DUNO1R
DYCE30	SHEPD	0.96	50.6	42.4	4	DYCE1Q / DYCE1R
ELGI30	SHEPD	0.97	57.9	57.6	0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.97	-0.2	0.9	1	FASN10
FAUG30	SHEPD	0.96	1.5	0.8	1	FAUG10
FIDD30	SHEPD	0.98	24.5	24.5	0	FIDD1Q
FRAS30	SHEPD	0.95	24.2	21.6	0	FRAS1Q / FRAS1R
FWIL30	SHEPD	0.98	69	41	5	FWIL1Q / FWIL1R
GLAG30	SHEPD	0.98	31.7	24.5	2	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.92	3.8	3.9	4	GRUB1Q / GRUB1R
INNE30	SHEPD	0.97	80.3	81.4	4	INNE1Q / INNE1R
KEIT30	SHEPD	1	0	0	0	KEIT10

KEMD30	SHEPD	0.98	90.9	84.9	0	
KIIN30	SHEPD	0.94	-2.4	-3.7	0	KIIN10
KILO30	SHEPD	0.98	3.3	2.8	0	KILO10
KINT30	SHEPD	0.98	80.7	80.7	0	KINT10
LAIR50	SHEPD	0.53	0.7	0.3	2	LAIR1Q
LUNA30	SHEPD	0.99	72.7	68.9	1	LUNA1Q / LUNA1R
LYND30	SHEPD	0.99	32.2	32	0	LYND1Q / LYND1R
MACD30	SHEPD	1	0	0	0	MACD1Q
MILC30	SHEPD	0.99	67	66.4	7	MILC10
MYBS30	SHEPD	0.95	9.7	8.1	0	MYBS1Q / MYBS1R
NAIR30	SHEPD	0.96	41.8	36.1	0	NAIR10
PEHG30	SHEPD	0.97	29.3	23.4	0	PEHG1Q / PEHG1R
PEHS50	SHEPD	0.99	10.3	7.1	0	PEHE10
PERS30	SHEPD	0.98	51.2	49.9	3	PERS10
PORA30	SHEPD	0.98	16	11.4	5	PORA1Q / PORA1R
RANN30	SHEPD	0.97	-1	1.2	3	RANN1Q / RANN1R
REDM30	SHEPD	0.97	52.8	52	0	REDM1Q / REDM1R
SFEG50	SHEPD	0.97	16.1	14.8	0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.95	-4	1.3	5	SFIL1Q
SHIN50	SHEPD	0.74	1.2	0.3	0	SHIN10
SLOY11	SHEPD	0.99	3.4	2.7	0	SLOY10
STLE30	SHEPD	0.88	14.1	9.1	2	STLE10
STRI30	SHEPD	0.98	19.2	16.6	0	STRI1Q / STRI1R
TARL30	SHEPD	0.97	18.8	13.3	0	TARL1Q / TARL1R
TAYN30	SHEPD	0.97	30.5	23.2	11	TAYN1Q / TAYN1R
THSO30	SHEPD	1	42.4	39.3	12	THSO1Q / THSO1R
TUMB30	SHEPD	0.98	16.5	14.4	1	TUMB1Q / TUMB1R
WIOW30	SHEPD	0.98	48.1	46.6	0	WIOW1Q / WIOW1R
WOHI30	SHEPD	0.98	45.3	45.3	0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	0.98	62.8	62.8	0	AMEM4A_SEP / AMEM4B_SEP
AXMI10	Southern Electric	0.96	121.1	121.1	3	AXMI40_SEP
BOTW10	Southern Electric	0.97	182.1	188.9	2	BOTW40
BRFL40	Southern Electric	0.94	1376	1376	76	BRFL40
BRLE13	Southern Electric	0.93	105.2	105.2	3	BRLE40
BRLE14	Southern Electric	0.93	105.2	105.2	3	BRLE40
CHIC10	Southern Electric	0.95	105	104.9	47	CHIC40
COWL10	Southern Electric	0.96	757.5	757.5	4	COWL40
EALI60	Southern Electric	0.92	247	247	2	EALI20
FAWL10	Southern Electric	0.89	333.2	333.2	125	FAWL40

IVER10	Southern Electric	0.97	480.6	478.8	20	IVER20
IVER60	Southern Electric	0.86	136.1	136.1	4	IVER20
LALE10	Southern Electric	0.9	224	224	16	LALE20_SEP
LOVE10	Southern Electric	0.96	675.5	675.5	17.6	LOVE40
MANN10	Southern Electric	0.98	732.9	732.9	7	MANN40
MELK10	Southern Electric	0.95	396.9	414.2	11	MELK40_SEP
MITY10	Southern Electric	0.97	355.2	355.2	3.9	MITY40
NHYD60	Southern Electric	0.95	215.4	215.4	0	NHYD2A / NHYD2B
NURS10	Southern Electric	0.97	435.4	435.4	5	NURS40
TYNE50	Southern Electric	0.95	5.9	5.9	0	TYNE20
WISD60	Southern Electric	0.94	135	135	0	WISD20_EPN
AYR20	SP Distribution	0.97	66.2	63.5	0	AYRR2Q / AYRR2R
BRAE1	SP Distribution	0.96	40.3	37.2	0	BRAP10
GRMO3	SP Distribution	0.98	41.1	34.5	4	GRMO20
HAGR3	SP Distribution	0.97	54.7	45.3	0	HAGR1Q / HAGR1R
PAIS3	SP Distribution	0.98	43.2	31.7	0	PAIS1S / PAIS1T
BAGA10	SP Distribution	0.98	66.7	64.2	0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	0.97	41.4	39.5	0	BAIN10
BERW10	SP Distribution	0.81	34.9	23.4	0	BERW1Q / BERW1R
BONN20	SP Distribution	0.94	70.6	72.8	0	BONN20
BROX10	SP Distribution	0.97	59.9	55.1	0	BROX1Q / BROX1R
CAFA10	SP Distribution	1	0.3	-7.2	5	CAFA1Q
CATY10	SP Distribution	0.97	54	51.8	0	CATY1Q / CATY1R
CHAP10	SP Distribution	0.94	46.8	47.2	0	CHAP10
CHAS20	SP Distribution	0.96	90.7	58.2	0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	0.98	88.7	75	7	CLYM20
COAT30	SP Distribution	0.98	74.1	70.5	0	COAT2Q / COAT2R
COCK30	SP Distribution	0.98	48.1	46.4	0	COCK20
COYL10	SP Distribution	0.93	50.6	41.1	10	COYL10
CROO31	SP Distribution	0.99	52.5	49	0	CROO1Q / CROO1R
CROO32	SP Distribution	0.99	28.6	19.1	0	CROO1Q / CROO1R
CUMB10	SP Distribution	0.98	54.3	48.8	9	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.96	69.1	66.7	0	CUPA1Q / CUPA1R
CURR20	SP Distribution	0.98	13	12.3	0	CURR10
DEVM10	SP Distribution	0.98	55.5	35.5	0	DEVM10
DEVO10	SP Distribution	0.95	64.6	54.3	0	DEVO10
DEWP30	SP Distribution	0.97	104.1	97.4	0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.99	17.8	7	0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	0.99	80.4	76.3	0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	0.91	47.9	41.3	0	DUMF10

DUMF32	SP Distribution	0.9	11.1	7.4	0	DUMF10
DUMF50	SP Distribution	0.99	18	16.6	0	DUMF10
DUNB30	SP Distribution	0.92	40.3	31.1	0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	0.98	41.3	32.4	1	DUNF1Q / DUNF1R
EAST50	SP Distribution	-1	0.9	-7.8	5	EAST1Q
ECCL30	SP Distribution	1	55.9	33	0	ECCL10
EERH30	SP Distribution	0.97	105.9	102	0	EERH20
EKIL30	SP Distribution	0.97	76.8	73.8	0	EKIL2S / EKIL2T
EKIS30	SP Distribution	0.96	38.6	33.3	4	EKIS20
ELDE10	SP Distribution	0.98	47.8	46.1	0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	0.98	25.3	23.9	0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.92	48.2	38	8	GALA10
GIFF30	SP Distribution	0.98	82.1	70.9	0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1	2.5	-11.8	14	GLLE10
GLLU30	SP Distribution	0.91	28	14.3	5	GLLU1Q / GLLU1R
GLNI30	SP Distribution	0.98	26.6	12.9	0	GLNI10
GLRO30	SP Distribution	0.96	45.5	43.8	0	GLRO20
GORG30	SP Distribution	0.97	37.7	32.6	0	GORG1Q / GORG1R
GOVA30	SP Distribution	0.97	42.5	30.4	0	GOVA1Q / GOVA1R
GRMO30	SP Distribution	0.98	38.6	32.9	0	GRMO20
HAWI30	SP Distribution	0.98	28.1	20.5	0	HAWI10
HELE30	SP Distribution	0.99	22.6	11.1	0	HELE10
HUNF30	SP Distribution	0.62	7.6	3.7	0	HUNF1Q / HUNF1R
INKE30	SP Distribution	0.98	59.3	57.2	0	INKE1Q / INKE1R
JOHN30	SP Distribution	0.98	50.8	48.6	0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	0.98	97.6	92.4	5	KAIM20
KEOO50	SP Distribution	-1	0.4	-15.1	14	KEOO10
KIER30	SP Distribution	0.98	76.8	70.7	2	KIER1Q / KIER1R
KILB30	SP Distribution	0.97	35.5	23.4	0	KILB1Q / KILB1R
KILB50	SP Distribution	0.98	11.8	10.9	0	KILB1Q / KILB1R
KILS30	SP Distribution	0.98	38.3	33.8	1	KILS20
KILT30	SP Distribution	0.96	92.2	88.3	0	KILT2Q / KILT2R
KILW30	SP Distribution	0.96	51.9	22.2	16	KILW10
LEVE30	SP Distribution	0.97	43.6	41.1	0	LEVE1Q / LEVE1R
LING30	SP Distribution	0.97	72.8	64.9	0	LING1Q / LING1R
LINM30	SP Distribution	0.94	55.4	41.3	20	LINM20
MAYB30	SP Distribution	0.96	24.7	19.8	1	MAYB10
NEAR30	SP Distribution	0.98	86.3	83.8	4	NEAR20
NETS30	SP Distribution	0.89	12.4	10.3	0	NETS10
PART30	SP Distribution	0.98	50.6	46.4	0	PART1Q / PART1R

POOB30	SP Distribution	0.97	89.4	84.4	3	POOB2Q / POOB2R
PORD30	SP Distribution	0.98	86.3	76.5	0	PORD2Q / PORD2R
RAVE30	SP Distribution	1	23.6	8.9	0	RAVE2Q / RAVE2R
REDH30	SP Distribution	0.98	46.5	43	0	REDH10
SACO3A	SP Distribution	0.93	43.5	36.5	12	SACO1Q / SACO1R
SACO3B	SP Distribution	0.92	36.8	32.2	0	SACO1Q / SACO1R
SANX30	SP Distribution	0.97	57.3	53.8	0	SANX1Q / SANX1R
SHRU30	SP Distribution	0.98	74.2	42.4	0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	0.99	107.4	103.5	0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	0.98	44.3	38.8	0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.98	58.4	47.8	0	STHA20
STIR30	SP Distribution	0.97	79.6	69	0	STIR1S / STIR1T
STLE30	SP Distribution	0.98	66.1	63.6	0	STLE10
TELR30	SP Distribution	0.99	39	37.5	0	TELR1Q / TELR1R
TONG50	SP Distribution	0.93	28.4	24	0	TONG10
WFIE30	SP Distribution	0.93	40.2	27.6	8	WFIE10
WGEO30	SP Distribution	0.96	99.1	81.3	0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	0.98	68.9	60.8	0	WHHO2Q / WHHO2R
WISH10	SP Distribution	0.98	97.8	79.1	0	WISH20
COCK30	SP Generation	0.86	13	13	0	COCK20
BIRK10	SP MANWEB	0.99	285	285	30	BIRK20
CAPE10	SP MANWEB	0.96	253	247	71	CAPE20
CARR10	SP MANWEB	0.94	116	110	146	
CASK10	SP MANWEB	0.92	420	204	657	FROD40
CELL10	SP MANWEB	0.95	178	178	2	CELL40_SPM
CONQ10	SP MANWEB	0.93	264	274	65	DEES40
FIDF13	SP MANWEB	0.94	278	256	24	FIDF20
FROD10	SP MANWEB	0.96	82	82	22	FROD20
IMPP30	SP MANWEB	1	90	90	0	IMPP40
INCE10	SP MANWEB	0.97	108	74	44	FROD20
KIBY10	SP MANWEB	0.98	386	376	16	KIBY20
LEGA10	SP MANWEB	0.93	328	325	45	LEGA40
LISD10	SP MANWEB	1	333	333	7	LISD20
PENT10	SP MANWEB	0.99	170	170	12	PENT40
RAIN10	SP MANWEB	0.99	445	445	22	RAIN20
SHOT10	SP MANWEB	0.99	82	82	252	DEES40
SWAN11	SP MANWEB	0.91	23.5	16.1	16	SWAN20_SPM
SWAN12	SP MANWEB	0.91	27.5	18.9	18	SWAN20_SPM
TRAW10	SP MANWEB	1	82	72	39	TRAW20
WYLF10	SP MANWEB	0.98	58	63	4	WYLF40

FERR11	SSE Generation Ltd	0.85	23	4	0	Station Load
FERR12	SSE Generation Ltd	0.85	23	4	0	Station Load
ABTH11	SWALEC (Infralec)	0.98	103.1	100.2	1	ABTH20
ABTH12	SWALEC (Infralec)	0.98	103.1	100.2	1	ABTH20
ALST30	SWALEC (Infralec)	0.8	54	1.1	0	
CARE10	SWALEC (Infralec)	0.98	186.6	181.3	1	CARE20
GRAN60	SWALEC (Infralec)	0.67	114	3	5	MAGA20
PEMB10	SWALEC (Infralec)	0.95	197.8	197.7	0	PEMB40
PYLE10	SWALEC (Infralec)	0.96	155.2	117.9	14	PYLE20
RASS10	SWALEC (Infralec)	0.97	227.1	227.1	5	RASS40
SWAN11	SWALEC (Infralec)	0.99	238	230.7	14	SWAN20_SWA
SWAN12	SWALEC (Infralec)	0.99	279.4	270.8	16	SWAN20_SWA
UPPB10	SWALEC (Infralec)	0.97	169.6	153.9	2	UPPB20
UPPB30	SWALEC (Infralec)	0.97	103.4	86	1	UPPB20
USKM10	SWALEC (Infralec)	0.92	270	256	6	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	0.95	22	22	0	MEAD10
ABHA11	WPD(formerly SWEB)	1	102.3	98.4	0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1	147.3	141.6	0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	-1	212	203	0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	0.97	108.9	105	0	AXMI40_SWEB
BRWA10	WPD(formerly SWEB)	0.96	238	228	0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1	315	302	0	EXET40
INDQ10	WPD(formerly SWEB)	1	440	423	0	INDQ40
IROA11	WPD(formerly SWEB)	0.98	197.8	189.8	0	IROA20_SWEB
IROA12	WPD(formerly SWEB)	0.98	247.2	237.2	0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1	264	253	0	LAND40
MELK10	WPD(formerly SWEB)	0.98	96	92	0	MELK40_SWEB
SEAB11	WPD(formerly SWEB)	0.96	293	282	0	SEAB40
TAUN10	WPD(formerly SWEB)	0.99	129	124	0	TAUN4B
BRAW11	Yorkshire Electricity	1	232	231	0	BRAW20
BRAW12	Yorkshire Electricity	1	266	265	3	BRAW20
CAML60	Yorkshire Electricity	0.96	26	25	0	DRAX40
CREB11	Yorkshire Electricity	0.94	217	218	4	CREB40
CREB12	Yorkshire Electricity	0.97	269	269	25	CREB40
DRAX11	Yorkshire Electricity	0.85	26	21.5	0	DRAX40
DRAX12	Yorkshire Electricity	0.85	26	21.5	0	DRAX40
ELLA11	Yorkshire Electricity	0.94	193	171	50	ELLA20
ELLA12	Yorkshire Electricity	0.94	190	168	5	ELLA20

FERR11	Yorkshire Electricity	0.94	153	150	59	FERR20_YED / FERR2A_YED / FERR2B_YED
FERR12	Yorkshire Electricity	0.94	160	156	0	FERR20_YED
FERR60	Yorkshire Electricity	0.97	97	96	3	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.95	165	147	36	GRIW40
JORD30	Yorkshire Electricity	0.98	74	71	0	JORD20
KEAD10	Yorkshire Electricity	0.71	418	332	28	KEAD40
KIRK10	Yorkshire Electricity	0.95	304	298	4	KIRK20
NEEP30	Yorkshire Electricity	0.95	88	88	0	NEEP20
NORL30	Yorkshire Electricity	0.99	72	71	0	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.93	63	53	0	PITS20
PITS32	Yorkshire Electricity	0.81	45	6	0	PITS20
SAEN10	Yorkshire Electricity	0.99	133	112	3	SAEN20
SHEC30	Yorkshire Electricity	0.96	92	85	0	SHEC20
SKLG10	Yorkshire Electricity	0.96	645	637	19	SKLG20
THOM60	Yorkshire Electricity	0.95	144.1	140.1	5	THOM20
THUR60	Yorkshire Electricity	0.96	183	183	1	THUR20
WIBA30	Yorkshire Electricity	0.88	37	32	1	WIBA20
WMEL11	Yorkshire Electricity	0.95	144.1	140.1	10	WMEL20
WMEL12	Yorkshire Electricity	0.95	144.1	140.1	1	WMEL20
WMEL13	Yorkshire Electricity	1	366	364	4.1	WMEL20

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Table E.1.3 - GSP Winter peak Demand (MW), Generation (MW) and Power Factor, 2011/12

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1	325	325	0	BLYT20
WYLF10	Anglesey Aluminium	0.98	264	264	0	Station Load
TEMP30	BOC	0.98	10	8	0	TEMP20
DUNG20	British Energy	0.79	14	14	0	Station Load
EGGB41	British Energy	0.9	40	17	0	Station Load
HEYS10	British Energy	0.79	115	61	0	Station Load
HINP21	British Energy	0.76	47.5	12	0	Station Load
HINP22	British Energy	0.76	47.5	12	0	Station Load
SIZE40	British Energy	0.8	4	4	0	Station Load
TREM30	Celsa	0.85	95	0	0	TREM20
BESW10	Central Networks East (EMEB)	0.97	401	401	2	BESW20
BICF10	Central Networks East (EMEB)	0.96	190.8	181.3	58	BICF4A /BICF4B
CHTE10	Central Networks East (EMEB)	0.95	572.9	566	10.6	CHTE20
COVE10	Central Networks East (EMEB)	0.93	588.8	588.8	10	COVE20
DRAK10	Central Networks East (EMEB)	0.95	202.6	202.6	2	DRAK20
ECLA10	Central Networks East (EMEB)	0.9	422.4	422.4	3	ECLA40_EME
ENDE10	Central Networks East (EMEB)	0.95	539.5	534.3	4	ENDE40
GREN10	Central Networks East (EMEB)	0.93	737.2	737.2	27.6	GREN40_EME
HAMH12	Central Networks East (EMEB)	0.96	0	0	0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	0.96	133.1	133.1	1	HAMH40_EME
RATS10	Central Networks East (EMEB)	0.94	606.1	573.9	3	RATS40
SBAR40	Central Networks East (EMEB)	0.96	108.8	104	0	SBAR40

STYC10	Central Networks East (EMEB)	0.93	187.4	187.4	2	STAY40
WALP10	Central Networks East (EMEB)	0.89	275.5	259.9	2	WALP40_EME
WBUR10	Central Networks East (EMEB)	0.95	287.8	287	4	WBUR40
WILL10	Central Networks East (EMEB)	0.96	619.1	613.8	2	WILE20
BISW10	Central Networks West (Aquila)	0.97	487.2	480.8	0	BISW20
BUSH10	Central Networks West (Aquila)	0.96	170.1	160.2	5	BUSH20
BUST10	Central Networks West (Aquila)	0.96	384.5	384.1	0	BUST20
CELL10	Central Networks West (Aquila)	0.88	479.3	479.3	50.8	CELL40_AQUL
ECLA10	Central Networks West (Aquila)	0.98	74.3	73.7	0.8	ECLA40_EME
FECK60	Central Networks West (Aquila)	0.87	349.9	309.5	0	FECK20
GLOU10	Central Networks West (Aquila)	0.95	681.5	681.5	8.5	WALH40
HAMH11	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
IROA11	Central Networks West (Aquila)	0.96	101.4	101.4	0	IROA20_AQUIL
IRSH40	Central Networks West (Aquila)	0.94	342.7	342.7	0	IRSH40
KITW10	Central Networks West (Aquila)	0.96	442	442	0	KITW20
LEAM10	Central Networks West (Aquila)	0.94	307.8	307.8	0	HAMH40_AQUL
NECH10	Central Networks West (Aquila)	0.89	399.1	368.7	25.2	NECH20
OCKH10	Central Networks West (Aquila)	0.96	127.4	111	0	OCKH20
OLDB10	Central Networks West (Aquila)	0.97	101.2	101.5	0	OLDB20
PENN10	Central Networks West (Aquila)	0.94	321.6	321.6	0	PENN20
RUGE10	Central Networks West (Aquila)	0.96	254.3	254.3	0	RUGE40
WIEN10	Central Networks West (Aquila)	0.94	214.3	199.6	0	WIEN2A /WIEN2B
GREN10	Corby Power Ltd	1	0	0	0	GREN40_EME

ALDW31	CORUS	0.75	36	36	0	ALDW20
ALDW32	CORUS	0.82	160	88	0	ALDW20
GRT060	CORUS	0.8	8	8	0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5	3	0	RAVE2Q /RAVE2R
STSB60	CORUS	0.92	70	0	0	STSB40
TEMP30	CORUS	0.75	12	7	0	TEMP20
TINP32	CORUS	0.7	59	49	0	TINP2A /TINP2B
TODP60	CORUS	0.8	10	1	88	TODP20
WHSO31	CORUS	0.91	48.2	28.6	0	WHSO20
WHSO32	CORUS	0.91	48.2	28.6	0	WHSO20
WILL10	Derwent	1	0	0	0	Station Load
DRAX11	Drax Power Limited	0.9	17	17	0	Station Load
DRAX12	Drax Power Limited	0.9	75	75	0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.34	40	8	0	Station Load
DEES4	E.ON (UK) plc (Powergen)	1	25	0	0	
GRAI40	E.ON (UK) plc (Powergen)	0.83	31	6	18	Station Load
IRON10	E.ON (UK) plc (Powergen)	0.77	50	6	0	Station Load
KINO10	E.ON (UK) plc (Powergen)	0.8	40	10	0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.77	43	13	0	Station Load
AMEM10	Eastern Power Networks	0.96	70.8	60	0	AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	0.97	91.5	91.5	0	BARK20_EPN
BARW30	Eastern Power Networks	0.94	82	79.4	0	BARK20_EPN
BRFO10	Eastern Power Networks	0.96	819.9	819.8	265	BRFO40
BRIM10	Eastern Power Networks	0.95	275.4	270.7	0	BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.95	808.4	808.4	0	RAYL40 / BRAI4A
BURW10	Eastern Power Networks	0.96	335.1	335	0	BURW40
EASO10	Eastern Power Networks	0.96	174	174	7.5	EASO40
ELRH10	Eastern Power Networks	0.96	542.7	542.7	0	ELST20 / RYEH40 / RYEH4A

ELST10	Eastern Power Networks	0.96	106	95.8	0	ELST20
ELWS10	Eastern Power Networks	0.96	340.8	338.6	0	ELST20 / WATS20
GREN10	Eastern Power Networks	0.96	147.9	147.9	5.7	GREN40_EME
MILH10	Eastern Power Networks	0.96	248.7	248.7	0	MILH2A_EPN / MILH2B_EPN
NORW10	Eastern Power Networks	0.96	691.9	656.5	29	NORW40
PEWY10	Eastern Power Networks	0.96	540.2	540.1	0	WYMO40 / PELH40
SUND10	Eastern Power Networks	0.96	507.5	507.4	19.8	SUND40
TILB11	Eastern Power Networks	0.96	51.7	48.9	5	TILB20
TILB12	Eastern Power Networks	0.96	68.5	68.4	4	TILB20
TILB13	Eastern Power Networks	0.96	68.5	68.4	4	TILB20
TILB14	Eastern Power Networks	0.96	51.7	48.9	5	TILB20
TOTT10	Eastern Power Networks	0.96	325.7	319.1	28.9	TOTE20 / TOTW20
WALP10	Eastern Power Networks	0.96	633.9	603.5	82.5	WALP40_EME
WARL10	Eastern Power Networks	0.96	265.3	262.4	12	WARL20
WATS12	Eastern Power Networks	0.96	223.4	222.9	0	WATS20
WISD10	Eastern Power Networks	0.96	53.6	53.6	0	WISD20_EME
WTHU60	Eastern Power Networks	0.96	42.3	41.7	0	WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	0.97	152.8	152.8	0	BARK20_LPN
BARW30	EDF (Formerly LPN)	0.94	181.4	187.9	0	
BEDD10	EDF (Formerly LPN)	0.96	157.3	144.9	0	
BRIM10	EDF (Formerly LPN)	0.95	149.7	149.7	0	BRIM2A_LPN / BRIM2B_LPN / BRIM2C_LPN
CITR10	EDF (Formerly LPN)	0.96	1028.9	929.5	7.2	CITR42
HACK10	EDF (Formerly LPN)	0.96	198.4	198.4	0	HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	0.97	173.7	168.6	0	HACK2A /HACK2B
HURS10	EDF (Formerly LPN)	0.96	335.6	330.1	0	HURS20
LITT10	EDF (Formerly LPN)	0.96	179.2	179.2	4.3	LITT40

LODR60	EDF (Formerly LPN)	0.96	433.1	427.2	0	SJOW20
MILH10	EDF (Formerly LPN)	0.92	24.2	24.2	0	MILH2A_EPN / MILH2B_EPN
NEWX10	EDF (Formerly LPN)	0.96	216	214.9	0	NEWX20
NEWX60	EDF (Formerly LPN)	0.96	291.8	291.8	0	NEWX20
REBR30	EDF (Formerly LPN)	0.98	115.4	115.4	0	REBR20
SJOW10	EDF (Formerly LPN)	0.96	805.4	769.2	4	SJOW40
WHAM10	EDF (Formerly LPN)	0.96	536.1	523.8	4	WHAM40
WIGP10	EDF (Formerly LPN)	0.96	638.8	632.6	0	WIMB20
WIMB14	EDF (Formerly LPN)	0.96	159.2	156.2	0	WIMB20
WISD10	EDF (Formerly LPN)	0.96	215.2	209.4	0	WISD20_LPN
WISD60	EDF (Formerly LPN)	0.96	142.8	142.8	0	WISD20_LPN
WBUR10	EdF Energy	0.87	60	9	0	Station Load
SFEM50	Exxon Mobil	1	21.4	21.4	0	SFEM10
SEFI10	Fellside Heat and Power	1	43	43	0	Station Load
DINO40	First Hydro	1	1650	0	0	Station Load
FFES21	First Hydro	1	150	0	0	Station Load
FFES22	First Hydro	1	150	0	0	Station Load
BAGB20	GE Energy	0.95	27	27	530	Station Load
HUMR40	Immingham CHP	1	0	0	0	
GRMO30	Ineos (Innovene) Grangemouth	0.98	74.8	74.8	0	GRMO20
RUGE10	International Power	0.8	30	4	0	RUGE40
CULJ31	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ32	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ33	J E T	0.95	0.1	0.1	0	CULJ4A
HARE30	MOD	0.8	15	15	0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.88	88	88	0	GRAI40
SFEG10	National Grid	0.97	50	50	0	SFEG10
BARK10	Network Rail	0.85	0	0	0	BARK20_EPN
BARK40	Network Rail	1	6	6	0	BARK20_EPN
BERW10	Network Rail	1	3	2	0	BERW1Q / BERW1R
CATY1A	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
CATY1B	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
DEVM10	Network Rail	1	2	1	0	DEVM10
ECCF1A	Network Rail	1	2	2	0	
ECCF1B	Network Rail	1	2	2	0	
ELST4A	Network Rail	1	13	13	0	ELST20
ELST4B	Network Rail	1	13	13	0	ELST20

ELVA20	Network Rail	1	4	1	0	
HARK40	Network Rail	1	4	1	0	HARK20
INWI1A	Network Rail	1	3	3	0	
INWI1B	Network Rail	1	3	3	0	
LEIB4A	Network Rail	1	3.5	3	0	LEIB4B
LEIB4B	Network Rail	1	3.5	3	0	LEIB4B
PAFB4A	Network Rail	1	7.5	6	0	PAFB4B
PAFB4B	Network Rail	1	7.5	6	0	PAFB4B
POOB2A	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POOB2B	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POPP20	Network Rail	1	4	0	0	POPP20
RUGE40	Network Rail	1	10	9	0	RUGE40
SACO1A	Network Rail	1	2	2	0	SACO1Q / SACO1R
SACO1B	Network Rail	1	2	2	0	SACO1Q / SACO1R
SANX1A	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SANX1B	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SELL30	Network Rail	0.99	37	37	0	SELL40
SING40	Network Rail	0.99	37	21	0	SING40
STLE10	Network Rail	1	5	4	0	STLE10
WISH20	Network Rail	1	6	6	0	WISH20
WYMO40	Network Rail	1	14	11	0	WYMO40
ALCA1A	Northern Electric	0.9	119.2	-7	0	BLYT20
ALCA1B	Northern Electric	0.9	119.2	-7	0	BLYT20
BLYT60	Northern Electric	0.99	197	197	6	BLYT20
FERR11	Northern Electric	0.97	0	0	0	FERR20_NED
FERR12	Northern Electric	0.97	0	0	0	FERR20_NED
FOUR70	Northern Electric	1	17	14	0	FOUR20
HARM60	Northern Electric	0.98	104	101	3	HARM20
HAWP60	Northern Electric	0.98	121	121	3	HAWP20
KNAR10	Northern Electric	0.97	191	188	0	KNAR20
LACK60	Northern Electric	0.99	249	219	0	LACK20
NORT11	Northern Electric	0.96	267.6	261.5	12	NORT20
NORT12	Northern Electric	0.96	267.6	261.5	12	NORT20
OFFE30	Northern Electric	0.96	72	71	0	OFFE20
OSBA10	Northern Electric	0.98	282	276	2	OSBA40
POPP30	Northern Electric	0.98	53	52	0	POPP20
SALH10	Northern Electric	0.9	135	-52	117	SALH20
SPEN10	Northern Electric	0.96	273	273	7	SPEN20
SSHI30	Northern Electric	0.97	52	49	0	SSHI20
STEN11	Northern Electric	0.97	117.9	116.7	2	STEW20

STEN12	Northern Electric	0.97	117.9	116.7	2	STEW20
STES10	Northern Electric	0.97	271	268	7	STEW20
TYNE10	Northern Electric	0.99	235	234	1	TYNE20
WBOL60	Northern Electric	1	288	288	0	WBOL20
BRED10	NORWEB (UU)	0.95	344.8	344.8	0	BRED20
CARR10	NORWEB (UU)	0.95	266.2	266.2	20	CARR20
HARK11	NORWEB (UU)	0.93	24.2	24.2	224	HARK20
HARK12	NORWEB (UU)	0.92	59.5	59.5	134	HARK20
HEYS10	NORWEB (UU)	0.72	-197.1	-197.1	316	HEYS40
HUTT10	NORWEB (UU)	0.96	235.4	235.4	34	HUTT40
KEAR11	NORWEB (UU)	0.96	337.4	337.4	0	KEAR20
KEAR12	NORWEB (UU)	0.95	254.5	254.5	0	KEAR20
KEAR30	NORWEB (UU)	0.97	124.9	124.9	8	KEAR20
MACC30	NORWEB (UU)	0.95	83.2	83.2	9	MACC20
PADI10	NORWEB (UU)	0.94	219.1	219.1	0	PADI40
PENE11	NORWEB (UU)	0.96	170.8	170.8	0	PEWO40
PENE12	NORWEB (UU)	0.96	98.6	98.6	0	PEWO40
PENW11	NORWEB (UU)	0.96	98.5	98.5	6	PEWO20
PENW12	NORWEB (UU)	0.97	88.8	88.8	0	PEWO20
RAIN10	NORWEB (UU)	0.96	92.5	92.5	0	RAIN20
ROCH11	NORWEB (UU)	0.96	245.5	245.5	9	ROCH20
ROCH12	NORWEB (UU)	0.72	-34.4	-34.4	60	ROCH20
SMAN10	NORWEB (UU)	0.96	339.8	339.8	19	SMAN20
STAH10	NORWEB (UU)	0.93	373.3	283.3	12	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.94	431.6	431.6	0	STAL20
WASF1A	NORWEB (UU)	0.94	176.5	176.5	4	WASF2A
WASF1B	NORWEB (UU)	0.95	101.4	101.4	4	WASF2B
WHGA10	NORWEB (UU)	0.97	311.3	311.3	4	WHGA20
CHAP10	Nuclear Decommissi oning Authority	0.89	0	0	0	CHAP10
DUNG20	Nuclear Decommissi oning Authority	0.89	4	4	0	Station Load
HINP20	Nuclear Decommissi oning Authority	0.89	2	2	0	Station Load
OLDS11	Nuclear Decommissi oning Authority	0.85	5	5	0	Station Load
SIZE10	Nuclear Decommissi oning Authority	0.89	4	4	0	SIZE40

TRAW20	Nuclear Decommissioning Authority	0.89	1	1	0	TRAW20
WYLF10	Nuclear Decommissioning Authority	0.9	99	75	0	Station Load
ABTH11	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
BLYT60	RWE Npower plc (Innogy)	0.85	0	0	0	BLYT20
DRAY10	RWE Npower plc (Innogy)	0.85	50	15	0	
FAWL40	RWE Npower plc (Innogy)	0.65	20	3	0	FAWL40
LITT10	RWE Npower plc (Innogy)	0.88	23	4	0	LITT40
TILB11	RWE Npower plc (Innogy)	0.85	22	4	0	TILB20
SAES20	Saltend	0.96	100	100	0	SAES20
BEDD10	SEEBOARD Power Networks	0.96	586.8	584.8	0	
BOLN11	SEEBOARD Power Networks	0.96	491.5	491.5	0	BOLN40
BOLN12	SEEBOARD Power Networks	0.96	491.5	491.5	0	BOLN40
CHSI10	SEEBOARD Power Networks	0.96	223.3	222.4	0	CHSI20
CHSI1A	SEEBOARD Power Networks	0.96	79.4	78.4	0	CHSI20
CHSI1B	SEEBOARD Power Networks	0.96	79.4	78.4	0	CHSI20
CSEK40	SEEBOARD Power Networks	0.96	891.1	883.4	123	CSEK40
KEMS13	SEEBOARD Power Networks	0.96	72.4	0	0	KEMS40
KINO10	SEEBOARD Power Networks	0.96	243.8	244.9	0	KINO40
LALE10	SEEBOARD Power Networks	0.96	79.8	79.5	0	LALE20_SPN
LITT10	SEEBOARD Power Networks	0.96	9	9	0	LITT40
NFLE10	SEEBOARD Power Networks	0.96	451.9	447.9	43.7	NFLE40
NINF10	SEEBOARD Power Networks	0.96	473.6	473.6	0	NINF40

WWEY10	SEEBOARD Power Networks	0.96	426.9	426.5	0	WWEY20
GRST60	Sembcorp (Formerly ICI)	0.86	210	50	120	Station Load
MOSM50	SHELL	1	23.5	23.5	0	MOSM10
ABNE30	SHEPD	0.98	50.2	49.6	3	ABNE10
ALNE30	SHEPD	0.99	24.6	17.7	0	ALNE1Q / ALNE1R
ARBR30	SHEPD	0.98	40.6	40.4	0	ARBR1Q / ARBR1R
ARMO30	SHEPD	0.95	29.1	23.9	1	ARMO10
BEAU30	SHEPD	0.98	46	39.1	3	BEAU10
BOAG30	SHEPD	0.98	36.5	23	2	BOAG1Q / BOAG1R
BRAC30	SHEPD	0.98	46.1	44.3	2	BRAC1Q / BRAC1R
BRID30	SHEPD	0.98	42.4	41.8	0	BRID1Q / BRID1R
BROA30	SHEPD	0.98	11.7	9.7	1	BROA1Q
BROR30	SHEPD	0.99	12.5	9.6	0	BROR10
BUMU30	SHEPD	0.98	58.5	52.4	1	BUMU10
CAAD30	SHEPD	1	28	18.6	1	CAAD1Q / CAAD1R
CASS50	SHEPD	0.99	2.4	1.6	0	CASS1Q
CEAN50	SHEPD	0.95	4.9	2.2	0	CEAN1Q
CHAR30	SHEPD	0.98	31.6	31.4	0	CHAR10
CLAC30	SHEPD	0.94	-4.5	-4	8	CLAC1Q
CLAY30	SHEPD	0.97	64.4	59.6	0	CLAY1Q / CLAY1R
COUA30	SHEPD	0.97	30	25.7	0	COUA10
CRAI30	SHEPD	0.99	32.2	31.6	0	CRAI10
DOUN50	SHEPD	0.99	8.3	6.4	0	DOUN10
DUBE30	SHEPD	1	15.4	13.1	0	DUBE1Q
DUDH30	SHEPD	0.97	37	34.4	0	DUDH1Q / DUDH1R
DUGR30	SHEPD	0.98	8.9	7	2	DUGR1Q
DUNO30	SHEPD	0.97	19.3	15.3	5	DUNO1Q / DUNO1R
DYCE30	SHEPD	0.96	50.6	42.4	4	DYCE1Q / DYCE1R
ELGI30	SHEPD	0.97	58.1	57.8	0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.97	-0.2	0.9	1	FASN10
FAUG30	SHEPD	0.96	1.5	0.9	1	FAUG10
FIDD30	SHEPD	0.98	24.7	24.7	0	FIDD1Q
FRAS30	SHEPD	0.95	24.2	21.6	0	FRAS1Q / FRAS1R
FWIL30	SHEPD	0.98	70.5	41.9	5	FWIL1Q / FWIL1R
GLAG30	SHEPD	0.98	32.3	24.9	2	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.92	3.9	4	4	GRUB1Q / GRUB1R
INNE30	SHEPD	0.97	82.3	83.4	4	INNE1Q / INNE1R
KEIT30	SHEPD	1	0	0	0	KEIT10

KEMD30	SHEPD	0.98	92.3	86.2	0	
KIIN30	SHEPD	0.94	-2.4	-3.7	0	KIIN10
KILO30	SHEPD	0.98	3.3	2.8	0	KILO10
KINT30	SHEPD	0.98	82.4	82.4	0	KINT10
LAIR50	SHEPD	0.53	0.7	0.3	2	LAIR1Q
LUNA30	SHEPD	0.99	73	69.2	1	LUNA1Q / LUNA1R
LYND30	SHEPD	0.99	32.7	32.5	0	LYND1Q / LYND1R
MACD30	SHEPD	1	0	0	0	MACD1Q
MILC30	SHEPD	0.99	68	67.3	7	MILC10
MYBS30	SHEPD	0.95	9.9	8.3	0	MYBS1Q / MYBS1R
NAIR30	SHEPD	0.96	43	37.2	0	NAIR10
PEHG30	SHEPD	0.97	29.5	23.6	0	PEHG1Q / PEHG1R
PEHS50	SHEPD	0.99	10.4	7.2	0	PEHE10
PERS30	SHEPD	0.98	51.5	50.1	3	PERS10
PORA30	SHEPD	0.98	16	11.4	5	PORA1Q / PORA1R
RANN30	SHEPD	0.97	-1	1.2	3	RANN1Q / RANN1R
REDM30	SHEPD	0.97	52.9	52	0	REDM1Q / REDM1R
SFEG50	SHEPD	0.97	16.4	15.1	0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.95	-4	1.3	5	SFIL1Q
SHIN50	SHEPD	0.74	1.2	0.3	0	SHIN10
SLOY11	SHEPD	0.99	3.5	2.8	0	SLOY10
STLE30	SHEPD	0.88	14.1	9.1	2	STLE10
STRI30	SHEPD	0.98	19.4	16.8	0	STRI1Q / STRI1R
TARL30	SHEPD	0.97	18.9	13.4	0	TARL1Q / TARL1R
TAYN30	SHEPD	0.97	30.8	23.4	11	TAYN1Q / TAYN1R
THSO30	SHEPD	1	42.8	39.7	12	THSO1Q / THSO1R
TUMB30	SHEPD	0.98	16.8	14.6	1	TUMB1Q / TUMB1R
WIOW30	SHEPD	0.98	48.4	46.9	0	WIOW1Q / WIOW1R
WOHI30	SHEPD	0.98	45.7	45.7	0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	0.98	63	63	0	AMEM4A_SEP / AMEM4B_SEP
AXMI10	Southern Electric	0.96	121.4	121.4	3	AXMI40_SEP
BOTW10	Southern Electric	0.97	183.7	190.5	2	BOTW40
BRFL40	Southern Electric	0.94	1384.6	1384.6	76	BRFL40
BRLE13	Southern Electric	0.93	106.6	106.6	3	BRLE40
BRLE14	Southern Electric	0.93	106.6	106.6	3	BRLE40
CHIC10	Southern Electric	0.95	105.5	105.5	47	CHIC40
COWL10	Southern Electric	0.96	765	765	4	COWL40
EALI60	Southern Electric	0.92	250.4	250.4	2	EALI20
FAWL10	Southern Electric	0.89	334.8	334.8	125	FAWL40

IVER10	Southern Electric	0.97	470.3	468.6	20	IVER20
IVER60	Southern Electric	0.86	138.1	138.1	4	IVER20
LALE10	Southern Electric	0.9	252.1	252	16	LALE20_SEP
LOVE10	Southern Electric	0.96	680.6	680.6	17.6	LOVE40
MANN10	Southern Electric	0.98	738.9	738.9	7	MANN40
MELK10	Southern Electric	0.95	397.3	414.7	11	MELK40_SEP
MITY10	Southern Electric	0.97	358.1	358.1	3.9	MITY40
NHYD60	Southern Electric	0.95	227.9	227.9	0	NHYD2A / NHYD2B
NURS10	Southern Electric	0.97	438.6	438.6	5	NURS40
TYNE50	Southern Electric	0.95	5.9	5.9	0	TYNE20
WISD60	Southern Electric	0.94	148.6	148.6	0	WISD20_EPN
AYR20	SP Distribution	0.97	66.6	63.8	0	AYRR2Q / AYRR2R
BRAE1	SP Distribution	0.96	40.5	37.4	0	BRAP10
GRMO3	SP Distribution	0.98	41.4	34.7	4	GRMO20
HAGR3	SP Distribution	0.97	55.1	45.5	0	HAGR1Q / HAGR1R
PAIS3	SP Distribution	0.98	43.5	31.8	0	PAIS1S / PAIS1T
BAGA10	SP Distribution	0.98	67.1	64.5	0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	0.97	41.7	39.6	0	BAIN10
BERW10	SP Distribution	0.81	35.1	23.5	0	BERW1Q / BERW1R
BONN20	SP Distribution	0.94	71.1	73.1	0	BONN20
BROX10	SP Distribution	0.97	60.3	55.3	0	BROX1Q / BROX1R
CAFA10	SP Distribution	1	0.3	-7.2	5	CAFA1Q
CATY10	SP Distribution	0.97	54.3	52	0	CATY1Q / CATY1R
CHAP10	SP Distribution	0.94	47.1	47.4	0	CHAP10
CHAS20	SP Distribution	0.96	91.3	58.4	0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	0.98	89.3	75.3	7	CLYM20
COAT30	SP Distribution	0.98	74.5	70.8	0	COAT2Q / COAT2R
COCK30	SP Distribution	0.98	48.4	46.6	0	COCK20
COYL10	SP Distribution	0.93	51	41.3	10	COYL10
CROO31	SP Distribution	0.99	52.9	49.2	0	CROO1Q / CROO1R
CROO32	SP Distribution	0.99	28.8	19.1	0	CROO1Q / CROO1R
CUMB10	SP Distribution	0.98	54.7	49.1	9	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.96	69.5	67	0	CUPA1Q / CUPA1R
CURR20	SP Distribution	0.98	13.1	12.3	0	CURR10
DEVM10	SP Distribution	0.98	55.9	35.6	0	DEVM10
DEVO10	SP Distribution	0.95	65	54.5	0	DEVO10
DEWP30	SP Distribution	0.97	104.7	97.8	0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.99	17.9	7.1	0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	0.99	80.9	76.6	0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	0.91	48.2	41.5	0	DUMF10

DUMF32	SP Distribution	0.9	11.2	7.5	0	DUMF10
DUMF50	SP Distribution	0.99	18.1	16.7	0	DUMF10
DUNB30	SP Distribution	0.92	40.6	31.2	0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	0.98	41.5	16.6	1	DUNF1Q / DUNF1R
EAST50	SP Distribution	-1	0.9	-7.8	5	EAST1Q
ECCL30	SP Distribution	1	56.2	33.2	0	ECCL10
EERH30	SP Distribution	0.97	106.5	102.4	0	EERH20
EKIL30	SP Distribution	0.97	77.3	74.1	0	EKIL2S / EKIL2T
EKIS30	SP Distribution	0.96	38.9	33.5	4	EKIS20
ELDE10	SP Distribution	0.98	48.1	46.3	0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	0.98	25.5	24	0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.92	48.5	38.2	8	GALA10
GIFF30	SP Distribution	0.98	82.6	71.2	0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1	2.6	-11.7	14	GLLE10
GLLU30	SP Distribution	0.91	28.2	14.4	5	GLLU1Q / GLLU1R
GLNI30	SP Distribution	0.98	26.8	13	0	GLNI10
GLRO30	SP Distribution	0.96	45.8	44	0	GLRO20
GORG30	SP Distribution	0.97	37.9	32.7	0	GORG1Q / GORG1R
GOVA30	SP Distribution	0.97	42.8	30.6	0	GOVA1Q / GOVA1R
GRMO30	SP Distribution	0.98	38.8	33	0	GRMO20
HAWI30	SP Distribution	0.98	28.3	20.6	0	HAWI10
HELE30	SP Distribution	0.99	22.8	11.1	0	HELE10
HUNF30	SP Distribution	0.62	7.7	3.7	0	HUNF1Q / HUNF1R
INKE30	SP Distribution	0.98	59.7	57.4	0	INKE1Q / INKE1R
JOHN30	SP Distribution	0.98	51.1	48.8	0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	0.98	98.2	92.8	5	KAIM20
KEOO50	SP Distribution	-1	0.4	-15.1	14	KEOO10
KIER30	SP Distribution	0.98	77.3	71	2	KIER1Q / KIER1R
KILB30	SP Distribution	0.97	35.7	23.5	0	KILB1Q / KILB1R
KILB50	SP Distribution	0.98	11.9	10.9	0	KILB1Q / KILB1R
KILS30	SP Distribution	0.98	38.6	34	1	KILS20
KILT30	SP Distribution	0.96	92.8	88.7	0	KILT2Q / KILT2R
KILW30	SP Distribution	0.96	52.2	22.3	16	KILW10
LEVE30	SP Distribution	0.97	43.9	41.3	0	LEVE1Q / LEVE1R
LING30	SP Distribution	0.97	73.2	65.2	0	LING1Q / LING1R
LINM30	SP Distribution	0.94	55.8	41.5	20	LINM20
MAYB30	SP Distribution	0.96	24.8	19.8	1	MAYB10
NEAR30	SP Distribution	0.98	86.8	84.1	4	NEAR20
NETS30	SP Distribution	0.89	12.5	10.4	0	NETS10
PART30	SP Distribution	0.98	50.9	46.6	0	PART1Q / PART1R

POOB30	SP Distribution	0.97	90	84.7	3	POOB2Q / POOB2R
PORD30	SP Distribution	0.98	86.9	76.8	0	PORD2Q / PORD2R
RAVE30	SP Distribution	1	23.8	8.9	0	RAVE2Q / RAVE2R
REDH30	SP Distribution	0.98	46.8	43.1	0	REDH10
SACO3A	SP Distribution	0.93	43.8	36.7	12	SACO1Q / SACO1R
SACO3B	SP Distribution	0.92	37	32.4	0	SACO1Q / SACO1R
SANX30	SP Distribution	0.97	57.7	54	0	SANX1Q / SANX1R
SHRU30	SP Distribution	0.98	74.7	42.5	0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	0.99	108.1	103.9	0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	0.98	44.5	38.9	0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.98	58.8	48	0	STHA20
STIR30	SP Distribution	0.97	80.1	69.3	0	STIR1S / STIR1T
STLE30	SP Distribution	0.98	66.5	63.9	0	STLE10
TELR30	SP Distribution	0.99	39.3	37.7	0	TELR1Q / TELR1R
TONG50	SP Distribution	0.93	28.6	24.1	0	TONG10
WFIE30	SP Distribution	0.93	40.4	27.7	8	WFIE10
WGEO30	SP Distribution	0.96	99.8	81.6	0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	0.98	69.3	61	0	WHHO2Q / WHHO2R
WISH10	SP Distribution	0.98	98.5	79.4	0	WISH20
COCK30	SP Generation	0.86	13	13	0	COCK20
BIRK10	SP MANWEB	0.99	287	287	30	BIRK20
CAPE10	SP MANWEB	0.96	255	249	71	CAPE20
CARR10	SP MANWEB	0.94	117	111	146	CARR20
CASK10	SP MANWEB	0.92	420	205	657	FROD40
CELL10	SP MANWEB	0.95	179	179	2	CELL40_AQUL
CONQ10	SP MANWEB	0.93	266	276	65	DEES40
FIDF13	SP MANWEB	0.94	280	258	24	FIDF20
FROD10	SP MANWEB	0.96	82	82	22	FROD20
IMPP30	SP MANWEB	1	90	90	0	IMPP40
INCE10	SP MANWEB	0.97	109	75	44	FROD20
KIBY10	SP MANWEB	0.98	389	378	16	KIBY20
LEGA10	SP MANWEB	0.93	331	327	45	LEGA40
LISD10	SP MANWEB	1	336	336	7	LISD20
PENT10	SP MANWEB	0.99	172	172	12	PENT40
RAIN10	SP MANWEB	0.99	448	448	22	RAIN20
SHOT10	SP MANWEB	0.99	82	82	252	DEES40
SWAN11	SP MANWEB	0.91	23.5	16.6	16	SWAN20_SPM
SWAN12	SP MANWEB	0.91	27.5	19.4	18	SWAN20_SPM
TRAW10	SP MANWEB	1	83	72	39	TRAW20
WYLF10	SP MANWEB	0.98	59	64	4	WYLF40

FERR11	SSE Generation Ltd	0.85	23	4	0	Station Load
FERR12	SSE Generation Ltd	0.85	23	4	0	Station Load
ABTH11	SWALEC (Infralec)	0.98	104.1	101.2	1	ABTH20
ABTH12	SWALEC (Infralec)	0.98	104.1	101.2	1	ABTH20
ALST30	SWALEC (Infralec)	0.8	54	1.1	0	
CARE10	SWALEC (Infralec)	0.98	188.4	183.1	1	CARE20
GRAN60	SWALEC (Infralec)	0.67	115.2	3.4	5	MAGA20
PEMB10	SWALEC (Infralec)	0.95	199.3	199.1	0	PEMB40
PYLE10	SWALEC (Infralec)	0.96	156.7	119	14	PYLE20
RASS10	SWALEC (Infralec)	0.97	229	229	5	RASS40
SWAN11	SWALEC (Infralec)	0.99	240.5	233.2	14	SWAN20_SWA
SWAN12	SWALEC (Infralec)	0.99	282.4	273.7	16	SWAN20_SWA
UPPB10	SWALEC (Infralec)	0.97	172.4	156.4	2	UPPB20
UPPB30	SWALEC (Infralec)	0.97	104.5	87	1	UPPB20
USKM10	SWALEC (Infralec)	0.92	272	259	6	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	0.95	22	22	0	MEAD10
ABHA11	WPD(formerly SWEB)	1	103.5	98.4	0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1	148.9	141.6	0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	-1	213	203	0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	0.97	109.9	105	0	AXMI40_SWEB
BRWA10	WPD(formerly SWEB)	0.96	240	228	0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1	317	302	0	EXET40
INDQ10	WPD(formerly SWEB)	1	449	427	0	INDQ40
IROA11	WPD(formerly SWEB)	0.98	206.6	196.9	0	IROA20_SWEB
IROA12	WPD(formerly SWEB)	0.98	258.4	246.1	0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1	268	255	0	LAND40
MELK10	WPD(formerly SWEB)	0.98	97	92	0	MELK40_SWEB
SEAB11	WPD(formerly SWEB)	0.96	300	286	0	SEAB40
TAUN10	WPD(formerly SWEB)	0.99	129	123	0	TAUN4B
BRAW11	Yorkshire Electricity	1	233	232	0	BRAW20
BRAW12	Yorkshire Electricity	1	267	267	3	BRAW20
CAML60	Yorkshire Electricity	0.96	26	25	0	DRAX40
CREB11	Yorkshire Electricity	0.94	219	220	4	CREB40
CREB12	Yorkshire Electricity	0.97	271	270	25	CREB40
DRAX11	Yorkshire Electricity	0.85	26.1	21.6	0	DRAX40
DRAX12	Yorkshire Electricity	0.85	26.1	21.6	0	DRAX40
ELLA11	Yorkshire Electricity	0.94	194	171	50	ELLA20
ELLA12	Yorkshire Electricity	0.94	191	169	5	ELLA20

FERR11	Yorkshire Electricity	0.94	154	150	59	FERR20_YED / FERR2A_YED / FERR2B_YED
FERR12	Yorkshire Electricity	0.94	162	158	0	FERR20_YED
FERR60	Yorkshire Electricity	0.97	97	96	3	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.95	165	147	36	GRIW40
JORD30	Yorkshire Electricity	0.98	74	71	0	JORD20
KEAD10	Yorkshire Electricity	0.71	419	333	28	KEAD40
KIRK10	Yorkshire Electricity	0.95	307	301	4	KIRK20
NEEP30	Yorkshire Electricity	0.95	89	89	0	NEEP20
NORL30	Yorkshire Electricity	0.99	73	72	0	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.93	64	54	0	PITS20
PITS32	Yorkshire Electricity	0.81	45	6	0	PITS20
SAEN10	Yorkshire Electricity	0.99	133	113	3	SAEN20
SHEC30	Yorkshire Electricity	0.96	93	86	0	SHEC20
SKLG10	Yorkshire Electricity	0.96	650	642	19	SKLG20
THOM60	Yorkshire Electricity	0.95	145.7	141.8	5	THOM20
THUR60	Yorkshire Electricity	0.96	184	184	1	THUR20
WIBA30	Yorkshire Electricity	0.88	38	33	1	WIBA20
WMEL11	Yorkshire Electricity	0.95	145.7	141.8	10	WMEL20
WMEL12	Yorkshire Electricity	0.95	145.7	141.8	1	WMEL20
WMEL13	Yorkshire Electricity	1	370	367	4.1	WMEL20

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Table E.1.4 - GSP Winter peak Demand (MW), Generation (MW) and Power Factor, 2012/13

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1	325	325	0	BLYT20
WYLF10	Anglesey Aluminium	0.98	264	264	0	Station Load
TEMP30	BOC	0.98	10	8	0	TEMP20
DUNG20	British Energy	0.79	14	14	0	Station Load
EGGB41	British Energy	0.9	40	17	0	Station Load
HEYS10	British Energy	0.79	115	61	0	Station Load
HINP21	British Energy	0.76	47.5	12	0	Station Load
HINP22	British Energy	0.76	47.5	12	0	Station Load
SIZE40	British Energy	0.8	4	4	0	Station Load
TREM30	Celsa	0.85	95	0	0	TREM20
BESW10	Central Networks East (EMEB)	0.97	403.9	403.9	2	BESW20
BICF10	Central Networks East (EMEB)	0.96	192.2	182.5	58	BICF4A /BICF4B
CHTE10	Central Networks East (EMEB)	0.95	577	570.1	10.6	CHTE20
COVE10	Central Networks East (EMEB)	0.93	592.6	592.6	10	COVE20
DRAK10	Central Networks East (EMEB)	0.95	204.1	204.1	2	DRAK20
ECLA10	Central Networks East (EMEB)	0.9	432.7	432.7	3	ECLA40_EME
ENDE10	Central Networks East (EMEB)	0.95	543.4	538.1	4	ENDE40
GREN10	Central Networks East (EMEB)	0.93	749.4	749.4	27.6	GREN40_EME
HAMH12	Central Networks East (EMEB)	0.96	0	0	0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	0.96	134	134	1	HAMH40_EME
RATS10	Central Networks East (EMEB)	0.94	610.3	577.9	3	RATS40
SBAR40	Central Networks East (EMEB)	0.96	109.6	104.7	0	SBAR40

STYC10	Central Networks East (EMEB)	0.93	188.7	188.7	2	STAY40
WALP10	Central Networks East (EMEB)	0.89	277.5	261.6	2	WALP40_EME
WBUR10	Central Networks East (EMEB)	0.95	289.3	288.6	4	WBUR40
WILL10	Central Networks East (EMEB)	0.96	647.6	642.4	2	WILE20
BISW10	Central Networks West (Aquila)	0.97	490.7	484.2	0	BISW20
BUSH10	Central Networks West (Aquila)	0.96	171.3	161.3	5	BUSH20
BUST10	Central Networks West (Aquila)	0.96	387.2	386.8	0	BUST20
CELL10	Central Networks West (Aquila)	0.88	482.7	482.7	50.8	CELL40_AQUL
ECLA10	Central Networks West (Aquila)	0.98	74.8	74.2	0.8	ECLA40_EME
FECK60	Central Networks West (Aquila)	0.87	352.3	311.7	0	FECK20
GLOU10	Central Networks West (Aquila)	0.95	691.4	691.4	8.5	WALH40
HAMH11	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
IROA11	Central Networks West (Aquila)	0.96	102.1	102.1	0	IROA20_AQUIL
IRSH40	Central Networks West (Aquila)	0.94	345.2	345.2	0	IRSH40
KITW10	Central Networks West (Aquila)	0.96	445.2	445.2	0	KITW20
LEAM10	Central Networks West (Aquila)	0.94	310	310	0	HAMH40_AQUL
NECH10	Central Networks West (Aquila)	0.89	401.9	371.3	25.2	NECH20
OCKH10	Central Networks West (Aquila)	0.96	128.4	111.8	0	OCKH20
OLDB10	Central Networks West (Aquila)	0.97	102	102.2	0	OLDB20
PENN10	Central Networks West (Aquila)	0.94	323.9	323.9	0	PENN20
RUGE10	Central Networks West (Aquila)	0.96	256.1	256.1	0	RUGE40
WIEN10	Central Networks West (Aquila)	0.94	215.9	201.1	0	WIEN2A /WIEN2B
GREN10	Corby Power Ltd	1	0	0	0	GREN40_EME

ALDW31	CORUS	0.75	36	36	0	ALDW20
ALDW32	CORUS	0.82	160	88	0	ALDW20
GRT060	CORUS	0.8	8	8	0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5	3	0	RAVE2Q /RAVE2R
STSB60	CORUS	0.92	70	0	0	STSB40
TEMP30	CORUS	0.75	12	7	0	TEMP20
TINP32	CORUS	0.7	59	49	0	TINP2A /TINP2B
TODP60	CORUS	0.8	10	1	88	TODP20
WHSO31	CORUS	0.91	48.2	28.6	0	WHSO20
WHSO32	CORUS	0.91	48.2	28.6	0	WHSO20
WILL10	Derwent	1	0	0	0	Station Load
DRAX11	Drax Power Limited	0.9	17	17	0	Station Load
DRAX12	Drax Power Limited	0.9	75	75	0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.34	40	8	0	Station Load
DEES4	E.ON (UK) plc (Powergen)	1	25	0	0	
GRAI40	E.ON (UK) plc (Powergen)	0.83	31	6	18	Station Load
IRON10	E.ON (UK) plc (Powergen)	0.77	50	6	0	Station Load
KINO10	E.ON (UK) plc (Powergen)	0.8	40	10	0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.77	43	13	0	Station Load
AMEM10	Eastern Power Networks	0.96	71.6	60.8	0	AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	0.97	104.1	104.1	0	BARK20_EPN
BARW30	Eastern Power Networks	0.94	70.4	67.8	0	BARK20_EPN
BRFO10	Eastern Power Networks	0.96	837.8	837.7	265	BRFO40
BRIM10	Eastern Power Networks	0.95	275.9	271.2	0	BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.95	799.6	799.6	0	RAYL40 / BRAI4A
BURW10	Eastern Power Networks	0.96	337.8	337.7	0	BURW40
EASO10	Eastern Power Networks	0.96	174.8	174.8	7.5	EASO40
ELRH10	Eastern Power Networks	0.96	547	547	0	ELST20 / RYEH40 / RYEH4A

ELST10	Eastern Power Networks	0.96	107.2	97	0	ELST20
ELWS10	Eastern Power Networks	0.96	344.2	342	0	ELST20 / WATS20
GREN10	Eastern Power Networks	0.96	149.8	149.8	5.7	GREN40_EME
MILH10	Eastern Power Networks	0.96	230.8	230.8	0	MILH2A_EPN / MILH2B_EPN
NORW10	Eastern Power Networks	0.96	967.2	661.8	29	NORW40
PEWY10	Eastern Power Networks	0.96	545.8	545.8	0	WYMO40 / PELH40
SUND10	Eastern Power Networks	0.96	513.8	513.8	19.8	SUND40
TILB11	Eastern Power Networks	0.96	61.8	59	5	TILB20
TILB12	Eastern Power Networks	0.96	67.2	67.1	4	TILB20
TILB13	Eastern Power Networks	0.96	67.2	67.1	4	TILB20
TILB14	Eastern Power Networks	0.96	61.8	59	5	TILB20
TOTT10	Eastern Power Networks	0.96	374.6	368	28.9	TOTE20 / TOTW20
WALP10	Eastern Power Networks	0.96	639.1	608.7	82.5	WALP40_EME
WARL10	Eastern Power Networks	0.96	267.7	264.8	12	WARL20
WATS12	Eastern Power Networks	0.96	225.3	224.8	0	WATS20
WISD10	Eastern Power Networks	0.96	55.8	55.8	0	WISD20_EME
WTHU60	Eastern Power Networks	0.96	43.1	42.5	0	WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	0.97	155.2	155.2	0	BARK20_LPN
BARW30	EDF (Formerly LPN)	0.94	183.9	190.4	0	
BEDD10	EDF (Formerly LPN)	0.96	159.1	146.6	0	
BRIM10	EDF (Formerly LPN)	0.95	152.5	152.5	0	BRIM2A_LPN / BRIM2B_LPN / BRIM2C_LPN
CITR10	EDF (Formerly LPN)	0.96	1077.1	977.7	7.2	CITR42
HACK10	EDF (Formerly LPN)	0.96	210.5	210.5	0	HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	0.97	175.6	170.5	0	HACK2A /HACK2B
HURS10	EDF (Formerly LPN)	0.96	338.2	332.7	0	HURS20
LITT10	EDF (Formerly LPN)	0.96	180.5	180.5	4.3	LITT40

LODR60	EDF (Formerly LPN)	0.96	439.3	433.5	0	SJOW20
MILH10	EDF (Formerly LPN)	0.92	0	0	0	MILH2A_EPN / MILH2B_EPN
NEWX10	EDF (Formerly LPN)	0.96	228.3	227.2	0	NEWX20
NEWX60	EDF (Formerly LPN)	0.96	296	296	0	NEWX20
REBR30	EDF (Formerly LPN)	0.98	118.1	118	0	REBR20
SJOW10	EDF (Formerly LPN)	0.96	782.6	746.4	4	SJOW40
WHAM10	EDF (Formerly LPN)	0.96	607.5	595.2	4	WHAM40
WIGP10	EDF (Formerly LPN)	0.96	631.7	625.5	0	WIMB20
WIMB14	EDF (Formerly LPN)	0.96	162.7	159.7	0	WIMB20
WISD10	EDF (Formerly LPN)	0.96	274.3	268.5	0	WISD20_LPN
WISD60	EDF (Formerly LPN)	0.96	145.8	145.8	0	WISD20_LPN
WBUR10	EdF Energy	0.87	60	9	0	Station Load
SFEM50	Exxon Mobil	1	21.4	21.4	0	SFEM10
SEFI10	Fellside Heat and Power	1	43	43	0	Station Load
DINO40	First Hydro	1	1650	0	0	Station Load
FFES21	First Hydro	1	150	0	0	Station Load
FFES22	First Hydro	1	150	0	0	Station Load
BAGB20	GE Energy	0.95	27	27	530	Station Load
HUMR40	Immingham CHP	1	0	0	0	
GRMO30	Ineos (Innovene) Grangemouth	0.98	74.8	74.8	0	GRMO20
RUGE10	International Power	0.8	30	4	0	RUGE40
CULJ31	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ32	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ33	J E T	0.95	0.1	0.1	0	CULJ4A
HARE30	MOD	0.8	15	16	0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.88	88	88	0	GRAI40
SFEG10	National Grid	0.97	50	50	0	SFEG10
BARK10	Network Rail	0.85	0	0	0	BARK20_EPN
BARK40	Network Rail	1	6	6	0	BARK20_EPN
BERW10	Network Rail	1	3	2	0	BERW1Q / BERW1R
CATY1A	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
CATY1B	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
DEVM10	Network Rail	1	2	1	0	DEVM10
ECCF1A	Network Rail	1	2	2	0	
ECCF1B	Network Rail	1	2	2	0	
ELST4A	Network Rail	1	13	13	0	ELST20
ELST4B	Network Rail	1	13	13	0	ELST20

ELVA20	Network Rail	1	4	1	0	
HARK40	Network Rail	1	4	1	0	HARK20
INWI1A	Network Rail	1	3	3	0	
INWI1B	Network Rail	1	3	3	0	
LEIB4A	Network Rail	1	3.5	3	0	LEIB4B
LEIB4B	Network Rail	1	3.5	3	0	LEIB4B
PAFB4A	Network Rail	1	7.5	6	0	PAFB4B
PAFB4B	Network Rail	1	7.5	6	0	PAFB4B
POOB2A	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POOB2B	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POPP20	Network Rail	1	4	0	0	POPP20
RUGE40	Network Rail	1	10	9	0	RUGE40
SACO1A	Network Rail	1	2	2	0	SACO1Q / SACO1R
SACO1B	Network Rail	1	2	2	0	SACO1Q / SACO1R
SANX1A	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SANX1B	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SELL30	Network Rail	0.99	37	37	0	SELL40
SING40	Network Rail	0.99	37	21	0	SING40
STLE10	Network Rail	1	5	4	0	STLE10
WISH20	Network Rail	1	6	6	0	WISH20
WYMO40	Network Rail	1	14	11	0	WYMO40
ALCA1A	Northern Electric	0.9	119.5	-7	0	BLYT20
ALCA1B	Northern Electric	0.9	119.5	-7	0	BLYT20
BLYT60	Northern Electric	0.99	200	200	6	BLYT20
FERR11	Northern Electric	0.97	0	0	0	FERR20_NED
FERR12	Northern Electric	0.97	0	0	0	FERR20_NED
FOUR70	Northern Electric	1	17	14	0	FOUR20
HARM60	Northern Electric	0.98	105	102	3	HARM20
HAWP60	Northern Electric	0.98	123	123	3	HAWP20
KNAR10	Northern Electric	0.97	194	191	0	KNAR20
LACK60	Northern Electric	0.99	251	221	0	LACK20
NORT11	Northern Electric	0.96	271.2	265	12	NORT20
NORT12	Northern Electric	0.96	271.2	265	12	NORT20
OFFE30	Northern Electric	0.96	73	72	0	OFFE20
OSBA10	Northern Electric	0.98	287	281	2	OSBA40
POPP30	Northern Electric	0.98	54	53	0	POPP20
SALH10	Northern Electric	0.9	135	-52	117	SALH20
SPEN10	Northern Electric	0.96	277	277	7	SPEN20
SSHI30	Northern Electric	0.97	52	50	0	SSHI20
STEN11	Northern Electric	0.97	120	118.8	2	STEW20

STEN12	Northern Electric	0.97	120	118.8	2	STEW20
STES10	Northern Electric	0.97	274	271	7	STEW20
TYNE10	Northern Electric	0.99	239	238	1	TYNE20
WBOL60	Northern Electric	1	292	292	0	WBOL20
BRED10	NORWEB (UU)	0.95	345.8	345.8	0	BRED20
CARR10	NORWEB (UU)	0.95	266.2	266.2	20	CARR20
HARK11	NORWEB (UU)	0.93	24.2	24.2	224	HARK20
HARK12	NORWEB (UU)	0.92	59.5	59.5	134	HARK20
HEYS10	NORWEB (UU)	0.72	-197.1	-197.1	316	HEYS40
HUTT10	NORWEB (UU)	0.96	235.4	235.4	34	HUTT40
KEAR11	NORWEB (UU)	0.96	340.1	340.1	0	KEAR20
KEAR12	NORWEB (UU)	0.95	259.3	259.3	0	KEAR20
KEAR30	NORWEB (UU)	0.97	124.9	124.9	8	KEAR20
MACC30	NORWEB (UU)	0.95	83.2	83.2	9	MACC20
PADI10	NORWEB (UU)	0.94	219.1	219.1	0	PADI40
PENE11	NORWEB (UU)	0.96	170.8	170.8	0	PEWO40
PENE12	NORWEB (UU)	0.96	98.6	98.6	0	PEWO40
PENW11	NORWEB (UU)	0.96	98.5	98.5	6	PEWO20
PENW12	NORWEB (UU)	0.97	88.8	88.8	0	PEWO20
RAIN10	NORWEB (UU)	0.96	92.5	92.5	0	RAIN20
ROCH11	NORWEB (UU)	0.96	245.5	245.5	9	ROCH20
ROCH12	NORWEB (UU)	0.72	-34.4	-34.4	60	ROCH20
SMAN10	NORWEB (UU)	0.96	339.8	339.8	19	SMAN20
STAH10	NORWEB (UU)	0.93	373.3	283.3	12	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.94	435.6	435.6	0	STAL20
WASF1A	NORWEB (UU)	0.94	176.5	176.5	4	WASF2A
WASF1B	NORWEB (UU)	0.95	102.4	102.4	4	WASF2B
WHGA10	NORWEB (UU)	0.97	311.3	311.3	4	WHGA20
CHAP10	Nuclear Decommissi oning Authority	0.89	0	0	0	CHAP10
DUNG20	Nuclear Decommissi oning Authority	0.89	4	4	0	Station Load
HINP20	Nuclear Decommissi oning Authority	0.89	2	2	0	Station Load
OLDS11	Nuclear Decommissi oning Authority	0.85	5	5	0	Station Load
SIZE10	Nuclear Decommissi oning Authority	0.89	4	4	0	SIZE40

TRAW20	Nuclear Decommissioning Authority	0.89	1	1	0	TRAW20
WYLF10	Nuclear Decommissioning Authority	0.9	10	10	0	Station Load
ABTH11	RWE Npower plc (Innogy)	0.82	44	39	0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
BLYT60	RWE Npower plc (Innogy)	0.85	0	0	0	BLYT20
DRAY10	RWE Npower plc (Innogy)	0.85	50	15	0	
FAWL40	RWE Npower plc (Innogy)	0.65	20	3	0	FAWL40
LITT10	RWE Npower plc (Innogy)	0.88	23	4	0	LITT40
TILB11	RWE Npower plc (Innogy)	0.85	22	4	0	TILB20
SAES20	Saltend	0.96	100	100	0	SAES20
BEDD10	SEEBOARD Power Networks	0.96	590.2	588.2	0	
BOLN11	SEEBOARD Power Networks	0.96	496.7	496.7	0	BOLN40
BOLN12	SEEBOARD Power Networks	0.96	496.7	496.7	0	BOLN40
CHSI10	SEEBOARD Power Networks	0.96	225.5	224.5	0	CHSI20
CHSI1A	SEEBOARD Power Networks	0.96	79.8	78.9	0	CHSI20
CHSI1B	SEEBOARD Power Networks	0.96	79.8	78.9	0	CHSI20
CSEK40	SEEBOARD Power Networks	0.96	899.6	891.9	123	CSEK40
KEMS13	SEEBOARD Power Networks	0.96	72.4	0	0	KEMS40
KINO10	SEEBOARD Power Networks	0.96	246.7	247.8	0	KINO40
LALE10	SEEBOARD Power Networks	0.96	80.2	80	0	LALE20_SPN
LITT10	SEEBOARD Power Networks	0.96	12	12	0	LITT40
NFLE10	SEEBOARD Power Networks	0.96	457.6	453.5	43.7	NFLE40
NINF10	SEEBOARD Power Networks	0.96	477.5	477.5	0	NINF40

WWEY10	SEEBOARD Power Networks	0.96	432.6	432.2	0	WWEY20
GRST60	Sembcorp (Formerly ICI)	0.86	211	50	120	Station Load
MOSM50	SHELL	1	23.5	23.5	0	MOSM10
ABNE30	SHEPD	0.98	51	50.4	3	ABNE10
ALNE30	SHEPD	0.99	24.6	17.7	0	ALNE1Q / ALNE1R
ARBR30	SHEPD	0.98	41.6	41.4	0	ARBR1Q / ARBR1R
ARMO30	SHEPD	0.95	28.3	23.1	1	ARMO10
BEAU30	SHEPD	0.98	46.2	39.2	3	BEAU10
BOAG30	SHEPD	0.98	36.9	23.3	2	BOAG1Q / BOAG1R
BRAC30	SHEPD	0.98	46.8	45	2	BRAC1Q / BRAC1R
BRID30	SHEPD	0.98	43.2	42.7	0	BRID1Q / BRID1R
BROA30	SHEPD	0.98	11.6	9.6	1	BROA1Q
BROR30	SHEPD	0.99	12.8	9.9	0	BROR10
BUMU30	SHEPD	0.98	59	52.8	1	BUMU10
CAAD30	SHEPD	1	28.5	19	1	CAAD1Q / CAAD1R
CASS50	SHEPD	0.99	2.5	1.6	0	CASS1Q
CEAN50	SHEPD	0.95	5.1	2.3	0	CEAN1Q
CHAR30	SHEPD	0.98	31.6	31.4	0	CHAR10
CLAC30	SHEPD	0.94	-4.2	-3.9	8	CLAC1Q
CLAY30	SHEPD	0.97	65.5	60.6	0	CLAY1Q / CLAY1R
COUA30	SHEPD	0.97	30	25.7	0	COUA10
CRAI30	SHEPD	0.99	32.2	31.6	0	CRAI10
DOUN50	SHEPD	0.99	8.4	6.4	0	DOUN10
DUBE30	SHEPD	1	15.7	13.4	0	DUBE1Q
DUDH30	SHEPD	0.97	37	34.4	0	DUDH1Q / DUDH1R
DUGR30	SHEPD	0.98	9	7.1	2	DUGR1Q
DUNO30	SHEPD	0.97	19.3	15.3	5	DUNO1Q / DUNO1R
DYCE30	SHEPD	0.96	50.6	42.4	4	DYCE1Q / DYCE1R
ELGI30	SHEPD	0.97	58.3	58	0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.97	-0.2	0.9	1	FASN10
FAUG30	SHEPD	0.96	1.6	0.9	1	FAUG10
FIDD30	SHEPD	0.98	24.9	25	0	FIDD1Q
FRAS30	SHEPD	0.95	24.2	21.6	0	FRAS1Q / FRAS1R
FWIL30	SHEPD	0.98	72	42.8	5	FWIL1Q / FWIL1R
GLAG30	SHEPD	0.98	32.8	25.4	2	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.92	4.1	4.1	4	GRUB1Q / GRUB1R
INNE30	SHEPD	0.97	84.3	85.4	4	INNE1Q / INNE1R
KEIT30	SHEPD	1	0	0	0	KEIT10

KEMD30	SHEPD	0.98	93.7	87.5	0	
KIIN30	SHEPD	0.94	-2.4	-3.7	0	KIIN10
KILO30	SHEPD	0.98	3.3	2.8	0	KILO10
KINT30	SHEPD	0.98	84.1	84.1	0	KINT10
LAIR50	SHEPD	0.53	0.7	0.3	2	LAIR1Q
LUNA30	SHEPD	0.99	73.2	69.4	1	LUNA1Q / LUNA1R
LYND30	SHEPD	0.99	33.3	33.1	0	LYND1Q / LYND1R
MACD30	SHEPD	1	0	0	0	MACD1Q
MILC30	SHEPD	0.99	68.9	68.3	7	MILC10
MYBS30	SHEPD	0.95	10	8.4	0	MYBS1Q / MYBS1R
NAIR30	SHEPD	0.96	44.2	38.2	0	NAIR10
PEHG30	SHEPD	0.97	29.7	23.8	0	PEHG1Q / PEHG1R
PEHS50	SHEPD	0.99	10.5	7.3	0	PEHE10
PERS30	SHEPD	0.98	51.7	50.3	3	PERS10
PORA30	SHEPD	0.98	16	11.4	5	PORA1Q / PORA1R
RANN30	SHEPD	0.97	-1	1.2	3	RANN1Q / RANN1R
REDM30	SHEPD	0.97	52.9	52	0	REDM1Q / REDM1R
SFEG50	SHEPD	0.97	16.7	15.3	0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.95	-4	1.3	5	SFIL1Q
SHIN50	SHEPD	0.74	1.2	0.3	0	SHIN10
SLOY11	SHEPD	0.99	3.5	2.9	0	SLOY10
STLE30	SHEPD	0.88	14.2	9.2	2	STLE10
STRI30	SHEPD	0.98	19.5	16.9	0	STRI1Q / STRI1R
TARL30	SHEPD	0.97	19.1	13.5	0	TARL1Q / TARL1R
TAYN30	SHEPD	0.97	30.8	23.3	11	TAYN1Q / TAYN1R
THSO30	SHEPD	1	43.3	40.1	12	THSO1Q / THSO1R
TUMB30	SHEPD	0.98	17.1	14.9	1	TUMB1Q / TUMB1R
WIOW30	SHEPD	0.98	48.6	47.2	0	WIOW1Q / WIOW1R
WOHI30	SHEPD	0.98	46.1	46.1	0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	0.98	63.1	63.1	0	AMEM4A_SEP / AMEM4B_SEP
AXMI10	Southern Electric	0.96	121.8	121.8	3	AXMI40_SEP
BOTW10	Southern Electric	0.97	185.3	192.1	2	BOTW40
BRFL40	Southern Electric	0.94	1392	1392	76	BRFL40
BRLE13	Southern Electric	0.93	107.2	107.2	3	BRLE40
BRLE14	Southern Electric	0.93	107.2	107.2	3	BRLE40
CHIC10	Southern Electric	0.95	106.1	106.1	47	CHIC40
COWL10	Southern Electric	0.96	770.5	770.5	4	COWL40
EALI60	Southern Electric	0.92	253.9	253.9	2	EALI20
FAWL10	Southern Electric	0.89	336.5	336.5	125	FAWL40

IVER10	Southern Electric	0.97	482.4	480.6	20	IVER20
IVER60	Southern Electric	0.86	140.2	140.2	4	IVER20
LALE10	Southern Electric	0.9	264.3	264.2	16	LALE20_SEP
LOVE10	Southern Electric	0.96	685.2	685.2	17.6	LOVE40
MANN10	Southern Electric	0.98	743.2	743.2	7	MANN40
MELK10	Southern Electric	0.95	397.7	415.1	11	MELK40_SEP
MITY10	Southern Electric	0.97	361.1	361.1	3.9	MITY40
NHYD60	Southern Electric	0.95	246.5	246.5	0	NHYD2A / NHYD2B
NURS10	Southern Electric	0.97	441.9	441.9	5	NURS40
TYNE50	Southern Electric	0.95	6	6	0	TYNE20
WISD60	Southern Electric	0.94	162.5	162.5	0	WISD20_EPN
AYR20	SP Distribution	0.97	67.1	63.9	0	AYRR2Q / AYRR2R
BRAE1	SP Distribution	0.96	40.8	37.5	0	BRAP10
GRMO3	SP Distribution	0.98	41.7	34.7	4	GRMO20
HAGR3	SP Distribution	0.97	55.4	45.6	0	HAGR1Q / HAGR1R
PAIS3	SP Distribution	0.98	43.8	31.9	0	PAIS1S / PAIS1T
BAGA10	SP Distribution	0.98	67.5	64.7	0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	0.97	42	39.7	0	BAIN10
BERW10	SP Distribution	0.81	35.3	23.6	0	BERW1Q / BERW1R
BONN20	SP Distribution	0.94	71.5	73.3	0	BONN20
BROX10	SP Distribution	0.97	60.7	55.4	0	BROX1Q / BROX1R
CAFA10	SP Distribution	1	0.3	-7.2	5	CAFA1Q
CATY10	SP Distribution	0.97	54.7	52.1	0	CATY1Q / CATY1R
CHAP10	SP Distribution	0.94	47.4	47.5	0	CHAP10
CHAS20	SP Distribution	0.96	91.9	58.6	0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	0.98	89.8	75.5	7	CLYM20
COAT30	SP Distribution	0.98	75	70.9	0	COAT2Q / COAT2R
COCK30	SP Distribution	0.98	48.8	46.7	0	COCK20
COYL10	SP Distribution	0.93	51.3	41.4	10	COYL10
CROO31	SP Distribution	0.99	53.2	49.3	0	CROO1Q / CROO1R
CROO32	SP Distribution	0.99	29	19.2	0	CROO1Q / CROO1R
CUMB10	SP Distribution	0.98	55	49.2	9	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.96	70	67.2	0	CUPA1Q / CUPA1R
CURR20	SP Distribution	0.98	13.2	12.4	0	CURR10
DEVM10	SP Distribution	0.98	56.3	35.7	0	DEVM10
DEVO10	SP Distribution	0.95	65.5	54.7	0	DEVO10
DEWP30	SP Distribution	0.97	105.4	98	0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.99	18	7.1	0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	0.99	81.5	76.8	0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	0.91	48.5	41.6	0	DUMF10

DUMF32	SP Distribution	0.9	11.3	7.5	0	DUMF10
DUMF50	SP Distribution	0.99	18.2	16.7	0	DUMF10
DUNB30	SP Distribution	0.92	40.9	31.3	0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	0.98	41.8	16.7	1	DUNF1Q / DUNF1R
EAST50	SP Distribution	-1	0.9	-7.8	5	EAST1Q
ECCL30	SP Distribution	1	56.6	33.3	0	ECCL10
EERH30	SP Distribution	0.97	107.2	102.7	0	EERH20
EKIL30	SP Distribution	0.97	77.8	74.3	0	EKIL2S / EKIL2T
EKIS30	SP Distribution	0.96	39.1	33.6	4	EKIS20
ELDE10	SP Distribution	0.98	48.4	46.4	0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	0.98	25.6	24.1	0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.92	48.8	38.3	8	GALA10
GIFF30	SP Distribution	0.98	83.2	71.4	0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1	2.6	-11.7	14	GLLE10
GLLU30	SP Distribution	0.91	28.4	14.5	5	GLLU1Q / GLLU1R
GLNI30	SP Distribution	0.98	26.9	13.1	0	GLNI10
GLRO30	SP Distribution	0.96	46.1	44.1	0	GLRO20
GORG30	SP Distribution	0.97	38.1	32.8	0	GORG1Q / GORG1R
GOVA30	SP Distribution	0.97	43.1	30.6	0	GOVA1Q / GOVA1R
GRMO30	SP Distribution	0.98	39.1	33.1	0	GRMO20
HAWI30	SP Distribution	0.98	28.5	20.6	0	HAWI10
HELE30	SP Distribution	0.99	22.9	11.1	0	HELE10
HUNF30	SP Distribution	0.62	7.7	3.7	0	HUNF1Q / HUNF1R
INKE30	SP Distribution	0.98	60.1	57.5	0	INKE1Q / INKE1R
JOHN30	SP Distribution	0.98	51.5	48.9	0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	0.98	98.8	93	5	KAIM20
KEOO50	SP Distribution	-1	0.4	-15.1	14	KEOO10
KIER30	SP Distribution	0.98	77.8	71.2	2	KIER1Q / KIER1R
KILB30	SP Distribution	0.97	36	23.6	0	KILB1Q / KILB1R
KILB50	SP Distribution	0.98	12	11	0	KILB1Q / KILB1R
KILS30	SP Distribution	0.98	38.8	34.1	1	KILS20
KILT30	SP Distribution	0.96	93.4	88.9	0	KILT2Q / KILT2R
KILW30	SP Distribution	0.96	52.5	22.4	16	KILW10
LEVE30	SP Distribution	0.97	44.2	41.4	0	LEVE1Q / LEVE1R
LING30	SP Distribution	0.97	73.7	65.4	0	LING1Q / LING1R
LINM30	SP Distribution	0.94	56.1	41.7	20	LINM20
MAYB30	SP Distribution	0.96	25	19.9	1	MAYB10
NEAR30	SP Distribution	0.98	87.4	84.4	4	NEAR20
NETS30	SP Distribution	0.89	12.6	10.4	0	NETS10
PART30	SP Distribution	0.98	51.2	46.7	0	PART1Q / PART1R

POOB30	SP Distribution	0.97	90.5	84.9	3	POOB2Q / POOB2R
PORD30	SP Distribution	0.98	87.5	77	0	PORD2Q / PORD2R
RAVE30	SP Distribution	1	23.9	9	0	RAVE2Q / RAVE2R
REDH30	SP Distribution	0.98	47.1	43.2	0	REDH10
SACO3A	SP Distribution	0.93	44.1	36.8	12	SACO1Q / SACO1R
SACO3B	SP Distribution	0.92	37.3	32.5	0	SACO1Q / SACO1R
SANX30	SP Distribution	0.97	58.1	54.1	0	SANX1Q / SANX1R
SHRU30	SP Distribution	0.98	75.2	42.7	0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	0.99	108.8	104.2	0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	0.98	44.8	39	0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.98	59.1	48.1	0	STHA20
STIR30	SP Distribution	0.97	80.6	69.5	0	STIR1S / STIR1T
STLE30	SP Distribution	0.98	66.9	64.1	0	STLE10
TELR30	SP Distribution	0.99	39.5	37.8	0	TELR1Q / TELR1R
TONG50	SP Distribution	0.93	28.8	24.1	0	TONG10
WFIE30	SP Distribution	0.93	40.7	27.8	8	WFIE10
WGEO30	SP Distribution	0.96	100.4	81.8	0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	0.98	69.8	61.2	0	WHHO2Q / WHHO2R
WISH10	SP Distribution	0.98	99.1	79.6	0	WISH20
COCK30	SP Generation	0.86	13	13	0	COCK20
BIRK10	SP MANWEB	0.99	289	289	30	BIRK20
CAPE10	SP MANWEB	0.96	257	251	71	CAPE20
CARR10	SP MANWEB	0.94	119	112	146	CARR20
CASK10	SP MANWEB	0.92	420	207	657	FROD40
CELL10	SP MANWEB	0.95	181	181	2	CELL40_AQUL
CONQ10	SP MANWEB	0.93	268	278	65	DEES40
FIDF13	SP MANWEB	0.94	282	260	24	FIDF20
FROD10	SP MANWEB	0.96	83	83	22	FROD20
IMPP30	SP MANWEB	1	90	90	0	IMPP40
INCE10	SP MANWEB	0.97	110	76	44	FROD20
KIBY10	SP MANWEB	0.98	392	381	16	KIBY20
LEGA10	SP MANWEB	0.93	333	329	45	LEGA40
LISD10	SP MANWEB	1	338	338	7	LISD20
PENT10	SP MANWEB	0.99	173	173	12	PENT40
RAIN10	SP MANWEB	0.99	452	452	22	RAIN20
SHOT10	SP MANWEB	0.99	82	82	252	DEES40
SWAN11	SP MANWEB	0.91	23.9	16.6	16	SWAN20_SPM
SWAN12	SP MANWEB	0.91	28.1	19.4	18	SWAN20_SPM
TRAW10	SP MANWEB	1	84	73	39	TRAW20
WYLF10	SP MANWEB	0.98	59	64	4	WYLF40

FERR11	SSE Generation Ltd	0.85	23	4	0	Station Load
FERR12	SSE Generation Ltd	0.85	23	4	0	Station Load
ABTH11	SWALEC (Infracore)	0.98	105.2	102.2	1	ABTH20
ABTH12	SWALEC (Infracore)	0.98	105.2	102.2	1	ABTH20
ALST30	SWALEC (Infracore)	0.8	54	1.1	0	
CARE10	SWALEC (Infracore)	0.98	190.4	185	1	CARE20
GRAN60	SWALEC (Infracore)	0.67	116.4	3.7	5	MAGA20
PEMB10	SWALEC (Infracore)	0.95	200	200.7	0	PEMB40
PYLE10	SWALEC (Infracore)	0.96	158.3	120.3	14	PYLE20
RASS10	SWALEC (Infracore)	0.97	231.7	231.7	5	RASS40
SWAN11	SWALEC (Infracore)	0.99	243.2	235.8	14	SWAN20_SWA
SWAN12	SWALEC (Infracore)	0.99	285.5	276.8	16	SWAN20_SWA
UPPB10	SWALEC (Infracore)	0.97	174.1	158	2	UPPB20
UPPB30	SWALEC (Infracore)	0.97	105.6	88.1	1	UPPB20
USKM10	SWALEC (Infracore)	0.92	274	261	6	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	0.95	22	22	0	MEAD10
ABHA11	WPD(formerly SWEB)	1	104.3	99.6	0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1	150.2	143.4	0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	-1	215	205	0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	0.97	110.8	106	0	AXMI40_SWEB
BRWA10	WPD(formerly SWEB)	0.96	241	230	0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1	321	306	0	EXET40
INDQ10	WPD(formerly SWEB)	1	452	431	0	INDQ40
IROA11	WPD(formerly SWEB)	0.98	208.4	198.6	0	IROA20_SWEB
IROA12	WPD(formerly SWEB)	0.98	260.6	248.4	0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1	270	257	0	LAND40
MELK10	WPD(formerly SWEB)	0.98	98	93	0	MELK40_SWEB
SEAB11	WPD(formerly SWEB)	0.96	304	290	0	SEAB40
TAUN10	WPD(formerly SWEB)	0.99	130	124	0	TAUN4B
BRAW11	Yorkshire Electricity	1	234	234	0	BRAW20
BRAW12	Yorkshire Electricity	1	268	268	3	BRAW20
CAML60	Yorkshire Electricity	0.96	26	25	0	DRAX40
CREB11	Yorkshire Electricity	0.94	221	222	4	CREB40
CREB12	Yorkshire Electricity	0.97	272	272	25	CREB40
DRAX11	Yorkshire Electricity	0.85	26.2	21.7	0	DRAX40
DRAX12	Yorkshire Electricity	0.85	26.2	21.7	0	DRAX40
ELLA11	Yorkshire Electricity	0.94	194	172	50	ELLA20
ELLA12	Yorkshire Electricity	0.94	192	170	5	ELLA20

FERR11	Yorkshire Electricity	0.94	155	151	59	FERR20_YED / FERR2A_YED / FERR2B_YED
FERR12	Yorkshire Electricity	0.94	164	159	0	FERR20_YED
FERR60	Yorkshire Electricity	0.97	98	96	3	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.95	166	148	36	GRIW40
JORD30	Yorkshire Electricity	0.98	74	71	0	JORD20
KEAD10	Yorkshire Electricity	0.71	421	334	28	KEAD40
KIRK10	Yorkshire Electricity	0.95	310	305	4	KIRK20
NEEP30	Yorkshire Electricity	0.95	89	89	0	NEEP20
NORL30	Yorkshire Electricity	0.99	73	72	0	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.93	65	55	0	PITS20
PITS32	Yorkshire Electricity	0.81	45	6	0	PITS20
SAEN10	Yorkshire Electricity	0.99	133	113	3	SAEN20
SHEC30	Yorkshire Electricity	0.96	95	88	0	SHEC20
SKLG10	Yorkshire Electricity	0.96	655	647	19	SKLG20
THOM60	Yorkshire Electricity	0.95	147.4	143.4	5	THOM20
THUR60	Yorkshire Electricity	0.96	185	185	1	THUR20
WIBA30	Yorkshire Electricity	0.88	38	34	1	WIBA20
WMEL11	Yorkshire Electricity	0.95	147.4	143.4	10	WMEL20
WMEL12	Yorkshire Electricity	0.95	147.4	143.4	1	WMEL20
WMEL13	Yorkshire Electricity	1	373	370	4.1	WMEL20

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Table E.1.5 - GSP Winter peak Demand (MW), Generation (MW) and Power Factor, 2013/14

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1	325	325	0	BLYT20
WYLF10	Anglesey Aluminium	0.98	264	264	0	Station Load
TEMP30	BOC	0.98	10	8	0	TEMP20
DUNG20	British Energy	0.79	14	14	0	Station Load
EGGB41	British Energy	0.9	40	17	0	Station Load
HEYS10	British Energy	0.79	115	61	0	Station Load
HINP21	British Energy	0.76	47.5	12	0	Station Load
HINP22	British Energy	0.76	47.5	12	0	Station Load
SIZE40	British Energy	0.8	4	4	0	Station Load
TREM30	Celsa	0.85	95	0	0	TREM20
BESW10	Central Networks East (EMEB)	0.97	406.8	406.8	2	BESW20
BICF10	Central Networks East (EMEB)	0.96	193.5	183.8	58	BICF4A /BICF4B
CHTE10	Central Networks East (EMEB)	0.95	581.2	574.2	10.6	CHTE20
COVE10	Central Networks East (EMEB)	0.93	596.4	596.4	10	COVE20
DRAK10	Central Networks East (EMEB)	0.95	205.6	205.6	2	DRAK20
ECLA10	Central Networks East (EMEB)	0.9	441.2	441.2	3	ECLA40_EME
ENDE10	Central Networks East (EMEB)	0.95	547.3	542	4	ENDE40
GREN10	Central Networks East (EMEB)	0.93	761.6	761.6	27.6	GREN40_EME
HAMH12	Central Networks East (EMEB)	0.96	0	0	0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	0.96	135	135	1	HAMH40_EME
RATS10	Central Networks East (EMEB)	0.94	614.6	581.9	3	RATS40
SBAR40	Central Networks East (EMEB)	0.96	110.4	105.5	0	SBAR40

STYC10	Central Networks East (EMEB)	0.93	190.1	190.1	2	STAY40
WALP10	Central Networks East (EMEB)	0.89	279.4	263.3	2	WALP40_EME
WBUR10	Central Networks East (EMEB)	0.95	290.9	290.2	4	WBUR40
WILL10	Central Networks East (EMEB)	0.96	651.9	646.8	2	WILE20
BISW10	Central Networks West (Aquila)	0.97	494.2	487.7	0	BISW20
BUSH10	Central Networks West (Aquila)	0.96	172.6	162.5	5	BUSH20
BUST10	Central Networks West (Aquila)	0.96	390	389.6	0	BUST20
CELL10	Central Networks West (Aquila)	0.88	486.1	486.1	50.8	CELL40_AQUL
ECLA10	Central Networks West (Aquila)	0.98	75.3	74.7	0.8	ECLA40_EME
FECK60	Central Networks West (Aquila)	0.87	354.7	313.9	0	FECK20
GLOU10	Central Networks West (Aquila)	0.95	696.5	696.5	8.5	WALH40
HAMH11	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
IROA11	Central Networks West (Aquila)	0.96	117.1	117.1	0	IROA20_AQUIL
IRSH40	Central Networks West (Aquila)	0.94	347.7	347.7	0	IRSH40
KITW10	Central Networks West (Aquila)	0.96	448.4	448.4	0	KITW20
LEAM10	Central Networks West (Aquila)	0.94	312.2	312.2	0	HAMH40_AQUL
NECH10	Central Networks West (Aquila)	0.89	404.8	373.9	25.2	NECH20
OCKH10	Central Networks West (Aquila)	0.96	129.3	112.6	0	OCKH20
OLDB10	Central Networks West (Aquila)	0.97	102.7	102.9	0	OLDB20
PENN10	Central Networks West (Aquila)	0.94	326.2	326.2	0	PENN20
RUGE10	Central Networks West (Aquila)	0.96	258	258	0	RUGE40
WIEN10	Central Networks West (Aquila)	0.94	217.4	202.5	0	WIEN2A /WIEN2B
GREN10	Corby Power Ltd	1	0	0	0	GREN40_EME

ALDW31	CORUS	0.75	36	36	0	ALDW20
ALDW32	CORUS	0.82	160	88	0	ALDW20
GRT060	CORUS	0.8	8	8	0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5	3	0	RAVE2Q /RAVE2R
STSB60	CORUS	0.92	70	0	0	STSB40
TEMP30	CORUS	0.75	12	7	0	TEMP20
TINP32	CORUS	0.7	59	49	0	TINP2A /TINP2B
TODP60	CORUS	0.8	10	1	88	TODP20
WHSO31	CORUS	0.91	48.2	28.6	0	WHSO20
WHSO32	CORUS	0.91	48.2	28.6	0	WHSO20
WILL10	Derwent	1	0	0	0	Station Load
DRAX11	Drax Power Limited	0.9	17	17	0	Station Load
DRAX12	Drax Power Limited	0.9	75	75	0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.34	40	8	0	Station Load
DEES4	E.ON (UK) plc (Powergen)	1	25	0	0	
GRAI40	E.ON (UK) plc (Powergen)	0.83	31	6	18	Station Load
IRON10	E.ON (UK) plc (Powergen)	0.77	50	6	0	Station Load
KINO10	E.ON (UK) plc (Powergen)	0.8	40	10	0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.77	43	13	0	Station Load
AMEM10	Eastern Power Networks	0.96	72.5	61.7	0	AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	0.97	104.3	104.3	0	BARK20_EPN
BARW30	Eastern Power Networks	0.94	71.1	68.5	0	BARK20_EPN
BRFO10	Eastern Power Networks	0.96	848.3	848.2	265	BRFO40
BRIM10	Eastern Power Networks	0.95	276.3	271.6	0	BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.95	805.9	805.9	0	RAYL40 / BRAI4A
BURW10	Eastern Power Networks	0.96	339.9	339.8	0	BURW40
EASO10	Eastern Power Networks	0.96	175.8	175.8	7.5	EASO40
ELRH10	Eastern Power Networks	0.96	551.2	551.2	0	ELST20 / RYEH40 / RYEH4A

ELST10	Eastern Power Networks	0.96	108.5	98.2	0	ELST20
ELWS10	Eastern Power Networks	0.96	347.7	345.5	0	ELST20 / WATS20
GREN10	Eastern Power Networks	0.96	151.6	151.6	5.7	GREN40_EME
MILH10	Eastern Power Networks	0.96	233	233	0	MILH2A_EPN / MILH2B_EPN
NORW10	Eastern Power Networks	0.96	702.7	667.3	29	NORW40
PEWY10	Eastern Power Networks	0.96	551.6	551.5	0	WYMO40 / PELH40
SUND10	Eastern Power Networks	0.96	520.2	520.1	19.8	SUND40
TILB11	Eastern Power Networks	0.96	62.4	59.6	5	TILB20
TILB12	Eastern Power Networks	0.96	67.9	67.8	4	TILB20
TILB13	Eastern Power Networks	0.96	67.9	67.8	4	TILB20
TILB14	Eastern Power Networks	0.96	62.4	59.6	5	TILB20
TOTT10	Eastern Power Networks	0.96	376.5	370	28.9	TOTE20 / TOTW20
WALP10	Eastern Power Networks	0.96	643.4	613	82.5	WALP40_EME
WARL10	Eastern Power Networks	0.96	270.2	267.3	12	WARL20
WATS12	Eastern Power Networks	0.96	227.3	226.8	0	WATS20
WISD10	Eastern Power Networks	0.96	57.9	57.9	0	WISD20_EME
WTHU60	Eastern Power Networks	0.96	43.8	43.2	0	WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	0.97	158	158	0	BARK20_LPN
BARW30	EDF (Formerly LPN)	0.94	188.8	195.3	0	
BEDD10	EDF (Formerly LPN)	0.96	160.9	148.4	0	
BRIM10	EDF (Formerly LPN)	0.95	155.4	155.4	0	BRIM2A_LPN / BRIM2B_LPN / BRIM2C_LPN
CITR10	EDF (Formerly LPN)	0.96	1090.7	991.3	7.2	CITR42
HACK10	EDF (Formerly LPN)	0.96	141.8	141.8	0	HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	0.97	177.4	172.3	0	HACK2A /HACK2B
HURS10	EDF (Formerly LPN)	0.96	340.8	335.4	0	HURS20
LITT10	EDF (Formerly LPN)	0.96	180.5	180.5	4.3	LITT40

LODR60	EDF (Formerly LPN)	0.96	445.6	439.8	0	SJOW20
MILH10	EDF (Formerly LPN)	0.92	0	0	0	MILH2A_EPN / MILH2B_EPN
NEWX10	EDF (Formerly LPN)	0.96	239.6	238.5	0	NEWX20
NEWX60	EDF (Formerly LPN)	0.96	300.4	300.4	0	NEWX20
REBR30	EDF (Formerly LPN)	0.98	120.8	120.8	0	REBR20
SJOW10	EDF (Formerly LPN)	0.96	789.7	753.5	4	SJOW40
WHAM10	EDF (Formerly LPN)	0.96	643.5	631.2	4	WHAM40
WIGP10	EDF (Formerly LPN)	0.96	635.4	629.2	0	WIMB20
WIMB14	EDF (Formerly LPN)	0.96	166.3	163.3	0	WIMB20
WISD10	EDF (Formerly LPN)	0.96	274.5	268.7	0	WISD20_LPN
WISD60	EDF (Formerly LPN)	0.96	148.9	148.9	0	WISD20_LPN
WBUR10	EdF Energy	0.87	60	9	0	Station Load
SFEM50	Exxon Mobil	1	21.4	21.4	0	SFEM10
SEFI10	Fellside Heat and Power	1	43	43	0	Station Load
DINO40	First Hydro	1	1650	0	0	Station Load
FFES21	First Hydro	1	150	0	0	Station Load
FFES22	First Hydro	1	150	0	0	Station Load
BAGB20	GE Energy	0.95	27	27	530	Station Load
HUMR40	Immingham CHP	1	0	0	0	
GRMO30	Ineos (Innovene) Grangemouth	0.98	74.8	74.8	0	GRMO20
RUGE10	International Power	0.8	30	4	0	RUGE40
CULJ31	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ32	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ33	J E T	0.95	0.1	0.1	0	CULJ4A
HARE30	MOD	0.8	16	16	0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.88	88	88	0	GRAI40
SFEG10	National Grid	0.97	50	50	0	SFEG10
BARK10	Network Rail	0.85	0	0	0	BARK20_EPN
BARK40	Network Rail	1	6	6	0	BARK20_EPN
BERW10	Network Rail	1	3	2	0	BERW1Q / BERW1R
CATY1A	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
CATY1B	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
DEVM10	Network Rail	1	2	1	0	DEVM10
ECCF1A	Network Rail	1	2	2	0	
ECCF1B	Network Rail	1	2	2	0	
ELST4A	Network Rail	1	13	13	0	ELST20
ELST4B	Network Rail	1	13	13	0	ELST20

ELVA20	Network Rail	1	4	1	0	
HARK40	Network Rail	1	4	1	0	HARK20
INWI1A	Network Rail	1	3	3	0	
INWI1B	Network Rail	1	3	3	0	
LEIB4A	Network Rail	1	3.5	3	0	LEIB4B
LEIB4B	Network Rail	1	3.5	3	0	LEIB4B
PAFB4A	Network Rail	1	7.5	6	0	PAFB4B
PAFB4B	Network Rail	1	7.5	6	0	PAFB4B
POOB2A	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POOB2B	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POPP20	Network Rail	1	4	0	0	POPP20
RUGE40	Network Rail	1	10	9	0	RUGE40
SACO1A	Network Rail	1	2	2	0	SACO1Q / SACO1R
SACO1B	Network Rail	1	2	2	0	SACO1Q / SACO1R
SANX1A	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SANX1B	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SELL30	Network Rail	0.99	37	37	0	SELL40
SING40	Network Rail	0.99	37	21	0	SING40
STLE10	Network Rail	1	5	4	0	STLE10
WISH20	Network Rail	1	6	6	0	WISH20
WYMO40	Network Rail	1	14	11	0	WYMO40
ALCA1A	Northern Electric	0.9	119.8	-7	0	BLYT20
ALCA1B	Northern Electric	0.9	119.8	-7	0	BLYT20
BLYT60	Northern Electric	0.99	204	204	6	BLYT20
FERR11	Northern Electric	0.97	0	0	0	FERR20_NED
FERR12	Northern Electric	0.97	0	0	0	FERR20_NED
FOUR70	Northern Electric	1	17	14	0	FOUR20
HARM60	Northern Electric	0.98	106	103	3	HARM20
HAWP60	Northern Electric	0.98	124	124	3	HAWP20
KNAR10	Northern Electric	0.97	197	194	0	KNAR20
LACK60	Northern Electric	0.99	253	223	0	LACK20
NORT11	Northern Electric	0.96	274.7	268.4	12	NORT20
NORT12	Northern Electric	0.96	274.7	268.4	12	NORT20
OFFE30	Northern Electric	0.96	74	73	0	OFFE20
OSBA10	Northern Electric	0.98	292	286	2	OSBA40
POPP30	Northern Electric	0.98	55	54	0	POPP20
SALH10	Northern Electric	0.9	136	-52	117	SALH20
SPEN10	Northern Electric	0.96	280	280	7	SPEN20
SSHI30	Northern Electric	0.97	52	50	0	SSHI20
STEN11	Northern Electric	0.97	122.2	120.9	2	STEW20

STEN12	Northern Electric	0.97	122.2	120.9	2	STEW20
STES10	Northern Electric	0.97	277	274	7	STEW20
TYNE10	Northern Electric	0.99	244	243	1	TYNE20
WBOL60	Northern Electric	1	296	296	0	WBOL20
BRED10	NORWEB (UU)	0.95	345.8	345.8	0	BRED20
CARR10	NORWEB (UU)	0.95	266.2	266.2	20	CARR20
HARK11	NORWEB (UU)	0.93	24.1	24.1	224	HARK20
HARK12	NORWEB (UU)	0.92	59.5	59.5	134	HARK20
HEYS10	NORWEB (UU)	0.72	-197.1	-197.1	316	HEYS40
HUTT10	NORWEB (UU)	0.96	235.4	235.4	34	HUTT40
KEAR11	NORWEB (UU)	0.96	340.4	340.4	0	KEAR20
KEAR12	NORWEB (UU)	0.95	259.7	259.7	0	KEAR20
KEAR30	NORWEB (UU)	0.97	124.9	124.9	8	KEAR20
MACC30	NORWEB (UU)	0.95	83.2	83.2	9	MACC20
PADI10	NORWEB (UU)	0.94	219	219	0	PADI40
PENE11	NORWEB (UU)	0.96	170.7	170.7	0	PEWO40
PENE12	NORWEB (UU)	0.96	98.6	98.6	0	PEWO40
PENW11	NORWEB (UU)	0.96	98.5	98.5	6	PEWO20
PENW12	NORWEB (UU)	0.97	88.7	88.7	0	PEWO20
RAIN10	NORWEB (UU)	0.96	92.5	92.5	0	RAIN20
ROCH11	NORWEB (UU)	0.96	245.4	245.4	9	ROCH20
ROCH12	NORWEB (UU)	0.72	-34.5	-34.5	60	ROCH20
SMAN10	NORWEB (UU)	0.96	339.7	339.7	19	SMAN20
STAH10	NORWEB (UU)	0.93	373.2	283.2	12	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.94	436	436	0	STAL20
WASF1A	NORWEB (UU)	0.94	176.4	176.4	4	WASF2A
WASF1B	NORWEB (UU)	0.95	103.3	103.3	4	WASF2B
WHGA10	NORWEB (UU)	0.97	311.2	311.2	4	WHGA20
CHAP10	Nuclear Decommissi oning Authority	0.89	0	0	0	CHAP10
DUNG20	Nuclear Decommissi oning Authority	0.89	4	4	0	Station Load
HINP20	Nuclear Decommissi oning Authority	0.89	2	2	0	Station Load
OLDS11	Nuclear Decommissi oning Authority	0.85	5	5	0	Station Load
SIZE10	Nuclear Decommissi oning Authority	0.89	4	4	0	SIZE40

TRAW20	Nuclear Decommissioning Authority	0.89	1	1	0	TRAW20
WYLF10	Nuclear Decommissioning Authority	0.9	10	10	0	Station Load
ABTH11	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
BLYT60	RWE Npower plc (Innogy)	0.85	0	0	0	BLYT20
DRAY10	RWE Npower plc (Innogy)	0.85	50	15	0	
FAWL40	RWE Npower plc (Innogy)	0.65	20	3	0	FAWL40
LITT10	RWE Npower plc (Innogy)	0.88	23	4	0	LITT40
TILB11	RWE Npower plc (Innogy)	0.85	22	4	0	TILB20
SAES20	Saltend	0.96	100	100	0	SAES20
BEDD10	SEEBOARD Power Networks	0.96	593.6	591.6	0	
BOLN11	SEEBOARD Power Networks	0.96	501.9	501.9	0	BOLN40
BOLN12	SEEBOARD Power Networks	0.96	501.9	501.9	0	BOLN40
CHSI10	SEEBOARD Power Networks	0.96	227.6	226.7	0	CHSI20
CHSI1A	SEEBOARD Power Networks	0.96	80.2	79.3	0	CHSI20
CHSI1B	SEEBOARD Power Networks	0.96	80.2	79.3	0	CHSI20
CSEK40	SEEBOARD Power Networks	0.96	906.3	898.5	123	CSEK40
KEMS13	SEEBOARD Power Networks	0.96	72.4	0	0	KEMS40
KINO10	SEEBOARD Power Networks	0.96	249.1	250.2	0	KINO40
LALE10	SEEBOARD Power Networks	0.96	80.7	80.4	0	LALE20_SPN
LITT10	SEEBOARD Power Networks	0.96	15	15	0	LITT40
NFLE10	SEEBOARD Power Networks	0.96	460.1	456.1	43.7	NFLE40
NINF10	SEEBOARD Power Networks	0.96	481.5	481.5	0	NINF40

WWEY10	SEEBOARD Power Networks	0.96	438.3	438	0	WWEY20
GRST60	Sembcorp (Formerly ICI)	0.86	212	50	120	tation Load
MOSM50	SHELL	1	23.5	23.5	0	MOSM10
ABNE30	SHEPD	0.98	51.9	51.2	3	ABNE10
ALNE30	SHEPD	0.99	24.6	17.7	0	ALNE1Q / ALNE1R
ARBR30	SHEPD	0.98	42.6	42.4	0	ARBR1Q / ARBR1R
ARMO30	SHEPD	0.95	27	21.7	1	ARMO10
BEAU30	SHEPD	0.98	46.4	39.4	3	BEAU10
BOAG30	SHEPD	0.98	37.3	23.6	2	BOAG1Q / BOAG1R
BRAC30	SHEPD	0.98	47.5	45.7	2	BRAC1Q / BRAC1R
BRID30	SHEPD	0.98	44.1	43.5	0	BRID1Q / BRID1R
BROA30	SHEPD	0.98	11.6	9.6	1	BROA1Q
BROR30	SHEPD	0.99	13.2	10.1	0	BROR10
BUMU30	SHEPD	0.98	59.4	53.2	1	BUMU10
CAAD30	SHEPD	1	29.1	19.4	1	CAAD1Q / CAAD1R
CASS50	SHEPD	0.99	2.5	1.7	0	CASS1Q
CEAN50	SHEPD	0.95	5.3	2.4	0	CEAN1Q
CHAR30	SHEPD	0.98	31.6	31.4	0	CHAR10
CLAC30	SHEPD	0.94	-4	-3.7	8	CLAC1Q
CLAY30	SHEPD	0.97	66.6	61.6	0	CLAY1Q / CLAY1R
COUA30	SHEPD	0.97	30	25.7	0	COUA10
CRAI30	SHEPD	0.99	32.2	31.6	0	CRAI10
DOUN50	SHEPD	0.99	8.5	6.5	0	DOUN10
DUBE30	SHEPD	1	16.1	13.7	0	DUBE1Q
DUDH30	SHEPD	0.97	37	34.4	0	DUDH1Q / DUDH1R
DUGR30	SHEPD	0.98	9.1	7.1	2	DUGR1Q
DUNO30	SHEPD	0.97	19.4	15.3	5	DUNO1Q / DUNO1R
DYCE30	SHEPD	0.96	50.6	42.4	4	DYCE1Q / DYCE1R
ELGI30	SHEPD	0.97	58.5	58.2	0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.97	-0.2	0.9	1	FASN10
FAUG30	SHEPD	0.96	1.7	1	1	FAUG10
FIDD30	SHEPD	0.98	25.1	25.2	0	FIDD1Q
FRAS30	SHEPD	0.95	24.2	21.6	0	FRAS1Q / FRAS1R
FWIL30	SHEPD	0.98	73.6	43.8	5	FWIL1Q / FWIL1R
GLAG30	SHEPD	0.98	33.3	25.8	2	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.92	4.2	4.2	4	GRUB1Q / GRUB1R
INNE30	SHEPD	0.97	86.4	87.4	4	INNE1Q / INNE1R
KEIT30	SHEPD	1	0	0	0	KEIT10

KEMD30	SHEPD	0.98	95.1	88.9	0	
KIIN30	SHEPD	0.94	-2.4	-3.7	0	KIIN10
KILO30	SHEPD	0.98	3.3	2.8	0	KILO10
KINT30	SHEPD	0.98	85.8	85.8	0	KINT10
LAIR50	SHEPD	0.53	0.7	0.3	2	LAIR1Q
LUNA30	SHEPD	0.99	73.4	69.6	1	LUNA1Q / LUNA1R
LYND30	SHEPD	0.99	33.8	33.6	0	LYND1Q / LYND1R
MACD30	SHEPD	1	0	0	0	MACD1Q
MILC30	SHEPD	0.99	69.9	69.2	7	MILC10
MYBS30	SHEPD	0.95	10.2	8.6	0	MYBS1Q / MYBS1R
NAIR30	SHEPD	0.96	45.5	39.3	0	NAIR10
PEHG30	SHEPD	0.97	29.9	23.9	0	PEHG1Q / PEHG1R
PEHS50	SHEPD	0.99	10.5	7.3	0	PEHE10
PERS30	SHEPD	0.98	51.9	50.5	3	PERS10
PORA30	SHEPD	0.98	16	11.4	5	PORA1Q / PORA1R
RANN30	SHEPD	0.97	-1	1.2	3	RANN1Q / RANN1R
REDM30	SHEPD	0.97	52.9	52.1	0	REDM1Q / REDM1R
SFEG50	SHEPD	0.97	17	15.6	0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.95	-4	1.3	5	SFIL1Q
SHIN50	SHEPD	0.74	1.2	0.3	0	SHIN10
SLOY11	SHEPD	0.99	3.6	3	0	SLOY10
STLE30	SHEPD	0.88	14.2	9.2	2	STLE10
STRI30	SHEPD	0.98	19.7	17.1	0	STRI1Q / STRI1R
TARL30	SHEPD	0.97	19.2	13.6	0	TARL1Q / TARL1R
TAYN30	SHEPD	0.97	31.1	23.6	11	TAYN1Q / TAYN1R
THSO30	SHEPD	1	43.7	40.5	12	THSO1Q / THSO1R
TUMB30	SHEPD	0.98	17.4	15.2	1	TUMB1Q / TUMB1R
WIOW30	SHEPD	0.98	48.9	47.5	0	WIOW1Q / WIOW1R
WOHI30	SHEPD	0.98	46.6	46.6	0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	0.98	63.3	63.3	0	AMEM4A_SEP / AMEM4B_SEP
AXMI10	Southern Electric	0.96	122.2	122.2	3	AXMI40_SEP
BOTW10	Southern Electric	0.97	186.9	193.8	2	BOTW40
BRFL40	Southern Electric	0.94	1399.1	1399.1	76	BRFL40
BRLE13	Southern Electric	0.93	107.9	107.9	3	BRLE40
BRLE14	Southern Electric	0.93	107.9	107.9	3	BRLE40
CHIC10	Southern Electric	0.95	106.7	106.7	47	CHIC40
COWL10	Southern Electric	0.96	775.3	775.3	4	COWL40
EALI60	Southern Electric	0.92	257.5	257.5	2	EALI20
FAWL10	Southern Electric	0.89	338.2	338.2	125	FAWL40

IVER10	Southern Electric	0.97	487.1	485.4	20	IVER20
IVER60	Southern Electric	0.86	142.3	142.3	4	IVER20
LALE10	Southern Electric	0.9	266.1	266.1	16	LALE20_SEP
LOVE10	Southern Electric	0.96	689.8	689.8	17.6	LOVE40
MANN10	Southern Electric	0.98	745.7	745.7	7	MANN40
MELK10	Southern Electric	0.95	398.1	415.5	11	MELK40_SEP
MITY10	Southern Electric	0.97	364	364	3.9	MITY40
NHYD60	Southern Electric	0.95	249.2	249.2	0	NHYD2A / NHYD2B
NURS10	Southern Electric	0.97	445.2	445.2	5	NURS40
TYNE50	Southern Electric	0.95	6	6	0	TYNE20
WISD60	Southern Electric	0.94	164.6	164.6	0	WISD20_EPN
AYR20	SP Distribution	0.97	67.5	64.1	0	AYRR2Q / AYRR2R
BRAE1	SP Distribution	0.96	41.1	37.6	0	BRAP10
GRMO3	SP Distribution	0.98	41.9	34.8	4	GRMO20
HAGR3	SP Distribution	0.97	55.8	45.7	0	HAGR1Q / HAGR1R
PAIS3	SP Distribution	0.98	44	32	0	PAIS1S / PAIS1T
BAGA10	SP Distribution	0.98	68	64.8	0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	0.97	42.2	39.8	0	BAIN10
BERW10	SP Distribution	0.81	35.5	23.6	0	BERW1Q / BERW1R
BONN20	SP Distribution	0.94	72	73.5	0	BONN20
BROX10	SP Distribution	0.97	61.1	55.6	0	BROX1Q / BROX1R
CAFA10	SP Distribution	1	0.3	-7.2	5	CAFA1Q
CATY10	SP Distribution	0.97	55	52.3	0	CATY1Q / CATY1R
CHAP10	SP Distribution	0.94	47.7	47.6	0	CHAP10
CHAS20	SP Distribution	0.96	92.5	58.7	0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	0.98	90.4	75.7	7	CLYM20
COAT30	SP Distribution	0.98	75.5	71.1	0	COAT2Q / COAT2R
COCK30	SP Distribution	0.98	49.1	46.8	0	COCK20
COYL10	SP Distribution	0.93	51.6	41.6	10	COYL10
CROO31	SP Distribution	0.99	53.6	49.5	0	CROO1Q / CROO1R
CROO32	SP Distribution	0.99	29.2	19.2	0	CROO1Q / CROO1R
CUMB10	SP Distribution	0.98	55.4	49.4	9	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.96	70.4	67.4	0	CUPA1Q / CUPA1R
CURR20	SP Distribution	0.98	13.3	12.4	0	CURR10
DEVM10	SP Distribution	0.98	56.6	35.8	0	DEVM10
DEVO10	SP Distribution	0.95	65.9	54.8	0	DEVO10
DEWP30	SP Distribution	0.97	106.1	98.3	0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.99	18.1	7.1	0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	0.99	82	77	0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	0.91	48.8	41.8	0	DUMF10

DUMF32	SP Distribution	0.9	11.4	7.5	0	DUMF10
DUMF50	SP Distribution	0.99	18.4	16.8	0	DUMF10
DUNB30	SP Distribution	0.92	41.1	31.4	0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	0.98	42.1	16.8	1	DUNF1Q / DUNF1R
EAST50	SP Distribution	-1	0.9	-7.8	5	EAST1Q
ECCL30	SP Distribution	1	57	33.4	0	ECCL10
EERH30	SP Distribution	0.97	107.9	102.9	0	EERH20
EKIL30	SP Distribution	0.97	78.3	74.5	0	EKIL2S / EKIL2T
EKIS30	SP Distribution	0.96	39.4	33.7	4	EKIS20
ELDE10	SP Distribution	0.98	48.7	46.5	0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	0.98	25.8	24.2	0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.92	49.1	38.4	8	GALA10
GIFF30	SP Distribution	0.98	83.7	71.6	0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1	2.6	-11.7	14	GLLE10
GLLU30	SP Distribution	0.91	28.5	14.5	5	GLLU1Q / GLLU1R
GLNI30	SP Distribution	0.98	27.1	13.2	0	GLNI10
GLRO30	SP Distribution	0.96	46.4	44.2	0	GLRO20
GORG30	SP Distribution	0.97	38.4	32.9	0	GORG1Q / GORG1R
GOVA30	SP Distribution	0.97	43.4	30.7	0	GOVA1Q / GOVA1R
GRMO30	SP Distribution	0.98	39.3	33.2	0	GRMO20
HAWI30	SP Distribution	0.98	28.7	20.7	0	HAWI10
HELE30	SP Distribution	0.99	23.1	11.2	0	HELE10
HUNF30	SP Distribution	0.62	7.8	3.7	0	HUNF1Q / HUNF1R
INKE30	SP Distribution	0.98	60.5	57.7	0	INKE1Q / INKE1R
JOHN30	SP Distribution	0.98	51.8	49	0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	0.98	99.5	93.3	5	KAIM20
KEOO50	SP Distribution	-1	0.4	-15.1	14	KEOO10
KIER30	SP Distribution	0.98	78.3	71.4	2	KIER1Q / KIER1R
KILB30	SP Distribution	0.97	36.2	23.6	0	KILB1Q / KILB1R
KILB50	SP Distribution	0.98	12.1	11	0	KILB1Q / KILB1R
KILS30	SP Distribution	0.98	39.1	34.2	1	KILS20
KILT30	SP Distribution	0.96	94	89.2	0	KILT2Q / KILT2R
KILW30	SP Distribution	0.96	52.9	22.5	16	KILW10
LEVE30	SP Distribution	0.97	44.4	41.5	0	LEVE1Q / LEVE1R
LING30	SP Distribution	0.97	74.2	65.6	0	LING1Q / LING1R
LINM30	SP Distribution	0.94	56.5	41.8	20	LINM20
MAYB30	SP Distribution	0.96	25.1	20	1	MAYB10
NEAR30	SP Distribution	0.98	88	84.6	4	NEAR20
NETS30	SP Distribution	0.89	12.6	10.4	0	NETS10
PART30	SP Distribution	0.98	51.5	46.8	0	PART1Q / PART1R

POOB30	SP Distribution	0.97	91.1	85.2	3	POOB2Q / POOB2R
PORD30	SP Distribution	0.98	88	77.3	0	PORD2Q / PORD2R
RAVE30	SP Distribution	1	24.1	9	0	RAVE2Q / RAVE2R
REDH30	SP Distribution	0.98	47.4	43.4	0	REDH10
SACO3A	SP Distribution	0.93	44.4	36.9	12	SACO1Q / SACO1R
SACO3B	SP Distribution	0.92	37.5	32.6	0	SACO1Q / SACO1R
SANX30	SP Distribution	0.97	58.4	54.3	0	SANX1Q / SANX1R
SHRU30	SP Distribution	0.98	75.7	42.8	0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	0.99	109.6	104.5	0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	0.98	45.1	39.1	0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.98	59.5	48.2	0	STHA20
STIR30	SP Distribution	0.97	81.2	69.7	0	STIR1S / STIR1T
STLE30	SP Distribution	0.98	67.3	64.2	0	STLE10
TELR30	SP Distribution	0.99	39.8	37.8	0	TELR1Q / TELR1R
TONG50	SP Distribution	0.93	29	24.2	0	TONG10
WFIE30	SP Distribution	0.93	41	27.9	8	WFIE10
WGEO30	SP Distribution	0.96	101.1	82	0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	0.98	70.2	61.3	0	WHHO2Q / WHHO2R
WISH10	SP Distribution	0.98	99.7	79.8	0	WISH20
COCK30	SP Generation	0.86	13	13	0	COCK20
BIRK10	SP MANWEB	0.99	291	291	30	BIRK20
CAPE10	SP MANWEB	0.96	259	253	71	CAPE20
CARR10	SP MANWEB	0.94	120	113	146	CARR20
CASK10	SP MANWEB	0.92	420	208	657	FROD40
CELL10	SP MANWEB	0.95	182	182	2	CELL40_AQUL
CONQ10	SP MANWEB	0.93	270	280	65	DEES40
FIDF13	SP MANWEB	0.94	284	262	24	FIDF20
FROD10	SP MANWEB	0.96	84	84	22	FROD20
IMPP30	SP MANWEB	1	90	90	0	IMPP40
INCE10	SP MANWEB	0.97	111	76	44	FROD20
KIBY10	SP MANWEB	0.98	395	384	16	KIBY20
LEGA10	SP MANWEB	0.93	336	332	45	LEGA40
LISD10	SP MANWEB	1	341	341	7	LISD20
PENT10	SP MANWEB	0.99	175	175	12	PENT40
RAIN10	SP MANWEB	0.99	455	455	22	RAIN20
SHOT10	SP MANWEB	0.99	82	82	252	DEES40
SWAN11	SP MANWEB	0.91	23.9	16.6	16	SWAN20_SPM
SWAN12	SP MANWEB	0.91	28.1	19.4	18	SWAN20_SPM
TRAW10	SP MANWEB	1	84	73	39	TRAW20
WYLF10	SP MANWEB	0.98	60	65	4	WYLF40

FERR11	SSE Generation Ltd	0.85	23	4	0	Station Load
FERR12	SSE Generation Ltd	0.85	23	4	0	Station Load
ABTH11	SWALEC (Infralec)	0.98	106.3	103.3	1	ABTH20
ABTH12	SWALEC (Infralec)	0.98	106.3	103.3	1	ABTH20
ALST30	SWALEC (Infralec)	0.8	54	1.1	0	
CARE10	SWALEC (Infralec)	0.98	192.4	186.9	1	CARE20
GRAN60	SWALEC (Infralec)	0.67	117.7	4.1	5	MAGA20
PEMB10	SWALEC (Infralec)	0.95	201.8	202.3	0	PEMB40
PYLE10	SWALEC (Infralec)	0.96	160	121.5	14	PYLE20
RASS10	SWALEC (Infralec)	0.97	234.1	234.1	5	RASS40
SWAN11	SWALEC (Infralec)	0.99	245.9	238.5	14	SWAN20_SWA
SWAN12	SWALEC (Infralec)	0.99	288.7	279.9	16	SWAN20_SWA
UPPB10	SWALEC (Infralec)	0.97	175.8	159.5	2	UPPB20
UPPB30	SWALEC (Infralec)	0.97	106.8	89.2	1	UPPB20
USKM10	SWALEC (Infralec)	0.92	277	264	6	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	0.95	22	22	0	MEAD10
ABHA11	WPD(formerly SWEB)	1	105.2	100.4	0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1	151.4	144.6	0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	-1	217	207	0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	0.97	111.7	107	0	AXMI40_SWEB
BRWA10	WPD(formerly SWEB)	0.96	242	231	0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1	324	310	0	EXET40
INDQ10	WPD(formerly SWEB)	1	456	435	0	INDQ40
IROA11	WPD(formerly SWEB)	0.98	210.6	200.9	0	IROA20_SWEB
IROA12	WPD(formerly SWEB)	0.98	263.4	251.1	0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1	272	260	0	LAND40
MELK10	WPD(formerly SWEB)	0.98	99	94	0	MELK40_SWEB
SEAB11	WPD(formerly SWEB)	0.96	308	294	0	SEAB40
TAUN10	WPD(formerly SWEB)	0.99	131	125	0	TAUN4B
BRAW11	Yorkshire Electricity	1	235	235	0	BRAW20
BRAW12	Yorkshire Electricity	1	270	269	3	BRAW20
CAML60	Yorkshire Electricity	0.96	26	25	0	DRAX40
CREB11	Yorkshire Electricity	0.94	224	224	4	CREB40
CREB12	Yorkshire Electricity	0.97	273	273	25	CREB40
DRAX11	Yorkshire Electricity	0.85	26.3	21.8	0	DRAX40
DRAX12	Yorkshire Electricity	0.85	26.3	21.8	0	DRAX40
ELLA11	Yorkshire Electricity	0.94	195	173	50	ELLA20
ELLA12	Yorkshire Electricity	0.94	193	171	5	ELLA20

FERR11	Yorkshire Electricity	0.94	156	152	59	FERR20_YED / FERR2A_YED / FERR2B_YED
FERR12	Yorkshire Electricity	0.94	164	160	0	FERR20_YED
FERR60	Yorkshire Electricity	0.97	98	97	3	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.95	167	148	36	GRIW40
JORD30	Yorkshire Electricity	0.98	75	72	0	JORD20
KEAD10	Yorkshire Electricity	0.71	422	335	28	KEAD40
KIRK10	Yorkshire Electricity	0.95	313	307	4	KIRK20
NEEP30	Yorkshire Electricity	0.95	90	90	0	NEEP20
NORL30	Yorkshire Electricity	0.99	73	72	0	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.93	65	56	0	PITS20
PITS32	Yorkshire Electricity	0.81	45	6	0	PITS20
SAEN10	Yorkshire Electricity	0.99	134	113	3	SAEN20
SHEC30	Yorkshire Electricity	0.96	97	90	0	SHEC20
SKLG10	Yorkshire Electricity	0.96	660	652	19	SKLG20
THOM60	Yorkshire Electricity	0.95	149.2	145.1	5	THOM20
THUR60	Yorkshire Electricity	0.96	186	186	1	THUR20
WIBA30	Yorkshire Electricity	0.88	39	34	1	WIBA20
WMEL11	Yorkshire Electricity	0.95	149.2	145.1	10	WMEL20
WMEL12	Yorkshire Electricity	0.95	149.2	145.1	1	WMEL20
WMEL13	Yorkshire Electricity	1	375	372	4	WMEL20

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Table E.1.6 - GSP Winter peak Demand (MW), Generation (MW) and Power Factor, 2014/15

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1	325	325	0	BLYT20
WYLF10	Anglesey Aluminium	0.98	264	264	0	Station Load
TEMP30	BOC	0.98	10	8	0	TEMP20
DUNG20	British Energy	0.79	14	14	0	Station Load
EGGB41	British Energy	0.9	40	17	0	Station Load
HEYS10	British Energy	0.79	115	61	0	Station Load
HINP21	British Energy	0.76	47.5	12	0	Station Load
HINP22	British Energy	0.76	47.5	12	0	Station Load
SIZE40	British Energy	0.8	4	4	0	Station Load
TREM30	Celsa	0.85	95	0	0	TREM20
BESW10	Central Networks East (EMEB)	0.97	409.7	409.7	2	BESW20
BICF10	Central Networks East (EMEB)	0.96	194.9	185	58	BICF4A /BICF4B
CHTE10	Central Networks East (EMEB)	0.95	585.3	578.2	10.6	CHTE20
COVE10	Central Networks East (EMEB)	0.93	600.3	600.3	10	COVE20
DRAK10	Central Networks East (EMEB)	0.95	207	207	2	DRAK20
ECLA10	Central Networks East (EMEB)	0.9	449.8	449.8	3	ECLA40_EME
ENDE10	Central Networks East (EMEB)	0.95	551.2	545.9	4	ENDE40
GREN10	Central Networks East (EMEB)	0.93	773.9	773.9	27.6	GREN40_EME
HAMH12	Central Networks East (EMEB)	0.96	0	0	0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	0.96	135.9	135.9	1	HAMH40_EME
RATS10	Central Networks East (EMEB)	0.94	618.8	585.9	3	RATS40
SBAR40	Central Networks East (EMEB)	0.96	111.2	106.2	0	SBAR40

STYC10	Central Networks East (EMEB)	0.93	191.4	191.4	2	STAY40
WALP10	Central Networks East (EMEB)	0.89	281.4	265	2	WALP40_EME
WBUR10	Central Networks East (EMEB)	0.95	292.5	291.7	4	WBUR40
WILL10	Central Networks East (EMEB)	0.96	656.3	651.1	2	WILE20
BISW10	Central Networks West (Aquila)	0.97	497.8	491.2	0	BISW20
BUSH10	Central Networks West (Aquila)	0.96	173.8	163.7	5	BUSH20
BUST10	Central Networks West (Aquila)	0.96	392.8	392.3	0	BUST20
CELL10	Central Networks West (Aquila)	0.88	489.5	489.5	50.8	CELL40_AQUL
ECLA10	Central Networks West (Aquila)	0.98	75.9	75.3	0.8	ECLA40_EME
FECK60	Central Networks West (Aquila)	0.87	357.1	316.2	0	FECK20
GLOU10	Central Networks West (Aquila)	0.95	701.6	701.6	8.5	WALH40
HAMH11	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
IROA11	Central Networks West (Aquila)	0.96	123.9	123.9	0	IROA20_AQUIL
IRSH40	Central Networks West (Aquila)	0.94	350.2	350.2	0	IRSH40
KITW10	Central Networks West (Aquila)	0.96	451.7	451.7	0	KITW20
LEAM10	Central Networks West (Aquila)	0.94	314.4	314.4	0	HAMH40_AQUL
NECH10	Central Networks West (Aquila)	0.89	407.6	376.5	25.2	NECH20
OCKH10	Central Networks West (Aquila)	0.96	130.2	113.4	0	OCKH20
OLDB10	Central Networks West (Aquila)	0.97	103.4	103.7	0	OLDB20
PENN10	Central Networks West (Aquila)	0.94	328.5	328.5	0	PENN20
RUGE10	Central Networks West (Aquila)	0.96	259.8	259.8	0	RUGE40
WIEN10	Central Networks West (Aquila)	0.94	218.9	204	0	WIEN2A /WIEN2B
GREN10	Corby Power Ltd	1	0	0	0	GREN40_EME

ALDW31	CORUS	0.75	36	36	0	ALDW20
ALDW32	CORUS	0.82	160	88	0	ALDW20
GRT060	CORUS	0.8	8	8	0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5	3	0	RAVE2Q /RAVE2R
STSB60	CORUS	0.92	70	0	0	STSB40
TEMP30	CORUS	0.75	12	7	0	TEMP20
TINP32	CORUS	0.7	59	49	0	TINP2A /TINP2B
TODP60	CORUS	0.8	10	1	88	TODP20
WHSO31	CORUS	0.91	48.2	28.6	0	WHSO20
WHSO32	CORUS	0.91	48.2	28.6	0	WHSO20
WILL10	Derwent	1	0	0	0	Station Load
DRAX11	Drax Power Limited	0.9	17	17	0	Station Load
DRAX12	Drax Power Limited	0.9	75	75	0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.34	40	8	0	Station Load
DEES4	E.ON (UK) plc (Powergen)	1	25	0	0	
GRAI40	E.ON (UK) plc (Powergen)	0.83	31	6	18	Station Load
IRON10	E.ON (UK) plc (Powergen)	0.77	50	6	0	Station Load
KINO10	E.ON (UK) plc (Powergen)	0.8	40	10	0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.77	43	13	0	Station Load
AMEM10	Eastern Power Networks	0.96	73.3	62.6	0	AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	0.97	104.5	104.5	0	BARK20_EPN
BARW30	Eastern Power Networks	0.94	71.7	69.1	0	BARK20_EPN
BRFO10	Eastern Power Networks	0.96	859	859	265	BRFO40
BRIM10	Eastern Power Networks	0.95	276.7	272	0	BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.95	812.2	812.2	0	RAYL40 / BRAI4A
BURW10	Eastern Power Networks	0.96	343.1	343	0	BURW40
EASO10	Eastern Power Networks	0.96	176.8	176.8	7.5	EASO40
ELRH10	Eastern Power Networks	0.96	555.6	555.6	0	ELST20 / RYEH40 / RYEH4A

ELST10	Eastern Power Networks	0.96	109.8	99.5	0	ELST20
ELWS10	Eastern Power Networks	0.96	351.2	349	0	ELST20 / WATS20
GREN10	Eastern Power Networks	0.96	153.5	153.5	5.7	GREN40_EME
MILH10	Eastern Power Networks	0.96	235.1	235.1	0	MILH2A_EPN / MILH2B_EPN
NORW10	Eastern Power Networks	0.96	708.1	672.7	29	NORW40
PEWY10	Eastern Power Networks	0.96	557.4	557.3	0	WYMO40 / PELH40
SUND10	Eastern Power Networks	0.96	524.3	524.3	19.8	SUND40
TILB11	Eastern Power Networks	0.96	63.1	60.3	5	TILB20
TILB12	Eastern Power Networks	0.96	68.5	68.5	4	TILB20
TILB13	Eastern Power Networks	0.96	68.5	68.5	4	TILB20
TILB14	Eastern Power Networks	0.96	63.1	60.3	5	TILB20
TOTT10	Eastern Power Networks	0.96	378.5	372	28.9	TOTE20 / TOTW20
WALP10	Eastern Power Networks	0.96	647.8	617.4	82.5	WALP40_EME
WARL10	Eastern Power Networks	0.96	272.7	269.8	12	WARL20
WATS12	Eastern Power Networks	0.96	229.3	228.8	0	WATS20
WISD10	Eastern Power Networks	0.96	61.5	61.5	0	WISD20_EME
WTHU60	Eastern Power Networks	0.96	44.6	43.9	0	WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	0.97	160.7	160.7	0	BARK20_LPN
BARW30	EDF (Formerly LPN)	0.94	191.2	197.7	0	
BEDD10	EDF (Formerly LPN)	0.96	162.7	150.3	0	
BRIM10	EDF (Formerly LPN)	0.95	158.4	158.4	0	BRIM2A_LPN / BRIM2B_LPN / BRIM2C_LPN
CITR10	EDF (Formerly LPN)	0.96	1030.6	931.2	7.2	CITR42
HACK10	EDF (Formerly LPN)	0.96	130.3	130.3	0	HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	0.97	179.3	174.2	0	HACK2A /HACK2B
HURS10	EDF (Formerly LPN)	0.96	343.5	338	0	HURS20
LITT10	EDF (Formerly LPN)	0.96	180.5	180.5	4.3	LITT40

LODR60	EDF (Formerly LPN)	0.96	452	446.2	0	SJOW20
MILH10	EDF (Formerly LPN)	0.92	0	0	0	MILH2A_EPN / MILH2B_EPN
NEWX10	EDF (Formerly LPN)	0.96	242.2	241	0	NEWX20
NEWX60	EDF (Formerly LPN)	0.96	304.7	304.7	0	NEWX20
REBR30	EDF (Formerly LPN)	0.98	123.6	123.6	0	REBR20
SJOW10	EDF (Formerly LPN)	0.96	796.8	760.6	4	SJOW40
WHAM10	EDF (Formerly LPN)	0.96	758.6	746.3	4	WHAM40
WIGP10	EDF (Formerly LPN)	0.96	639.1	632.9	0	WIMB20
WIMB14	EDF (Formerly LPN)	0.96	170	167	0	WIMB20
WISD10	EDF (Formerly LPN)	0.96	273.1	267.3	0	WISD20_LPN
WISD60	EDF (Formerly LPN)	0.96	152.1	152.1	0	WISD20_LPN
WBUR10	EdF Energy	0.87	60	9	0	Station Load
SFEM50	Exxon Mobil	1	21.4	21.4	0	SFEM10
SEFI10	Fellside Heat and Power	1	43	43	0	Station Load
DINO40	First Hydro	1	1650	0	0	Station Load
FFES21	First Hydro	1	150	0	0	Station Load
FFES22	First Hydro	1	150	0	0	Station Load
BAGB20	GE Energy	0.95	27	27	530	Station Load
HUMR40	Immingham CHP	1	0	0	0	
GRMO30	Ineos (Innovene) Grangemouth	0.98	74.8	74.8	0	GRMO20
RUGE10	International Power	0.8	30	4	0	RUGE40
CULJ31	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ32	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ33	J E T	0.95	0.1	0.1	0	CULJ4A
HARE30	MOD	0.8	16	16	0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.88	88	88	0	GRAI40
SFEG10	National Grid	0.97	50	50	0	SFEG10
BARK10	Network Rail	0.85	0	0	0	BARK20_EPN
BARK40	Network Rail	1	6	6	0	BARK20_EPN
BERW10	Network Rail	1	3	2	0	BERW1Q / BERW1R
CATY1A	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
CATY1B	Network Rail	1	2	1.5	0	CATY1Q / CATY1R
DEVM10	Network Rail	1	2	1	0	DEVM10
ECCF1A	Network Rail	1	2	2	0	
ECCF1B	Network Rail	1	2	2	0	
ELST4A	Network Rail	1	13	13	0	ELST20
ELST4B	Network Rail	1	13	13	0	ELST20

ELVA20	Network Rail	1	4	1	0	
HARK40	Network Rail	1	4	1	0	HARK20
INWI1A	Network Rail	1	3	3	0	
INWI1B	Network Rail	1	3	3	0	
LEIB4A	Network Rail	1	3.5	3	0	LEIB4B
LEIB4B	Network Rail	1	3.5	3	0	LEIB4B
PAFB4A	Network Rail	1	7.5	6	0	PAFB4B
PAFB4B	Network Rail	1	7.5	6	0	PAFB4B
POOB2A	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POOB2B	Network Rail	1	2.5	1.5	0	POOB2Q / POOB2R
POPP20	Network Rail	1	4	0	0	POPP20
RUGE40	Network Rail	1	10	9	0	RUGE40
SACO1A	Network Rail	1	2	2	0	SACO1Q / SACO1R
SACO1B	Network Rail	1	2	2	0	SACO1Q / SACO1R
SANX1A	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SANX1B	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SELL30	Network Rail	0.99	37	37	0	SELL40
SING40	Network Rail	0.99	37	21	0	SING40
STLE10	Network Rail	1	5	4	0	STLE10
WISH20	Network Rail	1	6	6	0	WISH20
WYMO40	Network Rail	1	14	11	0	WYMO40
ALCA1A	Northern Electric	0.9	120.1	-7	0	BLYT20
ALCA1B	Northern Electric	0.9	120.1	-7	0	BLYT20
BLYT60	Northern Electric	0.99	207	207	6	BLYT20
FERR11	Northern Electric	0.97	0	0	0	FERR20_NED
FERR12	Northern Electric	0.97	0	0	0	FERR20_NED
FOUR70	Northern Electric	1	17	14	0	FOUR20
HARM60	Northern Electric	0.98	107	104	3	HARM20
HAWP60	Northern Electric	0.98	126	126	3	HAWP20
KNAR10	Northern Electric	0.97	200	197	0	KNAR20
LACK60	Northern Electric	0.99	255	224	0	LACK20
NORT11	Northern Electric	0.96	278.2	271.9	12	NORT20
NORT12	Northern Electric	0.96	278.2	271.9	12	NORT20
OFFE30	Northern Electric	0.96	75	74	0	OFFE20
OSBA10	Northern Electric	0.98	297	291	2	OSBA40
POPP30	Northern Electric	0.98	56	56	0	POPP20
SALH10	Northern Electric	0.9	136	-53	117	SALH20
SPEN10	Northern Electric	0.96	283	283	7	SPEN20
SSHI30	Northern Electric	0.97	53	50	0	SSHI20
STEN11	Northern Electric	0.97	124.4	123.1	2	STEW20

STEN12	Northern Electric	0.97	124.4	123.1	2	STEW20
STES10	Northern Electric	0.97	281	277	7	STEW20
TYNE10	Northern Electric	0.99	249	247	1	TYNE20
WBOL60	Northern Electric	1	300	300	0	WBOL20
BRED10	NORWEB (UU)	0.95	345.8	345.8	0	BRED20
CARR10	NORWEB (UU)	0.95	266.2	266.2	20	CARR20
HARK11	NORWEB (UU)	0.93	24.1	24.1	224	HARK20
HARK12	NORWEB (UU)	0.92	59.5	59.5	134	HARK20
HEYS10	NORWEB (UU)	0.72	-197.1	-197.1	316	HEYS40
HUTT10	NORWEB (UU)	0.96	235.4	235.4	34	HUTT40
KEAR11	NORWEB (UU)	0.96	340.4	340.4	0	KEAR20
KEAR12	NORWEB (UU)	0.95	259.7	259.7	0	KEAR20
KEAR30	NORWEB (UU)	0.97	124.9	124.9	8	KEAR20
MACC30	NORWEB (UU)	0.95	83.2	83.2	9	MACC20
PADI10	NORWEB (UU)	0.94	219	219	0	PADI40
PENE11	NORWEB (UU)	0.96	170.7	170.7	0	PEWO40
PENE12	NORWEB (UU)	0.96	98.6	98.6	0	PEWO40
PENW11	NORWEB (UU)	0.96	98.5	98.5	6	PEWO20
PENW12	NORWEB (UU)	0.97	88.7	88.7	0	PEWO20
RAIN10	NORWEB (UU)	0.96	92.5	92.5	0	RAIN20
ROCH11	NORWEB (UU)	0.96	245.4	245.4	9	ROCH20
ROCH12	NORWEB (UU)	0.72	-34.5	-34.5	60	ROCH20
SMAN10	NORWEB (UU)	0.96	339.7	339.7	19	SMAN20
STAH10	NORWEB (UU)	0.93	373.2	283.2	12	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.94	441	441	0	STAL20
WASF1A	NORWEB (UU)	0.94	176.4	176.4	4	WASF2A
WASF1B	NORWEB (UU)	0.95	104.2	104.2	4	WASF2B
WHGA10	NORWEB (UU)	0.97	311.2	311.2	4	WHGA20
CHAP10	Nuclear Decommissi oning Authority	0.89	0	0	0	CHAP10
DUNG20	Nuclear Decommissi oning Authority	0.89	4	4	0	Station Load
HINP20	Nuclear Decommissi oning Authority	0.89	2	2	0	Station Load
OLDS11	Nuclear Decommissi oning Authority	0.85	5	5	0	Station Load
SIZE10	Nuclear Decommissi oning Authority	0.89	4	4	0	SIZE40

TRAW20	Nuclear Decommissioning Authority	0.89	1	1	0	TRAW20
WYLF10	Nuclear Decommissioning Authority	0.9	10	10	0	Station Load
ABTH11	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
BLYT60	RWE Npower plc (Innogy)	0.85	0	0	0	BLYT20
DRAY10	RWE Npower plc (Innogy)	0.85	50	15	0	
FAWL40	RWE Npower plc (Innogy)	0.65	20	3	0	FAWL40
LITT10	RWE Npower plc (Innogy)	0.88	23	4	0	LITT40
TILB11	RWE Npower plc (Innogy)	0.85	22	4	0	TILB20
SAES20	Saltend	0.96	100	100	0	SAES20
BEDD10	SEEBOARD Power Networks	0.96	597	595	0	
BOLN11	SEEBOARD Power Networks	0.96	507.2	507.2	0	BOLN40
BOLN12	SEEBOARD Power Networks	0.96	507.2	507.2	0	BOLN40
CHSI10	SEEBOARD Power Networks	0.96	229.8	228.9	0	CHSI20
CHSI1A	SEEBOARD Power Networks	0.96	80.6	79.7	0	CHSI20
CHSI1B	SEEBOARD Power Networks	0.96	80.6	79.7	0	CHSI20
CSEK40	SEEBOARD Power Networks	0.96	912.4	904.6	123	CSEK40
KEMS13	SEEBOARD Power Networks	0.96	72.4	0	0	KEMS40
KINO10	SEEBOARD Power Networks	0.96	251.5	252.7	0	KINO40
LALE10	SEEBOARD Power Networks	0.96	81.2	80.9	0	LALE20_SPN
LITT10	SEEBOARD Power Networks	0.96	18	18	0	LITT40
NFLE10	SEEBOARD Power Networks	0.96	462.6	458.6	43.7	NFLE40
NINF10	SEEBOARD Power Networks	0.96	485.5	485.5	0	NINF40

WWEY10	SEEBOARD Power Networks	0.96	444.2	443.8	0	WWEY20
GRST60	Sembcorp (Formerly ICI)	0.86	221	50	120	Station Load
MOSM50	SHELL	1	23.5	23.5	0	MOSM10
ABNE30	SHEPD	0.98	52.7	52	3	ABNE10
ALNE30	SHEPD	0.99	24.6	17.7	0	ALNE1Q / ALNE1R
ARBR30	SHEPD	0.98	43.7	43.4	0	ARBR1Q / ARBR1R
ARMO30	SHEPD	0.95	27.2	21.9	1	ARMO10
BEAU30	SHEPD	0.98	46.6	39.6	3	BEAU10
BOAG30	SHEPD	0.98	37.8	23.9	2	BOAG1Q / BOAG1R
BRAC30	SHEPD	0.98	48.3	46.4	2	BRAC1Q / BRAC1R
BRID30	SHEPD	0.98	45	44.4	0	BRID1Q / BRID1R
BROA30	SHEPD	0.98	11.6	9.6	1	BROA1Q
BROR30	SHEPD	0.99	13.5	10.4	0	BROR10
BUMU30	SHEPD	0.98	59.8	53.6	1	BUMU10
CAAD30	SHEPD	1	29.6	19.7	1	CAAD1Q / CAAD1R
CASS50	SHEPD	0.99	2.6	1.7	0	CASS1Q
CEAN50	SHEPD	0.95	5.5	2.5	0	CEAN1Q
CHAR30	SHEPD	0.98	31.6	31.4	0	CHAR10
CLAC30	SHEPD	0.94	-3.8	-3.5	8	CLAC1Q
CLAY30	SHEPD	0.97	67.7	62.7	0	CLAY1Q / CLAY1R
COUA30	SHEPD	0.97	30	25.7	0	COUA10
CRAI30	SHEPD	0.99	32.2	31.6	0	CRAI10
DOUN50	SHEPD	0.99	8.6	6.6	0	DOUN10
DUBE30	SHEPD	1	16.5	14	0	DUBE1Q
DUDH30	SHEPD	0.97	37	34.4	0	DUDH1Q / DUDH1R
DUGR30	SHEPD	0.98	9.1	7.2	2	DUGR1Q
DUNO30	SHEPD	0.97	19.4	15.4	5	DUNO1Q / DUNO1R
DYCE30	SHEPD	0.96	50.6	42.4	4	DYCE1Q / DYCE1R
ELGI30	SHEPD	0.97	58.7	58.4	0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.97	-0.1	1	1	FASN10
FAUG30	SHEPD	0.96	1.8	1	1	FAUG10
FIDD30	SHEPD	0.98	25.4	25.4	0	FIDD1Q
FRAS30	SHEPD	0.95	24.2	21.6	0	FRAS1Q / FRAS1R
FWIL30	SHEPD	0.98	75.1	44.8	5	FWIL1Q / FWIL1R
GLAG30	SHEPD	0.98	33.9	26.2	2	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.92	4.4	4.3	4	GRUB1Q / GRUB1R
INNE30	SHEPD	0.97	88.5	89.5	4	INNE1Q / INNE1R
KEIT30	SHEPD	1	0	0	0	KEIT10

KEMD30	SHEPD	0.98	96.5	90.2	0	
KIIN30	SHEPD	0.94	-2.4	-3.7	0	KIIN10
KILO30	SHEPD	0.98	3.3	2.8	0	KILO10
KINT30	SHEPD	0.98	87.6	87.6	0	KINT10
LAIR50	SHEPD	0.53	0.7	0.3	2	LAIR1Q
LUNA30	SHEPD	0.99	73.6	69.8	1	LUNA1Q / LUNA1R
LYND30	SHEPD	0.99	34.3	34.1	0	LYND1Q / LYND1R
MACD30	SHEPD	1	0	0	0	MACD1Q
MILC30	SHEPD	0.99	70.9	70.2	7	MILC10
MYBS30	SHEPD	0.95	10.4	8.7	0	MYBS1Q / MYBS1R
NAIR30	SHEPD	0.96	46.8	40.4	0	NAIR10
PEHG30	SHEPD	0.97	30.1	24.1	0	PEHG1Q / PEHG1R
PEHS50	SHEPD	0.99	10.6	7.4	0	PEHE10
PERS30	SHEPD	0.98	52.1	50.7	3	PERS10
PORA30	SHEPD	0.98	16	11.4	5	PORA1Q / PORA1R
RANN30	SHEPD	0.97	-0.9	1.2	3	RANN1Q / RANN1R
REDM30	SHEPD	0.97	53	52.1	0	REDM1Q / REDM1R
SFEG50	SHEPD	0.97	17.3	15.9	0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.95	-4	1.3	5	SFIL1Q
SHIN50	SHEPD	0.74	1.2	0.3	0	SHIN10
SLOY11	SHEPD	0.99	3.7	3	0	SLOY10
STLE30	SHEPD	0.88	14.3	9.2	2	STLE10
STRI30	SHEPD	0.98	19.9	17.3	0	STRI1Q / STRI1R
TARL30	SHEPD	0.97	19.4	13.8	0	TARL1Q / TARL1R
TAYN30	SHEPD	0.97	31.4	23.8	11	TAYN1Q / TAYN1R
THSO30	SHEPD	1	44.2	40.9	12	THSO1Q / THSO1R
TUMB30	SHEPD	0.98	17.7	15.4	1	TUMB1Q / TUMB1R
WIOW30	SHEPD	0.98	49.2	47.7	0	WIOW1Q / WIOW1R
WOHI30	SHEPD	0.98	47	47	0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	0.98	63.4	63.4	0	AMEM4A_SEP / AMEM4B_SEP
AXMI10	Southern Electric	0.96	122.5	122.5	3	AXMI40_SEP
BOTW10	Southern Electric	0.97	188.5	195.5	2	BOTW40
BRFL40	Southern Electric	0.94	1406.3	1406.3	76	BRFL40
BRLE13	Southern Electric	0.93	108.5	108.5	3	BRLE40
BRLE14	Southern Electric	0.93	108.5	108.5	3	BRLE40
CHIC10	Southern Electric	0.95	107.3	107.3	47	CHIC40
COWL10	Southern Electric	0.96	780	780	4	COWL40
EALI60	Southern Electric	0.92	261.2	261.2	2	EALI20
FAWL10	Southern Electric	0.89	339.9	339.9	125	FAWL40

IVER10	Southern Electric	0.97	490.2	4880.4	20	IVER20
IVER60	Southern Electric	0.86	144.4	144.4	4	IVER20
LALE10	Southern Electric	0.9	274	274	16	LALE20_SEP
LOVE10	Southern Electric	0.96	694.5	694.5	17.6	LOVE40
MANN10	Southern Electric	0.98	748.3	748.2	7	MANN40
MELK10	Southern Electric	0.95	398.5	415.9	11	MELK40_SEP
MITY10	Southern Electric	0.97	365.7	365.7	3.9	MITY40
NHYD60	Southern Electric	0.95	251.9	251.9	0	NHYD2A / NHYD2B
NURS10	Southern Electric	0.97	448.5	448.5	5	NURS40
TYNE50	Southern Electric	0.95	6.1	6.1	0	TYNE20
WISD60	Southern Electric	0.94	166.7	166.7	0	WISD20_EPN
AYR20	SP Distribution	0.97	68	64.3	0	AYRR2Q / AYRR2R
BRAE1	SP Distribution	0.96	41.3	37.7	0	BRAP10
GRMO3	SP Distribution	0.98	42.2	34.9	4	GRMO20
HAGR3	SP Distribution	0.97	56.1	45.8	0	HAGR1Q / HAGR1R
PAIS3	SP Distribution	0.98	44.3	32.1	0	PAIS1S / PAIS1T
BAGA10	SP Distribution	0.98	68.4	65	0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	0.97	42.5	39.9	0	BAIN10
BERW10	SP Distribution	0.81	35.8	23.7	0	BERW1Q / BERW1R
BONN20	SP Distribution	0.94	72.5	73.7	0	BONN20
BROX10	SP Distribution	0.97	61.5	55.7	0	BROX1Q / BROX1R
CAFA10	SP Distribution	1	0.3	-7.2	5	CAFA1Q
CATY10	SP Distribution	0.97	55.4	52.4	0	CATY1Q / CATY1R
CHAP10	SP Distribution	0.94	48	47.7	0	CHAP10
CHAS20	SP Distribution	0.96	93.1	58.9	0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	0.98	91	75.9	7	CLYM20
COAT30	SP Distribution	0.98	76	71.3	0	COAT2Q / COAT2R
COCK30	SP Distribution	0.98	49.4	46.9	0	COCK20
COYL10	SP Distribution	0.93	52	41.7	10	COYL10
CROO31	SP Distribution	0.99	53.9	49.6	0	CROO1Q / CROO1R
CROO32	SP Distribution	0.99	29.4	19.3	0	CROO1Q / CROO1R
CUMB10	SP Distribution	0.98	55.8	49.5	9	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.96	70.9	67.5	0	CUPA1Q / CUPA1R
CURR20	SP Distribution	0.98	13.4	12.4	0	CURR10
DEVM10	SP Distribution	0.98	57	35.9	0	DEVM10
DEVO10	SP Distribution	0.95	66.3	55	0	DEVO10
DEWP30	SP Distribution	0.97	106.8	98.5	0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.99	18.2	7.1	0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	0.99	82.5	77.2	0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	0.91	49.1	41.9	0	DUMF10

DUMF32	SP Distribution	0.9	11.4	7.5	0	DUMF10
DUMF50	SP Distribution	0.99	18.5	16.8	0	DUMF10
DUNB30	SP Distribution	0.92	41.4	31.5	0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	0.98	42.3	16.9	1	DUNF1Q / DUNF1R
EAST50	SP Distribution	-1	0.9	-7.8	5	EAST1Q
ECCL30	SP Distribution	1	57.3	33.5	0	ECCL10
EERH30	SP Distribution	0.97	108.6	103.2	0	EERH20
EKIL30	SP Distribution	0.97	78.8	74.7	0	EKIL2S / EKIL2T
EKIS30	SP Distribution	0.96	39.7	33.8	4	EKIS20
ELDE10	SP Distribution	0.98	49.1	46.6	0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	0.98	26	24.2	0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.92	49.4	38.5	8	GALA10
GIFF30	SP Distribution	0.98	84.2	71.8	0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1	2.6	-11.7	14	GLLE10
GLLU30	SP Distribution	0.91	28.7	14.6	5	GLLU1Q / GLLU1R
GLNI30	SP Distribution	0.98	27.3	13.2	0	GLNI10
GLRO30	SP Distribution	0.96	46.7	44.4	0	GLRO20
GORG30	SP Distribution	0.97	38.6	33	0	GORG1Q / GORG1R
GOVA30	SP Distribution	0.97	43.6	30.8	0	GOVA1Q / GOVA1R
GRMO30	SP Distribution	0.98	39.6	33.3	0	GRMO20
HAWI30	SP Distribution	0.98	28.8	20.8	0	HAWI10
HELE30	SP Distribution	0.99	23.2	11.2	0	HELE10
HUNF30	SP Distribution	0.62	7.8	3.8	0	HUNF1Q / HUNF1R
INKE30	SP Distribution	0.98	60.9	57.8	0	INKE1Q / INKE1R
JOHN30	SP Distribution	0.98	52.1	49.2	0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	0.98	100.1	93.5	5	KAIM20
KEOO50	SP Distribution	-1	0.4	-15.1	14	KEOO10
KIER30	SP Distribution	0.98	78.8	71.6	2	KIER1Q / KIER1R
KILB30	SP Distribution	0.97	36.4	23.7	0	KILB1Q / KILB1R
KILB50	SP Distribution	0.98	12.1	11	0	KILB1Q / KILB1R
KILS30	SP Distribution	0.98	39.3	34.2	1	KILS20
KILT30	SP Distribution	0.96	94.7	89.4	0	KILT2Q / KILT2R
KILW30	SP Distribution	0.96	53.2	22.6	16	KILW10
LEVE30	SP Distribution	0.97	44.7	41.6	0	LEVE1Q / LEVE1R
LING30	SP Distribution	0.97	74.7	65.8	0	LING1Q / LING1R
LINM30	SP Distribution	0.94	56.9	42	20	LINM20
MAYB30	SP Distribution	0.96	25.3	20	1	MAYB10
NEAR30	SP Distribution	0.98	88.5	84.8	4	NEAR20
NETS30	SP Distribution	0.89	12.7	10.4	0	NETS10
PART30	SP Distribution	0.98	51.9	47	0	PART1Q / PART1R

POOB30	SP Distribution	0.97	91.7	85.4	3	POOB2Q / POOB2R
PORD30	SP Distribution	0.98	88.6	77.5	0	PORD2Q / PORD2R
RAVE30	SP Distribution	1	24.2	9	0	RAVE2Q / RAVE2R
REDH30	SP Distribution	0.98	47.7	43.5	0	REDH10
SACO3A	SP Distribution	0.93	44.7	37	12	SACO1Q / SACO1R
SACO3B	SP Distribution	0.92	37.7	32.7	0	SACO1Q / SACO1R
SANX30	SP Distribution	0.97	58.8	54.4	0	SANX1Q / SANX1R
SHRU30	SP Distribution	0.98	76.2	42.9	0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	0.99	110.3	104.7	0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	0.98	45.4	39.2	0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.98	59.9	48.3	0	STHA20
STIR30	SP Distribution	0.97	81.7	69.8	0	STIR1S / STIR1T
STLE30	SP Distribution	0.98	67.8	64.4	0	STLE10
TELR30	SP Distribution	0.99	40.1	37.9	0	TELR1Q / TELR1R
TONG50	SP Distribution	0.93	29.2	24.3	0	TONG10
WFIE30	SP Distribution	0.93	41.2	28	8	WFIE10
WGEO30	SP Distribution	0.96	101.8	82.3	0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	0.98	70.7	61.5	0	WHHO2Q / WHHO2R
WISH10	SP Distribution	0.98	100.4	80.1	0	WISH20
COCK30	SP Generation	0.86	13	13	0	COCK20
BIRK10	SP MANWEB	0.99	293	293	30	BIRK20
CAPE10	SP MANWEB	0.96	261	255	71	CAPE20
CARR10	SP MANWEB	0.94	121	114	146	CARR20
CASK10	SP MANWEB	0.92	420	210	657	FROD40
CELL10	SP MANWEB	0.95	183	183	2	CELL40_AQUL
CONQ10	SP MANWEB	0.93	272	283	65	DEES40
FIDF13	SP MANWEB	0.94	286	264	24	FIDF20
FROD10	SP MANWEB	0.96	84	84	22	FROD20
IMPP30	SP MANWEB	1	90	90	0	IMPP40
INCE10	SP MANWEB	0.97	111	77	44	FROD20
KIBY10	SP MANWEB	0.98	398	387	16	KIBY20
LEGA10	SP MANWEB	0.93	338	334	45	LEGA40
LISD10	SP MANWEB	1	343	343	7	LISD20
PENT10	SP MANWEB	0.99	177	177	12	PENT40
RAIN10	SP MANWEB	0.99	459	459	22	RAIN20
SHOT10	SP MANWEB	0.99	82	82	252	DEES40
SWAN11	SP MANWEB	0.91	23.9	17	16	SWAN20_SPM
SWAN12	SP MANWEB	0.91	28.1	20	18	SWAN20_SPM
TRAW10	SP MANWEB	1	85	74	39	TRAW20
WYLF10	SP MANWEB	0.98	60	65	4	WYLF40

FERR11	SSE Generation Ltd	0.85	23	4	0	Station Load
FERR12	SSE Generation Ltd	0.85	23	4	0	Station Load
ABTH11	SWALEC (Infralec)	0.98	107.4	104.3	1	ABTH20
ABTH12	SWALEC (Infralec)	0.98	107.4	104.3	1	ABTH20
ALST30	SWALEC (Infralec)	0.8	54	1.1	0	
CARE10	SWALEC (Infralec)	0.98	194.4	188.8	1	CARE20
GRAN60	SWALEC (Infralec)	0.67	119	4.4	5	MAGA20
PEMB10	SWALEC (Infralec)	0.95	203.6	203.8	0	PEMB40
PYLE10	SWALEC (Infralec)	0.96	161.6	122.7	14	PYLE20
RASS10	SWALEC (Infralec)	0.97	236.6	236.6	5	RASS40
SWAN11	SWALEC (Infralec)	0.99	248.6	241.2	14	SWAN20_SWA
SWAN12	SWALEC (Infralec)	0.99	291.9	283.1	16	SWAN20_SWA
UPPB10	SWALEC (Infralec)	0.97	177.5	161.1	2	UPPB20
UPPB30	SWALEC (Infralec)	0.97	108	90.2	1	UPPB20
USKM10	SWALEC (Infralec)	0.92	280	267	6	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	0.95	22	2	0	MEAD10
ABHA11	WPD(formerly SWEB)	1	106.1	101.3	0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1	152.7	145.7	0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	-1	220	210	0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	0.97	112.7	108	0	AXMI40_SWEB
BRWA10	WPD(formerly SWEB)	0.96	244	233	0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1	328	313	0	EXET40
INDQ10	WPD(formerly SWEB)	1	460	440	0	INDQ40
IROA11	WPD(formerly SWEB)	0.98	212.4	202.6	0	IROA20_SWEB
IROA12	WPD(formerly SWEB)	0.98	265.6	253.4	0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1	274	262	0	LAND40
MELK10	WPD(formerly SWEB)	0.98	100	95	0	MELK40_SWEB
SEAB11	WPD(formerly SWEB)	0.96	312	298	0	SEAB40
TAUN10	WPD(formerly SWEB)	0.99	132	126	0	TAUN4B
BRAW11	Yorkshire Electricity	1	236	236	0	BRAW20
BRAW12	Yorkshire Electricity	1	271	271	3	BRAW20
CAML60	Yorkshire Electricity	0.96	26	25	0	DRAX40
CREB11	Yorkshire Electricity	0.94	226	226	4	CREB40
CREB12	Yorkshire Electricity	0.97	275	274	25	CREB40
DRAX11	Yorkshire Electricity	0.85	26.5	21.9	0	DRAX40
DRAX12	Yorkshire Electricity	0.85	26.5	21.9	0	DRAX40
ELLA11	Yorkshire Electricity	0.94	196	174	50	ELLA20
ELLA12	Yorkshire Electricity	0.94	194	172	5	ELLA20

FERR11	Yorkshire Electricity	0.94	156	152	59	FERR20_YED / FERR2A_YED / FERR2B_YED
FERR12	Yorkshire Electricity	0.94	165	161	0	FERR20_YED
FERR60	Yorkshire Electricity	0.97	99	97	3	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.95	167	149	36	GRIW40
JORD30	Yorkshire Electricity	0.98	75	72	0	JORD20
KEAD10	Yorkshire Electricity	0.71	423	336	28	KEAD40
KIRK10	Yorkshire Electricity	0.95	316	310	4	KIRK20
NEEP30	Yorkshire Electricity	0.95	91	91	0	NEEP20
NORL30	Yorkshire Electricity	0.99	74	73	0	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.93	66	56	0	PITS20
PITS32	Yorkshire Electricity	0.81	45	6	0	PITS20
SAEN10	Yorkshire Electricity	0.99	134	114	3	SAEN20
SHEC30	Yorkshire Electricity	0.96	99	91	0	SHEC20
SKLG10	Yorkshire Electricity	0.96	665	657	19	SKLG20
THOM60	Yorkshire Electricity	0.95	151	146.8	5	THOM20
THUR60	Yorkshire Electricity	0.96	187	187	1	THUR20
WIBA30	Yorkshire Electricity	0.88	39	34	1	WIBA20
WMEL11	Yorkshire Electricity	0.95	151	146.8	10	WMEL20
WMEL12	Yorkshire Electricity	0.95	151	146.8	1	WMEL20
WMEL13	Yorkshire Electricity	1	377	374	4.1	WMEL20

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Table E.1.7 - GSP Winter peak Demand (MW), Generation (MW) and Power Factor, 2015/16

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1	325	325	0	BLYT20
WYLF10	Anglesey Aluminium	0.98	264	264	0	Station Load
TEMP30	BOC	0.98	10	8	0	TEMP20
DUNG20	British Energy	0.79	14	14	0	Station Load
EGGB41	British Energy	0.9	40	17	0	Station Load
HEYS10	British Energy	0.79	115	61	0	Station Load
HINP21	British Energy	0.76	47.5	12	0	Station Load
HINP22	British Energy	0.76	47.5	12	0	Station Load
SIZE40	British Energy	0.8	4	4	0	Station Load
TREM30	Celsa	0.85	95	0	0	TREM20
BESW10	Central Networks East (EMEB)	0.97	412.6	412.6	2	BESW20
BICF10	Central Networks East (EMEB)	0.96	196.2	186.3	58	BICF4A /BICF4B
CHTE10	Central Networks East (EMEB)	0.95	582.3	582.3	10.6	CHTE20
COVE10	Central Networks East (EMEB)	0.93	604.1	604.1	10	COVE20
DRAK10	Central Networks East (EMEB)	0.95	208.5	208.5	2	DRAK20
ECLA10	Central Networks East (EMEB)	0.9	457.4	457.4	3	ECLA40_EME
ENDE10	Central Networks East (EMEB)	0.95	555.2	549.7	4	ENDE40
GREN10	Central Networks East (EMEB)	0.93	786.2	786.2	27.6	GREN40_EME
HAMH12	Central Networks East (EMEB)	0.96	0	0	0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	0.96	136.9	136.9	1	HAMH40_EME
RATS10	Central Networks East (EMEB)	0.94	623	589.9	3	RATS40
SBAR40	Central Networks East (EMEB)	0.96	112	107	0	SBAR40

STYC10	Central Networks East (EMEB)	0.93	192.8	192.8	2	STAY40
WALP10	Central Networks East (EMEB)	0.89	266.7	266.7	2	WALP40_EME
WBUR10	Central Networks East (EMEB)	0.95	294.1	293.9	4	WBUR40
WILL10	Central Networks East (EMEB)	0.96	660.7	655.5	2	WILE20
BISW10	Central Networks West (Aquila)	0.97	501.3	494.6	0	BISW20
BUSH10	Central Networks West (Aquila)	0.96	175	164.8	5	BUSH20
BUST10	Central Networks West (Aquila)	0.96	395.5	395.1	0	BUST20
CELL10	Central Networks West (Aquila)	0.88	492.9	492.9	50.8	CELL40_AQUL
ECLA10	Central Networks West (Aquila)	0.98	75.8	75.8	0.8	ECLA40_EME
FECK60	Central Networks West (Aquila)	0.87	359.5	318.4	0	FECK20
GLOU10	Central Networks West (Aquila)	0.95	706.7	706.7	8.5	WALH40
HAMH11	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	0.96	0	0	0	HAMH40_EME
IROA11	Central Networks West (Aquila)	0.96	124.7	124.7	0	IROA20_AQUIL
IRSH40	Central Networks West (Aquila)	0.94	352.6	352.6	0	IRSH40
KITW10	Central Networks West (Aquila)	0.96	454.9	454.9	0	KITW20
LEAM10	Central Networks West (Aquila)	0.94	316.7	316.7	0	HAMH40_AQUL
NECH10	Central Networks West (Aquila)	0.89	385.7	385.7	25.2	NECH20
OCKH10	Central Networks West (Aquila)	0.96	131.1	114.2	0	OCKH20
OLDB10	Central Networks West (Aquila)	0.97	104.2	104.4	0	OLDB20
PENN10	Central Networks West (Aquila)	0.94	330.9	330.9	0	PENN20
RUGE10	Central Networks West (Aquila)	0.96	261.6	261.6	0	RUGE40
WIEN10	Central Networks West (Aquila)	0.94	220.5	205.4	0	WIEN2A /WIEN2B
GREN10	Corby Power Ltd	1	0	0	0	GREN40_EME

ALDW31	CORUS	0.75	36	36	0	ALDW20
ALDW32	CORUS	0.82	160	88	0	ALDW20
GRT060	CORUS	0.8	8	8	0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5	3	0	RAVE2Q /RAVE2R
STSB60	CORUS	0.92	70	0	0	STSB40
TEMP30	CORUS	0.75	12	7	0	TEMP20
TINP32	CORUS	0.7	59	49	0	TINP2A /TINP2B
TODP60	CORUS	0.8	10	1	88	TODP20
WHSO31	CORUS	0.91	48.2	28.6	0	WHSO20
WHSO32	CORUS	0.91	48.2	28.6	0	WHSO20
WILL10	Derwent	1	0	0	0	Station Load
DRAX11	Drax Power Limited	0.9	17	17	0	Station Load
DRAX12	Drax Power Limited	0.9	75	75	0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.34	40	8	0	Station Load
DEES4	E.ON (UK) plc (Powergen)	1	0	0	0	
GRAI40	E.ON (UK) plc (Powergen)	0.83	31	6	18	Station Load
IRON10	E.ON (UK) plc (Powergen)	0.77	6	6	0	Station Load
KINO10	E.ON (UK) plc (Powergen)	0.8	40	10	0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.77	43	13	0	Station Load
AMEM10	Eastern Power Networks	0.96	74.3	63.6	0	AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	0.97	104.6	104.6	0	BARK20_EPN
BARW30	Eastern Power Networks	0.94	69.8	69.8	0	BARK20_EPN
BRFO10	Eastern Power Networks	0.96	866.3	866.2	265	BRFO40
BRIM10	Eastern Power Networks	0.95	277.1	272.4	0	BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.95	818.6	818.6	0	RAYL40 / BRAI4A
BURW10	Eastern Power Networks	0.96	346.3	346.2	0	BURW40
EASO10	Eastern Power Networks	0.96	177.8	177.8	7.5	EASO40
ELRH10	Eastern Power Networks	0.96	559.9	559.9	0	ELST20 / RYEH40 / RYEH4A

ELST10	Eastern Power Networks	0.96	100.8	100.8	0	ELST20
ELWS10	Eastern Power Networks	0.96	354.7	352.5	0	ELST20 / WATS20
GREN10	Eastern Power Networks	0.96	155.4	155.4	5.7	GREN40_EME
MILH10	Eastern Power Networks	0.96	237.3	237.3	0	MILH2A_EPN / MILH2B_EPN
NORW10	Eastern Power Networks	0.96	713.6	678.2	29	NORW40
PEWY10	Eastern Power Networks	0.96	563.2	563.2	0	WYMO40 / PELH40
SUND10	Eastern Power Networks	0.96	528.5	528.5	19.8	SUND40
TILB11	Eastern Power Networks	0.96	63.7	60.9	5	TILB20
TILB12	Eastern Power Networks	0.96	69.1	69.1	4	TILB20
TILB13	Eastern Power Networks	0.96	69.1	69.1	4	TILB20
TILB14	Eastern Power Networks	0.96	63.7	60.9	5	TILB20
TOTT10	Eastern Power Networks	0.96	374	374	28.9	TOTE20 / TOTW20
WALP10	Eastern Power Networks	0.96	621.8	621.8	82.5	WALP40_EME
WARL10	Eastern Power Networks	0.96	235.7	232.8	12	WARL20
WATS12	Eastern Power Networks	0.96	231.3	230.8	0	WATS20
WISD10	Eastern Power Networks	0.96	63.3	63.3	0	WISD20_EME
WTHU60	Eastern Power Networks	0.96	84.8	84.2	0	WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	0.97	163.6	163.6	0	BARK20_LPN
BARW30	EDF (Formerly LPN)	0.94	200.1	200.1	0	BARK20_EPN
BEDD10	EDF (Formerly LPN)	0.96	152.1	152.1	0	BEDD20_SPN
BRIM10	EDF (Formerly LPN)	0.95	161.4	161.4	0	BRIM2A_LPN / BRIM2B_LPN / BRIM2C_LPN
CITR10	EDF (Formerly LPN)	0.96	945.1	945.1	7.2	CITR42
HACK10	EDF (Formerly LPN)	0.96	132.5	132.5	0	ACK2A/HACK2B
HACK60	EDF (Formerly LPN)	0.97	181.2	176.1	0	HACK2A /HACK2B
HURS10	EDF (Formerly LPN)	0.96	340.7	340.7	0	HURS20
LITT10	EDF (Formerly LPN)	0.96	180.5	180.5	4.3	LITT40

LODR60	EDF (Formerly LPN)	0.96	452.7	452.7	0	SJOW20
MILH10	EDF (Formerly LPN)	0.92	0	0	0	MILH2A_EPN / MILH2B_EPN
NEWX10	EDF (Formerly LPN)	0.96	241.8	241.8	0	NEWX20
NEWX60	EDF (Formerly LPN)	0.96	309.2	309.2	0	NEWX20
REBR30	EDF (Formerly LPN)	0.98	126.5	126.5	0	REBR20
SJOW10	EDF (Formerly LPN)	0.96	767.9	767.9	4	SJOW40
WHAM10	EDF (Formerly LPN)	0.96	758.5	758.5	4	WHAM40
WIGP10	EDF (Formerly LPN)	0.96	642.9	636.7	0	WIMB20
WIMB14	EDF (Formerly LPN)	0.96	173.7	170.7	0	WIMB20
WISD10	EDF (Formerly LPN)	0.96	273.5	267.7	0	WISD20_LPN
WISD60	EDF (Formerly LPN)	0.96	155.3	155.3	0	WISD20_LPN
WBUR10	EdF Energy	0.87	60	9	0	Station Load
SFEM50	Exxon Mobil	1	21.4	21.4	0	SFEM10
SEFI10	Fellside Heat and Power	1	43	43	0	Station Load
DINO40	First Hydro	1	1650	0	0	Station Load
FFES21	First Hydro	1	150	0	0	Station Load
FFES22	First Hydro	1	150	0	0	Station Load
BAGB20	GE Energy	0.95	27	27	530	Station Load
HUMR40	Immingham CHP	1	0	0	0	
GRMO30	Ineos (Innovene) Grangemouth	0.98	75	75	0	GRMO20
RUGE10	International Power	0.8	30	4	0	RUGE40
CULJ31	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ32	J E T	0.95	0.1	0.1	0	CULJ4A
CULJ33	J E T	0.95	0.1	0.1	0	CULJ4A
HARE30	MOD	0.8	16	16	0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.88	88	88	0	GRAI40
SFEG10	National Grid	0.97	50	50	0	SFEG10
BARK10	Network Rail	0.85	0	0	0	
BARK40	Network Rail	1	6	6	0	
BERW10	Network Rail	1	2	2	0	BERW1Q / BERW1R
CATY1A	Network Rail	1	1.5	1.5	0	CATY1Q / CATY1R
CATY1B	Network Rail	1	1.5	1.5	0	CATY1Q / CATY1R
DEVM10	Network Rail	1	1	1	0	DEVM10
ECCF1A	Network Rail	1	2	2	0	
ECCF1B	Network Rail	1	2	2	0	
ELST4A	Network Rail	1	13	13	0	ELST20
ELST4B	Network Rail	1	13	13	0	ELST20

ELVA20	Network Rail	1	1	1	0	
HARK40	Network Rail	1	1	1	0	HARK20
INWI1A	Network Rail	1	3	3	0	
INWI1B	Network Rail	1	3	3	0	
LEIB4A	Network Rail	1	3	3	0	LEIB4B
LEIB4B	Network Rail	1	3	3	0	LEIB4B
PAFB4A	Network Rail	1	6	6	0	PAFB4B
PAFB4B	Network Rail	1	6	6	0	PAFB4B
POOB2A	Network Rail	1	1.5	1.5	0	POOB2Q / POOB2R
POOB2B	Network Rail	1	1.5	1.5	0	POOB2Q / POOB2R
POPP20	Network Rail	1	0	0	0	POPP20
RUGE40	Network Rail	1	9	9	0	RUGE40
SACO1A	Network Rail	1	2	2	0	SACO1Q / SACO1R
SACO1B	Network Rail	1	2	2	0	SACO1Q / SACO1R
SANX1A	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SANX1B	Network Rail	1	3.5	3.5	0	SANX1Q / SANX1R
SELL30	Network Rail	0.99	37	37	0	SELL40
SING40	Network Rail	0.99	21	21	0	SING40
STLE10	Network Rail	1	4	4	0	STLE10
WISH20	Network Rail	1	6	6	0	WISH20
WYMO40	Network Rail	1	11	11	0	WYMO40
ALCA1A	Northern Electric	0.9	120.4	-7	0	BLYT20
ALCA1B	Northern Electric	0.9	120.4	-7	0	BLYT20
BLYT60	Northern Electric	0.99	211	210	6	BLYT20
FERR11	Northern Electric	0.97	0	0	0	FERR20_NED
FERR12	Northern Electric	0.97	0	0	0	FERR20_NED
FOUR70	Northern Electric	1	18	14	0	FOUR20
HARM60	Northern Electric	0.98	108	105	3	HARM20
HAWP60	Northern Electric	0.98	128	128	3	HAWP20
KNAR10	Northern Electric	0.97	203	200	0	KNAR20
LACK60	Northern Electric	0.99	257	226	0	LACK20
NORT11	Northern Electric	0.96	281.7	275.3	12	NORT20
NORT12	Northern Electric	0.96	281.7	275.3	12	NORT20
OFFE30	Northern Electric	0.96	76	75	0	OFFE20
OSBA10	Northern Electric	0.98	302	295	2	OSBA40
POPP30	Northern Electric	0.98	57	57	0	POPP20
SALH10	Northern Electric	0.9	136	-53	117	SALH20
SPEN10	Northern Electric	0.96	286	286	7	SPEN20
SSHI30	Northern Electric	0.97	53	50	0	SSHI20
STEN11	Northern Electric	0.97	126.6	125.3	2	STEW20

STEN12	Northern Electric	0.97	126.6	125.3	2	STEW20
STES10	Northern Electric	0.97	284	280	7	STEW20
TYNE10	Northern Electric	0.99	254	252	1	TYNE20
WBOL60	Northern Electric	1	304	304	0	WBOL20
BRED10	NORWEB (UU)	0.95	345.8	345.8	0	BRED20
CARR10	NORWEB (UU)	0.95	266.2	266.2	20	CARR20
HARK11	NORWEB (UU)	0.93	24.1	24.1	224	HARK20
HARK12	NORWEB (UU)	0.92	59.5	59.5	134	HARK20
HEYS10	NORWEB (UU)	0.72	-197.1	-197.1	316	HEYS40
HUTT10	NORWEB (UU)	0.96	235.4	235.4	34	HUTT40
KEAR11	NORWEB (UU)	0.96	340.4	340.4	0	KEAR20
KEAR12	NORWEB (UU)	0.95	259.7	259.7	0	KEAR20
KEAR30	NORWEB (UU)	0.97	124.9	124.9	8	KEAR20
MACC30	NORWEB (UU)	0.95	83.2	83.2	9	MACC20
PADI10	NORWEB (UU)	0.94	219	219	0	PADI40
PENE11	NORWEB (UU)	0.96	170.7	170.7	0	PEWO40
PENE12	NORWEB (UU)	0.96	98.6	98.6	0	PEWO40
PENW11	NORWEB (UU)	0.96	98.5	98.5	6	PEWO20
PENW12	NORWEB (UU)	0.97	88.7	88.7	0	PEWO20
RAIN10	NORWEB (UU)	0.96	92.5	92.5	0	RAIN20
ROCH11	NORWEB (UU)	0.96	245.4	245.4	9	ROCH20
ROCH12	NORWEB (UU)	0.72	-34.5	-34.5	60	ROCH20
SMAN10	NORWEB (UU)	0.96	339.7	339.7	19	SMAN20
STAH10	NORWEB (UU)	0.93	373.2	283.2	12	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.94	441	441	0	STAL20
WASF1A	NORWEB (UU)	0.94	176.4	176.4	4	WASF2A
WASF1B	NORWEB (UU)	0.95	105	105	4	WASF2B
WHGA10	NORWEB (UU)	0.97	311.2	311.2	4	WHGA20
CHAP10	Nuclear Decommissioning Authority	0.89	0	0	0	CHAP10
DUNG20	Nuclear Decommissioning Authority	0.89	4	4	0	Station Load
HINP20	Nuclear Decommissioning Authority	0.89	2	2	0	Station Load
OLDS11	Nuclear Decommissioning Authority	0.85	5	5	0	Station Load
SIZE10	Nuclear Decommissioning Authority	0.89	4	4	0	SIZE40

TRAW20	Nuclear Decommissioning Authority	0.89	1	1	0	TRAW20
WYLF10	Nuclear Decommissioning Authority	0.9	10	10	0	Station Load
ABTH11	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.82	44	39.5	0	ABTH20
BLYT60	RWE Npower plc (Innogy)	0.85	50	50	0	BLYT20
DRAY10	RWE Npower plc (Innogy)	0.85	15	15	0	
FAWL40	RWE Npower plc (Innogy)	0.65	20	3	0	FAWL40
LITT10	RWE Npower plc (Innogy)	0.88	4	4	0	LITT40
TILB11	RWE Npower plc (Innogy)	0.85	22	4	0	TILB20
SAES20	Saltend	0.96	100	100	0	SAES20
BEDD10	SEEBOARD Power Networks	0.96	598.4	598.4	0	
BOLN11	SEEBOARD Power Networks	0.96	512.6	512.6	0	BOLN40
BOLN12	SEEBOARD Power Networks	0.96	512.6	512.6	0	BOLN40
CHSI10	SEEBOARD Power Networks	0.96	232	231.1	0	CHSI20
CHSI1A	SEEBOARD Power Networks	0.96	81.1	80.2	0	CHSI20
CHSI1B	SEEBOARD Power Networks	0.96	81.1	80.2	0	CHSI20
CSEK40	SEEBOARD Power Networks	0.96	918.7	910.9	123	CSEK40
KEMS13	SEEBOARD Power Networks	0.96	72.4	0	0	KEMS40
KINO10	SEEBOARD Power Networks	0.96	254	255.1	0	KINO40
LALE10	SEEBOARD Power Networks	0.96	81.7	81.4	0	LALE20_SPN
LITT10	SEEBOARD Power Networks	0.96	21	21	0	LITT40
NFLE10	SEEBOARD Power Networks	0.96	461.2	461.2	43.7	NFLE40
NINF10	SEEBOARD Power Networks	0.96	489.5	489.5	0	NINF40

WWEY10	SEEBOARD Power Networks	0.96	449.8	449.8	0	WWEY20
GRST60	Sembcorp (Formerly ICI)	0.86	221	50	120	Station Load
MOSM50	SHELL	1	24	24	0	MOSM10
ABNE30	SHEPD	0.98	53.5	52.9	3	ABNE10
ALNE30	SHEPD	0.99	24.6	17.7	0	ALNE1Q / ALNE1R
ARBR30	SHEPD	0.98	44.7	44.5	0	ARBR1Q / ARBR1R
ARMO30	SHEPD	0.95	27.5	22.1	1	ARMO10
BEAU30	SHEPD	0.98	46.8	39.8	3	BEAU10
BOAG30	SHEPD	0.98	38.2	24.1	2	BOAG1Q / BOAG1R
BRAC30	SHEPD	0.98	49	47.1	2	BRAC1Q / BRAC1R
BRID30	SHEPD	0.98	45.9	45.3	0	BRID1Q / BRID1R
BROA30	SHEPD	0.98	11.6	9.6	1	BROA1Q
BROR30	SHEPD	0.99	13.9	10.7	0	BROR10
BUMU30	SHEPD	0.98	60.2	54	1	BUMU10
CAAD30	SHEPD	1	30.1	20.1	1	CAAD1Q / CAAD1R
CASS50	SHEPD	0.99	2.6	1.7	0	CASS1Q
CEAN50	SHEPD	0.95	5.7	2.6	0	CEAN1Q
CHAR30	SHEPD	0.98	31.6	31.4	0	CHAR10
CLAC30	SHEPD	0.94	-3.5	-3.3	8	CLAC1Q
CLAY30	SHEPD	0.97	68.9	63.7	0	CLAY1Q / CLAY1R
COUA30	SHEPD	0.97	30	25.7	0	COUA10
CRAI30	SHEPD	0.99	32.2	31.6	0	CRAI10
DOUN50	SHEPD	0.99	8.7	6.6	0	DOUN10
DUBE30	SHEPD	1	16.9	14.3	0	DUBE1Q
DUDH30	SHEPD	0.97	37	34.4	0	DUDH1Q / DUDH1R
DUGR30	SHEPD	0.98	9.2	7.3	2	DUGR1Q
DUNO30	SHEPD	0.97	19.4	15.4	5	DUNO1Q / DUNO1R
DYCE30	SHEPD	0.96	50.6	42.4	4	DYCE1Q / DYCE1R
ELGI30	SHEPD	0.97	58.9	58.6	0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.97	-0.1	1	1	FASN10
FAUG30	SHEPD	0.96	1.9	1.1	1	FAUG10
FIDD30	SHEPD	0.98	25.6	25.6	0	FIDD1Q
FRAS30	SHEPD	0.95	24.2	21.6	0	FRAS1Q / FRAS1R
FWIL30	SHEPD	0.98	76.8	45.8	5	FWIL1Q / FWIL1R
GLAG30	SHEPD	0.98	34.5	26.6	2	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.92	4.5	4.4	4	GRUB1Q / GRUB1R
INNE30	SHEPD	0.97	90.7	91.7	4	INNE1Q / INNE1R
KEIT30	SHEPD	1	0	0	0	KEIT10

KEMD30	SHEPD	0.98	91.6	91.6	0	
KIIN30	SHEPD	0.94	-2.4	-3.7	0	KIIN10
KILO30	SHEPD	0.98	3.3	2.8	0	KILO10
KINT30	SHEPD	0.98	89.4	89.4	0	KINT10
LAIR50	SHEPD	0.53	0.7	0.3	2	LAIR1Q
LUNA30	SHEPD	0.99	73.9	70	1	LUNA1Q / LUNA1R
LYND30	SHEPD	0.99	34.9	34.7	0	LYND1Q / LYND1R
MACD30	SHEPD	1	0	0	0	MACD1Q
MILC30	SHEPD	0.99	71.9	71.2	7	MILC10
MYBS30	SHEPD	0.95	10.6	8.9	0	MYBS1Q / MYBS1R
NAIR30	SHEPD	0.96	48.1	41.6	0	NAIR10
PEHG30	SHEPD	0.97	30.4	24.3	0	PEHG1Q / PEHG1R
PEHS50	SHEPD	0.99	10.7	7.4	0	PEHE10
PERS30	SHEPD	0.98	52.4	51	3	PERS10
PORA30	SHEPD	0.98	16	11.4	5	PORA1Q / PORA1R
RANN30	SHEPD	0.97	-0.9	1.2	3	RANN1Q / RANN1R
REDM30	SHEPD	0.97	53	52.1	0	REDM1Q / REDM1R
SFEG50	SHEPD	0.97	17.6	16.2	0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.95	-4	1.3	5	SFIL1Q
SHIN50	SHEPD	0.74	1.2	0.3	0	SHIN10
SLOY11	SHEPD	0.99	3.8	3.1	0	SLOY10
STLE30	SHEPD	0.88	14	9	2	STLE10
STRI30	SHEPD	0.98	20.1	17.4	0	STRI1Q / STRI1R
TARL30	SHEPD	0.97	19.6	13.9	0	TARL1Q / TARL1R
TAYN30	SHEPD	0.97	31.7	24	11	TAYN1Q / TAYN1R
THSO30	SHEPD	1	44.6	41.3	12	THSO1Q / THSO1R
TUMB30	SHEPD	0.98	18	15.7	1	TUMB1Q / TUMB1R
WIOW30	SHEPD	0.98	49.5	48	0	WIOW1Q / WIOW1R
WOHI30	SHEPD	0.98	47.5	47.5	0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	0.98	63.5	63.5	0	AMEM4A_SEP / AMEM4B_SEP
AXMI10	Southern Electric	0.96	122.7	122.7	3	AXMI40_SEP
BOTW10	Southern Electric	0.97	189.3	196.3	2	BOTW40
BRFL40	Southern Electric	0.94	1409.9	1409.9	76	BRFL40
BRLE13	Southern Electric	0.93	108.8	108.8	3	BRLE40
BRLE14	Southern Electric	0.93	108.8	108.8	3	BRLE40
CHIC10	Southern Electric	0.95	107.6	107.6	47	CHIC40
COWL10	Southern Electric	0.96	782.4	782.4	4	COWL40
EALI60	Southern Electric	0.92	263	263	2	EALI20
FAWL10	Southern Electric	0.89	340.7	340.7	125	FAWL40

IVER10	Southern Electric	0.97	491.8	490	20	IVER20
IVER60	Southern Electric	0.86	145.5	145.5	4	IVER20
LALE10	Southern Electric	0.9	278	277.9	16	LALE20_SEP
LOVE10	Southern Electric	0.96	696.9	696.9	17.6	LOVE40
MANN10	Southern Electric	0.98	749.5	749.5	7	MANN40
MELK10	Southern Electric	0.95	398.7	416.1	11	MELK40_SEP
MITY10	Southern Electric	0.97	366.6	366.6	3.9	MITY40
NHYD60	Southern Electric	0.95	253.3	253.3	0	NHYD2A / NHYD2B
NURS10	Southern Electric	0.97	450.2	450.2	5	NURS40
TYNE50	Southern Electric	0.95	6.1	6.1	0	TYNE20
WISD60	Southern Electric	0.94	167.7	167.7	0	WISD20_EPN
AYR20	SP Distribution	0.97	68.4	64.4	0	AYRR2Q / AYRR2R
BRAE1	SP Distribution	0.96	41.6	37.8	0	BRAP10
GRMO3	SP Distribution	0.98	42.5	35	4	GRMO20
HAGR3	SP Distribution	0.97	56.5	45.9	0	HAGR1Q / HAGR1R
PAIS3	SP Distribution	0.98	44.6	32.1	0	PAIS1S / PAIS1T
BAGA10	SP Distribution	0.98	68.9	65.2	0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	0.97	42.8	40	0	BAIN10
BERW10	SP Distribution	0.81	36	23.8	0	BERW1Q / BERW1R
BONN20	SP Distribution	0.94	72.9	73.9	0	BONN20
BROX10	SP Distribution	0.97	61.9	55.9	0	BROX1Q / BROX1R
CAFA10	SP Distribution	1	0.3	-7.2	5	CAFA1Q
CATY10	SP Distribution	0.97	55.7	52.6	0	CATY1Q / CATY1R
CHAP10	SP Distribution	0.94	48.3	47.9	0	CHAP10
CHAS20	SP Distribution	0.96	93.7	59	0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	0.98	91.6	76.1	7	CLYM20
COAT30	SP Distribution	0.98	76.5	71.5	0	COAT2Q / COAT2R
COCK30	SP Distribution	0.98	47.1	47.1	0	COCK20
COYL10	SP Distribution	0.93	52.3	41.8	10	COYL10
CROO31	SP Distribution	0.99	54.3	49.7	0	CROO1Q / CROO1R
CROO32	SP Distribution	0.99	29.6	19.3	0	CROO1Q / CROO1R
CUMB10	SP Distribution	0.98	56.1	49.7	9	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.96	71.3	67.7	0	CUPA1Q / CUPA1R
CURR20	SP Distribution	0.98	13.5	12.5	0	CURR10
DEVM10	SP Distribution	0.98	57.4	36	0	DEVM10
DEVO10	SP Distribution	0.95	66.7	55.1	0	DEVO10
DEWP30	SP Distribution	0.97	107.5	98.8	0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.99	18.3	7.1	0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	0.99	83.1	77.4	0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	0.91	49.5	42	0	DUMF10

DUMF32	SP Distribution	0.9	11.5	7.5	0	DUMF10
DUMF50	SP Distribution	0.99	18.6	16.9	0	DUMF10
DUNB30	SP Distribution	0.92	41.7	31.6	0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	0.98	42.6	17	1	DUNF1Q / DUNF1R
EAST50	SP Distribution	-1	0.9	-7.8	5	EAST1Q
ECCL30	SP Distribution	1	57.7	33.6	0	ECCL10
EERH30	SP Distribution	0.97	109.3	103.5	0	EERH20
EKIL30	SP Distribution	0.97	79.3	74.9	0	EKIL2S / EKIL2T
EKIS30	SP Distribution	0.96	39.9	33.9	4	EKIS20
ELDE10	SP Distribution	0.98	49.4	46.7	0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	0.98	26.1	24.3	0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.92	49.7	38.7	8	GALA10
GIFF30	SP Distribution	0.98	84.8	71.9	0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1	2.6	-11.7	14	GLLE10
GLLU30	SP Distribution	0.91	28.9	14.7	5	GLLU1Q / GLLU1R
GLNI30	SP Distribution	0.98	27.5	13.3	0	GLNI10
GLRO30	SP Distribution	0.96	47	44.5	0	GLRO20
GORG30	SP Distribution	0.97	38.9	33.1	0	GORG1Q / GORG1R
GOVA30	SP Distribution	0.97	43.9	30.9	0	GOVA1Q / GOVA1R
GRMO30	SP Distribution	0.98	39.9	33.4	0	GRMO20
HAWI30	SP Distribution	0.98	29	20.9	0	HAWI10
HELE30	SP Distribution	0.99	23.4	11.2	0	HELE10
HUNF30	SP Distribution	0.62	7.9	3.8	0	HUNF1Q / HUNF1R
INKE30	SP Distribution	0.98	61.3	58	0	INKE1Q / INKE1R
JOHN30	SP Distribution	0.98	52.5	49.3	0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	0.98	100.8	93.8	5	KAIM20
KEOO50	SP Distribution	-1	0.4	-15.1	14	KEOO10
KIER30	SP Distribution	0.98	79.3	71.8	2	KIER1Q / KIER1R
KILB30	SP Distribution	0.97	36.7	23.8	0	KILB1Q / KILB1R
KILB50	SP Distribution	0.98	12.2	11.1	0	KILB1Q / KILB1R
KILS30	SP Distribution	0.98	39.6	34.3	1	KILS20
KILT30	SP Distribution	0.96	95.3	89.6	0	KILT2Q / KILT2R
KILW30	SP Distribution	0.96	53.6	22.7	16	KILW10
LEVE30	SP Distribution	0.97	45	41.7	0	LEVE1Q / LEVE1R
LING30	SP Distribution	0.97	75.2	65.9	0	LING1Q / LING1R
LINM30	SP Distribution	0.94	57.2	42.2	20	LINM20
MAYB30	SP Distribution	0.96	25.5	20.1	1	MAYB10
NEAR30	SP Distribution	0.98	89.1	85	4	NEAR20
NETS30	SP Distribution	0.89	12.8	10.5	0	NETS10
PART30	SP Distribution	0.98	52.2	47.1	0	PART1Q / PART1R

POOB30	SP Distribution	0.97	92.3	85.6	3	POOB2Q / POOB2R
PORD30	SP Distribution	0.98	89.2	77.7	0	PORD2Q / PORD2R
RAVE30	SP Distribution	1	24.4	9	0	RAVE2Q / RAVE2R
REDH30	SP Distribution	0.98	48	43.6	0	REDH10
SACO3A	SP Distribution	0.93	45	37.2	12	SACO1Q / SACO1R
SACO3B	SP Distribution	0.92	38	32.8	0	SACO1Q / SACO1R
SANX30	SP Distribution	0.97	59.2	54.6	0	SANX1Q / SANX1R
SHRU30	SP Distribution	0.98	76.7	43	0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	0.99	111	105	0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	0.98	45.7	39.3	0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.98	60.3	48.5	0	STHA20
STIR30	SP Distribution	0.97	82.2	70	0	STIR1S / STIR1T
STLE30	SP Distribution	0.98	68.2	64.6	0	STLE10
TELR30	SP Distribution	0.99	40.3	38	0	TELR1Q / TELR1R
TONG50	SP Distribution	0.93	29.4	24.3	0	TONG10
WFIE30	SP Distribution	0.93	41.5	28.1	8	WFIE10
WGEO30	SP Distribution	0.96	102.4	82.5	0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	0.98	71.2	61.6	0	WHHO2Q / WHHO2R
WISH10	SP Distribution	0.98	101	80.3	0	WISH20
COCK30	SP Generation	0.86	13	13	0	COCK20
BIRK10	SP MANWEB	0.99	296	296	30	BIRK20
CAPE10	SP MANWEB	0.96	263	257	71	CAPE20
CARR10	SP MANWEB	0.94	115	115	146	
CASK10	SP MANWEB	0.92	420	211	657	FROD40
CELL10	SP MANWEB	0.95	185	185	2	CELL40_SPM
CONQ10	SP MANWEB	0.93	274	285	65	DEES40
FIDF13	SP MANWEB	0.94	289	266	24	FIDF20
FROD10	SP MANWEB	0.96	85	85	22	FROD20
IMPP30	SP MANWEB	1	90	90	0	IMPP40
INCE10	SP MANWEB	0.97	77	77	44	FROD20
KIBY10	SP MANWEB	0.98	390	390	16	KIBY20
LEGA10	SP MANWEB	0.93	341	337	45	LEGA40
LISD10	SP MANWEB	1	346	346	7	LISD20
PENT10	SP MANWEB	0.99	179	179	12	PENT40
RAIN10	SP MANWEB	0.99	462	462	22	RAIN20
SHOT10	SP MANWEB	0.99	82	82	252	DEES40
SWAN11	SP MANWEB	0.91	24.4	17	16	SWAN20_SPM
SWAN12	SP MANWEB	0.91	28.6	20	18	SWAN20_SPM
TRAW10	SP MANWEB	1	86	74	39	TRAW20
WYLF10	SP MANWEB	0.98	61	66	4	WYLF40

FERR11	SSE Generation Ltd	0.85	23	4	0	Station Load
FERR12	SSE Generation Ltd	0.85	23	4	0	Station Load
ABTH11	SWALEC (Infracore)	0.98	108.5	105.4	1	ABTH20
ABTH12	SWALEC (Infracore)	0.98	108.5	105.4	1	ABTH20
ALST30	SWALEC (Infracore)	0.8	1.1	1.1	0	
CARE10	SWALEC (Infracore)	0.98	196.4	190.8	1	CARE20
GRAN60	SWALEC (Infracore)	0.67	120.4	4.8	5	MAGA20
PEMB10	SWALEC (Infracore)	0.95	205.4	205.5	0	PEMB40
PYLE10	SWALEC (Infracore)	0.96	163.3	124	14	PYLE20
RASS10	SWALEC (Infracore)	0.97	239.1	239.1	5	RASS40
SWAN11	SWALEC (Infracore)	0.99	251.3	243.9	14	SWAN20_SWA
SWAN12	SWALEC (Infracore)	0.99	295.1	286.3	16	SWAN20_SWA
UPPB10	SWALEC (Infracore)	0.97	179.3	162.7	2	UPPB20
UPPB30	SWALEC (Infracore)	0.97	109.2	91.3	1	UPPB20
USKM10	SWALEC (Infracore)	0.92	283	269	6	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	0.95	22	22	0	MEAD10
ABHA11	WPD(formerly SWEB)	1	107	102.1	0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1	154	146.9	0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	-1	222	212	0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	0.97	113.7	109	0	AXMI40_SWEB
BRWA10	WPD(formerly SWEB)	0.96	245	234	0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1	332	317	0	EXET40
INDQ10	WPD(formerly SWEB)	1	464	444	0	INDQ40
IROA11	WPD(formerly SWEB)	0.98	215.5	204.9	0	IROA20_SWEB
IROA12	WPD(formerly SWEB)	0.98	267.8	256.1	0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1	277	264	0	LAND40
MELK10	WPD(formerly SWEB)	0.98	101	96	0	MELK40_SWEB
SEAB11	WPD(formerly SWEB)	0.96	316	302	0	SEAB40
TAUN10	WPD(formerly SWEB)	0.99	132	126	0	TAUN4B
BRAW11	Yorkshire Electricity	1	238	237	0	BRAW20
BRAW12	Yorkshire Electricity	1	272	272	3	BRAW20
CAML60	Yorkshire Electricity	0.96	26	25	0	DRAX40
CREB11	Yorkshire Electricity	0.94	228	229	4	CREB40
CREB12	Yorkshire Electricity	0.97	276	276	25	CREB40
DRAX11	Yorkshire Electricity	0.85	26.6	22	0	DRAX40
DRAX12	Yorkshire Electricity	0.85	26.6	22	0	DRAX40
ELLA11	Yorkshire Electricity	0.94	197	175	50	ELLA20
ELLA12	Yorkshire Electricity	0.94	195	172	5	ELLA20

FERR11	Yorkshire Electricity	0.94	157	153	59	FERR20_YED / FERR2A_YED / FERR2B_YED
FERR12	Yorkshire Electricity	0.94	166	162	0	FERR20_YED
FERR60	Yorkshire Electricity	0.97	99	98	3	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.95	168	150	36	GRIW40
JORD30	Yorkshire Electricity	0.98	75	73	0	JORD20
KEAD10	Yorkshire Electricity	0.71	424	337	28	KEAD40
KIRK10	Yorkshire Electricity	0.95	319	313	4	KIRK20
NEEP30	Yorkshire Electricity	0.95	92	92	0	NEEP20
NORL30	Yorkshire Electricity	0.99	74	73	0	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.93	66	56	0	PITS20
PITS32	Yorkshire Electricity	0.81	45	6	0	PITS20
SAEN10	Yorkshire Electricity	0.99	134	114	3	SAEN20
SHEC30	Yorkshire Electricity	0.96	101	93	0	SHEC20
SKLG10	Yorkshire Electricity	0.96	670	662	19	SKLG20
THOM60	Yorkshire Electricity	0.95	152.7	148.6	5	THOM20
THUR60	Yorkshire Electricity	0.96	188	188	1	THUR20
WIBA30	Yorkshire Electricity	0.88	39	34	1	WIBA20
WMEL11	Yorkshire Electricity	0.95	152.7	148.6	10	WMEL20
WMEL12	Yorkshire Electricity	0.95	152.7	148.6	1	WMEL20
WMEL13	Yorkshire Electricity	1	376	376	4.1	WMEL20

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Table E.2.1 - GSP Summer Minimum Demand (MW), Generation (MW) and Power Factor, 2009/10

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
LYNE70	Alcan	1	325	0
WYLF10	Anglesey Aluminium	0.98	288	0
TEMP30	BOC	0.98	25.5	0
DUNG20	British Energy	0.79	14	0
EGGB41	British Energy	0.78	15	0
HEYS10	British Energy	0.8	61	0
HINP21	British Energy	0.76	12	0
HINP22	British Energy	0.76	12	0
SIZE40	British Energy	0.89	4	0
TREM30	Celsa	0.85	95	0
BESW10	Central Networks East (EMEB)	0.97	134	1.5
BICF10	Central Networks East (EMEB)	0.96	0	58.7
CHTE10	Central Networks East (EMEB)	0.92	184.2	9
COVE10	Central Networks East (EMEB)	0.96	216.7	7.8
DRAK10	Central Networks East (EMEB)	0.96	34.4	2.4
ECLA10	Central Networks East (EMEB)	0.9	158.1	2.9
ENDE10	Central Networks East (EMEB)	0.98	188.4	4.7
GREN10	Central Networks East (EMEB)	0.88	235.2	21.8
HAMH12	Central Networks East (EMEB)	0.96	0	0
LEAM10	Central Networks East (EMEB)	0.96	41.9	1
RATS10	Central Networks East (EMEB)	0.96	230.3	0.7
SBAR40	Central Networks East (EMEB)	0.96	0	0
STYC10	Central Networks East (EMEB)	0.97	62.6	3.3
WALP10	Central Networks East (EMEB)	0.91	12.4	1.8
WBUR10	Central Networks East (EMEB)	0.93	75.6	1.3
WILL10	Central Networks East (EMEB)	0.96	243.3	1.3
BISW10	Central Networks West (Aquila)	0.96	166.8	0
BUSH10	Central Networks West (Aquila)	0.97	65.4	4.2
BUST10	Central Networks West (Aquila)	0.96	130.9	0
CELL10	Central Networks West (Aquila)	0.81	187.8	33.8

ECLA10	Central Networks West (Aquila)	0.96	26.6	0
FECK60	Central Networks West (Aquila)	0.96	126.8	2
GLOU10	Central Networks West (Aquila)	0.96	221	1
HAMH11	Central Networks West (Aquila)	0.96	0	0
HAMH12	Central Networks West (Aquila)	0.96	0	0
IROA11	Central Networks West (Aquila)	0.96	37	1
IRSH40	Central Networks West (Aquila)	0.96	126.6	0
KITW10	Central Networks West (Aquila)	0.96	144.1	0
LEAM10	Central Networks West (Aquila)	0.96	170	3
NECH10	Central Networks West (Aquila)	0.78	129.5	23.5
OCKH10	Central Networks West (Aquila)	0.96	40.6	0
OLDB10	Central Networks West (Aquila)	0.96	31.6	1
PENN10	Central Networks West (Aquila)	0.96	92.7	4.2
RUGE10	Central Networks West (Aquila)	0.96	68	4
WIEN10	Central Networks West (Aquila)	0.96	43.5	0
GREN10	Corby Power Ltd	1	0	0
ALDW31	CORUS	0.74	8	0
ALDW32	CORUS	1	0	0
GRT060	CORUS	0.8	8	0
RAVE30	CORUS	0.8	1	0
STSB60	CORUS	0.95	0	0
TEMP30	CORUS	0.74	1	0
TINP32	CORUS	0.7	2	0
TODP60	CORUS	0.8	-13	88
WHSO31	CORUS	0.91	29.9	0
WHSO32	CORUS	0.91	29.9	0
WILL10	Derwent	1	0	0
DRAX11	Drax Power Limited	0.9	8	0
DRAX12	Drax Power Limited	0.9	36	0
COTT40	E.ON (UK) plc (Powergen)	0.34	10	0
DEES4	E.ON (UK) plc (Powergen)	1	0	0
GRAI40	E.ON (UK) plc (Powergen)	0.81	18	0
IRON10	E.ON (UK) plc (Powergen)	0.83	3	0
KINO10	E.ON (UK) plc (Powergen)	0.8	10	0
RATS10	E.ON (UK) plc (Powergen)	0.77	14.9	0
AMEM10	Eastern Power Networks	0.91	28.2	0
BARK10	Eastern Power Networks	0.95	36.4	0
BARW30	Eastern Power Networks	0.94	27.4	0
BRFO10	Eastern Power Networks	0.95	274.6	95
BRIM10	Eastern Power Networks	0.95	88.9	0

BARRA10	Eastern Power Networks	0.89	236.9	0
BURW10	Eastern Power Networks	0.93	109.5	0
EASO10	Eastern Power Networks	0.96	46.5	20.4
ELRH10	Eastern Power Networks	0.89	165.6	0
ELST10	Eastern Power Networks	0.96	37.3	0
ELWS10	Eastern Power Networks	0.94	112.2	0
GREN10	Eastern Power Networks	0.96	29.6	0.2
MILH10	Eastern Power Networks	0.96	59.1	0
NORW10	Eastern Power Networks	0.91	202.9	20
PEWY10	Eastern Power Networks	0.96	173	0
SUND10	Eastern Power Networks	0.96	148	5
TILB11	Eastern Power Networks	0.95	15.5	4
TILB12	Eastern Power Networks	0.95	17.4	3
TILB13	Eastern Power Networks	0.95	17.4	3
TILB14	Eastern Power Networks	0.95	15.5	4
TOTT10	Eastern Power Networks	0.96	85.4	27.6
WALP10	Eastern Power Networks	0.96	172.3	41.3
WARL10	Eastern Power Networks	0.95	83.2	10
WATS12	Eastern Power Networks	0.95	61.6	0
WISD10	Eastern Power Networks	0.95	16.9	0
WTHU60	Eastern Power Networks	0.95	16.8	0
BARK10	EDF (Formerly LPN)	0.96	84	0
BARW30	EDF (Formerly LPN)	0.94	105.6	0
BEDD10	EDF (Formerly LPN)	0.96	62.7	0
BRIM10	EDF (Formerly LPN)	0.96	55.5	0
CITR10	EDF (Formerly LPN)	0.96	535	0.9
HACK10	EDF (Formerly LPN)	0.96	0	0
HACK60	EDF (Formerly LPN)	0.96	70.5	0
HURS10	EDF (Formerly LPN)	0.96	112.6	0
LITT10	EDF (Formerly LPN)	0.96	81.4	5.3
LODR60	EDF (Formerly LPN)	0.96	202.9	0
MILH10	EDF (Formerly LPN)	0.92	11.6	0
NEWX10	EDF (Formerly LPN)	0.96	53.5	0
NEWX60	EDF (Formerly LPN)	0.96	247	0
REBR30	EDF (Formerly LPN)	0.94	43.6	0
SJOW10	EDF (Formerly LPN)	0.96	374.8	4
WHAM10	EDF (Formerly LPN)	0.96	347.6	4
WIGP10	EDF (Formerly LPN)	0.96	244.2	0
WIMB14	EDF (Formerly LPN)	0.96	60.9	0
WISD10	EDF (Formerly LPN)	0.96	101.9	0

WISD60	EDF (Formerly LPN)	0.96	49.9	0
WBUR10	EdF Energy	0.72	6	0
SFEM50	Exxon Mobil	1	20.6	0
SEFI10	Fellside Heat and Power	0.94	43	0
DINO40	First Hydro	0.95	1375	0
FFES21	First Hydro	0.95	112.5	0
FFES22	First Hydro	0.95	112.5	0
BAGB20	GE Energy	0.95	20	250
HUMR40	Immingham CHP	1	0	0
GRMO30	Ineos (Innovene) Grangemouth	0.98	38.4	0
RUGE10	International Power	0.85	4	0
CULJ31	J E T	0.95	0.1	0
CULJ32	J E T	0.95	0.1	0
CULJ33	J E T	0.95	0.1	0
HARE30	MOD	0.8	10.2	0
GRAI40	National Grid	0.88	4.1	0
SFEG10	National Grid	0.97	10	0
BARK10	Network Rail	0.85	0	0
BARK40	Network Rail	0.95	1	0
BERW10	Network Rail	1	0	0
CATY1A	Network Rail	1	0	0
CATY1B	Network Rail	1	0	0
DEVM10	Network Rail	1	0	0
ECCF1A	Network Rail	1	0	0
ECCF1B	Network Rail	1	0	0
ELST4A	Network Rail	1	0.6	0
ELST4B	Network Rail	1	0.6	0
ELVA20	Network Rail	1	0	0
HARK40	Network Rail	1	0	0
INWI1A	Network Rail	1	0	0
INWI1B	Network Rail	1	0	0
LEIB4A	Network Rail	1	0	0
LEIB4B	Network Rail	1	0	0
PAFB4A	Network Rail	1	0	0
PAFB4B	Network Rail	1	0	0
POOB2A	Network Rail	1	0.5	0
POOB2B	Network Rail	1	0.5	0
POPP20	Network Rail	1	0	0
RUGE40	Network Rail	1	0	0
SACO1A	Network Rail	1	0	0

SACO1B	Network Rail	1	0	0
SANX1A	Network Rail	1	1	0
SANX1B	Network Rail	1	1	0
SELL30	Network Rail	0.99	1	0
SING40	Network Rail	0.99	1	0
STLE10	Network Rail	1	1	0
WALP11	Network Rail	1	1	0
WISH20	Network Rail	1	0	0
ALCA1A	Northern Electric	0.86	107	0
ALCA1B	Northern Electric	0.86	107	0
BLYT60	Northern Electric	0.99	53	6.2
FERR11	Northern Electric	0.97	30.4	1
FERR12	Northern Electric	0.97	30.4	1
FOUR70	Northern Electric	1	6	0
HARM60	Northern Electric	0.97	26	5
HAWP60	Northern Electric	0.97	31	3.5
KNAR10	Northern Electric	0.97	0	0
LACK60	Northern Electric	0.99	139	0
NORT11	Northern Electric	0.97	83.5	10.6
NORT12	Northern Electric	0.97	83.5	10.6
OFFE30	Northern Electric	0.97	24	0
OSBA10	Northern Electric	0.98	103	1.5
POPP30	Northern Electric	0.98	14	3.7
SALH10	Northern Electric	0.97	21	46.1
SPEN10	Northern Electric	0.89	71	8
SSHI30	Northern Electric	0.98	15	0
STEN11	Northern Electric	0.96	39.9	1.9
STEN12	Northern Electric	0.96	39.9	1.9
STES10	Northern Electric	0.94	93	5.3
TYNE10	Northern Electric	0.97	78	2
WBOL60	Northern Electric	1	84	0
BRED10	NORWEB (UU)	0.99	118.2	0
CARR10	NORWEB (UU)	0.94	104.8	20
HARK11	NORWEB (UU)	0.88	57.3	224.5
HARK12	NORWEB (UU)	0.88	63.4	134.4
HEYS10	NORWEB (UU)	0.99	35.6	315.7
HUTT10	NORWEB (UU)	0.97	88.4	34.1
KEAR11	NORWEB (UU)	0.96	110	0
KEAR12	NORWEB (UU)	0.96	84.8	0
KEAR30	NORWEB (UU)	0.98	30.6	8

MACC30	NORWEB (UU)	0.95	23.5	9
PADI10	NORWEB (UU)	0.93	61.2	0
PENE11	NORWEB (UU)	0.98	54.7	0
PENE12	NORWEB (UU)	0.98	31.8	0
PENW11	NORWEB (UU)	0.96	22.9	6.1
PENW12	NORWEB (UU)	0.96	22.9	0
RAIN10	NORWEB (UU)	0.97	25.6	0
ROCH11	NORWEB (UU)	0.85	77.9	9.3
ROCH12	NORWEB (UU)	0.85	39.4	60
SMAN10	NORWEB (UU)	0.96	137.6	19
STAH10	NORWEB (UU)	0.96	104.3	12.1
STAL10	NORWEB (UU)	0.97	142.6	0
WASF1A	NORWEB (UU)	0.98	27.4	4
WASF1B	NORWEB (UU)	0.98	27.4	4
WHGA10	NORWEB (UU)	1	105.7	3.6
CHAP10	Nuclear Decommisssioning Authority	0.89	0.8	0
DUNG20	Nuclear Decommisssioning Authority	0.89	4	0
HINP20	Nuclear Decommisssioning Authority	0.89	1	0
OLDS11	Nuclear Decommisssioning Authority	0.85	5	0
SIZE10	Nuclear Decommisssioning Authority	0.89	4	0
TRAW20	Nuclear Decommisssioning Authority	0.89	0.5	0
WYLF10	Nuclear Decommisssioning Authority	0.9	75	0
ABTH11	RWE Npower plc (Innogy)	0.81	44	0
ABTH12	RWE Npower plc (Innogy)	0.81	44	0
BLYT60	RWE Npower plc (Innogy)	0.85	0	0
DRAY10	RWE Npower plc (Innogy)	0.85	10	0
FAWL40	RWE Npower plc (Innogy)	0.65	2	0
LITT10	RWE Npower plc (Innogy)	0.88	3	0
TILB11	RWE Npower plc (Innogy)	0.85	2	0
SAES20	Saltend	0.96	100	0
BEDD10	SEEBOARD Power Networks	0.96	183.2	0
BOLN11	SEEBOARD Power Networks	0.93	173	0
BOLN12	SEEBOARD Power Networks	0.93	149	0
CHSI10	SEEBOARD Power Networks	0.93	78	0
CHSI1A	SEEBOARD Power Networks	0.93	25	0

CHSI1B	SEEBOARD Power Networks	0.93	25	0
CSEK40	SEEBOARD Power Networks	0.93	351	0
KEMS13	SEEBOARD Power Networks	0.93	5	0
KINO10	SEEBOARD Power Networks	0.93	67	35
LALE10	SEEBOARD Power Networks	0.93	28	0
LITT10	SEEBOARD Power Networks	0.96	6	0
NFLE10	SEEBOARD Power Networks	0.96	144.4	38.5
NINF10	SEEBOARD Power Networks	0.96	123.2	0
WWEY10	SEEBOARD Power Networks	0.96	132.8	0
GRST60	Sembcorp (Formerly ICI)	0.75	50	105
MOSM50	SHELL	1	13	0
ABNE30	SHEPD	-1	13	1.2
ALNE30	SHEPD	-1	9.4	0
ARBR30	SHEPD	1	12	0
ARMO30	SHEPD	-0.92	11.5	0
BEAU30	SHEPD	-1	18.8	0.6
BOAG30	SHEPD	0.99	13.2	0.3
BRAC30	SHEPD	0.96	13.6	0.4
BRID30	SHEPD	0.99	11.5	0
BROA30	SHEPD	0.99	4	0.6
BROR30	SHEPD	0.99	3.2	0
BUMU30	SHEPD	0.99	16.6	0.1
CAAD30	SHEPD	-1	7.7	0
CASS50	SHEPD	-1	0.7	0
CEAN50	SHEPD	-1	0.9	0.4
CHAR30	SHEPD	0.98	11.8	0
CLAC30	SHEPD	0.88	0.9	0.4
CLAY30	SHEPD	0.99	16	0
COUA30	SHEPD	0.94	9.9	0
CRAI30	SHEPD	0.99	10.2	0
DOUN50	SHEPD	0.99	4.8	0
DUBE30	SHEPD	-0.99	-3.3	0
DUDH30	SHEPD	0.95	12.3	0
DUGR30	SHEPD	0.96	2.3	0.8
DUNO30	SHEPD	-0.99	2.9	2.4
DYCE30	SHEPD	0.98	13.5	0
ELGI30	SHEPD	0.98	19.4	0
FASN30	SHEPD	0.47	0.3	0
FAUG30	SHEPD	0.92	0.3	0.3
FIDD30	SHEPD	0.97	6.6	0

FRAS30	SHEPD	0.96	7.9	0
FWIL30	SHEPD	0.99	39.7	0.8
GLAG30	SHEPD	0.97	7.2	0.9
GRUB30	SHEPD	0.93	3.2	1.3
INNE30	SHEPD	0.99	23	2.9
KEIT30	SHEPD	0.72	12.5	0
KEMD30	SHEPD	1	33.5	0
KIIN30	SHEPD	1	-0.7	0
KILO30	SHEPD	0.27	0.9	0
KINT30	SHEPD	0.91	13.1	0
LAIR50	SHEPD	0.96	0.7	0
LUNA30	SHEPD	0.95	12.5	0.7
LYND30	SHEPD	1	11.4	0
MACD30	SHEPD	0.25	1.6	0
MILC30	SHEPD	-1	17	3.1
MYBS30	SHEPD	1	-5.9	0
NAIR30	SHEPD	0.96	12.5	0
PEHG30	SHEPD	0.98	8.6	0
PEHS50	SHEPD	1	5.1	0
PERS30	SHEPD	-1	13.1	1.2
PORA30	SHEPD	-1	5.7	0.5
RANN30	SHEPD	0.99	0.5	0
REDM30	SHEPD	0.99	12	0
SFEG50	SHEPD	0.97	7.1	0
SFIL30	SHEPD	0.94	0.6	0
SHIN50	SHEPD	0.98	0.7	0
SLOY11	SHEPD	0.96	1.1	0
STLE30	SHEPD	0.96	6.6	1.5
STRI30	SHEPD	0.97	3.4	0
TARL30	SHEPD	0.99	5.5	0
TAYN30	SHEPD	0.98	7	3.3
THSO30	SHEPD	-0.98	13.4	1.6
TUMB30	SHEPD	0.9	3.9	0.7
WIOW30	SHEPD	0.99	14.3	0
WOHI30	SHEPD	0.98	14.2	0
AMEM10	Southern Electric	0.99	34	0
AXMI10	Southern Electric	0.95	36.5	2.3
BOTW10	Southern Electric	0.97	56.9	2.4
BRFL40	Southern Electric	0.94	536.3	15.4
BRLE13	Southern Electric	0.93	44.1	0

BRLE14	Southern Electric	0.93	44.1	0
CHIC10	Southern Electric	0.98	35.8	2.9
COWL10	Southern Electric	0.96	252.1	1.7
EALI60	Southern Electric	0.92	91.9	1.8
FAWL10	Southern Electric	0.85	202.5	109
IVER10	Southern Electric	0.98	161.7	15.9
IVER60	Southern Electric	0.93	47.4	2
LALE10	Southern Electric	0.9	103.9	15.9
LOVE10	Southern Electric	0.96	286.6	12.9
MANN10	Southern Electric	0.98	255.2	5.7
MELK10	Southern Electric	0.95	141.3	6.9
MITY10	Southern Electric	0.97	136.2	4.7
NHYD60	Southern Electric	0.94	83.8	0
NURS10	Southern Electric	0.97	171	2.6
TYNE50	Southern Electric	0.97	11.9	0
WISD60	Southern Electric	0.96	53.9	0
AYR20	SP Distribution	1	18	0
BAGA10	SP Distribution	0.98	23.8	0
BAIN10	SP Distribution	1	13.6	0
BERW10	SP Distribution	0.87	14	0
BONN20	SP Distribution	0.99	21.3	0
BRAE1	SP Distribution	0.96	12.7	0
BROX10	SP Distribution	1	20.3	0
CAFA10	SP Distribution	-0.99	-6.7	6.4
CATY10	SP Distribution	0.99	21.6	0
CHAP10	SP Distribution	0.77	18.1	0
CHAS20	SP Distribution	0.99	34.2	0
CLYM10	SP Distribution	0.99	22.7	2.8
COAT30	SP Distribution	0.99	15.1	0
COCK30	SP Distribution	0.99	16.1	0
COYL10	SP Distribution	0.08	0.7	17.4
CROO31	SP Distribution	0.92	12.5	0
CROO32	SP Distribution	0.89	7.6	0
CUMB10	SP Distribution	0.98	14.4	9.4
CUPA10	SP Distribution	0.95	26.3	0
CURR20	SP Distribution	0.95	4.1	0
DEVM10	SP Distribution	0.97	18.7	0
DEVO10	SP Distribution	0.99	26.8	0
DEWP30	SP Distribution	0.97	38.8	0
DRCR30	SP Distribution	0.89	4.7	0

DRUM30	SP Distribution	1	25.1	0
DUMF31	SP Distribution	1	16	0
DUMF32	SP Distribution	0.85	10.6	0
DUMF50	SP Distribution	0.95	5.5	0
DUNB30	SP Distribution	0.88	21.2	0
DUNF30	SP Distribution	0.99	13.2	0
EAST50	SP Distribution	-0.99	-7	7
ECCL30	SP Distribution	1	10.3	0
EERH30	SP Distribution	1	25.2	0
EKIL30	SP Distribution	1	22.7	0
EKIS30	SP Distribution	0.96	19.4	3.1
ELDE10	SP Distribution	1	11	0
ERSK30	SP Distribution	0.99	9.7	0
GALA30	SP Distribution	0.73	5.1	8.9
GIFF30	SP Distribution	1	19	0
GLLE50	SP Distribution	0.95	0.6	0
GLLU30	SP Distribution	0.62	4.3	6.9
GLNI30	SP Distribution	0.98	8	0
GLRO30	SP Distribution	0.95	19.3	0
GORG30	SP Distribution	0.98	13.4	0
GOVA30	SP Distribution	0.97	13.9	0
GRMO3	SP Distribution	0.96	13.5	3.4
GRMO30	SP Distribution	0.97	17.6	0
HAGR3	SP Distribution	0.98	11.5	0
HAWI30	SP Distribution	0.97	7.9	0
HELE30	SP Distribution	0.99	6.6	0
HUNF30	SP Distribution	0.84	1.9	0
INKE30	SP Distribution	0.97	20.4	0
JOHN30	SP Distribution	0.98	14.1	0
KAIM30	SP Distribution	0.95	18.9	11.3
KEOO50	SP Distribution	1	0.1	0
KIER30	SP Distribution	0.95	26.3	1.7
KILB30	SP Distribution	0.98	10.5	0
KILB50	SP Distribution	0.74	3	0
KILS30	SP Distribution	0.97	8.9	1.7
KILT30	SP Distribution	0.95	43.6	0
KILW30	SP Distribution	0.03	0.1	14.7
LEVE30	SP Distribution	0.87	14.4	0
LING30	SP Distribution	0.98	25.4	0
LINM30	SP Distribution	0.71	10.4	9.8

MAYB30	SP Distribution	1	4.8	2.5
NEAR30	SP Distribution	0.99	28.8	3.4
NETS30	SP Distribution	0.81	4.4	0
PAIS3	SP Distribution	0.99	20.3	0
PART30	SP Distribution	0.85	16.7	0
POOB30	SP Distribution	0.97	31.6	0
PORD30	SP Distribution	0.97	33.5	0
RAVE30	SP Distribution	1	20.9	0
REDH30	SP Distribution	0.95	15.1	0
SACO3A	SP Distribution	1	1.2	20.8
SACO3B	SP Distribution	0.97	2.6	0
SANX30	SP Distribution	0.95	14.8	0
SHRU30	SP Distribution	0.99	20.6	0
SIGH30	SP Distribution	0.79	42.4	0
SPAV30	SP Distribution	0.99	23.5	0
STHA30	SP Distribution	0.81	17.8	0
STIR30	SP Distribution	0.95	29.4	0
STLE30	SP Distribution	0.98	16.8	0
TELR30	SP Distribution	1	11.6	0
TONG50	SP Distribution	0.88	10.2	0
WFIE30	SP Distribution	0.91	6.1	9.3
WGEO30	SP Distribution	0.86	27.7	0
WHHO30	SP Distribution	0.97	21.3	0
WISH10	SP Distribution	1	23.3	0
COCK30	SP Generation	0.86	13	0
BIRK10	SP MANWEB	0.86	90	30
CAPE10	SP MANWEB	0.98	104	55
CARR10	SP MANWEB	0.99	34	114
CASK10	SP MANWEB	0.84	420	511
CELL10	SP MANWEB	1	50	2
CONQ10	SP MANWEB	1	154	64
FIDF13	SP MANWEB	0.98	55	19
FROD10	SP MANWEB	0.98	41	17
IMPP30	SP MANWEB	0.95	2	0
INCE10	SP MANWEB	0.95	69	34
KIBY10	SP MANWEB	0.98	119	12
LEGA10	SP MANWEB	0.95	146	40
LISD10	SP MANWEB	0.85	118	6
PENT10	SP MANWEB	1	50	12
RAIN10	SP MANWEB	0.96	155	18

SHOT10	SP MANWEB	0.82	70	196
SWAN11	SP MANWEB	0.87	7.8	6
SWAN12	SP MANWEB	0.87	9.2	7
TRAW10	SP MANWEB	0.94	28	14
WYLF10	SP MANWEB	0.96	26	25
FERR11	SSE Generation Ltd	1	4	0
FERR12	SSE Generation Ltd	1	4	0
ABTH11	SWALEC (Infralec)	0.96	50.1	1.1
ABTH12	SWALEC (Infralec)	0.96	50.1	1.1
ALST30	SWALEC (Infralec)	0.8	0.9	0
CARE10	SWALEC (Infralec)	0.96	89.8	1.9
GRAN60	SWALEC (Infralec)	0.87	57	5
PEMB10	SWALEC (Infralec)	1	131	0
PYLE10	SWALEC (Infralec)	1	96	4
RASS10	SWALEC (Infralec)	0.97	72	10
SWAN11	SWALEC (Infralec)	1	82.8	7.8
SWAN12	SWALEC (Infralec)	1	97.2	9.2
UPPB10	SWALEC (Infralec)	0.96	102	1
UPPB30	SWALEC (Infralec)	0.98	31	3
USKM10	SWALEC (Infralec)	0.99	137	1
MEAD10	UPM KYMMENE	1	0	0
ABHA11	WPD(formerly SWEB)	-0.99	41	0
ABHA12	WPD(formerly SWEB)	-0.99	42	0
ALVE10	WPD(formerly SWEB)	-0.78	69	0
AXMI10	WPD(formerly SWEB)	1	61	0
BRWA10	WPD(formerly SWEB)	0.99	91	0
EXET10	WPD(formerly SWEB)	-0.99	100	0
INDQ10	WPD(formerly SWEB)	-0.96	146	0
IROA11	WPD(formerly SWEB)	-0.81	71.1	0
IROA12	WPD(formerly SWEB)	-0.81	88.9	0
LAND10	WPD(formerly SWEB)	-0.91	86	0
MELK10	WPD(formerly SWEB)	-0.97	59	0
SEAB11	WPD(formerly SWEB)	-0.99	124	0
TAUN10	WPD(formerly SWEB)	0.99	42	0
BRAW11	Yorkshire Electricity	0.93	66	0
BRAW12	Yorkshire Electricity	0.94	75	8.6
CAML60	Yorkshire Electricity	0.98	11	0
CREB11	Yorkshire Electricity	0.94	74	2.5
CREB12	Yorkshire Electricity	0.93	86	5.4
DRAX11	Yorkshire Electricity	0.89	13.3	0

DRAX12	Yorkshire Electricity	0.89	13.3	0
ELLA11	Yorkshire Electricity	0.96	52	5.2
ELLA12	Yorkshire Electricity	0.95	52	4.6
FERR11	Yorkshire Electricity	0.95	53	7.3
FERR12	Yorkshire Electricity	0.95	59	0
FERR60	Yorkshire Electricity	0.94	21	10.3
GRIW10	Yorkshire Electricity	0.93	59	25
JORD30	Yorkshire Electricity	0.97	18	0
KEAD10	Yorkshire Electricity	0.89	219	23.6
KIRK10	Yorkshire Electricity	0.95	106	1.1
NEEP30	Yorkshire Electricity	0.96	31	0
NORL30	Yorkshire Electricity	0.99	19	0
PITS31	Yorkshire Electricity	0.91	20	0
PITS32	Yorkshire Electricity	0.8	3	0
SAEN10	Yorkshire Electricity	0.95	19	7.9
SHEC30	Yorkshire Electricity	0.94	40	0
SKLG10	Yorkshire Electricity	0.88	228	2.7
THOM60	Yorkshire Electricity	0.88	45.3	5.8
THUR60	Yorkshire Electricity	0.96	59	0.9
WIBA30	Yorkshire Electricity	0.87	9	0.3
WMEL11	Yorkshire Electricity	0.88	90.7	11.6
WMEL12	Yorkshire Electricity	0.88	146	5.6
WMEL13	Yorkshire Electricity	1	138	5

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Table E.2.2 - GSP Summer Minimum Demand (MW), Generation (MW) and Power Factor, 2010/11

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
LYNE70	Alcan	1	325	0
WYLF10	Anglesey Aluminium	0.98	288	0
TEMP30	BOC	0.98	25.5	0
DUNG20	British Energy	0.79	14	0
EGGB41	British Energy	0.78	15	0
HEYS10	British Energy	0.8	61	0
HINP21	British Energy	0.76	12	0
HINP22	British Energy	0.76	12	0
SIZE40	British Energy	0.89	4	0
TREM30	Celsa	0.85	95	0
BESW10	Central Networks East (EMEB)	0.97	135	1.5
BICF10	Central Networks East (EMEB)	0.96	0.4	58.7
CHTE10	Central Networks East (EMEB)	0.92	187.6	9
COVE10	Central Networks East (EMEB)	0.96	216.1	7.8
DRAK10	Central Networks East (EMEB)	0.96	34.6	2.4
ECLA10	Central Networks East (EMEB)	0.9	163.7	2.9
ENDE10	Central Networks East (EMEB)	0.98	189.8	4.7
GREN10	Central Networks East (EMEB)	0.88	237.9	21.8
HAMH12	Central Networks East (EMEB)	0.96	0	0
LEAM10	Central Networks East (EMEB)	0.96	42.5	1
RATS10	Central Networks East (EMEB)	0.96	210.3	0.7
SBAR40	Central Networks East (EMEB)	0.96	21.8	0
STYC10	Central Networks East (EMEB)	0.97	63.1	3.3
WALP10	Central Networks East (EMEB)	0.91	113.2	1.8
WBUR10	Central Networks East (EMEB)	0.93	76.2	1.3
WILL10	Central Networks East (EMEB)	0.96	245.1	1.3
BISW10	Central Networks West (Aquila)	0.96	168.1	0
BUSH10	Central Networks West (Aquila)	0.97	65.9	4.2
BUST10	Central Networks West (Aquila)	0.96	131.9	0
CELL10	Central Networks West (Aquila)	0.81	189.2	33.8

ECLA10	Central Networks West (Aquila)	0.96	26.8	0
FECK60	Central Networks West (Aquila)	0.96	127.6	2
GLOU10	Central Networks West (Aquila)	0.96	222.6	1
HAMH11	Central Networks West (Aquila)	0.96	0	0
HAMH12	Central Networks West (Aquila)	0.96	0	0
IROA11	Central Networks West (Aquila)	0.96	37.3	1
IRSH40	Central Networks West (Aquila)	0.96	127.5	0
KITW10	Central Networks West (Aquila)	0.96	145.2	0
LEAM10	Central Networks West (Aquila)	0.96	169.9	3
NECH10	Central Networks West (Aquila)	0.78	156.4	23.5
OCKH10	Central Networks West (Aquila)	0.96	40.9	0
OLDB10	Central Networks West (Aquila)	0.96	31.9	1
PENN10	Central Networks West (Aquila)	0.96	93.4	4.2
RUGE10	Central Networks West (Aquila)	0.96	68.5	4
WIEN10	Central Networks West (Aquila)	0.96	43.8	0
GREN10	Corby Power Ltd	1	0	0
ALDW31	CORUS	0.74	8	0
ALDW32	CORUS	1	0	0
GRT060	CORUS	0.8	8	0
RAVE30	CORUS	0.8	1	0
STSB60	CORUS	0.95	0	0
TEMP30	CORUS	0.74	1	0
TINP32	CORUS	0.7	2	0
TODP60	CORUS	0.8	-13	88
WHSO31	CORUS	0.91	29.9	0
WHSO32	CORUS	0.91	29.9	0
WILL10	Derwent	1	0	0
DRAX11	Drax Power Limited	0.9	8	0
DRAX12	Drax Power Limited	0.9	36	0
COTT40	E.ON (UK) plc (Powergen)	0.34	10	0
DEES4	E.ON (UK) plc (Powergen)	1	0	0
GRAI40	E.ON (UK) plc (Powergen)	0.81	18	0
IRON10	E.ON (UK) plc (Powergen)	0.83	3	0
KINO10	E.ON (UK) plc (Powergen)	0.8	10	0
RATS10	E.ON (UK) plc (Powergen)	0.77	14.9	0
AMEM10	Eastern Power Networks	0.91	28.2	0
BARK10	Eastern Power Networks	0.95	36.6	0
BARW30	Eastern Power Networks	0.94	29	0
BRFO10	Eastern Power Networks	0.95	274.8	95
BRIM10	Eastern Power Networks	0.95	89.3	0

BARRA10	Eastern Power Networks	0.89	238.1	0
BURW10	Eastern Power Networks	0.93	109.5	0
EASO10	Eastern Power Networks	0.96	37	20.4
ELRH10	Eastern Power Networks	0.89	166.3	0
ELST10	Eastern Power Networks	0.96	40.4	0
ELWS10	Eastern Power Networks	0.94	112.6	0
GREN10	Eastern Power Networks	0.96	65.5	0.2
MILH10	Eastern Power Networks	0.96	68	0
NORW10	Eastern Power Networks	0.91	203.8	20
PEWY10	Eastern Power Networks	0.96	173.5	0
SUND10	Eastern Power Networks	0.96	135.8	5
TILB11	Eastern Power Networks	0.95	15.6	4
TILB12	Eastern Power Networks	0.95	17.4	3
TILB13	Eastern Power Networks	0.95	17.4	3
TILB14	Eastern Power Networks	0.95	15.6	4
TOTT10	Eastern Power Networks	0.96	86	27.6
WALP10	Eastern Power Networks	0.96	181.6	41.3
WARL10	Eastern Power Networks	0.95	83.4	10
WATS12	Eastern Power Networks	0.95	61.9	0
WISD10	Eastern Power Networks	0.95	16.9	0
WTHU60	Eastern Power Networks	0.95	16.8	0
BARK10	EDF (Formerly LPN)	0.96	84.7	0
BARW30	EDF (Formerly LPN)	0.94	116.3	0
BEDD10	EDF (Formerly LPN)	0.96	63.5	0
BRIM10	EDF (Formerly LPN)	0.96	56	0
CITR10	EDF (Formerly LPN)	0.96	627.7	0.9
HACK10	EDF (Formerly LPN)	0.96	81	0
HACK60	EDF (Formerly LPN)	0.96	71.2	0
HURS10	EDF (Formerly LPN)	0.96	121.7	0
LITT10	EDF (Formerly LPN)	0.96	76.8	5.3
LODR60	EDF (Formerly LPN)	0.96	200.9	0
MILH10	EDF (Formerly LPN)	0.92	11.6	0
NEWX10	EDF (Formerly LPN)	0.96	117.5	0
NEWX60	EDF (Formerly LPN)	0.96	157.6	0
REBR30	EDF (Formerly LPN)	0.94	43.9	0
SJOW10	EDF (Formerly LPN)	0.96	383.6	4
WHAM10	EDF (Formerly LPN)	0.96	268.6	4
WIGP10	EDF (Formerly LPN)	0.96	246.1	0
WIMB14	EDF (Formerly LPN)	0.96	61.4	0
WISD10	EDF (Formerly LPN)	0.96	102.8	0

WISD60	EDF (Formerly LPN)	0.96	50.4	0
WBUR10	EdF Energy	0.72	6	0
SFEM50	Exxon Mobil	1	20.6	0
SEFI10	Fellside Heat and Power	0.94	43	0
DINO40	First Hydro	0.95	1375	0
FFES21	First Hydro	0.95	112.5	0
FFES22	First Hydro	0.95	112.5	0
BAGB20	GE Energy	0.95	20	250
HUMR40	Immingham CHP	1	0	0
GRMO30	Ineos (Innovene) Grangemouth	0.98	38.4	0
RUGE10	International Power	0.85	4	0
CULJ31	J E T	0.95	0.1	0
CULJ32	J E T	0.95	0.1	0
CULJ33	J E T	0.95	0.1	0
HARE30	MOD	0.8	10.4	0
GRAI40	National Grid	0.88	5.2	0
SFEG10	National Grid	0.97	10	0
BARK10	Network Rail	0.85	0	0
BARK40	Network Rail	0.95	1	0
BERW10	Network Rail	1	0	0
CATY1A	Network Rail	1	0	0
CATY1B	Network Rail	1	0	0
DEVM10	Network Rail	1	0	0
ECCF1A	Network Rail	1	0	0
ECCF1B	Network Rail	1	0	0
ELST4A	Network Rail	1	0.6	0
ELST4B	Network Rail	1	0.6	0
ELVA20	Network Rail	1	0	0
HARK40	Network Rail	1	0	0
INWI1A	Network Rail	1	0	0
INWI1B	Network Rail	1	0	0
LEIB4A	Network Rail	1	0	0
LEIB4B	Network Rail	1	0	0
PAFB4A	Network Rail	1	0	0
PAFB4B	Network Rail	1	0	0
POOB2A	Network Rail	1	0.5	0
POOB2B	Network Rail	1	0.5	0
POPP20	Network Rail	1	0	0
RUGE40	Network Rail	1	0	0
SACO1A	Network Rail	1	0	0

SACO1B	Network Rail	1	0	0
SANX1A	Network Rail	1	1	0
SANX1B	Network Rail	1	1	0
SELL30	Network Rail	0.99	1	0
SING40	Network Rail	0.99	1	0
STLE10	Network Rail	1	1	0
WALP11	Network Rail	1	1	0
WISH20	Network Rail	1	0	0
ALCA1A	Northern Electric	0.86	107	0
ALCA1B	Northern Electric	0.86	107	0
BLYT60	Northern Electric	0.99	54	6.2
FERR11	Northern Electric	0.97	30.9	1
FERR12	Northern Electric	0.97	30.9	1
FOUR70	Northern Electric	1	6	0
HARM60	Northern Electric	0.97	26	5
HAWP60	Northern Electric	0.97	32	3.5
KNAR10	Northern Electric	0.97	0	0
LACK60	Northern Electric	0.99	140	0
NORT11	Northern Electric	0.97	84.5	10.6
NORT12	Northern Electric	0.97	84.5	10.6
OFFE30	Northern Electric	0.97	24	0
OSBA10	Northern Electric	0.98	105	1.5
POPP30	Northern Electric	0.98	14	3.7
SALH10	Northern Electric	0.97	21	46.1
SPEN10	Northern Electric	0.89	72	8
SSHI30	Northern Electric	0.98	15	0
STEN11	Northern Electric	0.96	40.6	1.9
STEN12	Northern Electric	0.96	40.6	1.9
STES10	Northern Electric	0.94	94	5.3
TYNE10	Northern Electric	0.97	80	2
WBOL60	Northern Electric	1	86	0
BRED10	NORWEB (UU)	0.99	119.3	0
CARR10	NORWEB (UU)	0.94	104.8	20
HARK11	NORWEB (UU)	0.88	57.9	224.5
HARK12	NORWEB (UU)	0.88	63.9	134.4
HEYS10	NORWEB (UU)	0.99	35.9	315.7
HUTT10	NORWEB (UU)	0.97	89.2	34.1
KEAR11	NORWEB (UU)	0.96	111	0
KEAR12	NORWEB (UU)	0.96	85.6	0
KEAR30	NORWEB (UU)	0.98	30.9	8

MACC30	NORWEB (UU)	0.95	23.7	9
PADI10	NORWEB (UU)	0.93	61.7	0
PENE11	NORWEB (UU)	0.98	55.2	0
PENE12	NORWEB (UU)	0.98	32.1	0
PENW11	NORWEB (UU)	0.96	23.1	6.1
PENW12	NORWEB (UU)	0.96	23.1	0
RAIN10	NORWEB (UU)	0.97	25.6	0
ROCH11	NORWEB (UU)	0.85	78.6	9.3
ROCH12	NORWEB (UU)	0.85	39.7	60
SMAN10	NORWEB (UU)	0.96	138.9	19
STAH10	NORWEB (UU)	0.96	105.2	12.1
STAL10	NORWEB (UU)	0.97	143.9	0
WASF1A	NORWEB (UU)	0.98	27.6	4
WASF1B	NORWEB (UU)	0.98	27.6	4
WHGA10	NORWEB (UU)	1	106.7	3.6
CHAP10	Nuclear Decommisssioning Authority	0.89	0	0
DUNG20	Nuclear Decommisssioning Authority	0.89	4	0
HINP20	Nuclear Decommisssioning Authority	0.89	1	0
OLDS11	Nuclear Decommisssioning Authority	0.85	5	0
SIZE10	Nuclear Decommisssioning Authority	0.89	4	0
TRAW20	Nuclear Decommisssioning Authority	0.89	0.5	0
WYLF10	Nuclear Decommisssioning Authority	0.9	75	0
ABTH11	RWE Npower plc (Innogy)	0.81	44	0
ABTH12	RWE Npower plc (Innogy)	0.81	44	0
BLYT60	RWE Npower plc (Innogy)	0.85	0	0
DRAY10	RWE Npower plc (Innogy)	0.85	10	0
FAWL40	RWE Npower plc (Innogy)	0.65	2	0
LITT10	RWE Npower plc (Innogy)	0.88	3	0
TILB11	RWE Npower plc (Innogy)	0.85	2	0
SAES20	Saltend	0.96	100	0
BEDD10	SEEBOARD Power Networks	0.96	191.2	0
BOLN11	SEEBOARD Power Networks	0.93	173	0
BOLN12	SEEBOARD Power Networks	0.93	150	0
CHSI10	SEEBOARD Power Networks	0.93	78	0
CHSI1A	SEEBOARD Power Networks	0.93	25	0

CHSI1B	SEEBOARD Power Networks	0.93	25	0
CSEK40	SEEBOARD Power Networks	0.93	352	0
KEMS13	SEEBOARD Power Networks	0.93	5	0
KINO10	SEEBOARD Power Networks	0.93	68	35
LALE10	SEEBOARD Power Networks	0.93	28	0
LITT10	SEEBOARD Power Networks	0.96	12	0
NFLE10	SEEBOARD Power Networks	0.96	12.4	38.5
NINF10	SEEBOARD Power Networks	0.96	124.7	0
WWEY10	SEEBOARD Power Networks	0.96	144.4	0
GRST60	Sembcorp (Formerly ICI)	0.75	50	105
MOSM50	SHELL	1	13	0
ABNE30	SHEPD	-1	13.2	1.2
ALNE30	SHEPD	-1	9.5	0
ARBR30	SHEPD	1	12.1	0
ARMO30	SHEPD	-0.92	11.5	0
BEAU30	SHEPD	-1	18.9	0.6
BOAG30	SHEPD	0.99	13.4	0.3
BRAC30	SHEPD	0.96	13.7	0.4
BRID30	SHEPD	0.99	11.6	0
BROA30	SHEPD	0.99	4.1	0.6
BROR30	SHEPD	0.99	3.3	0
BUMU30	SHEPD	0.99	16.8	0.1
CAAD30	SHEPD	-1	7.9	0
CASS50	SHEPD	-1	0.8	0
CEAN50	SHEPD	-1	1	0.4
CHAR30	SHEPD	0.98	12	0
CLAC30	SHEPD	0.88	0.9	0.4
CLAY30	SHEPD	0.99	16.2	0
COUA30	SHEPD	0.94	10	0
CRAI30	SHEPD	0.99	10.3	0
DOUN50	SHEPD	0.99	4.8	0
DUBE30	SHEPD	-0.99	3.4	0
DUDH30	SHEPD	0.95	12.5	0
DUGR30	SHEPD	0.96	2.4	0.8
DUNO30	SHEPD	-0.99	3	2.4
DYCE30	SHEPD	0.98	13.7	0
ELGI30	SHEPD	0.98	19.5	0
FASN30	SHEPD	0.47	0.3	0
FAUG30	SHEPD	0.92	0.3	0.3
FIDD30	SHEPD	0.97	6.8	0

FRAS30	SHEPD	0.96	8.2	0
FWIL30	SHEPD	0.99	40.4	0.8
GLAG30	SHEPD	0.97	7.4	0.9
GRUB30	SHEPD	0.93	3.3	1.3
INNE30	SHEPD	0.99	23.3	2.9
KEIT30	SHEPD	0.72	12.6	0
KEMD30	SHEPD	1	34	0
KIIN30	SHEPD	1	-0.7	0
KILO30	SHEPD	0.27	0.9	0
KINT30	SHEPD	0.91	13.2	0
LAIR50	SHEPD	0.96	0.7	0
LUNA30	SHEPD	0.95	12.6	0.7
LYND30	SHEPD	1	11.4	0
MACD30	SHEPD	0.25	1.6	0
MILC30	SHEPD	-1	17.2	3.1
MYBS30	SHEPD	1	-6	0
NAIR30	SHEPD	0.96	12.6	0
PEHG30	SHEPD	0.98	8.8	0
PEHS50	SHEPD	1	5.1	0
PERS30	SHEPD	-1	13.3	1.2
PORA30	SHEPD	-1	5.8	0.5
RANN30	SHEPD	0.99	0.5	0
REDM30	SHEPD	0.99	12.1	0
SFEG50	SHEPD	0.97	7.2	0
SFIL30	SHEPD	0.94	0.6	0
SHIN50	SHEPD	0.98	0.7	0
SLOY11	SHEPD	0.96	1.2	0
STLE30	SHEPD	0.96	6.6	1.5
STRI30	SHEPD	0.97	3.4	0
TARL30	SHEPD	0.99	5.6	0
TAYN30	SHEPD	0.98	7.1	3.3
THSO30	SHEPD	-0.98	13.6	1.6
TUMB30	SHEPD	0.9	3.9	0.7
WIOW30	SHEPD	0.99	14.4	0
WOHI30	SHEPD	0.98	14.4	0
AMEM10	Southern Electric	0.99	34.1	0
AXMI10	Southern Electric	0.95	36.7	2.3
BOTW10	Southern Electric	0.97	57.4	2.4
BRFL40	Southern Electric	0.94	540.5	15.4
BRLE13	Southern Electric	0.93	44.3	0

BRLE14	Southern Electric	0.93	44.3	0
CHIC10	Southern Electric	0.98	36.1	2.9
COWL10	Southern Electric	0.96	255.8	1.7
EALI60	Southern Electric	0.92	92.8	1.8
FAWL10	Southern Electric	0.85	203.8	109
IVER10	Southern Electric	0.98	162.5	15.9
IVER60	Southern Electric	0.93	47.9	2
LALE10	Southern Electric	0.9	104.6	15.9
LOVE10	Southern Electric	0.96	289	12.9
MANN10	Southern Electric	0.98	256.6	5.7
MELK10	Southern Electric	0.95	141.8	6.9
MITY10	Southern Electric	0.97	137.4	4.7
NHYD60	Southern Electric	0.94	84.3	0
NURS10	Southern Electric	0.97	172.5	2.6
TYNE50	Southern Electric	0.97	11.9	0
WISD60	Southern Electric	0.96	56.2	0
AYR20	SP Distribution	1	18.1	0
BAGA10	SP Distribution	0.98	23.9	0
BAIN10	SP Distribution	1	13.7	0
BERW10	SP Distribution	0.87	14.1	0
BONN20	SP Distribution	0.99	21.5	0
BRAE1	SP Distribution	0.96	12.8	0
BROX10	SP Distribution	1	20.4	0
CAFA10	SP Distribution	-0.99	-6.8	6.4
CATY10	SP Distribution	0.99	21.7	0
CHAP10	SP Distribution	0.77	18.2	0
CHAS20	SP Distribution	0.99	34.4	0
CLYM10	SP Distribution	0.99	22.9	2.8
COAT30	SP Distribution	0.99	15.2	0
COCK30	SP Distribution	0.99	16.1	0
COYL10	SP Distribution	0.08	0.7	17.4
CROO31	SP Distribution	0.92	12.6	0
CROO32	SP Distribution	0.89	7.7	0
CUMB10	SP Distribution	0.98	14.5	9.4
CUPA10	SP Distribution	0.95	26.5	0
CURR20	SP Distribution	0.95	4.1	0
DEVM10	SP Distribution	0.97	18.9	0
DEVO10	SP Distribution	0.99	26.9	0
DEWP30	SP Distribution	0.97	39.1	0
DRCR30	SP Distribution	0.89	4.8	0

DRUM30	SP Distribution	1	25.2	0
DUMF31	SP Distribution	1	16.1	0
DUMF32	SP Distribution	0.85	10.7	0
DUMF50	SP Distribution	0.95	5.6	0
DUNB30	SP Distribution	0.88	21.3	0
DUNF30	SP Distribution	0.99	13.3	0
EAST50	SP Distribution	-0.99	-7.1	7
ECCL30	SP Distribution	1	10.4	0
EERH30	SP Distribution	1	25.4	0
EKIL30	SP Distribution	1	22.9	0
EKIS30	SP Distribution	0.96	19.5	3.1
ELDE10	SP Distribution	1	11	0
ERSK30	SP Distribution	0.99	9.8	0
GALA30	SP Distribution	0.73	5.1	8.9
GIFF30	SP Distribution	1	19.1	0
GLLE50	SP Distribution	0.95	0.6	0
GLLU30	SP Distribution	0.62	4.3	6.9
GLNI30	SP Distribution	0.98	8.1	0
GLRO30	SP Distribution	0.95	19.4	0
GORG30	SP Distribution	0.98	13.5	0
GOVA30	SP Distribution	0.97	14	0
GRMO3	SP Distribution	0.96	13.6	3.4
GRMO30	SP Distribution	0.97	17.8	0
HAGR3	SP Distribution	0.98	11.6	0
HAWI30	SP Distribution	0.97	7.9	0
HELE30	SP Distribution	0.99	6.6	0
HUNF30	SP Distribution	0.84	1.9	0
INKE30	SP Distribution	0.97	20.6	0
JOHN30	SP Distribution	0.98	14.2	0
KAIM30	SP Distribution	0.95	19	11.3
KEOO50	SP Distribution	1	0.1	0
KIER30	SP Distribution	0.95	26.4	1.7
KILB30	SP Distribution	0.98	10.5	0
KILB50	SP Distribution	0.74	3	0
KILS30	SP Distribution	0.97	8.9	1.7
KILT30	SP Distribution	0.95	43.8	0
KILW30	SP Distribution	0.03	0.1	14.7
LEVE30	SP Distribution	0.87	14.5	0
LING30	SP Distribution	0.98	25.6	0
LINM30	SP Distribution	0.71	10.4	9.8

MAYB30	SP Distribution	1	4.8	2.5
NEAR30	SP Distribution	0.99	28.9	3.4
NETS30	SP Distribution	0.81	4.4	0
PAIS3	SP Distribution	0.99	20.5	0
PART30	SP Distribution	0.85	16.8	0
POOB30	SP Distribution	0.97	31.8	0
PORD30	SP Distribution	0.97	33.7	0
RAVE30	SP Distribution	1	21	0
REDH30	SP Distribution	0.95	15.2	0
SACO3A	SP Distribution	1	1.2	20.8
SACO3B	SP Distribution	0.97	2.6	0
SANX30	SP Distribution	0.95	14.9	0
SHRU30	SP Distribution	0.99	20.8	0
SIGH30	SP Distribution	0.79	42.7	0
SPAV30	SP Distribution	0.99	23.7	0
STHA30	SP Distribution	0.81	17.9	0
STIR30	SP Distribution	0.95	29.6	0
STLE30	SP Distribution	0.98	16.9	0
TELR30	SP Distribution	1	11.7	0
TONG50	SP Distribution	0.88	10.2	0
WFIE30	SP Distribution	0.91	6.1	9.3
WGEO30	SP Distribution	0.86	27.9	0
WHHO30	SP Distribution	0.97	21.3	0
WISH10	SP Distribution	1	23.5	0
COCK30	SP Generation	0.86	13	0
BIRK10	SP MANWEB	0.86	92	30
CAPE10	SP MANWEB	0.98	106	55
CARR10	SP MANWEB	0.99	35	114
CASK10	SP MANWEB	0.84	420	511
CELL10	SP MANWEB	1	50	2
CONQ10	SP MANWEB	1	157	64
FIDF13	SP MANWEB	0.98	55.5	19
FROD10	SP MANWEB	0.98	42	17
IMPP30	SP MANWEB	0.95	2	0
INCE10	SP MANWEB	0.95	70	34
KIBY10	SP MANWEB	0.98	120	12
LEGA10	SP MANWEB	0.95	148	40
LISD10	SP MANWEB	0.85	119	6
PENT10	SP MANWEB	1	51	12
RAIN10	SP MANWEB	0.96	156	18

SHOT10	SP MANWEB	0.82	70	196
SWAN11	SP MANWEB	0.87	8.1	6
SWAN12	SP MANWEB	0.87	9.5	7
TRAW10	SP MANWEB	0.94	29	14
WYLF10	SP MANWEB	0.96	26	25
FERR11	SSE Generation Ltd	1	4	0
FERR12	SSE Generation Ltd	1	4	0
ABTH11	SWALEC (Infralec)	0.96	50.6	1.1
ABTH12	SWALEC (Infralec)	0.96	50.6	1.1
ALST30	SWALEC (Infralec)	0.8	0.9	0
CARE10	SWALEC (Infralec)	0.96	90.7	1.9
GRAN60	SWALEC (Infralec)	0.87	57	5
PEMB10	SWALEC (Infralec)	1	134	0
PYLE10	SWALEC (Infralec)	1	96	4
RASS10	SWALEC (Infralec)	0.97	72	10
SWAN11	SWALEC (Infralec)	1	83.3	7.8
SWAN12	SWALEC (Infralec)	1	97.7	9.2
UPPB10	SWALEC (Infralec)	0.96	104	1
UPPB30	SWALEC (Infralec)	0.98	31	3
USKM10	SWALEC (Infralec)	0.99	140	1
MEAD10	UPM KYMMENE	1	0	0
ABHA11	WPD(formerly SWEB)	-0.99	41.5	0
ABHA12	WPD(formerly SWEB)	-0.99	42.5	0
ALVE10	WPD(formerly SWEB)	-0.78	70	0
AXMI10	WPD(formerly SWEB)	1	62	0
BRWA10	WPD(formerly SWEB)	0.99	92	0
EXET10	WPD(formerly SWEB)	-0.99	102	0
INDQ10	WPD(formerly SWEB)	-0.96	147	0
IROA11	WPD(formerly SWEB)	-0.81	71.5	0
IROA12	WPD(formerly SWEB)	-0.81	89.5	0
LAND10	WPD(formerly SWEB)	-0.91	87	0
MELK10	WPD(formerly SWEB)	-0.97	59	0
SEAB11	WPD(formerly SWEB)	-0.99	125	0
TAUN10	WPD(formerly SWEB)	0.99	42	0
BRAW11	Yorkshire Electricity	0.93	66	0
BRAW12	Yorkshire Electricity	0.94	75	8.6
CAML60	Yorkshire Electricity	0.98	11	0
CREB11	Yorkshire Electricity	0.94	75	2.5
CREB12	Yorkshire Electricity	0.93	87	5.4
DRAX11	Yorkshire Electricity	0.89	13.3	0

DRAX12	Yorkshire Electricity	0.89	13.3	0
ELLA11	Yorkshire Electricity	0.96	52	5.2
ELLA12	Yorkshire Electricity	0.95	52	4.6
FERR11	Yorkshire Electricity	0.95	53	7.3
FERR12	Yorkshire Electricity	0.95	59	0
FERR60	Yorkshire Electricity	0.94	21	10.3
GRIW10	Yorkshire Electricity	0.93	59	25
JORD30	Yorkshire Electricity	0.97	18	0
KEAD10	Yorkshire Electricity	0.89	219	23.6
KIRK10	Yorkshire Electricity	0.95	107	1.1
NEEP30	Yorkshire Electricity	0.96	31	0
NORL30	Yorkshire Electricity	0.99	19	0
PITS31	Yorkshire Electricity	0.91	20	0
PITS32	Yorkshire Electricity	0.8	3	0
SAEN10	Yorkshire Electricity	0.95	19	7.9
SHEC30	Yorkshire Electricity	0.94	41	0
SKLG10	Yorkshire Electricity	0.88	229	2.7
THOM60	Yorkshire Electricity	0.88	46	5.8
THUR60	Yorkshire Electricity	0.96	60	0.9
WIBA30	Yorkshire Electricity	0.87	9	0.3
WMEL11	Yorkshire Electricity	0.88	92	11.6
WMEL12	Yorkshire Electricity	0.88	147	5.6
WMEL13	Yorkshire Electricity	1	139	5

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Table E.2.3 - GSP Summer Minimum Demand (MW), Generation (MW) and Power Factor, 2011/12

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
LYNE70	Alcan	1	325	0
WYLF10	Anglesey Aluminium	0.98	288	0
TEMP30	BOC	0.98	25.5	0
DUNG20	British Energy	0.79	14	0
EGGB41	British Energy	0.78	15	0
HEYS10	British Energy	0.8	61	0
HINP21	British Energy	0.76	12	0
HINP22	British Energy	0.76	12	0
SIZE40	British Energy	0.89	4	0
TREM30	Celsa	0.85	95	0
BESW10	Central Networks East (EMEB)	0.97	136	1.5
BICF10	Central Networks East (EMEB)	0.96	0.8	58.7
CHTE10	Central Networks East (EMEB)	0.92	189.7	9
COVE10	Central Networks East (EMEB)	0.96	219.6	7.8
DRAK10	Central Networks East (EMEB)	0.96	34.9	2.4
ECLA10	Central Networks East (EMEB)	0.9	169.4	2.9
ENDE10	Central Networks East (EMEB)	0.98	191.3	4.7
GREN10	Central Networks East (EMEB)	0.88	246.5	21.8
HAMH12	Central Networks East (EMEB)	0.96	0	0
LEAM10	Central Networks East (EMEB)	0.96	43.2	1
RATS10	Central Networks East (EMEB)	0.96	211.9	0.7
SBAR40	Central Networks East (EMEB)	0.96	21.7	0
STYC10	Central Networks East (EMEB)	0.97	63.5	3.3
WALP10	Central Networks East (EMEB)	0.91	114	1.8
WBUR10	Central Networks East (EMEB)	0.93	76.8	1.3
WILL10	Central Networks East (EMEB)	0.96	246.9	1.3
BISW10	Central Networks West (Aquila)	0.96	169.3	0
BUSH10	Central Networks West (Aquila)	0.97	66.4	4.2
BUST10	Central Networks West (Aquila)	0.96	132.3	0
CELL10	Central Networks West (Aquila)	0.81	190.5	33.8

ECLA10	Central Networks West (Aquila)	0.96	27	0
FECK60	Central Networks West (Aquila)	0.96	128.4	2
GLOU10	Central Networks West (Aquila)	0.96	224.3	1
HAMH11	Central Networks West (Aquila)	0.96	0	0
HAMH12	Central Networks West (Aquila)	0.96	0	0
IROA11	Central Networks West (Aquila)	0.96	37.5	1
IRSH40	Central Networks West (Aquila)	0.96	128.5	0
KITW10	Central Networks West (Aquila)	0.96	146.3	0
LEAM10	Central Networks West (Aquila)	0.96	171.2	3
NECH10	Central Networks West (Aquila)	0.78	136.6	23.5
OCKH10	Central Networks West (Aquila)	0.96	41.2	0
OLDB10	Central Networks West (Aquila)	0.96	32.1	1
PENN10	Central Networks West (Aquila)	0.96	94.1	4.2
RUGE10	Central Networks West (Aquila)	0.96	69.1	4
WIEN10	Central Networks West (Aquila)	0.96	44.6	0
GREN10	Corby Power Ltd	1	0	0
ALDW31	CORUS	0.74	8	0
ALDW32	CORUS	1	0	0
GRT060	CORUS	0.8	8	0
RAVE30	CORUS	0.8	1	0
STSB60	CORUS	0.95	0	0
TEMP30	CORUS	0.74	1	0
TINP32	CORUS	0.7	2	0
TODP60	CORUS	0.8	-13	88
WHSO31	CORUS	0.91	29.9	0
WHSO32	CORUS	0.91	29.9	0
WILL10	Derwent	1	0	0
DRAX11	Drax Power Limited	0.9	8	0
DRAX12	Drax Power Limited	0.9	36	0
COTT40	E.ON (UK) plc (Powergen)	0.34	10	0
DEES4	E.ON (UK) plc (Powergen)	1	0	0
GRAI40	E.ON (UK) plc (Powergen)	0.81	18	0
IRON10	E.ON (UK) plc (Powergen)	0.83	3	0
KINO10	E.ON (UK) plc (Powergen)	0.8	10	0
RATS10	E.ON (UK) plc (Powergen)	0.77	14.9	0
AMEM10	Eastern Power Networks	0.91	31.6	0
BARK10	Eastern Power Networks	0.95	60	0
BARW30	Eastern Power Networks	0.94	30.7	0
BRFO10	Eastern Power Networks	0.95	275.1	95
BRIM10	Eastern Power Networks	0.95	89.8	0

BARRA10	Eastern Power Networks	0.89	239.3	0
BURW10	Eastern Power Networks	0.93	109.7	0
EASO10	Eastern Power Networks	0.96	38.7	20.4
ELRH10	Eastern Power Networks	0.89	167.1	0
ELST10	Eastern Power Networks	0.96	40.9	0
ELWS10	Eastern Power Networks	0.94	113.1	0
GREN10	Eastern Power Networks	0.96	66.5	0.2
MILH10	Eastern Power Networks	0.96	71.8	0
NORW10	Eastern Power Networks	0.91	204.8	20
PEWY10	Eastern Power Networks	0.96	174.2	0
SUND10	Eastern Power Networks	0.96	146.6	5
TILB11	Eastern Power Networks	0.95	15.6	4
TILB12	Eastern Power Networks	0.95	17.4	3
TILB13	Eastern Power Networks	0.95	17.4	3
TILB14	Eastern Power Networks	0.95	15.6	4
TOTT10	Eastern Power Networks	0.96	86.6	27.6
WALP10	Eastern Power Networks	0.96	188.9	41.3
WARL10	Eastern Power Networks	0.95	83.8	10
WATS12	Eastern Power Networks	0.95	62.2	0
WISD10	Eastern Power Networks	0.95	16.9	0
WTHU60	Eastern Power Networks	0.95	16.9	0
BARK10	EDF (Formerly LPN)	0.96	84.9	0
BARW30	EDF (Formerly LPN)	0.94	122.2	0
BEDD10	EDF (Formerly LPN)	0.96	64.4	0
BRIM10	EDF (Formerly LPN)	0.96	56.6	0
CITR10	EDF (Formerly LPN)	0.96	672.5	0.9
HACK10	EDF (Formerly LPN)	0.96	81.6	0
HACK60	EDF (Formerly LPN)	0.96	72	0
HURS10	EDF (Formerly LPN)	0.96	122.5	0
LITT10	EDF (Formerly LPN)	0.96	78.8	5.3
LODR60	EDF (Formerly LPN)	0.96	203.7	0
MILH10	EDF (Formerly LPN)	0.92	11.6	0
NEWX10	EDF (Formerly LPN)	0.96	128.1	0
NEWX60	EDF (Formerly LPN)	0.96	160.3	0
REBR30	EDF (Formerly LPN)	0.94	44.2	0
SJOW10	EDF (Formerly LPN)	0.96	393.3	4
WHAM10	EDF (Formerly LPN)	0.96	317.1	4
WIGP10	EDF (Formerly LPN)	0.96	248.1	0
WIMB14	EDF (Formerly LPN)	0.96	61.9	0
WISD10	EDF (Formerly LPN)	0.96	103.6	0

WISD60	EDF (Formerly LPN)	0.96	50.9	0
WBUR10	EdF Energy	0.72	6	0
SFEM50	Exxon Mobil	1	20.6	0
SEFI10	Fellside Heat and Power	0.94	43	0
DINO40	First Hydro	0.95	1375	0
FFES21	First Hydro	0.95	112.5	0
FFES22	First Hydro	0.95	112.5	0
BAGB20	GE Energy	0.95	20	250
HUMR40	Immingham CHP	1	0	0
GRMO30	Ineos (Innovene) Grangemouth	0.98	38.4	0
RUGE10	International Power	0.85	4	0
CULJ31	J E T	0.95	0.1	0
CULJ32	J E T	0.95	0.1	0
CULJ33	J E T	0.95	0.1	0
HARE30	MOD	0.8	10.6	0
GRAI40	National Grid	0.88	5.2	0
SFEG10	National Grid	0.97	10	0
BARK10	Network Rail	0.85	0	0
BARK40	Network Rail	0.95	1	0
BERW10	Network Rail	1	0	0
CATY1A	Network Rail	1	0	0
CATY1B	Network Rail	1	0	0
DEVM10	Network Rail	1	0	0
ECCF1A	Network Rail	1	0	0
ECCF1B	Network Rail	1	0	0
ELST4A	Network Rail	1	0.6	0
ELST4B	Network Rail	1	0.6	0
ELVA20	Network Rail	1	0	0
HARK40	Network Rail	1	0	0
INWI1A	Network Rail	1	0	0
INWI1B	Network Rail	1	0	0
LEIB4A	Network Rail	1	0	0
LEIB4B	Network Rail	1	0	0
PAFB4A	Network Rail	1	0	0
PAFB4B	Network Rail	1	0	0
POOB2A	Network Rail	1	0.5	0
POOB2B	Network Rail	1	0.5	0
POPP20	Network Rail	1	0	0
RUGE40	Network Rail	1	0	0
SACO1A	Network Rail	1	0	0

SACO1B	Network Rail	1	0	0
SANX1A	Network Rail	1	1	0
SANX1B	Network Rail	1	1	0
SELL30	Network Rail	0.99	1	0
SING40	Network Rail	0.99	1	0
STLE10	Network Rail	1	1	0
WALP11	Network Rail	1	1	0
WISH20	Network Rail	1	0	0
ALCA1A	Northern Electric	0.86	107.5	0
ALCA1B	Northern Electric	0.86	107.5	0
BLYT60	Northern Electric	0.99	55	6.2
FERR11	Northern Electric	0.97	0	1
FERR12	Northern Electric	0.97	0	1
FOUR70	Northern Electric	1	6	0
HARM60	Northern Electric	0.97	26	5
HAWP60	Northern Electric	0.97	32	3.5
KNAR10	Northern Electric	0.97	63	0
LACK60	Northern Electric	0.99	141	0
NORT11	Northern Electric	0.97	85.6	10.6
NORT12	Northern Electric	0.97	85.6	10.6
OFFE30	Northern Electric	0.97	24	0
OSBA10	Northern Electric	0.98	107	1.5
POPP30	Northern Electric	0.98	15	3.7
SALH10	Northern Electric	0.97	21	46.1
SPEN10	Northern Electric	0.89	73	8
SSHI30	Northern Electric	0.98	15	0
STEN11	Northern Electric	0.96	41.3	1.9
STEN12	Northern Electric	0.96	41.3	1.9
STES10	Northern Electric	0.94	95	5.3
TYNE10	Northern Electric	0.97	81	2
WBOL60	Northern Electric	1	87	0
BRED10	NORWEB (UU)	0.99	120.4	0
CARR10	NORWEB (UU)	0.94	104.8	20
HARK11	NORWEB (UU)	0.88	58.4	224.5
HARK12	NORWEB (UU)	0.88	64.5	134.4
HEYS10	NORWEB (UU)	0.99	36.2	315.7
HUTT10	NORWEB (UU)	0.97	90	34.1
KEAR11	NORWEB (UU)	0.96	112	0
KEAR12	NORWEB (UU)	0.96	86.3	0
KEAR30	NORWEB (UU)	0.98	31.1	8

MACC30	NORWEB (UU)	0.95	24	9
PADI10	NORWEB (UU)	0.93	62.3	0
PENE11	NORWEB (UU)	0.98	55.7	0
PENE12	NORWEB (UU)	0.98	32.4	0
PENW11	NORWEB (UU)	0.96	23.3	6.1
PENW12	NORWEB (UU)	0.96	23.3	0
RAIN10	NORWEB (UU)	0.97	25.6	0
ROCH11	NORWEB (UU)	0.85	79.3	9.3
ROCH12	NORWEB (UU)	0.85	40.1	60
SMAN10	NORWEB (UU)	0.96	140.1	19
STAH10	NORWEB (UU)	0.96	106.2	12.1
STAL10	NORWEB (UU)	0.97	145.2	0
WASF1A	NORWEB (UU)	0.98	27.9	4
WASF1B	NORWEB (UU)	0.98	27.9	4
WHGA10	NORWEB (UU)	1	107.6	3.6
CHAP10	Nuclear Decommisssioning Authority	0.89	0	0
DUNG20	Nuclear Decommisssioning Authority	0.89	4	0
HINP20	Nuclear Decommisssioning Authority	0.89	1	0
OLDS11	Nuclear Decommisssioning Authority	0.85	5	0
SIZE10	Nuclear Decommisssioning Authority	0.89	4	0
TRAW20	Nuclear Decommisssioning Authority	0.89	0.5	0
WYLF10	Nuclear Decommisssioning Authority	0.9	75	0
ABTH11	RWE Npower plc (Innogy)	0.81	44	0
ABTH12	RWE Npower plc (Innogy)	0.81	44	0
BLYT60	RWE Npower plc (Innogy)	0.85	0	0
DRAY10	RWE Npower plc (Innogy)	0.85	10	0
FAWL40	RWE Npower plc (Innogy)	0.65	2	0
LITT10	RWE Npower plc (Innogy)	0.88	3	0
TILB11	RWE Npower plc (Innogy)	0.85	2	0
SAES20	Saltend	0.96	100	0
BEDD10	SEEBOARD Power Networks	0.96	196.2	0
BOLN11	SEEBOARD Power Networks	0.93	174	0
BOLN12	SEEBOARD Power Networks	0.93	151	0
CHSI10	SEEBOARD Power Networks	0.93	78	0
CHSI1A	SEEBOARD Power Networks	0.93	25	0

CHSI1B	SEEBOARD Power Networks	0.93	25	0
CSEK40	SEEBOARD Power Networks	0.93	353	0
KEMS13	SEEBOARD Power Networks	0.93	5	0
KINO10	SEEBOARD Power Networks	0.93	68	35
LALE10	SEEBOARD Power Networks	0.93	28	0
LITT10	SEEBOARD Power Networks	0.96	18	0
NFLE10	SEEBOARD Power Networks	0.96	158.2	38.5
NINF10	SEEBOARD Power Networks	0.96	126	0
WWEY10	SEEBOARD Power Networks	0.96	155.9	0
GRST60	Sembcorp (Formerly ICI)	0.75	50	105
MOSM50	SHELL	1	13	0
ABNE30	SHEPD	-1	13.3	1.2
ALNE30	SHEPD	-1	9.5	0
ARBR30	SHEPD	1	12.2	0
ARMO30	SHEPD	-0.92	11.5	0
BEAU30	SHEPD	-1	19	0.6
BOAG30	SHEPD	0.99	13.6	0.3
BRAC30	SHEPD	0.96	13.4	0.4
BRID30	SHEPD	0.99	11.6	0
BROA30	SHEPD	0.99	4.1	0.6
BROR30	SHEPD	0.99	3.4	0
BUMU30	SHEPD	0.99	17.1	0.1
CAAD30	SHEPD	-1	8	0
CASS50	SHEPD	-1	0.8	0
CEAN50	SHEPD	-1	1	0.4
CHAR30	SHEPD	0.98	12.2	0
CLAC30	SHEPD	0.88	1	0.4
CLAY30	SHEPD	0.99	16.3	0
COUA30	SHEPD	0.94	10.1	0
CRAI30	SHEPD	0.99	10.5	0
DOUN50	SHEPD	0.99	4.9	0
DUBE30	SHEPD	-0.99	-3.5	0
DUDH30	SHEPD	0.95	12.7	0
DUGR30	SHEPD	0.96	2.4	0.8
DUNO30	SHEPD	-0.99	3	2.4
DYCE30	SHEPD	0.98	13.9	0
ELGI30	SHEPD	0.98	19.7	0
FASN30	SHEPD	0.47	0.3	0
FAUG30	SHEPD	0.92	0.3	0.3
FIDD30	SHEPD	0.97	6.9	0

FRAS30	SHEPD	0.96	8.4	0
FWIL30	SHEPD	0.99	41	0.8
GLAG30	SHEPD	0.97	7.5	0.9
GRUB30	SHEPD	0.93	3.4	1.3
INNE30	SHEPD	0.99	23.5	2.9
KEIT30	SHEPD	0.72	12.7	0
KEMD30	SHEPD	1	34.5	0
KIIN30	SHEPD	1	-0.7	0
KILO30	SHEPD	0.27	1	0
KINT30	SHEPD	0.91	13.3	0
LAIR50	SHEPD	0.96	0.7	0
LUNA30	SHEPD	0.95	12.7	0.7
LYND30	SHEPD	1	11.5	0
MACD30	SHEPD	0.25	1.6	0
MILC30	SHEPD	-1	17.4	3.1
MYBS30	SHEPD	1	-6.1	0
NAIR30	SHEPD	0.96	12.8	0
PEHG30	SHEPD	0.98	8.9	0
PEHS50	SHEPD	1	5.1	0
PERS30	SHEPD	-1	13.5	1.2
PORA30	SHEPD	-1	5.9	0.5
RANN30	SHEPD	0.99	0.5	0
REDM30	SHEPD	0.99	12.3	0
SFEG50	SHEPD	0.97	7.4	0
SFIL30	SHEPD	0.94	0.6	0
SHIN50	SHEPD	0.98	0.7	0
SLOY11	SHEPD	0.96	1.2	0
STLE30	SHEPD	0.96	6.6	1.5
STRI30	SHEPD	0.97	3.5	0
TARL30	SHEPD	0.99	5.6	0
TAYN30	SHEPD	0.98	7.2	3.3
THSO30	SHEPD	-0.98	13.8	1.6
TUMB30	SHEPD	0.9	4	0.7
WIOW30	SHEPD	0.99	14.5	0
WOHI30	SHEPD	0.98	14.6	0
AMEM10	Southern Electric	0.99	34.3	0
AXMI10	Southern Electric	0.95	36.9	2.3
BOTW10	Southern Electric	0.97	57.9	2.4
BRFL40	Southern Electric	0.94	543.8	15.4
BRLE13	Southern Electric	0.93	44.5	0

BRLE14	Southern Electric	0.93	44.5	0
CHIC10	Southern Electric	0.98	36.3	2.9
COWL10	Southern Electric	0.96	258.5	1.7
EALI60	Southern Electric	0.92	93.7	1.8
FAWL10	Southern Electric	0.85	205.2	109
IVER10	Southern Electric	0.98	163.3	15.9
IVER60	Southern Electric	0.93	48.4	2
LALE10	Southern Electric	0.9	105	15.9
LOVE10	Southern Electric	0.96	291.1	12.9
MANN10	Southern Electric	0.98	257.9	5.7
MELK10	Southern Electric	0.95	142.4	6.9
MITY10	Southern Electric	0.97	138.6	4.7
NHYD60	Southern Electric	0.94	86.7	0
NURS10	Southern Electric	0.97	174	2.6
TYNE50	Southern Electric	0.97	12	0
WISD60	Southern Electric	0.96	58.6	0
AYR20	SP Distribution	1	18.2	0
BAGA10	SP Distribution	0.98	24.1	0
BAIN10	SP Distribution	1	13.8	0
BERW10	SP Distribution	0.87	14.2	0
BONN20	SP Distribution	0.99	21.6	0
BRAE1	SP Distribution	0.96	12.9	0
BROX10	SP Distribution	1	20.6	0
CAFA10	SP Distribution	-0.99	-6.8	6.4
CATY10	SP Distribution	0.99	21.9	0
CHAP10	SP Distribution	0.77	18.3	0
CHAS20	SP Distribution	0.99	34.7	0
CLYM10	SP Distribution	0.99	23	2.8
COAT30	SP Distribution	0.99	15.3	0
COCK30	SP Distribution	0.99	16.2	0
COYL10	SP Distribution	0.08	0.7	17.4
CROO31	SP Distribution	0.92	12.7	0
CROO32	SP Distribution	0.89	7.7	0
CUMB10	SP Distribution	0.98	14.6	9.4
CUPA10	SP Distribution	0.95	26.7	0
CURR20	SP Distribution	0.95	4.2	0
DEVM10	SP Distribution	0.97	19	0
DEVO10	SP Distribution	0.99	27.1	0
DEWP30	SP Distribution	0.97	39.3	0
DRCR30	SP Distribution	0.89	4.8	0

DRUM30	SP Distribution	1	25.4	0
DUMF31	SP Distribution	1	16.2	0
DUMF32	SP Distribution	0.85	10.7	0
DUMF50	SP Distribution	0.95	5.6	0
DUNB30	SP Distribution	0.88	21.5	0
DUNF30	SP Distribution	0.99	13.4	0
EAST50	SP Distribution	-0.99	-7.1	7
ECCL30	SP Distribution	1	10.4	0
EERH30	SP Distribution	1	25.6	0
EKIL30	SP Distribution	1	23	0
EKIS30	SP Distribution	0.96	19.6	3.1
ELDE10	SP Distribution	1	11.1	0
ERSK30	SP Distribution	0.99	9.8	0
GALA30	SP Distribution	0.73	5.2	8.9
GIFF30	SP Distribution	1	19.2	0
GLLE50	SP Distribution	0.95	0.6	0
GLLU30	SP Distribution	0.62	4.4	6.9
GLNI30	SP Distribution	0.98	8.1	0
GLRO30	SP Distribution	0.95	19.5	0
GORG30	SP Distribution	0.98	13.5	0
GOVA30	SP Distribution	0.97	14	0
GRMO3	SP Distribution	0.96	13.7	3.4
GRMO30	SP Distribution	0.97	17.9	0
HAGR3	SP Distribution	0.98	11.7	0
HAWI30	SP Distribution	0.97	8	0
HELE30	SP Distribution	0.99	6.7	0
HUNF30	SP Distribution	0.84	1.9	0
INKE30	SP Distribution	0.97	20.7	0
JOHN30	SP Distribution	0.98	14.3	0
KAIM30	SP Distribution	0.95	19.1	11.3
KEOO50	SP Distribution	1	0.1	0
KIER30	SP Distribution	0.95	26.6	1.7
KILB30	SP Distribution	0.98	10.6	0
KILB50	SP Distribution	0.74	3	0
KILS30	SP Distribution	0.97	9	1.7
KILT30	SP Distribution	0.95	44.1	0
KILW30	SP Distribution	0.03	0.1	14.7
LEVE30	SP Distribution	0.87	14.6	0
LING30	SP Distribution	0.98	25.7	0
LINM30	SP Distribution	0.71	10.5	9.8

MAYB30	SP Distribution	1	4.8	2.5
NEAR30	SP Distribution	0.99	29.1	3.4
NETS30	SP Distribution	0.81	4.5	0
PAIS3	SP Distribution	0.99	20.6	0
PART30	SP Distribution	0.85	16.9	0
POOB30	SP Distribution	0.97	32	0
PORD30	SP Distribution	0.97	33.9	0
RAVE30	SP Distribution	1	21.2	0
REDH30	SP Distribution	0.95	15.3	0
SACO3A	SP Distribution	1	1.2	20.8
SACO3B	SP Distribution	0.97	2.7	0
SANX30	SP Distribution	0.95	15	0
SHRU30	SP Distribution	0.99	20.9	0
SIGH30	SP Distribution	0.79	43	0
SPAV30	SP Distribution	0.99	23.8	0
STHA30	SP Distribution	0.81	18.1	0
STIR30	SP Distribution	0.95	29.8	0
STLE30	SP Distribution	0.98	17	0
TELR30	SP Distribution	1	11.8	0
TONG50	SP Distribution	0.88	10.3	0
WFIE30	SP Distribution	0.91	6.2	9.3
WGEO30	SP Distribution	0.86	28.1	0
WHHO30	SP Distribution	0.97	21.6	0
WISH10	SP Distribution	1	23.7	0
COCK30	SP Generation	0.86	13	0
BIRK10	SP MANWEB	0.86	93	30
CAPE10	SP MANWEB	0.98	107	55
CARR10	SP MANWEB	0.99	35	114
CASK10	SP MANWEB	0.84	420	511
CELL10	SP MANWEB	1	51	2
CONQ10	SP MANWEB	1	159	64
FIDF13	SP MANWEB	0.98	56.5	19
FROD10	SP MANWEB	0.98	42	17
IMPP30	SP MANWEB	0.95	2	0
INCE10	SP MANWEB	0.95	70	34
KIBY10	SP MANWEB	0.98	121	12
LEGA10	SP MANWEB	0.95	149	40
LISD10	SP MANWEB	0.85	120	6
PENT10	SP MANWEB	1	52	12
RAIN10	SP MANWEB	0.96	157	18

SHOT10	SP MANWEB	0.82	70	196
SWAN11	SP MANWEB	0.87	8.4	6
SWAN12	SP MANWEB	0.87	9.8	7
TRAW10	SP MANWEB	0.94	29	14
WYLF10	SP MANWEB	0.96	27	25
FERR11	SSE Generation Ltd	1	4	0
FERR12	SSE Generation Ltd	1	4	0
ABTH11	SWALEC (Infraclec)	0.96	51.1	1.1
ABTH12	SWALEC (Infraclec)	0.96	51.1	1.1
ALST30	SWALEC (Infraclec)	0.8	0.9	0
CARE10	SWALEC (Infraclec)	0.96	91.7	1.9
GRAN60	SWALEC (Infraclec)	0.87	57	5
PEMB10	SWALEC (Infraclec)	1	135	0
PYLE10	SWALEC (Infraclec)	1	97	4
RASS10	SWALEC (Infraclec)	0.97	74	10
SWAN11	SWALEC (Infraclec)	1	84.2	7.8
SWAN12	SWALEC (Infraclec)	1	98.8	9.2
UPPB10	SWALEC (Infraclec)	0.96	105	1
UPPB30	SWALEC (Infraclec)	0.98	32	3
USKM10	SWALEC (Infraclec)	0.99	143	1
MEAD10	UPM KYMMENE	1	0	0
ABHA11	WPD(formerly SWEB)	-0.99	42	0
ABHA12	WPD(formerly SWEB)	-0.99	43	0
ALVE10	WPD(formerly SWEB)	-0.78	71	0
AXMI10	WPD(formerly SWEB)	1	62	0
BRWA10	WPD(formerly SWEB)	0.99	92	0
EXET10	WPD(formerly SWEB)	-0.99	103	0
INDQ10	WPD(formerly SWEB)	-0.96	149	0
IROA11	WPD(formerly SWEB)	-0.81	72.4	0
IROA12	WPD(formerly SWEB)	-0.81	90.6	0
LAND10	WPD(formerly SWEB)	-0.91	88	0
MELK10	WPD(formerly SWEB)	-0.97	60	0
SEAB11	WPD(formerly SWEB)	-0.99	127	0
TAUN10	WPD(formerly SWEB)	0.99	42	0
BRAW11	Yorkshire Electricity	0.93	67	0
BRAW12	Yorkshire Electricity	0.94	76	8.6
CAML60	Yorkshire Electricity	0.98	11	0
CREB11	Yorkshire Electricity	0.94	76	2.5
CREB12	Yorkshire Electricity	0.93	87	5.4
DRAX11	Yorkshire Electricity	0.89	13.4	0

DRAX12	Yorkshire Electricity	0.89	13.4	0
ELLA11	Yorkshire Electricity	0.96	52	5.2
ELLA12	Yorkshire Electricity	0.95	53	4.6
FERR11	Yorkshire Electricity	0.95	53	7.3
FERR12	Yorkshire Electricity	0.95	60	0
FERR60	Yorkshire Electricity	0.94	22	10.3
GRIW10	Yorkshire Electricity	0.93	59	25
JORD30	Yorkshire Electricity	0.97	18	0
KEAD10	Yorkshire Electricity	0.89	220	23.6
KIRK10	Yorkshire Electricity	0.95	108	1.1
NEEP30	Yorkshire Electricity	0.96	31	0
NORL30	Yorkshire Electricity	0.99	19	0
PITS31	Yorkshire Electricity	0.91	20	0
PITS32	Yorkshire Electricity	0.8	3	0
SAEN10	Yorkshire Electricity	0.95	20	7.9
SHEC30	Yorkshire Electricity	0.94	42	0
SKLG10	Yorkshire Electricity	0.88	231	2.7
THOM60	Yorkshire Electricity	0.88	46.3	5.8
THUR60	Yorkshire Electricity	0.96	60	0.9
WIBA30	Yorkshire Electricity	0.87	10	0.3
WMEL11	Yorkshire Electricity	0.88	92.7	11.6
WMEL12	Yorkshire Electricity	0.88	148	5.6
WMEL13	Yorkshire Electricity	1	141	5

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Table E.2.4 - GSP Summer Minimum Demand (MW), Generation (MW) and Power Factor, 2012/13

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
LYNE70	Alcan	1	325	0
WYLF10	Anglesey Aluminium	0.98	288	0
TEMP30	BOC	0.98	25.5	0
DUNG20	British Energy	0.79	14	0
EGGB41	British Energy	0.78	15	0
HEYS10	British Energy	0.8	61	0
HINP21	British Energy	0.76	12	0
HINP22	British Energy	0.76	12	0
SIZE40	British Energy	0.89	4	0
TREM30	Celsa	0.85	95	0
BESW10	Central Networks East (EMEB)	0.97	137	1.5
BICF10	Central Networks East (EMEB)	0.96	1.2	58.7
CHTE10	Central Networks East (EMEB)	0.92	191.1	9
COVE10	Central Networks East (EMEB)	0.96	221.1	7.8
DRAK10	Central Networks East (EMEB)	0.96	35.2	2.4
ECLA10	Central Networks East (EMEB)	0.9	175.3	2.9
ENDE10	Central Networks East (EMEB)	0.98	192.7	4.7
GREN10	Central Networks East (EMEB)	0.88	254.1	21.8
HAMH12	Central Networks East (EMEB)	0.96	0	0
LEAM10	Central Networks East (EMEB)	0.96	43.8	1
RATS10	Central Networks East (EMEB)	0.96	213.4	0.7
SBAR40	Central Networks East (EMEB)	0.96	21.9	0
STYC10	Central Networks East (EMEB)	0.97	64	3.3
WALP10	Central Networks East (EMEB)	0.91	114.7	1.8
WBUR10	Central Networks East (EMEB)	0.93	77.3	1.3
WILL10	Central Networks East (EMEB)	0.96	248.7	1.3
BISW10	Central Networks West (Aquila)	0.96	170.6	0
BUSH10	Central Networks West (Aquila)	0.97	66.9	4.2
BUST10	Central Networks West (Aquila)	0.96	133.3	0
CELL10	Central Networks West (Aquila)	0.81	191.8	33.8

ECLA10	Central Networks West (Aquila)	0.96	27.2	0
FECK60	Central Networks West (Aquila)	0.96	129.2	2
GLOU10	Central Networks West (Aquila)	0.96	225.9	1
HAMH11	Central Networks West (Aquila)	0.96	0	0
HAMH12	Central Networks West (Aquila)	0.96	0	0
IROA11	Central Networks West (Aquila)	0.96	37.7	1
IRSH40	Central Networks West (Aquila)	0.96	129.4	0
KITW10	Central Networks West (Aquila)	0.96	147.4	0
LEAM10	Central Networks West (Aquila)	0.96	174.8	3
NECH10	Central Networks West (Aquila)	0.78	137.6	23.5
OCKH10	Central Networks West (Aquila)	0.96	41.5	0
OLDB10	Central Networks West (Aquila)	0.96	32.4	1
PENN10	Central Networks West (Aquila)	0.96	94.8	4.2
RUGE10	Central Networks West (Aquila)	0.96	69.6	4
WIEN10	Central Networks West (Aquila)	0.96	44.9	0
GREN10	Corby Power Ltd	1	0	0
ALDW31	CORUS	0.74	8	0
ALDW32	CORUS	1	0	0
GRT060	CORUS	0.8	8	0
RAVE30	CORUS	0.8	1	0
STSB60	CORUS	0.95	0	0
TEMP30	CORUS	0.74	1	0
TINP32	CORUS	0.7	2	0
TODP60	CORUS	0.8	-13	88
WHSO31	CORUS	0.91	29.9	0
WHSO32	CORUS	0.91	29.9	0
WILL10	Derwent	1	0	0
DRAX11	Drax Power Limited	0.9	8	0
DRAX12	Drax Power Limited	0.9	36	0
COTT40	E.ON (UK) plc (Powergen)	0.34	10	0
DEES4	E.ON (UK) plc (Powergen)	1	0	0
GRAI40	E.ON (UK) plc (Powergen)	0.81	18	0
IRON10	E.ON (UK) plc (Powergen)	0.83	3	0
KINO10	E.ON (UK) plc (Powergen)	0.8	10	0
RATS10	E.ON (UK) plc (Powergen)	0.77	14.9	0
AMEM10	Eastern Power Networks	0.91	31.6	0
BARK10	Eastern Power Networks	0.95	60.3	0
BARW30	Eastern Power Networks	0.94	26.9	0
BRFO10	Eastern Power Networks	0.95	275.8	95
BRIM10	Eastern Power Networks	0.95	90.2	0

BARRA10	Eastern Power Networks	0.89	240.4	0
BURW10	Eastern Power Networks	0.93	109.9	0
EASO10	Eastern Power Networks	0.96	39.9	20.4
ELRH10	Eastern Power Networks	0.89	167.9	0
ELST10	Eastern Power Networks	0.96	41.3	0
ELWS10	Eastern Power Networks	0.94	113.6	0
GREN10	Eastern Power Networks	0.96	67.6	0.2
MILH10	Eastern Power Networks	0.96	72.2	0
NORW10	Eastern Power Networks	0.91	205.8	20
PEWY10	Eastern Power Networks	0.96	174.8	0
SUND10	Eastern Power Networks	0.96	155.9	5
TILB11	Eastern Power Networks	0.95	15.7	4
TILB12	Eastern Power Networks	0.95	17.4	3
TILB13	Eastern Power Networks	0.95	17.4	3
TILB14	Eastern Power Networks	0.95	15.7	4
TOTT10	Eastern Power Networks	0.96	122.3	27.6
WALP10	Eastern Power Networks	0.96	194.6	41.3
WARL10	Eastern Power Networks	0.95	84.2	10
WATS12	Eastern Power Networks	0.95	62.5	0
WISD10	Eastern Power Networks	0.95	16.9	0
WTHU60	Eastern Power Networks	0.95	17	0
BARK10	EDF (Formerly LPN)	0.96	85	0
BARW30	EDF (Formerly LPN)	0.94	126.2	0
BEDD10	EDF (Formerly LPN)	0.96	65.1	0
BRIM10	EDF (Formerly LPN)	0.96	57.2	0
CITR10	EDF (Formerly LPN)	0.96	716.8	0.9
HACK10	EDF (Formerly LPN)	0.96	82.2	0
HACK60	EDF (Formerly LPN)	0.96	72.6	0
HURS10	EDF (Formerly LPN)	0.96	123.4	0
LITT10	EDF (Formerly LPN)	0.96	80.9	5.3
LODR60	EDF (Formerly LPN)	0.96	206.5	0
MILH10	EDF (Formerly LPN)	0.92	0	0
NEWX10	EDF (Formerly LPN)	0.96	141.7	0
NEWX60	EDF (Formerly LPN)	0.96	163.2	0
REBR30	EDF (Formerly LPN)	0.94	44.6	0
SJOW10	EDF (Formerly LPN)	0.96	37.3	4
WHAM10	EDF (Formerly LPN)	0.96	342.8	4
WIGP10	EDF (Formerly LPN)	0.96	250	0
WIMB14	EDF (Formerly LPN)	0.96	62.4	0
WISD10	EDF (Formerly LPN)	0.96	104.5	0

WISD60	EDF (Formerly LPN)	0.96	51.4	0
WBUR10	EdF Energy	0.72	6	0
SFEM50	Exxon Mobil	1	20.6	0
SEFI10	Fellside Heat and Power	0.94	43	0
DINO40	First Hydro	0.95	1375	0
FFES21	First Hydro	0.95	112.5	0
FFES22	First Hydro	0.95	112.5	0
BAGB20	GE Energy	0.95	20	250
HUMR40	Immingham CHP	1	0	0
GRMO30	Ineos (Innovene) Grangemouth	0.98	38.4	0
RUGE10	International Power	0.85	4	0
CULJ31	J E T	0.95	0.1	0
CULJ32	J E T	0.95	0.1	0
CULJ33	J E T	0.95	0.1	0
HARE30	MOD	0.8	10.8	0
GRAI40	National Grid	0.88	5.2	0
SFEG10	National Grid	0.97	10	0
BARK10	Network Rail	0.85	0	0
BARK40	Network Rail	0.95	1	0
BERW10	Network Rail	1	0	0
CATY1A	Network Rail	1	0	0
CATY1B	Network Rail	1	0	0
DEVM10	Network Rail	1	0	0
ECCF1A	Network Rail	1	0	0
ECCF1B	Network Rail	1	0	0
ELST4A	Network Rail	1	0.6	0
ELST4B	Network Rail	1	0.6	0
ELVA20	Network Rail	1	0	0
HARK40	Network Rail	1	0	0
INWI1A	Network Rail	1	0	0
INWI1B	Network Rail	1	0	0
LEIB4A	Network Rail	1	0	0
LEIB4B	Network Rail	1	0	0
PAFB4A	Network Rail	1	0	0
PAFB4B	Network Rail	1	0	0
POOB2A	Network Rail	1	0.5	0
POOB2B	Network Rail	1	0.5	0
POPP20	Network Rail	1	0	0
RUGE40	Network Rail	1	0	0
SACO1A	Network Rail	1	0	0

SACO1B	Network Rail	1	0	0
SANX1A	Network Rail	1	1	0
SANX1B	Network Rail	1	1	0
SELL30	Network Rail	0.99	1	0
SING40	Network Rail	0.99	1	0
STLE10	Network Rail	1	1	0
WALP11	Network Rail	1	1	0
WISH20	Network Rail	1	0	0
ALCA1A	Northern Electric	0.86	107.5	0
ALCA1B	Northern Electric	0.86	107.5	0
BLYT60	Northern Electric	0.99	56	6.2
FERR11	Northern Electric	0.97	0	1
FERR12	Northern Electric	0.97	0	1
FOUR70	Northern Electric	1	6	0
HARM60	Northern Electric	0.97	26	5
HAWP60	Northern Electric	0.97	32	3.5
KNAR10	Northern Electric	0.97	64	0
LACK60	Northern Electric	0.99	143	0
NORT11	Northern Electric	0.97	86.7	10.6
NORT12	Northern Electric	0.97	86.7	10.6
OFFE30	Northern Electric	0.97	25	0
OSBA10	Northern Electric	0.98	108	1.5
POPP30	Northern Electric	0.98	15	3.7
SALH10	Northern Electric	0.97	21	46.1
SPEN10	Northern Electric	0.89	74	8
SSHI30	Northern Electric	0.98	15	0
STEN11	Northern Electric	0.96	42.1	1.9
STEN12	Northern Electric	0.96	42.1	1.9
STES10	Northern Electric	0.94	96	5.3
TYNE10	Northern Electric	0.97	83	2
WBOL60	Northern Electric	1	88	0
BRED10	NORWEB (UU)	0.99	121.5	0
CARR10	NORWEB (UU)	0.94	104.8	20
HARK11	NORWEB (UU)	0.88	58.9	224.5
HARK12	NORWEB (UU)	0.88	65.1	134.4
HEYS10	NORWEB (UU)	0.99	36.6	315.7
HUTT10	NORWEB (UU)	0.97	90.8	34.1
KEAR11	NORWEB (UU)	0.96	113	0
KEAR12	NORWEB (UU)	0.96	87.1	0
KEAR30	NORWEB (UU)	0.98	31.4	8

MACC30	NORWEB (UU)	0.95	24.2	9
PADI10	NORWEB (UU)	0.93	62.9	0
PENE11	NORWEB (UU)	0.98	56.2	0
PENE12	NORWEB (UU)	0.98	32.7	0
PENW11	NORWEB (UU)	0.96	23.5	6.1
PENW12	NORWEB (UU)	0.96	23.5	0
RAIN10	NORWEB (UU)	0.97	25.6	0
ROCH11	NORWEB (UU)	0.85	80	9.3
ROCH12	NORWEB (UU)	0.85	40.5	60
SMAN10	NORWEB (UU)	0.96	141.1	19
STAH10	NORWEB (UU)	0.96	107.2	12.1
STAL10	NORWEB (UU)	0.97	146.6	0
WASF1A	NORWEB (UU)	0.98	28.1	4
WASF1B	NORWEB (UU)	0.98	28.1	4
WHGA10	NORWEB (UU)	1	108.6	3.6
CHAP10	Nuclear Decommisssioning Authority	0.89	0	0
DUNG20	Nuclear Decommisssioning Authority	0.89	4	0
HINP20	Nuclear Decommisssioning Authority	0.89	1	0
OLDS11	Nuclear Decommisssioning Authority	0.85	5	0
SIZE10	Nuclear Decommisssioning Authority	0.89	4	0
TRAW20	Nuclear Decommisssioning Authority	0.89	0.5	0
WYLF10	Nuclear Decommisssioning Authority	0.9	10	0
ABTH11	RWE Npower plc (Innogy)	0.81	4	0
ABTH12	RWE Npower plc (Innogy)	0.81	44	0
BLYT60	RWE Npower plc (Innogy)	0.85	0	0
DRAY10	RWE Npower plc (Innogy)	0.85	10	0
FAWL40	RWE Npower plc (Innogy)	0.65	2	0
LITT10	RWE Npower plc (Innogy)	0.88	3	0
TILB11	RWE Npower plc (Innogy)	0.85	2	0
SAES20	Saltend	0.96	100	0
BEDD10	SEEBOARD Power Networks	0.96	197.8	0
BOLN11	SEEBOARD Power Networks	0.93	174	0
BOLN12	SEEBOARD Power Networks	0.93	151	0
CHSI10	SEEBOARD Power Networks	0.93	78	0
CHSI1A	SEEBOARD Power Networks	0.93	25	0

CHSI1B	SEEBOARD Power Networks	0.93	25	0
CSEK40	SEEBOARD Power Networks	0.93	353	0
KEMS13	SEEBOARD Power Networks	0.93	5	0
KINO10	SEEBOARD Power Networks	0.93	68	35
LALE10	SEEBOARD Power Networks	0.93	28	0
LITT10	SEEBOARD Power Networks	0.96	24	0
NFLE10	SEEBOARD Power Networks	0.96	165.8	38.5
NINF10	SEEBOARD Power Networks	0.96	127.4	0
WWEY10	SEEBOARD Power Networks	0.96	158.2	0
GRST60	Sembcorp (Formerly ICI)	0.75	50	105
MOSM50	SHELL	1	13	0
ABNE30	SHEPD	-1	13.5	1.2
ALNE30	SHEPD	-1	9.5	0
ARBR30	SHEPD	1	12.4	0
ARMO30	SHEPD	-0.92	11.6	0
BEAU30	SHEPD	-1	19.1	0.6
BOAG30	SHEPD	0.99	13.8	0.3
BRAC30	SHEPD	0.96	13.5	0.4
BRID30	SHEPD	0.99	11.7	0
BROA30	SHEPD	0.99	4.2	0.6
BROR30	SHEPD	0.99	3.4	0
BUMU30	SHEPD	0.99	17.3	0.1
CAAD30	SHEPD	-1	8.2	0
CASS50	SHEPD	-1	0.8	0
CEAN50	SHEPD	-1	1.1	0.4
CHAR30	SHEPD	0.98	12.3	0
CLAC30	SHEPD	0.88	1	0.4
CLAY30	SHEPD	0.99	16.4	0
COUA30	SHEPD	0.94	10.2	0
CRAI30	SHEPD	0.99	10.7	0
DOUN50	SHEPD	0.99	4.9	0
DUBE30	SHEPD	-0.99	-3.6	0
DUDH30	SHEPD	0.95	12.9	0
DUGR30	SHEPD	0.96	2.4	0.8
DUNO30	SHEPD	-0.99	3.1	2.4
DYCE30	SHEPD	0.98	14.2	0
ELGI30	SHEPD	0.98	19.9	0
FASN30	SHEPD	0.47	0.3	0
FAUG30	SHEPD	0.92	0.4	0.3
FIDD30	SHEPD	0.97	7	0

FRAS30	SHEPD	0.96	8.7	0
FWIL30	SHEPD	0.99	41.7	0.8
GLAG30	SHEPD	0.97	7.7	0.9
GRUB30	SHEPD	0.93	3.4	1.3
INNE30	SHEPD	0.99	23.8	2.9
KEIT30	SHEPD	0.72	12.9	0
KEMD30	SHEPD	1	35	0
KIIN30	SHEPD	1	-0.7	0
KILO30	SHEPD	0.27	1	0
KINT30	SHEPD	0.91	13.4	0
LAIR50	SHEPD	0.96	0.7	0
LUNA30	SHEPD	0.95	12.8	0.7
LYND30	SHEPD	1	11.6	0
MACD30	SHEPD	0.25	1.7	0
MILC30	SHEPD	-1	17.5	3.1
MYBS30	SHEPD	1	-6.2	0
NAIR30	SHEPD	0.96	13	0
PEHG30	SHEPD	0.98	9	0
PEHS50	SHEPD	1	5.2	0
PERS30	SHEPD	-1	13.7	1.2
PORA30	SHEPD	-1	5.9	0.5
RANN30	SHEPD	0.99	0.5	0
REDM30	SHEPD	0.99	12.4	0
SFEG50	SHEPD	0.97	7.5	0
SFIL30	SHEPD	0.94	0.6	0
SHIN50	SHEPD	0.98	0.7	0
SLOY11	SHEPD	0.96	1.2	0
STLE30	SHEPD	0.96	6.7	1.5
STRI30	SHEPD	0.97	3.5	0
TARL30	SHEPD	0.99	5.7	0
TAYN30	SHEPD	0.98	7.3	3.3
THSO30	SHEPD	-0.98	14	1.6
TUMB30	SHEPD	0.9	4	0.7
WIOW30	SHEPD	0.99	14.6	0
WOHI30	SHEPD	0.98	14.8	0
AMEM10	Southern Electric	0.99	34.5	0
AXMI10	Southern Electric	0.95	37	2.3
BOTW10	Southern Electric	0.97	58.3	2.4
BRFL40	Southern Electric	0.94	547	15.4
BRLE13	Southern Electric	0.93	44.6	0

BRLE14	Southern Electric	0.93	44.6	0
CHIC10	Southern Electric	0.98	36.5	2.9
COWL10	Southern Electric	0.96	260.7	1.7
EALI60	Southern Electric	0.92	94.6	1.8
FAWL10	Southern Electric	0.85	206.5	109
IVER10	Southern Electric	0.98	164.1	15.9
IVER60	Southern Electric	0.93	48.8	2
LALE10	Southern Electric	0.9	113.2	15.9
LOVE10	Southern Electric	0.96	293.1	12.9
MANN10	Southern Electric	0.98	259.3	5.7
MELK10	Southern Electric	0.95	142.9	6.9
MITY10	Southern Electric	0.97	139.7	4.7
NHYD60	Southern Electric	0.94	89	0
NURS10	Southern Electric	0.97	175.5	2.6
TYNE50	Southern Electric	0.97	12	0
WISD60	Southern Electric	0.96	59.1	0
AYR20	SP Distribution	1	18.3	0
BAGA10	SP Distribution	0.98	24.2	0
BAIN10	SP Distribution	1	13.9	0
BERW10	SP Distribution	0.87	14.3	0
BONN20	SP Distribution	0.99	21.7	0
BRAE1	SP Distribution	0.96	13	0
BROX10	SP Distribution	1	20.7	0
CAFA10	SP Distribution	-0.99	-6.9	6.4
CATY10	SP Distribution	0.99	22	0
CHAP10	SP Distribution	0.77	18.4	0
CHAS20	SP Distribution	0.99	34.9	0
CLYM10	SP Distribution	0.99	23.2	2.8
COAT30	SP Distribution	0.99	15.4	0
COCK30	SP Distribution	0.99	16.2	0
COYL10	SP Distribution	0.08	0.7	17.4
CROO31	SP Distribution	0.92	12.8	0
CROO32	SP Distribution	0.89	7.8	0
CUMB10	SP Distribution	0.98	14.7	9.4
CUPA10	SP Distribution	0.95	26.9	0
CURR20	SP Distribution	0.95	4.2	0
DEVM10	SP Distribution	0.97	19.1	0
DEVO10	SP Distribution	0.99	27.3	0
DEWP30	SP Distribution	0.97	39.6	0
DRCR30	SP Distribution	0.89	4.8	0

DRUM30	SP Distribution	1	25.6	0
DUMF31	SP Distribution	1	16.3	0
DUMF32	SP Distribution	0.85	10.8	0
DUMF50	SP Distribution	0.95	5.6	0
DUNB30	SP Distribution	0.88	21.6	0
DUNF30	SP Distribution	0.99	13.5	0
EAST50	SP Distribution	-0.99	-7.2	7
ECCL30	SP Distribution	1	10.5	0
EERH30	SP Distribution	1	25.7	0
EKIL30	SP Distribution	1	23.2	0
EKIS30	SP Distribution	0.96	19.8	3.1
ELDE10	SP Distribution	1	11.2	0
ERSK30	SP Distribution	0.99	9.9	0
GALA30	SP Distribution	0.73	5.2	8.9
GIFF30	SP Distribution	1	19.4	0
GLLE50	SP Distribution	0.95	0.6	0
GLLU30	SP Distribution	0.62	4.4	6.9
GLNI30	SP Distribution	0.98	8.2	0
GLRO30	SP Distribution	0.95	19.7	0
GORG30	SP Distribution	0.98	13.6	0
GOVA30	SP Distribution	0.97	14.1	0
GRMO3	SP Distribution	0.96	13.8	3.4
GRMO30	SP Distribution	0.97	18	0
HAGR3	SP Distribution	0.98	11.7	0
HAWI30	SP Distribution	0.97	8	0
HELE30	SP Distribution	0.99	6.7	0
HUNF30	SP Distribution	0.84	1.9	0
INKE30	SP Distribution	0.97	20.8	0
JOHN30	SP Distribution	0.98	14.4	0
KAIM30	SP Distribution	0.95	19.3	11.3
KEOO50	SP Distribution	1	0.1	0
KIER30	SP Distribution	0.95	26.8	1.7
KILB30	SP Distribution	0.98	10.7	0
KILB50	SP Distribution	0.74	3	0
KILS30	SP Distribution	0.97	9.1	1.7
KILT30	SP Distribution	0.95	44.4	0
KILW30	SP Distribution	0.03	0.1	14.7
LEVE30	SP Distribution	0.87	14.7	0
LING30	SP Distribution	0.98	25.9	0
LINM30	SP Distribution	0.71	10.6	9.8

MAYB30	SP Distribution	1	4.9	2.5
NEAR30	SP Distribution	0.99	29.3	3.4
NETS30	SP Distribution	0.81	4.5	0
PAIS3	SP Distribution	0.99	20.7	0
PART30	SP Distribution	0.85	17	0
POOB30	SP Distribution	0.97	32.2	0
PORD30	SP Distribution	0.97	34.2	0
RAVE30	SP Distribution	1	21.3	0
REDH30	SP Distribution	0.95	15.4	0
SACO3A	SP Distribution	1	1.2	20.8
SACO3B	SP Distribution	0.97	2.7	0
SANX30	SP Distribution	0.95	15.1	0
SHRU30	SP Distribution	0.99	21.1	0
SIGH30	SP Distribution	0.79	43.3	0
SPAV30	SP Distribution	0.99	24	0
STHA30	SP Distribution	0.81	18.2	0
STIR30	SP Distribution	0.95	30	0
STLE30	SP Distribution	0.98	1.1	0
TELR30	SP Distribution	1	11.9	0
TONG50	SP Distribution	0.88	10.4	0
WFIE30	SP Distribution	0.91	6.2	9.3
WGEO30	SP Distribution	0.86	28.2	0
WHHO30	SP Distribution	0.97	21.7	0
WISH10	SP Distribution	1	23.8	0
COCK30	SP Generation	0.86	13	0
BIRK10	SP MANWEB	0.86	94	30
CAPE10	SP MANWEB	0.98	109	55
CARR10	SP MANWEB	0.99	36	114
CASK10	SP MANWEB	0.84	420	511
CELL10	SP MANWEB	1	51	2
CONQ10	SP MANWEB	1	161	64
FIDF13	SP MANWEB	0.98	57	19
FROD10	SP MANWEB	0.98	42	17
IMPP30	SP MANWEB	0.95	2	0
INCE10	SP MANWEB	0.95	71	34
KIBY10	SP MANWEB	0.98	121	12
LEGA10	SP MANWEB	0.95	151	40
LISD10	SP MANWEB	0.85	122	6
PENT10	SP MANWEB	1	53	12
RAIN10	SP MANWEB	0.96	158	18

SHOT10	SP MANWEB	0.82	70	196
SWAN11	SP MANWEB	0.87	8.7	6
SWAN12	SP MANWEB	0.87	10.2	7
TRAW10	SP MANWEB	0.94	30	14
WYLF10	SP MANWEB	0.96	27	25
FERR11	SSE Generation Ltd	1	4	0
FERR12	SSE Generation Ltd	1	4	0
ABTH11	SWALEC (Infralec)	0.96	51.7	1.1
ABTH12	SWALEC (Infralec)	0.96	51.7	1.1
ALST30	SWALEC (Infralec)	0.8	0.9	0
CARE10	SWALEC (Infralec)	0.96	92.6	1.9
GRAN60	SWALEC (Infralec)	0.87	57	5
PEMB10	SWALEC (Infralec)	1	135	0
PYLE10	SWALEC (Infralec)	1	97	4
RASS10	SWALEC (Infralec)	0.97	75	10
SWAN11	SWALEC (Infralec)	1	85.1	7.8
SWAN12	SWALEC (Infralec)	1	99.9	9.2
UPPB10	SWALEC (Infralec)	0.96	107	1
UPPB30	SWALEC (Infralec)	0.98	32	3
USKM10	SWALEC (Infralec)	0.99	146	1
MEAD10	UPM KYMMENE	1	0	0
ABHA11	WPD(formerly SWEB)	-0.99	42.5	0
ABHA12	WPD(formerly SWEB)	-0.99	43.5	0
ALVE10	WPD(formerly SWEB)	-0.78	71	0
AXMI10	WPD(formerly SWEB)	1	62	0
BRWA10	WPD(formerly SWEB)	0.99	92	0
EXET10	WPD(formerly SWEB)	-0.99	104	0
INDQ10	WPD(formerly SWEB)	-0.96	150	0
IROA11	WPD(formerly SWEB)	-0.81	72.9	0
IROA12	WPD(formerly SWEB)	-0.81	91.1	0
LAND10	WPD(formerly SWEB)	-0.91	88	0
MELK10	WPD(formerly SWEB)	-0.97	60	0
SEAB11	WPD(formerly SWEB)	-0.99	128	0
TAUN10	WPD(formerly SWEB)	0.99	42	0
BRAW11	Yorkshire Electricity	0.93	67	0
BRAW12	Yorkshire Electricity	0.94	76	8.6
CAML60	Yorkshire Electricity	0.98	11	0
CREB11	Yorkshire Electricity	0.94	76	2.5
CREB12	Yorkshire Electricity	0.93	88	5.4
DRAX11	Yorkshire Electricity	0.89	13.5	0

DRAX12	Yorkshire Electricity	0.89	13.5	0
ELLA11	Yorkshire Electricity	0.96	53	5.2
ELLA12	Yorkshire Electricity	0.95	53	4.6
FERR11	Yorkshire Electricity	0.95	54	7.3
FERR12	Yorkshire Electricity	0.95	60	0
FERR60	Yorkshire Electricity	0.94	22	10.3
GRIW10	Yorkshire Electricity	0.93	60	25
JORD30	Yorkshire Electricity	0.97	19	0
KEAD10	Yorkshire Electricity	0.89	221	23.6
KIRK10	Yorkshire Electricity	0.95	109	1.1
NEEP30	Yorkshire Electricity	0.96	32	0
NORL30	Yorkshire Electricity	0.99	19	0
PITS31	Yorkshire Electricity	0.91	20	0
PITS32	Yorkshire Electricity	0.8	3	0
SAEN10	Yorkshire Electricity	0.95	20	7.9
SHEC30	Yorkshire Electricity	0.94	42	0
SKLG10	Yorkshire Electricity	0.88	233	2.7
THOM60	Yorkshire Electricity	0.88	46.7	5.8
THUR60	Yorkshire Electricity	0.96	60	0.9
WIBA30	Yorkshire Electricity	0.87	10	0.3
WMEL11	Yorkshire Electricity	0.88	93.3	11.6
WMEL12	Yorkshire Electricity	0.88	149	5.6
WMEL13	Yorkshire Electricity	1	141	5

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Table E.2.5 - GSP Summer Minimum Demand (MW), Generation (MW) and Power Factor, 2013/14

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
LYNE70	Alcan	1	325	0
WYLF10	Anglesey Aluminium	0.98	288	0
TEMP30	BOC	0.98	25.5	0
DUNG20	British Energy	0.79	14	0
EGGB41	British Energy	0.78	15	0
HEYS10	British Energy	0.8	61	0
HINP21	British Energy	0.76	12	0
HINP22	British Energy	0.76	12	0
SIZE40	British Energy	0.89	4	0
TREM30	Celsa	0.85	95	0
BESW10	Central Networks East (EMEB)	0.97	138	1.5
BICF10	Central Networks East (EMEB)	0.96	1.6	58.7
CHTE10	Central Networks East (EMEB)	0.92	192.5	9
COVE10	Central Networks East (EMEB)	0.96	222.6	7.8
DRAK10	Central Networks East (EMEB)	0.96	35.4	2.4
ECLA10	Central Networks East (EMEB)	0.9	181.4	2.9
ENDE10	Central Networks East (EMEB)	0.98	194.1	4.7
GREN10	Central Networks East (EMEB)	0.88	261.8	21.8
HAMH12	Central Networks East (EMEB)	0.96	0	0
LEAM10	Central Networks East (EMEB)	0.96	44.3	1
RATS10	Central Networks East (EMEB)	0.96	215	0.7
SBAR40	Central Networks East (EMEB)	0.96	22.1	0
STYC10	Central Networks East (EMEB)	0.97	64.4	3.3
WALP10	Central Networks East (EMEB)	0.91	115.5	1.8
WBUR10	Central Networks East (EMEB)	0.93	77.9	1.3
WILL10	Central Networks East (EMEB)	0.96	250.5	1.3
BISW10	Central Networks West (Aquila)	0.96	171.8	0
BUSH10	Central Networks West (Aquila)	0.97	67.4	4.2
BUST10	Central Networks West (Aquila)	0.96	134.3	0
CELL10	Central Networks West (Aquila)	0.81	193.2	33.8

ECLA10	Central Networks West (Aquila)	0.96	27.4	0
FECK60	Central Networks West (Aquila)	0.96	130	2
GLOU10	Central Networks West (Aquila)	0.96	227.5	1
HAMH11	Central Networks West (Aquila)	0.96	0	0
HAMH12	Central Networks West (Aquila)	0.96	0	0
IROA11	Central Networks West (Aquila)	0.96	43.1	1
IRSH40	Central Networks West (Aquila)	0.96	130.4	0
KITW10	Central Networks West (Aquila)	0.96	148.5	0
LEAM10	Central Networks West (Aquila)	0.96	176.1	3
NECH10	Central Networks West (Aquila)	0.78	138.6	23.5
OCKH10	Central Networks West (Aquila)	0.96	41.8	0
OLDB10	Central Networks West (Aquila)	0.96	32.6	1
PENN10	Central Networks West (Aquila)	0.96	95.5	4.2
RUGE10	Central Networks West (Aquila)	0.96	70.1	4
WIEN10	Central Networks West (Aquila)	0.96	45.3	0
GREN10	Corby Power Ltd	1	0	0
ALDW31	CORUS	0.74	8	0
ALDW32	CORUS	1	0	0
GRT060	CORUS	0.8	8	0
RAVE30	CORUS	0.8	1	0
STSB60	CORUS	0.95	0	0
TEMP30	CORUS	0.74	1	0
TINP32	CORUS	0.7	2	0
TODP60	CORUS	0.8	-13	88
WHSO31	CORUS	0.91	29.9	0
WHSO32	CORUS	0.91	29.9	0
WILL10	Derwent	1	0	0
DRAX11	Drax Power Limited	0.9	8	0
DRAX12	Drax Power Limited	0.9	36	0
COTT40	E.ON (UK) plc (Powergen)	0.34	10	0
DEES4	E.ON (UK) plc (Powergen)	1	0	0
GRAI40	E.ON (UK) plc (Powergen)	0.81	18	0
IRON10	E.ON (UK) plc (Powergen)	0.83	3	0
KINO10	E.ON (UK) plc (Powergen)	0.8	10	0
RATS10	E.ON (UK) plc (Powergen)	0.77	14.9	0
AMEM10	Eastern Power Networks	0.91	31.6	0
BARK10	Eastern Power Networks	0.95	60.6	0
BARW30	Eastern Power Networks	0.94	27.2	0
BRFO10	Eastern Power Networks	0.95	276.6	95
BRIM10	Eastern Power Networks	0.95	90.7	0

BARRA10	Eastern Power Networks	0.89	241.6	0
BURW10	Eastern Power Networks	0.93	110.2	0
EASO10	Eastern Power Networks	0.96	40.7	20.4
ELRH10	Eastern Power Networks	0.89	168.6	0
ELST10	Eastern Power Networks	0.96	41.8	0
ELWS10	Eastern Power Networks	0.94	114.1	0
GREN10	Eastern Power Networks	0.96	68.6	0.2
MILH10	Eastern Power Networks	0.96	74	0
NORW10	Eastern Power Networks	0.91	206.9	20
PEWY10	Eastern Power Networks	0.96	175.4	0
SUND10	Eastern Power Networks	0.96	165.2	5
TILB11	Eastern Power Networks	0.95	15.8	4
TILB12	Eastern Power Networks	0.95	17.5	3
TILB13	Eastern Power Networks	0.95	17.5	3
TILB14	Eastern Power Networks	0.95	15.8	4
TOTT10	Eastern Power Networks	0.96	122.9	27.6
WALP10	Eastern Power Networks	0.96	199.7	41.3
WARL10	Eastern Power Networks	0.95	84.7	10
WATS12	Eastern Power Networks	0.95	62.8	0
WISD10	Eastern Power Networks	0.95	16.9	0
WTHU60	Eastern Power Networks	0.95	17.1	0
BARK10	EDF (Formerly LPN)	0.96	85.8	0
BARW30	EDF (Formerly LPN)	0.94	133.9	0
BEDD10	EDF (Formerly LPN)	0.96	65.7	0
BRIM10	EDF (Formerly LPN)	0.96	57.7	0
CITR10	EDF (Formerly LPN)	0.96	744.9	0.9
HACK10	EDF (Formerly LPN)	0.96	83	0
HACK60	EDF (Formerly LPN)	0.96	73.2	0
HURS10	EDF (Formerly LPN)	0.96	124.2	0
LITT10	EDF (Formerly LPN)	0.96	81.8	5.3
LODR60	EDF (Formerly LPN)	0.96	209.4	0
MILH10	EDF (Formerly LPN)	0.92	0	0
NEWX10	EDF (Formerly LPN)	0.96	154.4	0
NEWX60	EDF (Formerly LPN)	0.96	166.1	0
REBR30	EDF (Formerly LPN)	0.94	45.1	0
SJOW10	EDF (Formerly LPN)	0.96	35	4
WHAM10	EDF (Formerly LPN)	0.96	366.5	4
WIGP10	EDF (Formerly LPN)	0.96	252.2	0
WIMB14	EDF (Formerly LPN)	0.96	62.9	0
WISD10	EDF (Formerly LPN)	0.96	105.4	0

WISD60	EDF (Formerly LPN)	0.96	52	0
WBUR10	EdF Energy	0.72	6	0
SFEM50	Exxon Mobil	1	20.6	0
SEFI10	Fellside Heat and Power	0.94	43	0
DINO40	First Hydro	0.95	1375	0
FFES21	First Hydro	0.95	112.5	0
FFES22	First Hydro	0.95	112.5	0
BAGB20	GE Energy	0.95	20	250
HUMR40	Immingham CHP	1	0	0
GRMO30	Ineos (Innovene) Grangemouth	0.98	38.4	0
RUGE10	International Power	0.85	4	0
CULJ31	J E T	0.95	0.1	0
CULJ32	J E T	0.95	0.1	0
CULJ33	J E T	0.95	0.1	0
HARE30	MOD	0.8	10.8	0
GRAI40	National Grid	0.88	5.2	0
SFEG10	National Grid	0.97	10	0
BARK10	Network Rail	0.85	0	0
BARK40	Network Rail	0.95	1	0
BERW10	Network Rail	1	0	0
CATY1A	Network Rail	1	0	0
CATY1B	Network Rail	1	0	0
DEVM10	Network Rail	1	0	0
ECCF1A	Network Rail	1	0	0
ECCF1B	Network Rail	1	0	0
ELST4A	Network Rail	1	0.6	0
ELST4B	Network Rail	1	0.6	0
ELVA20	Network Rail	1	0	0
HARK40	Network Rail	1	0	0
INWI1A	Network Rail	1	0	0
INWI1B	Network Rail	1	0	0
LEIB4A	Network Rail	1	0	0
LEIB4B	Network Rail	1	0	0
PAFB4A	Network Rail	1	0	0
PAFB4B	Network Rail	1	0	0
POOB2A	Network Rail	1	0.5	0
POOB2B	Network Rail	1	0.5	0
POPP20	Network Rail	1	0	0
RUGE40	Network Rail	1	0	0
SACO1A	Network Rail	1	0	0

SACO1B	Network Rail	1	0	0
SANX1A	Network Rail	1	1	0
SANX1B	Network Rail	1	1	0
SELL30	Network Rail	0.99	1	0
SING40	Network Rail	0.99	1	0
STLE10	Network Rail	1	1	0
WALP11	Network Rail	1	1	0
WISH20	Network Rail	1	0	0
ALCA1A	Northern Electric	0.86	108	0
ALCA1B	Northern Electric	0.86	108	0
BLYT60	Northern Electric	0.99	57	6.2
FERR11	Northern Electric	0.97	0	1
FERR12	Northern Electric	0.97	0	1
FOUR70	Northern Electric	1	6	0
HARM60	Northern Electric	0.97	27	5
HAWP60	Northern Electric	0.97	33	3.5
KNAR10	Northern Electric	0.97	65	0
LACK60	Northern Electric	0.99	144	0
NORT11	Northern Electric	0.97	87.9	10.6
NORT12	Northern Electric	0.97	87.9	10.6
OFFE30	Northern Electric	0.97	25	0
OSBA10	Northern Electric	0.98	110	1.5
POPP30	Northern Electric	0.98	15	3.7
SALH10	Northern Electric	0.97	21	46.1
SPEN10	Northern Electric	0.89	75	8
SSHI30	Northern Electric	0.98	15	0
STEN11	Northern Electric	0.96	42.8	1.9
STEN12	Northern Electric	0.96	42.8	1.9
STES10	Northern Electric	0.94	98	5.3
TYNE10	Northern Electric	0.97	85	2
WBOL60	Northern Electric	1	89	0
BRED10	NORWEB (UU)	0.99	122.6	0
CARR10	NORWEB (UU)	0.94	104.8	20
HARK11	NORWEB (UU)	0.88	59.5	224.5
HARK12	NORWEB (UU)	0.88	65.7	134.4
HEYS10	NORWEB (UU)	0.99	36.9	315.7
HUTT10	NORWEB (UU)	0.97	91.6	34.1
KEAR11	NORWEB (UU)	0.96	114	0
KEAR12	NORWEB (UU)	0.96	87.9	0
KEAR30	NORWEB (UU)	0.98	31.7	8

MACC30	NORWEB (UU)	0.95	24.4	9
PADI10	NORWEB (UU)	0.93	63.4	0
PENE11	NORWEB (UU)	0.98	56.7	0
PENE12	NORWEB (UU)	0.98	33	0
PENW11	NORWEB (UU)	0.96	23.7	6.1
PENW12	NORWEB (UU)	0.96	23.7	0
RAIN10	NORWEB (UU)	0.97	25.6	0
ROCH11	NORWEB (UU)	0.85	80.8	9.3
ROCH12	NORWEB (UU)	0.85	40.8	60
SMAN10	NORWEB (UU)	0.96	142.7	19
STAH10	NORWEB (UU)	0.96	108.1	12.1
STAL10	NORWEB (UU)	0.97	147.9	0
WASF1A	NORWEB (UU)	0.98	28.4	4
WASF1B	NORWEB (UU)	0.98	28.4	4
WHGA10	NORWEB (UU)	1	109.6	3.6
CHAP10	Nuclear Decommisssioning Authority	0.89	0	0
DUNG20	Nuclear Decommisssioning Authority	0.89	4	0
HINP20	Nuclear Decommisssioning Authority	0.89	1	0
OLDS11	Nuclear Decommisssioning Authority	0.85	5	0
SIZE10	Nuclear Decommisssioning Authority	0.89	4	0
TRAW20	Nuclear Decommisssioning Authority	0.89	0.5	0
WYLF10	Nuclear Decommisssioning Authority	0.9	10	0
ABTH11	RWE Npower plc (Innogy)	0.81	44	0
ABTH12	RWE Npower plc (Innogy)	0.81	44	0
BLYT60	RWE Npower plc (Innogy)	0.85	0	0
DRAY10	RWE Npower plc (Innogy)	0.85	10	0
FAWL40	RWE Npower plc (Innogy)	0.65	2	0
LITT10	RWE Npower plc (Innogy)	0.88	3	0
TILB11	RWE Npower plc (Innogy)	0.85	2	0
SAES20	Saltend	0.96	100	0
BEDD10	SEEBOARD Power Networks	0.96	199.4	0
BOLN11	SEEBOARD Power Networks	0.93	175	0
BOLN12	SEEBOARD Power Networks	0.93	152	0
CHSI10	SEEBOARD Power Networks	0.93	79	0
CHSI1A	SEEBOARD Power Networks	0.93	25	0

CHSI1B	SEEBOARD Power Networks	0.93	25	0
CSEK40	SEEBOARD Power Networks	0.93	355	0
KEMS13	SEEBOARD Power Networks	0.93	5	0
KINO10	SEEBOARD Power Networks	0.93	68	35
LALE10	SEEBOARD Power Networks	0.93	28	0
LITT10	SEEBOARD Power Networks	0.96	30	0
NFLE10	SEEBOARD Power Networks	0.96	168.6	38.5
NINF10	SEEBOARD Power Networks	0.96	128.7	0
WWEY10	SEEBOARD Power Networks	0.96	160.5	0
GRST60	Sembcorp (Formerly ICI)	0.75	50	105
MOSM50	SHELL	1	13	0
ABNE30	SHEPD	-1	13.6	1.2
ALNE30	SHEPD	-1	9.6	0
ARBR30	SHEPD	1	12.5	0
ARMO30	SHEPD	-0.92	11.6	0
BEAU30	SHEPD	-1	19.1	0.6
BOAG30	SHEPD	0.99	14	0.3
BRAC30	SHEPD	0.96	13.6	0.4
BRID30	SHEPD	0.99	11.8	0
BROA30	SHEPD	0.99	4.3	0.6
BROR30	SHEPD	0.99	3.5	0
BUMU30	SHEPD	0.99	17.5	0.1
CAAD30	SHEPD	-1	8.3	0
CASS50	SHEPD	-1	0.8	0
CEAN50	SHEPD	-1	1.1	0.4
CHAR30	SHEPD	0.98	12.5	0
CLAC30	SHEPD	0.88	1	0.4
CLAY30	SHEPD	0.99	16.5	0
COUA30	SHEPD	0.94	10.3	0
CRAI30	SHEPD	0.99	10.9	0
DOUN50	SHEPD	0.99	5	0
DUBE30	SHEPD	-0.99	-3.7	0
DUDH30	SHEPD	0.95	13.1	0
DUGR30	SHEPD	0.96	2.5	0.8
DUNO30	SHEPD	-0.99	3.1	2.4
DYCE30	SHEPD	0.98	14.4	0
ELGI30	SHEPD	0.98	20	0
FASN30	SHEPD	0.47	0.3	0
FAUG30	SHEPD	0.92	0.4	0.3
FIDD30	SHEPD	0.97	7.2	0

FRAS30	SHEPD	0.96	8.9	0
FWIL30	SHEPD	0.99	42.5	0.8
GLAG30	SHEPD	0.97	7.8	0.9
GRUB30	SHEPD	0.93	3.5	1.3
INNE30	SHEPD	0.99	24.1	2.9
KEIT30	SHEPD	0.72	13	0
KEMD30	SHEPD	1	35.5	0
KIIN30	SHEPD	1	-0.7	0
KILO30	SHEPD	0.27	1	0
KINT30	SHEPD	0.91	13.5	0
LAIR50	SHEPD	0.96	0.7	0
LUNA30	SHEPD	0.95	12.9	0.7
LYND30	SHEPD	1	11.6	0
MACD30	SHEPD	0.25	1.7	0
MILC30	SHEPD	-1	17.7	3.1
MYBS30	SHEPD	1	-6.4	0
NAIR30	SHEPD	0.96	13.2	0
PEHG30	SHEPD	0.98	9.2	0
PEHS50	SHEPD	1	5.2	0
PERS30	SHEPD	-1	54.3	1.2
PORA30	SHEPD	-1	6	0.5
RANN30	SHEPD	0.99	0.5	0
REDM30	SHEPD	0.99	12.5	0
SFEG50	SHEPD	0.97	7.7	0
SFIL30	SHEPD	0.94	0.6	0
SHIN50	SHEPD	0.98	0.7	0
SLOY11	SHEPD	0.96	1.2	0
STLE30	SHEPD	0.96	6.7	1.5
STRI30	SHEPD	0.97	3.5	0
TARL30	SHEPD	0.99	5.8	0
TAYN30	SHEPD	0.98	7.5	3.3
THSO30	SHEPD	-0.98	14.1	1.6
TUMB30	SHEPD	0.9	4.1	0.7
WIOW30	SHEPD	0.99	14.7	0
WOHI30	SHEPD	0.98	15	0
AMEM10	Southern Electric	0.99	34.7	0
AXMI10	Southern Electric	0.95	37.2	2.3
BOTW10	Southern Electric	0.97	58.8	2.4
BRFL40	Southern Electric	0.94	550.3	15.4
BRLE13	Southern Electric	0.93	44.9	0

BRLE14	Southern Electric	0.93	44.9	0
CHIC10	Southern Electric	0.98	36.8	2.9
COWL10	Southern Electric	0.96	262.7	1.7
EALI60	Southern Electric	0.92	95.9	1.8
FAWL10	Southern Electric	0.85	207.9	109
IVER10	Southern Electric	0.98	164.9	15.9
IVER60	Southern Electric	0.93	49.3	2
LALE10	Southern Electric	0.9	113.6	15.9
LOVE10	Southern Electric	0.96	295.1	12.9
MANN10	Southern Electric	0.98	260.7	5.7
MELK10	Southern Electric	0.95	143.4	6.9
MITY10	Southern Electric	0.97	140.9	4.7
NHYD60	Southern Electric	0.94	89.5	0
NURS10	Southern Electric	0.97	177	2.6
TYNE50	Southern Electric	0.97	12	0
WISD60	Southern Electric	0.96	59.6	0
AYR20	SP Distribution	1	18.4	0
BAGA10	SP Distribution	0.98	24.4	0
BAIN10	SP Distribution	1	14	0
BERW10	SP Distribution	0.87	14.4	0
BONN20	SP Distribution	0.99	21.9	0
BRAE1	SP Distribution	0.96	13.1	0
BROX10	SP Distribution	1	20.8	0
CAFA10	SP Distribution	-0.99	-6.9	6.4
CATY10	SP Distribution	0.99	22.2	0
CHAP10	SP Distribution	0.77	18.5	0
CHAS20	SP Distribution	0.99	35.1	0
CLYM10	SP Distribution	0.99	23.3	2.8
COAT30	SP Distribution	0.99	15.5	0
COCK30	SP Distribution	0.99	16.2	0
COYL10	SP Distribution	0.08	0.7	17.4
CROO31	SP Distribution	0.92	12.8	0
CROO32	SP Distribution	0.89	7.8	0
CUMB10	SP Distribution	0.98	14.8	9.4
CUPA10	SP Distribution	0.95	27	0
CURR20	SP Distribution	0.95	4.2	0
DEVM10	SP Distribution	0.97	19.2	0
DEVO10	SP Distribution	0.99	27.5	0
DEWP30	SP Distribution	0.97	39.8	0
DRCR30	SP Distribution	0.89	4.9	0

DRUM30	SP Distribution	1	25.7	0
DUMF31	SP Distribution	1	16.4	0
DUMF32	SP Distribution	0.85	10.9	0
DUMF50	SP Distribution	0.95	5.7	0
DUNB30	SP Distribution	0.88	21.8	0
DUNF30	SP Distribution	0.99	13.6	0
EAST50	SP Distribution	-0.99	-7.2	7
ECCL30	SP Distribution	1	10.6	0
EERH30	SP Distribution	1	25.9	0
EKIL30	SP Distribution	1	23.3	0
EKIS30	SP Distribution	0.96	19.9	3.1
ELDE10	SP Distribution	1	11.2	0
ERSK30	SP Distribution	0.99	10	0
GALA30	SP Distribution	0.73	5.2	8.9
GIFF30	SP Distribution	1	19.5	0
GLLE50	SP Distribution	0.95	0.6	0
GLLU30	SP Distribution	0.62	4.4	6.9
GLNI30	SP Distribution	0.98	8.2	0
GLRO30	SP Distribution	0.95	19.8	0
GORG30	SP Distribution	0.98	13.7	0
GOVA30	SP Distribution	0.97	14.2	0
GRMO3	SP Distribution	0.96	13.9	3.4
GRMO30	SP Distribution	0.97	18.1	0
HAGR3	SP Distribution	0.98	11.8	0
HAWI30	SP Distribution	0.97	8.1	0
HELE30	SP Distribution	0.99	6.8	0
HUNF30	SP Distribution	0.84	1.9	0
INKE30	SP Distribution	0.97	21	0
JOHN30	SP Distribution	0.98	14.5	0
KAIM30	SP Distribution	0.95	19.4	11.3
KEOO50	SP Distribution	1	0.1	0
KIER30	SP Distribution	0.95	27	1.7
KILB30	SP Distribution	0.98	10.8	0
KILB50	SP Distribution	0.74	3	0
KILS30	SP Distribution	0.97	9.1	1.7
KILT30	SP Distribution	0.95	44.7	0
KILW30	SP Distribution	0.03	0.1	14.7
LEVE30	SP Distribution	0.87	14.8	0
LING30	SP Distribution	0.98	26.1	0
LINM30	SP Distribution	0.71	10.6	9.8

MAYB30	SP Distribution	1	4.9	2.5
NEAR30	SP Distribution	0.99	29.5	3.4
NETS30	SP Distribution	0.81	4.5	0
PAIS3	SP Distribution	0.99	209	0
PART30	SP Distribution	0.85	17.1	0
POOB30	SP Distribution	0.97	32.4	0
PORD30	SP Distribution	0.97	34.4	0
RAVE30	SP Distribution	1	21.4	0
REDH30	SP Distribution	0.95	15.5	0
SACO3A	SP Distribution	1	1.2	20.8
SACO3B	SP Distribution	0.97	2.7	0
SANX30	SP Distribution	0.95	15.2	0
SHRU30	SP Distribution	0.99	21.2	0
SIGH30	SP Distribution	0.79	43.5	0
SPAV30	SP Distribution	0.99	24.1	0
STHA30	SP Distribution	0.81	18.3	0
STIR30	SP Distribution	0.95	30.2	0
STLE30	SP Distribution	0.98	17.2	0
TELR30	SP Distribution	1	11.9	0
TONG50	SP Distribution	0.88	10.4	0
WFIE30	SP Distribution	0.91	6.2	9.3
WGEO30	SP Distribution	0.86	28.4	0
WHHO30	SP Distribution	0.97	21.8	0
WISH10	SP Distribution	1	24	0
COCK30	SP Generation	0.86	13	0
BIRK10	SP MANWEB	0.86	95	30
CAPE10	SP MANWEB	0.98	110	55
CARR10	SP MANWEB	0.99	36	114
CASK10	SP MANWEB	0.84	420	511
CELL10	SP MANWEB	1	52	2
CONQ10	SP MANWEB	1	163	64
FIDF13	SP MANWEB	0.98	58	19
FROD10	SP MANWEB	0.98	43	17
IMPP30	SP MANWEB	0.95	2	0
INCE10	SP MANWEB	0.95	71	34
KIBY10	SP MANWEB	0.98	122	12
LEGA10	SP MANWEB	0.95	153	40
LISD10	SP MANWEB	0.85	123	6
PENT10	SP MANWEB	1	54	12
RAIN10	SP MANWEB	0.96	160	18

SHOT10	SP MANWEB	0.82	70	196
SWAN11	SP MANWEB	0.87	9	6
SWAN12	SP MANWEB	0.87	10.6	7
TRAW10	SP MANWEB	0.94	30	14
WYLF10	SP MANWEB	0.96	28	25
FERR11	SSE Generation Ltd	1	4	0
FERR12	SSE Generation Ltd	1	4	0
ABTH11	SWALEC (Infralec)	0.96	52.2	1.1
ABTH12	SWALEC (Infralec)	0.96	52.2	1.1
ALST30	SWALEC (Infralec)	0.8	0.9	0
CARE10	SWALEC (Infralec)	0.96	93.6	1.9
GRAN60	SWALEC (Infralec)	0.87	57	5
PEMB10	SWALEC (Infralec)	1	136	0
PYLE10	SWALEC (Infralec)	1	98	4
RASS10	SWALEC (Infralec)	0.97	76	10
SWAN11	SWALEC (Infralec)	1	86	7.8
SWAN12	SWALEC (Infralec)	1	101	9.2
UPPB10	SWALEC (Infralec)	0.96	108	1
UPPB30	SWALEC (Infralec)	0.98	33	3
USKM10	SWALEC (Infralec)	0.99	149	1
MEAD10	UPM KYMMENE	1	0	0
ABHA11	WPD(formerly SWEB)	-0.99	43	0
ABHA12	WPD(formerly SWEB)	-0.99	44	0
ALVE10	WPD(formerly SWEB)	-0.78	72	0
AXMI10	WPD(formerly SWEB)	1	62	0
BRWA10	WPD(formerly SWEB)	0.99	93	0
EXET10	WPD(formerly SWEB)	-0.99	106	0
INDQ10	WPD(formerly SWEB)	-0.96	151	0
IROA11	WPD(formerly SWEB)	-0.81	73.8	0
IROA12	WPD(formerly SWEB)	-0.81	92.2	0
LAND10	WPD(formerly SWEB)	-0.91	89	0
MELK10	WPD(formerly SWEB)	-0.97	60	0
SEAB11	WPD(formerly SWEB)	-0.99	130	0
TAUN10	WPD(formerly SWEB)	0.99	42	0
BRAW11	Yorkshire Electricity	0.93	67	0
BRAW12	Yorkshire Electricity	0.94	76	8.6
CAML60	Yorkshire Electricity	0.98	11	0
CREB11	Yorkshire Electricity	0.94	77	2.5
CREB12	Yorkshire Electricity	0.93	88	5.4
DRAX11	Yorkshire Electricity	0.89	13.5	0

DRAX12	Yorkshire Electricity	0.89	13.5	0
ELLA11	Yorkshire Electricity	0.96	53	5.2
ELLA12	Yorkshire Electricity	0.95	53	4.6
FERR11	Yorkshire Electricity	0.95	54	7.3
FERR12	Yorkshire Electricity	0.95	60	0
FERR60	Yorkshire Electricity	0.94	22	10.3
GRIW10	Yorkshire Electricity	0.93	60	25
JORD30	Yorkshire Electricity	0.97	19	0
KEAD10	Yorkshire Electricity	0.89	221	23.6
KIRK10	Yorkshire Electricity	0.95	110	1.1
NEEP30	Yorkshire Electricity	0.96	32	0
NORL30	Yorkshire Electricity	0.99	19	0
PITS31	Yorkshire Electricity	0.91	21	0
PITS32	Yorkshire Electricity	0.8	3	0
SAEN10	Yorkshire Electricity	0.95	20	7.9
SHEC30	Yorkshire Electricity	0.94	43	0
SKLG10	Yorkshire Electricity	0.88	235	2.7
THOM60	Yorkshire Electricity	0.88	47	5.8
THUR60	Yorkshire Electricity	0.96	60	0.9
WIBA30	Yorkshire Electricity	0.87	10	0.3
WMEL11	Yorkshire Electricity	0.88	94	11.6
WMEL12	Yorkshire Electricity	0.88	149	5.6
WMEL13	Yorkshire Electricity	1	142	5

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Table E.2.6 - GSP Summer Minimum Demand (MW), Generation (MW) and Power Factor, 2014/15

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
LYNE70	Alcan	1	325	0
WYLF10	Anglesey Aluminium	0.98	288	0
TEMP30	BOC	0.98	26	0
DUNG20	British Energy	0.79	14	0
EGGB41	British Energy	0.78	15	0
HEYS10	British Energy	0.8	61	0
HINP21	British Energy	0.76	12	0
HINP22	British Energy	0.76	12	0
SIZE40	British Energy	0.89	4	0
TREM30	Celsa	0.85	95	0
BESW10	Central Networks East (EMEB)	0.97	139	1.5
BICF10	Central Networks East (EMEB)	0.96	2	58.7
CHTE10	Central Networks East (EMEB)	0.92	193.9	9
COVE10	Central Networks East (EMEB)	0.96	224	7.8
DRAK10	Central Networks East (EMEB)	0.96	36	2.4
ECLA10	Central Networks East (EMEB)	0.9	188	2.9
ENDE10	Central Networks East (EMEB)	0.98	196	4.7
GREN10	Central Networks East (EMEB)	0.88	269.5	21.8
HAMH12	Central Networks East (EMEB)	0.96	0	0
LEAM10	Central Networks East (EMEB)	0.96	44	1
RATS10	Central Networks East (EMEB)	0.96	217	0.7
SBAR40	Central Networks East (EMEB)	0.96	22	0
STYC10	Central Networks East (EMEB)	0.97	65	3.3
WALP10	Central Networks East (EMEB)	0.91	116.3	1.8
WBUR10	Central Networks East (EMEB)	0.93	78	1.3
WILL10	Central Networks East (EMEB)	0.96	252	1.3
BISW10	Central Networks West (Aquila)	0.96	173	0
BUSH10	Central Networks West (Aquila)	0.97	68	4.2
BUST10	Central Networks West (Aquila)	0.96	135	0
CELL10	Central Networks West (Aquila)	0.81	194.5	33.8

ECLA10	Central Networks West (Aquila)	0.96	27.6	0
FECK60	Central Networks West (Aquila)	0.96	131	2
GLOU10	Central Networks West (Aquila)	0.96	229.1	1
HAMH11	Central Networks West (Aquila)	0.96	0	0
HAMH12	Central Networks West (Aquila)	0.96	0	0
IROA11	Central Networks West (Aquila)	0.96	51	1
IRSH40	Central Networks West (Aquila)	0.96	131	0
KITW10	Central Networks West (Aquila)	0.96	150	0
LEAM10	Central Networks West (Aquila)	0.96	177	3
NECH10	Central Networks West (Aquila)	0.78	139.6	23.5
OCKH10	Central Networks West (Aquila)	0.96	42	0
OLDB10	Central Networks West (Aquila)	0.96	33	1
PENN10	Central Networks West (Aquila)	0.96	96	4.2
RUGE10	Central Networks West (Aquila)	0.96	71	4
WIEN10	Central Networks West (Aquila)	0.96	46	0
GREN10	Corby Power Ltd	1	0	0
ALDW31	CORUS	0.74	8	0
ALDW32	CORUS	1	0	0
GRT060	CORUS	0.8	8	0
RAVE30	CORUS	0.8	1	0
STSB60	CORUS	0.95	0	0
TEMP30	CORUS	0.74	1	0
TINP32	CORUS	0.7	2	0
TODP60	CORUS	0.8	-13	88
WHSO31	CORUS	0.91	30	0
WHSO32	CORUS	0.91	30	0
WILL10	Derwent	1	0	0
DRAX11	Drax Power Limited	0.9	8	0
DRAX12	Drax Power Limited	0.9	36	0
COTT40	E.ON (UK) plc (Powergen)	0.34	10	0
DEES4	E.ON (UK) plc (Powergen)	1	0	0
GRAI40	E.ON (UK) plc (Powergen)	0.81	0	0
IRON10	E.ON (UK) plc (Powergen)	0.83	3	0
KINO10	E.ON (UK) plc (Powergen)	0.8	10	0
RATS10	E.ON (UK) plc (Powergen)	0.77	15	0
AMEM10	Eastern Power Networks	0.91	32	0
BARK10	Eastern Power Networks	0.95	61	0
BARW30	Eastern Power Networks	0.94	27.5	0
BRFO10	Eastern Power Networks	0.95	278	95
BRIM10	Eastern Power Networks	0.95	91	0

BARRA10	Eastern Power Networks	0.89	243	0
BURW10	Eastern Power Networks	0.93	111	0
EASO10	Eastern Power Networks	0.96	43.4	20.4
ELRH10	Eastern Power Networks	0.89	169	0
ELST10	Eastern Power Networks	0.96	42.2	0
ELWS10	Eastern Power Networks	0.94	115	0
GREN10	Eastern Power Networks	0.96	69.7	0.2
MILH10	Eastern Power Networks	0.96	75.1	0
NORW10	Eastern Power Networks	0.91	208	20
PEWY10	Eastern Power Networks	0.96	176	0
SUND10	Eastern Power Networks	0.96	171.3	5
TILB11	Eastern Power Networks	0.95	16	4
TILB12	Eastern Power Networks	0.95	18	3
TILB13	Eastern Power Networks	0.95	18	3
TILB14	Eastern Power Networks	0.95	16	4
TOTT10	Eastern Power Networks	0.96	123.6	27.6
WALP10	Eastern Power Networks	0.96	202.8	41.3
WARL10	Eastern Power Networks	0.95	85	10
WATS12	Eastern Power Networks	0.95	63	0
WISD10	Eastern Power Networks	0.95	17	0
WTHU60	Eastern Power Networks	0.95	17	0
BARK10	EDF (Formerly LPN)	0.96	86	0
BARW30	EDF (Formerly LPN)	0.94	136	0
BEDD10	EDF (Formerly LPN)	0.96	66.4	0
BRIM10	EDF (Formerly LPN)	0.96	58	0
CITR10	EDF (Formerly LPN)	0.96	723	0.9
HACK10	EDF (Formerly LPN)	0.96	84	0
HACK60	EDF (Formerly LPN)	0.96	74	0
HURS10	EDF (Formerly LPN)	0.96	125.1	0
LITT10	EDF (Formerly LPN)	0.96	82.6	5.3
LODR60	EDF (Formerly LPN)	0.96	212.3	0
MILH10	EDF (Formerly LPN)	0.92	0	0
NEWX10	EDF (Formerly LPN)	0.96	158.6	0
NEWX60	EDF (Formerly LPN)	0.96	169.1	0
REBR30	EDF (Formerly LPN)	0.94	45	0
SJOW10	EDF (Formerly LPN)	0.96	400.2	4
WHAM10	EDF (Formerly LPN)	0.96	427.9	4
WIGP10	EDF (Formerly LPN)	0.96	254	0
WIMB14	EDF (Formerly LPN)	0.96	63	0
WISD10	EDF (Formerly LPN)	0.96	106	0

WISD60	EDF (Formerly LPN)	0.96	52	0
WBUR10	EdF Energy	0.72	6	0
SFEM50	Exxon Mobil	1	21	0
SEFI10	Fellside Heat and Power	0.94	43	0
DINO40	First Hydro	0.95	1375	0
FFES21	First Hydro	0.95	112	0
FFES22	First Hydro	0.95	112	0
BAGB20	GE Energy	0.95	20	250
HUMR40	Immingham CHP	1	0	0
GRMO30	Ineos (Innovene) Grangemouth	0.98	38	0
RUGE10	International Power	0.85	4	0
CULJ31	J E T	0.95	0	0
CULJ32	J E T	0.95	0	0
CULJ33	J E T	0.95	0	0
HARE30	MOD	0.8	11	0
GRAI40	National Grid	0.88	5	0
SFEG10	National Grid	0.97	10	0
BARK10	Network Rail	0.85	0	0
BARK40	Network Rail	0.95	1	0
BERW10	Network Rail	1	0	0
CATY1A	Network Rail	1	0	0
CATY1B	Network Rail	1	0	0
DEVM10	Network Rail	1	0	0
ECCF1A	Network Rail	1	0	0
ECCF1B	Network Rail	1	0	0
ELST4A	Network Rail	1	0.5	0
ELST4B	Network Rail	1	0.5	0
ELVA20	Network Rail	1	0	0
HARK40	Network Rail	1	0	0
INWI1A	Network Rail	1	0	0
INWI1B	Network Rail	1	0	0
LEIB4A	Network Rail	1	0	0
LEIB4B	Network Rail	1	0	0
PAFB4A	Network Rail	1	0	0
PAFB4B	Network Rail	1	0	0
POOB2A	Network Rail	1	0.5	0
POOB2B	Network Rail	1	0.5	0
POPP20	Network Rail	1	0	0
RUGE40	Network Rail	1	0	0
SACO1A	Network Rail	1	0	0

SACO1B	Network Rail	1	0	0
SANX1A	Network Rail	1	1	0
SANX1B	Network Rail	1	1	0
SELL30	Network Rail	0.99	1	0
SING40	Network Rail	0.99	1	0
STLE10	Network Rail	1	1	0
WALP11	Network Rail	1	1	0
WISH20	Network Rail	1	0	0
ALCA1A	Northern Electric	0.86	108	0
ALCA1B	Northern Electric	0.86	108	0
BLYT60	Northern Electric	0.99	58	6.2
FERR11	Northern Electric	0.97	0	1
FERR12	Northern Electric	0.97	0	1
FOUR70	Northern Electric	1	6	0
HARM60	Northern Electric	0.97	27	5
HAWP60	Northern Electric	0.97	33	3.5
KNAR10	Northern Electric	0.97	66	0
LACK60	Northern Electric	0.99	145	0
NORT11	Northern Electric	0.97	89	10.6
NORT12	Northern Electric	0.97	89	10.6
OFFE30	Northern Electric	0.97	25	0
OSBA10	Northern Electric	0.98	112	1.5
POPP30	Northern Electric	0.98	16	3.7
SALH10	Northern Electric	0.97	21	46.1
SPEN10	Northern Electric	0.89	75	8
SSHI30	Northern Electric	0.98	15	0
STEN11	Northern Electric	0.96	44	1.9
STEN12	Northern Electric	0.96	44	1.9
STES10	Northern Electric	0.94	99	5.3
TYNE10	Northern Electric	0.97	86	2
WBOL60	Northern Electric	1	90	0
BRED10	NORWEB (UU)	0.99	124	0
CARR10	NORWEB (UU)	0.94	104.8	20
HARK11	NORWEB (UU)	0.88	60	224.5
HARK12	NORWEB (UU)	0.88	66	134.4
HEYS10	NORWEB (UU)	0.99	37	315.7
HUTT10	NORWEB (UU)	0.97	92	34.1
KEAR11	NORWEB (UU)	0.96	115	0
KEAR12	NORWEB (UU)	0.96	89	0
KEAR30	NORWEB (UU)	0.98	32	8

MACC30	NORWEB (UU)	0.95	25	9
PADI10	NORWEB (UU)	0.93	64	0
PENE11	NORWEB (UU)	0.98	57	0
PENE12	NORWEB (UU)	0.98	33	0
PENW11	NORWEB (UU)	0.96	24	6.1
PENW12	NORWEB (UU)	0.96	24	0
RAIN10	NORWEB (UU)	0.97	25.6	0
ROCH11	NORWEB (UU)	0.85	82	9.3
ROCH12	NORWEB (UU)	0.85	41	60
SMAN10	NORWEB (UU)	0.96	144	19
STAH10	NORWEB (UU)	0.96	109	12.1
STAL10	NORWEB (UU)	0.97	149	0
WASF1A	NORWEB (UU)	0.98	29	4
WASF1B	NORWEB (UU)	0.98	29	4
WHGA10	NORWEB (UU)	1	111	3.6
CHAP10	Nuclear Decommisssioning Authority	0.89	0	0
DUNG20	Nuclear Decommisssioning Authority	0.89	4	0
HINP20	Nuclear Decommisssioning Authority	0.89	1	0
OLDS11	Nuclear Decommisssioning Authority	0.85	5	0
SIZE10	Nuclear Decommisssioning Authority	0.89	4	0
TRAW20	Nuclear Decommisssioning Authority	0.89	0.5	0
WYLF10	Nuclear Decommisssioning Authority	0.9	10	0
ABTH11	RWE Npower plc (Innogy)	0.81	44	0
ABTH12	RWE Npower plc (Innogy)	0.81	44	0
BLYT60	RWE Npower plc (Innogy)	0.85	50	0
DRAY10	RWE Npower plc (Innogy)	0.85	10	0
FAWL40	RWE Npower plc (Innogy)	0.65	2	0
LITT10	RWE Npower plc (Innogy)	0.88	3	0
TILB11	RWE Npower plc (Innogy)	0.85	2	0
SAES20	Saltend	0.96	100	0
BEDD10	SEEBOARD Power Networks	0.96	201.2	0
BOLN11	SEEBOARD Power Networks	0.93	177	0
BOLN12	SEEBOARD Power Networks	0.93	153	0
CHSI10	SEEBOARD Power Networks	0.93	79	0
CHSI1A	SEEBOARD Power Networks	0.93	25	0

CHSI1B	SEEBOARD Power Networks	0.93	25	0
CSEK40	SEEBOARD Power Networks	0.93	357	0
KEMS13	SEEBOARD Power Networks	0.93	5	0
KINO10	SEEBOARD Power Networks	0.93	69	35
LALE10	SEEBOARD Power Networks	0.93	28	0
LITT10	SEEBOARD Power Networks	0.96	36	0
NFLE10	SEEBOARD Power Networks	0.96	171.4	38.5
NINF10	SEEBOARD Power Networks	0.96	130.1	0
WWEY10	SEEBOARD Power Networks	0.96	162.8	0
GRST60	Sembcorp (Formerly ICI)	0.75	50	105
MOSM50	SHELL	1	13	0
ABNE30	SHEPD	-1	14	1.2
ALNE30	SHEPD	-1	10	0
ARBR30	SHEPD	1	13	0
ARMO30	SHEPD	-0.92	12	0
BEAU30	SHEPD	-1	19	0.6
BOAG30	SHEPD	0.99	14	0.3
BRAC30	SHEPD	0.96	14	0.4
BRID30	SHEPD	0.99	12	0
BROA30	SHEPD	0.99	4	0.6
BROR30	SHEPD	0.99	4	0
BUMU30	SHEPD	0.99	18	0.1
CAAD30	SHEPD	-1	1	0
CASS50	SHEPD	-1	1	0
CEAN50	SHEPD	-1	1	0.4
CHAR30	SHEPD	0.98	13	0
CLAC30	SHEPD	0.88	1	0.4
CLAY30	SHEPD	0.99	17	0
COUA30	SHEPD	0.94	10	0
CRAI30	SHEPD	0.99	11	0
DOUN50	SHEPD	0.99	5	0
DUBE30	SHEPD	-0.99	-4	0
DUDH30	SHEPD	0.95	13	0
DUGR30	SHEPD	0.96	2	0.8
DUNO30	SHEPD	-0.99	3	2.4
DYCE30	SHEPD	0.98	15	0
ELGI30	SHEPD	0.98	20	0
FASN30	SHEPD	0.47	0	0
FAUG30	SHEPD	0.92	0	0.3
FIDD30	SHEPD	0.97	7	0

FRAS30	SHEPD	0.96	9	0
FWIL30	SHEPD	0.99	43	0.8
GLAG30	SHEPD	0.97	8	0.9
GRUB30	SHEPD	0.93	4	1.3
INNE30	SHEPD	0.99	24	2.9
KEIT30	SHEPD	0.72	13	0
KEMD30	SHEPD	1	35.9	0
KIIN30	SHEPD	1	-1	0
KILO30	SHEPD	0.27	1	0
KINT30	SHEPD	0.91	14	0
LAIR50	SHEPD	0.96	1	0
LUNA30	SHEPD	0.95	13	0.7
LYND30	SHEPD	1	12	0
MACD30	SHEPD	0.25	2	0
MILC30	SHEPD	-1	18	3.1
MYBS30	SHEPD	1	-6	0
NAIR30	SHEPD	0.96	13	0
PEHG30	SHEPD	0.98	9	0
PEHS50	SHEPD	1	5	0
PERS30	SHEPD	-1	55	1.2
PORA30	SHEPD	-1	6	0.5
RANN30	SHEPD	0.99	0	0
REDM30	SHEPD	0.99	13	0
SFEG50	SHEPD	0.97	8	0
SFIL30	SHEPD	0.94	1	0
SHIN50	SHEPD	0.98	1	0
SLOY11	SHEPD	0.96	1	0
STLE30	SHEPD	0.96	7	1.5
STRI30	SHEPD	0.97	4	0
TARL30	SHEPD	0.99	6	0
TAYN30	SHEPD	0.98	8	3.3
THSO30	SHEPD	-0.98	14	1.6
TUMB30	SHEPD	0.9	4	0.7
WIOW30	SHEPD	0.99	15	0
WOHI30	SHEPD	0.98	15	0
AMEM10	Southern Electric	0.99	35	0
AXMI10	Southern Electric	0.95	37	2.3
BOTW10	Southern Electric	0.97	59	2.4
BRFL40	Southern Electric	0.94	552	15.4
BRLE13	Southern Electric	0.93	45	0

BRLE14	Southern Electric	0.93	45	0
CHIC10	Southern Electric	0.98	37	2.9
COWL10	Southern Electric	0.96	264	1.7
EALI60	Southern Electric	0.92	96	1.8
FAWL10	Southern Electric	0.85	209	109
IVER10	Southern Electric	0.98	165	15.9
IVER60	Southern Electric	0.93	50	2
LALE10	Southern Electric	0.9	114	15.9
LOVE10	Southern Electric	0.96	297	12.9
MANN10	Southern Electric	0.98	261	5.7
MELK10	Southern Electric	0.95	144	6.9
MITY10	Southern Electric	0.97	141.5	4.7
NHYD60	Southern Electric	0.94	90	0
NURS10	Southern Electric	0.97	178	2.6
TYNE50	Southern Electric	0.97	12	0
WISD60	Southern Electric	0.96	60	0
AYR20	SP Distribution	1	19	0
BAGA10	SP Distribution	0.98	25	0
BAIN10	SP Distribution	1	14	0
BERW10	SP Distribution	0.87	14	0
BONN20	SP Distribution	0.99	22	0
BRAE1	SP Distribution	0.96	13	0
BROX10	SP Distribution	1	21	0
CAFA10	SP Distribution	-0.99	-7	6.4
CATY10	SP Distribution	0.99	22	0
CHAP10	SP Distribution	0.77	19	0
CHAS20	SP Distribution	0.99	35	0
CLYM10	SP Distribution	0.99	24	2.8
COAT30	SP Distribution	0.99	16	0
COCK30	SP Distribution	0.99	16.2	0
COYL10	SP Distribution	0.08	1	17.4
CROO31	SP Distribution	0.92	13	0
CROO32	SP Distribution	0.89	8	0
CUMB10	SP Distribution	0.98	15	9.4
CUPA10	SP Distribution	0.95	27	0
CURR20	SP Distribution	0.95	4	0
DEVM10	SP Distribution	0.97	19	0
DEVO10	SP Distribution	0.99	28	0
DEWP30	SP Distribution	0.97	40	0
DRCR30	SP Distribution	0.89	5	0

DRUM30	SP Distribution	1	26	0
DUMF31	SP Distribution	1	16	0
DUMF32	SP Distribution	0.85	11	0
DUMF50	SP Distribution	0.95	6	0
DUNB30	SP Distribution	0.88	22	0
DUNF30	SP Distribution	0.99	14	0
EAST50	SP Distribution	-0.99	-7	7
ECCL30	SP Distribution	1	11	0
EERH30	SP Distribution	1	26	0
EKIL30	SP Distribution	1	24	0
EKIS30	SP Distribution	0.96	20	3.1
ELDE10	SP Distribution	1	11	0
ERSK30	SP Distribution	0.99	10	0
GALA30	SP Distribution	0.73	5	8.9
GIFF30	SP Distribution	1	20	0
GLLE50	SP Distribution	0.95	1	0
GLLU30	SP Distribution	0.62	4	6.9
GLNI30	SP Distribution	0.98	8	0
GLRO30	SP Distribution	0.95	20	0
GORG30	SP Distribution	0.98	14	0
GOVA30	SP Distribution	0.97	14	0
GRMO3	SP Distribution	0.96	14	3.4
GRMO30	SP Distribution	0.97	18	0
HAGR3	SP Distribution	0.98	12	0
HAWI30	SP Distribution	0.97	8	0
HELE30	SP Distribution	0.99	7	0
HUNF30	SP Distribution	0.84	2	0
INKE30	SP Distribution	0.97	21	0
JOHN30	SP Distribution	0.98	15	0
KAIM30	SP Distribution	0.95	20	11.3
KEOO50	SP Distribution	1	0	0
KIER30	SP Distribution	0.95	27	1.7
KILB30	SP Distribution	0.98	11	0
KILB50	SP Distribution	0.74	3	0
KILS30	SP Distribution	0.97	9	1.7
KILT30	SP Distribution	0.95	45	0
KILW30	SP Distribution	0.03	0	14.7
LEVE30	SP Distribution	0.87	15	0
LING30	SP Distribution	0.98	26	0
LINM30	SP Distribution	0.71	11	9.8

MAYB30	SP Distribution	1	5	2.5
NEAR30	SP Distribution	0.99	30	3.4
NETS30	SP Distribution	0.81	5	0
PAIS3	SP Distribution	0.99	21	0
PART30	SP Distribution	0.85	17	0
POOB30	SP Distribution	0.97	33	0
PORD30	SP Distribution	0.97	35	0
RAVE30	SP Distribution	1	22	0
REDH30	SP Distribution	0.95	16	0
SACO3A	SP Distribution	1	1	20.8
SACO3B	SP Distribution	0.97	3	0
SANX30	SP Distribution	0.95	15	0
SHRU30	SP Distribution	0.99	21	0
SIGH30	SP Distribution	0.79	44	0
SPAV30	SP Distribution	0.99	24	0
STHA30	SP Distribution	0.81	18	0
STIR30	SP Distribution	0.95	30	0
STLE30	SP Distribution	0.98	17	0
TELR30	SP Distribution	1	12	0
TONG50	SP Distribution	0.88	10	0
WFIE30	SP Distribution	0.91	6	9.3
WGEO30	SP Distribution	0.86	29	0
WHHO30	SP Distribution	0.97	22	0
WISH10	SP Distribution	1	24	0
COCK30	SP Generation	0.86	13	0
BIRK10	SP MANWEB	0.86	97	30
CAPE10	SP MANWEB	0.98	112	55
CARR10	SP MANWEB	0.99	37	114
CASK10	SP MANWEB	0.84	420	511
CELL10	SP MANWEB	1	52	2
CONQ10	SP MANWEB	1	166	64
FIDF13	SP MANWEB	0.98	58	19
FROD10	SP MANWEB	0.98	43	17
IMPP30	SP MANWEB	0.95	2	0
INCE10	SP MANWEB	0.95	72	34
KIBY10	SP MANWEB	0.98	123	12
LEGA10	SP MANWEB	0.95	154	40
LISD10	SP MANWEB	0.85	124	6
PENT10	SP MANWEB	1	54	12
RAIN10	SP MANWEB	0.96	161	18

SHOT10	SP MANWEB	0.82	70	196
SWAN11	SP MANWEB	0.87	9	6
SWAN12	SP MANWEB	0.87	11	7
TRAW10	SP MANWEB	0.94	31	14
WYLF10	SP MANWEB	0.96	28	25
FERR11	SSE Generation Ltd	1	4	0
FERR12	SSE Generation Ltd	1	4	0
ABTH11	SWALEC (Infralec)	0.96	53	1.1
ABTH12	SWALEC (Infralec)	0.96	53	1.1
ALST30	SWALEC (Infralec)	0.8	0.9	0
CARE10	SWALEC (Infralec)	0.96	95	1.9
GRAN60	SWALEC (Infralec)	0.87	58	5
PEMB10	SWALEC (Infralec)	1	137	0
PYLE10	SWALEC (Infralec)	1	99	4
RASS10	SWALEC (Infralec)	0.97	77	10
SWAN11	SWALEC (Infralec)	1	87	7.8
SWAN12	SWALEC (Infralec)	1	102	9.2
UPPB10	SWALEC (Infralec)	0.96	109	1
UPPB30	SWALEC (Infralec)	0.98	33	3
USKM10	SWALEC (Infralec)	0.99	152	1
MEAD10	UPM KYMMENE	1	0	0
ABHA11	WPD(formerly SWEB)	-0.99	43	0
ABHA12	WPD(formerly SWEB)	-0.99	44	0
ALVE10	WPD(formerly SWEB)	-0.78	73	0
AXMI10	WPD(formerly SWEB)	1	63	0
BRWA10	WPD(formerly SWEB)	0.99	93	0
EXET10	WPD(formerly SWEB)	-0.99	107	0
INDQ10	WPD(formerly SWEB)	-0.96	153	0
IROA11	WPD(formerly SWEB)	-0.81	74	0
IROA12	WPD(formerly SWEB)	-0.81	93	0
LAND10	WPD(formerly SWEB)	-0.91	90	0
MELK10	WPD(formerly SWEB)	-0.97	61	0
SEAB11	WPD(formerly SWEB)	-0.99	131	0
TAUN10	WPD(formerly SWEB)	0.99	43	0
BRAW11	Yorkshire Electricity	0.93	68	0
BRAW12	Yorkshire Electricity	0.94	77	8.6
CAML60	Yorkshire Electricity	0.98	11	0
CREB11	Yorkshire Electricity	0.94	78	2.5
CREB12	Yorkshire Electricity	0.93	88	5.4
DRAX11	Yorkshire Electricity	0.89	14	0

DRAX12	Yorkshire Electricity	0.89	14	0
ELLA11	Yorkshire Electricity	0.96	53	5.2
ELLA12	Yorkshire Electricity	0.95	53	4.6
FERR11	Yorkshire Electricity	0.95	54	7.3
FERR12	Yorkshire Electricity	0.95	60	0
FERR60	Yorkshire Electricity	0.94	22	10.3
GRIW10	Yorkshire Electricity	0.93	60	25
JORD30	Yorkshire Electricity	0.97	19	0
KEAD10	Yorkshire Electricity	0.89	222	23.6
KIRK10	Yorkshire Electricity	0.95	111	1.1
NEEP30	Yorkshire Electricity	0.96	32	0
NORL30	Yorkshire Electricity	0.99	19	0
PITS31	Yorkshire Electricity	0.91	21	0
PITS32	Yorkshire Electricity	0.8	3	0
SAEN10	Yorkshire Electricity	0.95	20	7.9
SHEC30	Yorkshire Electricity	0.94	44	0
SKLG10	Yorkshire Electricity	0.88	237	2.7
THOM60	Yorkshire Electricity	0.88	48	5.8
THUR60	Yorkshire Electricity	0.96	61	0.9
WIBA30	Yorkshire Electricity	0.87	10	0.3
WMEL11	Yorkshire Electricity	0.88	95	11.6
WMEL12	Yorkshire Electricity	0.88	150	5.6
WMEL13	Yorkshire Electricity	1	143	4.9

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Table E.2.7 - GSP Summer Minimum Demand (MW), Generation (MW) and Power Factor, 2015/16

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
LYNE70	Alcan	1	325	0
WYLF10	Anglesey Aluminium	0.98	288	0
TEMP30	BOC	0.98	25.5	0
DUNG20	British Energy	0.79	14	0
EGGB41	British Energy	0.78	15	0
HEYS10	British Energy	0.8	61	0
HINP21	British Energy	0.76	12	0
HINP22	British Energy	0.76	12	0
SIZE40	British Energy	0.89	4	0
TREM30	Celsa	0.85	95	0
BESW10	Central Networks East (EMEB)	0.97	132.9	1.5
BICF10	Central Networks East (EMEB)	0.96	-0.4	58.7
CHTE10	Central Networks East (EMEB)	0.92	195.2	9
COVE10	Central Networks East (EMEB)	0.96	215.2	7.8
DRAK10	Central Networks East (EMEB)	0.96	34.1	2.4
ECLA10	Central Networks East (EMEB)	0.9	152.8	2.9
ENDE10	Central Networks East (EMEB)	0.98	187	4.7
GREN10	Central Networks East (EMEB)	0.88	277.3	21.8
HAMH12	Central Networks East (EMEB)	0.96	0	0
LEAM10	Central Networks East (EMEB)	0.96	41.3	1
RATS10	Central Networks East (EMEB)	0.96	228.6	0.7
SBAR40	Central Networks East (EMEB)	0.96	0	0
STYC10	Central Networks East (EMEB)	0.97	62.1	3.3
WALP10	Central Networks East (EMEB)	0.91	117.1	1.8
WBUR10	Central Networks East (EMEB)	0.93	75.1	1.3
WILL10	Central Networks East (EMEB)	0.96	241.5	1.3
BISW10	Central Networks West (Aquila)	0.96	165.6	0
BUSH10	Central Networks West (Aquila)	0.97	64.9	4.2
BUST10	Central Networks West (Aquila)	0.96	129.9	0
CELL10	Central Networks West (Aquila)	0.81	195.9	33.8

ECLA10	Central Networks West (Aquila)	0.96	27.8	0
FECK60	Central Networks West (Aquila)	0.96	126	2
GLOU10	Central Networks West (Aquila)	0.96	230.7	1
HAMH11	Central Networks West (Aquila)	0.96	10.9	0
HAMH12	Central Networks West (Aquila)	0.96	6	0
IROA11	Central Networks West (Aquila)	0.96	36.8	1
IRSH40	Central Networks West (Aquila)	0.96	125.6	0
KITW10	Central Networks West (Aquila)	0.96	143.1	0
LEAM10	Central Networks West (Aquila)	0.96	151.9	3
NECH10	Central Networks West (Aquila)	0.78	140.6	23.5
OCKH10	Central Networks West (Aquila)	0.96	40.3	0
OLDB10	Central Networks West (Aquila)	0.96	31.4	1
PENN10	Central Networks West (Aquila)	0.96	92	4.2
RUGE10	Central Networks West (Aquila)	0.96	67.5	4
WIEN10	Central Networks West (Aquila)	0.96	43.2	0
GREN10	Corby Power Ltd	1	0	0
ALDW31	CORUS	0.74	8	0
ALDW32	CORUS	1	0	0
GRT060	CORUS	0.8	8	0
RAVE30	CORUS	0.8	1	0
STSB60	CORUS	0.95	0	0
TEMP30	CORUS	0.74	1	0
TINP32	CORUS	0.7	2	0
TODP60	CORUS	0.8	-13	88
WHSO31	CORUS	0.91	29.9	0
WHSO32	CORUS	0.91	29.9	0
WILL10	Derwent	1	0	0
DRAX11	Drax Power Limited	0.9	8	0
DRAX12	Drax Power Limited	0.9	36	0
COTT40	E.ON (UK) plc (Powergen)	0.34	10	0
DEES4	E.ON (UK) plc (Powergen)	1	0	0
GRAI40	E.ON (UK) plc (Powergen)	0.81	18	0
IRON10	E.ON (UK) plc (Powergen)	0.83	3	0
KINO10	E.ON (UK) plc (Powergen)	0.8	10	0
RATS10	E.ON (UK) plc (Powergen)	0.77	14.9	0
AMEM10	Eastern Power Networks	0.91	28.2	0
BARK10	Eastern Power Networks	0.95	36.2	0
BARW30	Eastern Power Networks	0.94	27.8	0
BRFO10	Eastern Power Networks	0.95	274.2	95
BRIM10	Eastern Power Networks	0.95	88.5	0

BARRA10	Eastern Power Networks	0.89	235.9	0
BURW10	Eastern Power Networks	0.93	78.3	0
EASO10	Eastern Power Networks	0.96	46.2	20.4
ELRH10	Eastern Power Networks	0.89	165.2	0
ELST10	Eastern Power Networks	0.96	42.7	0
ELWS10	Eastern Power Networks	0.94	111.9	0
GREN10	Eastern Power Networks	0.96	70.3	0.2
MILH10	Eastern Power Networks	0.96	76.2	0
NORW10	Eastern Power Networks	0.91	202.2	20
PEWY10	Eastern Power Networks	0.96	172.5	0
SUND10	Eastern Power Networks	0.96	175.8	5
TILB11	Eastern Power Networks	0.95	15.5	4
TILB12	Eastern Power Networks	0.95	17.3	3
TILB13	Eastern Power Networks	0.95	17.3	3
TILB14	Eastern Power Networks	0.95	15.5	4
TOTT10	Eastern Power Networks	0.96	124.3	27.6
WALP10	Eastern Power Networks	0.96	205	41.3
WARL10	Eastern Power Networks	0.95	82.9	10
WATS12	Eastern Power Networks	0.95	61.4	0
WISD10	Eastern Power Networks	0.95	16.9	0
WTHU60	Eastern Power Networks	0.95	16.7	0
BARK10	EDF (Formerly LPN)	0.96	83.2	0
BARW30	EDF (Formerly LPN)	0.94	138.2	0
BEDD10	EDF (Formerly LPN)	0.96	67.1	0
BRIM10	EDF (Formerly LPN)	0.96	54.9	0
CITR10	EDF (Formerly LPN)	0.96	737.1	0.9
HACK10	EDF (Formerly LPN)	0.96	0	0
HACK60	EDF (Formerly LPN)	0.96	69.8	0
HURS10	EDF (Formerly LPN)	0.96	126	0
LITT10	EDF (Formerly LPN)	0.96	83.5	5.3
LODR60	EDF (Formerly LPN)	0.96	215.3	0
MILH10	EDF (Formerly LPN)	0.92	0	0
NEWX10	EDF (Formerly LPN)	0.96	161	0
NEWX60	EDF (Formerly LPN)	0.96	172.2	0
REBR30	EDF (Formerly LPN)	0.94	43.3	0
SJOW10	EDF (Formerly LPN)	0.96	405.4	4
WHAM10	EDF (Formerly LPN)	0.96	442.4	4
WIGP10	EDF (Formerly LPN)	0.96	242.2	0
WIMB14	EDF (Formerly LPN)	0.96	60.3	0
WISD10	EDF (Formerly LPN)	0.96	101.9	0

WISD60	EDF (Formerly LPN)	0.96	49.6	0
WBUR10	EdF Energy	0.72	6	0
SFEM50	Exxon Mobil	1	20.6	0
SEFI10	Fellside Heat and Power	0.94	43	0
DINO40	First Hydro	0.95	1375	0
FFES21	First Hydro	0.95	112.5	0
FFES22	First Hydro	0.95	112.5	0
BAGB20	GE Energy	0.95	9	250
HUMR40	Immingham CHP	1	0	0
GRMO30	Ineos (Innovene) Grangemouth	0.98	38.4	0
RUGE10	International Power	0.85	4	0
CULJ31	J E T	0.95	0.1	0
CULJ32	J E T	0.95	0.1	0
CULJ33	J E T	0.95	0.1	0
HARE30	MOD	0.8	10	0
GRAI40	National Grid	0.88	3	0
SFEG10	National Grid	0.97	10	0
BARK10	Network Rail	0.85	0	0
BARK40	Network Rail	0.95	1	0
BERW10	Network Rail	1	0	0
CATY1A	Network Rail	1	0	0
CATY1B	Network Rail	1	0	0
DEVM10	Network Rail	1	0	0
ECCF1A	Network Rail	1	0	0
ECCF1B	Network Rail	1	0	0
ELST4A	Network Rail	1	1	0
ELST4B	Network Rail	1	1	0
ELVA20	Network Rail	1	0	0
HARK40	Network Rail	1	0	0
INWI1A	Network Rail	1	0	0
INWI1B	Network Rail	1	0	0
LEIB4A	Network Rail	1	0	0
LEIB4B	Network Rail	1	0	0
PAFB4A	Network Rail	1	0	0
PAFB4B	Network Rail	1	0	0
POOB2A	Network Rail	1	0.5	0
POOB2B	Network Rail	1	0.5	0
POPP20	Network Rail	1	0	0
RUGE40	Network Rail	1	0	0
SACO1A	Network Rail	1	0	0

SACO1B	Network Rail	1	0	0
SANX1A	Network Rail	1	1	0
SANX1B	Network Rail	1	1	0
SELL30	Network Rail	0.99	1	0
SING40	Network Rail	0.99	1	0
STLE10	Network Rail	1	1	0
WALP11	Network Rail	1	1	0
WISH20	Network Rail	1	0	0
ALCA1A	Northern Electric	0.86	106.5	0
ALCA1B	Northern Electric	0.86	106.5	0
BLYT60	Northern Electric	0.99	53	6.2
FERR11	Northern Electric	0.97	30	1
FERR12	Northern Electric	0.97	30	1
FOUR70	Northern Electric	1	6	0
HARM60	Northern Electric	0.97	25	5
HAWP60	Northern Electric	0.97	31	3.5
KNAR10	Northern Electric	0.97	0	0
LACK60	Northern Electric	0.99	138	0
NORT11	Northern Electric	0.97	82.3	10.6
NORT12	Northern Electric	0.97	82.3	10.6
OFFE30	Northern Electric	0.97	23	0
OSBA10	Northern Electric	0.98	100	1.5
POPP30	Northern Electric	0.98	14	3.7
SALH10	Northern Electric	0.97	21	46.1
SPEN10	Northern Electric	0.89	70	8
SSHI30	Northern Electric	0.98	15	0
STEN11	Northern Electric	0.96	39.2	1.9
STEN12	Northern Electric	0.96	39.2	1.9
STES10	Northern Electric	0.94	92	5.3
TYNE10	Northern Electric	0.97	76	2
WBOL60	Northern Electric	1	79	0
BRED10	NORWEB (UU)	0.99	117.4	0
CARR10	NORWEB (UU)	0.94	104.8	20
HARK11	NORWEB (UU)	0.88	57	224.5
HARK12	NORWEB (UU)	0.88	62.9	134.4
HEYS10	NORWEB (UU)	0.99	35.3	315.7
HUTT10	NORWEB (UU)	0.97	87.8	34.1
KEAR11	NORWEB (UU)	0.96	109.2	0
KEAR12	NORWEB (UU)	0.96	84.2	0
KEAR30	NORWEB (UU)	0.98	30.4	8

MACC30	NORWEB (UU)	0.95	23.4	9
PADI10	NORWEB (UU)	0.93	60.8	0
PENE11	NORWEB (UU)	0.98	54.3	0
PENE12	NORWEB (UU)	0.98	31.6	0
PENW11	NORWEB (UU)	0.96	22.7	6.1
PENW12	NORWEB (UU)	0.96	22.7	0
RAIN10	NORWEB (UU)	0.97	25.6	0
ROCH11	NORWEB (UU)	0.85	77.4	9.3
ROCH12	NORWEB (UU)	0.85	39.1	60
SMAN10	NORWEB (UU)	0.96	136.7	19
STAH10	NORWEB (UU)	0.96	103.6	12.1
STAL10	NORWEB (UU)	0.97	141.7	0
WASF1A	NORWEB (UU)	0.98	27.2	4
WASF1B	NORWEB (UU)	0.98	27.2	4
WHGA10	NORWEB (UU)	1	105	3.6
CHAP10	Nuclear Decommisssioning Authority	0.89	0	0
DUNG20	Nuclear Decommisssioning Authority	0.89	4	0
HINP20	Nuclear Decommisssioning Authority	0.89	1	0
OLDS11	Nuclear Decommisssioning Authority	0.85	5	0
SIZE10	Nuclear Decommisssioning Authority	0.89	4	0
TRAW20	Nuclear Decommisssioning Authority	0.89	0.5	0
WYLF10	Nuclear Decommisssioning Authority	0.9	10	0
ABTH11	RWE Npower plc (Innogy)	0.81	44	0
ABTH12	RWE Npower plc (Innogy)	0.81	44	0
BLYT60	RWE Npower plc (Innogy)	0.85	0	0
DRAY10	RWE Npower plc (Innogy)	0.85	10	0
FAWL40	RWE Npower plc (Innogy)	0.65	2	0
LITT10	RWE Npower plc (Innogy)	0.88	3	0
TILB11	RWE Npower plc (Innogy)	0.85	2	0
SAES20	Saltend	0.96	100	0
BEDD10	SEEBOARD Power Networks	0.96	202.8	0
BOLN11	SEEBOARD Power Networks	0.93	174	0
BOLN12	SEEBOARD Power Networks	0.93	151	0
CHSI10	SEEBOARD Power Networks	0.93	78	0
CHSI1A	SEEBOARD Power Networks	0.93	25	0

CHSI1B	SEEBOARD Power Networks	0.93	25	0
CSEK40	SEEBOARD Power Networks	0.93	353	0
KEMS13	SEEBOARD Power Networks	0.93	5	0
KINO10	SEEBOARD Power Networks	0.93	68	35
LALE10	SEEBOARD Power Networks	0.93	2	0
LITT10	SEEBOARD Power Networks	0.96	42	0
NFLE10	SEEBOARD Power Networks	0.96	174.2	38.5
NINF10	SEEBOARD Power Networks	0.96	131.5	0
WWEY10	SEEBOARD Power Networks	0.96	165.2	0
GRST60	Sembcorp (Formerly ICI)	0.75	50	105
MOSM50	SHELL	1	13	0
ABNE30	SHEPD	-1	12.9	1.2
ALNE30	SHEPD	-1	9.4	0
ARBR30	SHEPD	1	11.9	0
ARMO30	SHEPD	-0.92	11.4	0
BEAU30	SHEPD	-1	18.7	0.6
BOAG30	SHEPD	0.99	13	0.3
BRAC30	SHEPD	0.96	13.5	0.4
BRID30	SHEPD	0.99	11.4	0
BROA30	SHEPD	0.99	3.9	0.6
BROR30	SHEPD	0.99	3.1	0
BUMU30	SHEPD	0.99	16.4	0.1
CAAD30	SHEPD	-1	7.6	0
CASS50	SHEPD	-1	0.7	0
CEAN50	SHEPD	-1	0.9	0.4
CHAR30	SHEPD	0.98	11.7	0
CLAC30	SHEPD	0.88	0.9	0.4
CLAY30	SHEPD	0.99	15.9	0
COUA30	SHEPD	0.94	9.9	0
CRAI30	SHEPD	0.99	10	0
DOUN50	SHEPD	0.99	4.7	0
DUBE30	SHEPD	-0.99	-3.2	0
DUDH30	SHEPD	0.95	12.1	0
DUGR30	SHEPD	0.96	2.3	0.8
DUNO30	SHEPD	-0.99	2.9	2.4
DYCE30	SHEPD	0.98	13.2	0
ELGI30	SHEPD	0.98	19.2	0
FASN30	SHEPD	0.47	0.3	0
FAUG30	SHEPD	0.92	0.3	0.3
FIDD30	SHEPD	0.97	6.5	0

FRAS30	SHEPD	0.96	7.7	0
FWIL30	SHEPD	0.99	39	0.8
GLAG30	SHEPD	0.97	7.1	0.9
GRUB30	SHEPD	0.93	3.2	1.3
INNE30	SHEPD	0.99	22.7	2.9
KEIT30	SHEPD	0.72	12.4	0
KEMD30	SHEPD	1	36.5	0
KIIN30	SHEPD	1	-0.8	0
KILO30	SHEPD	0.27	0.9	0
KINT30	SHEPD	0.91	13	0
LAIR50	SHEPD	0.96	0.7	0
LUNA30	SHEPD	0.95	12.4	0.7
LYND30	SHEPD	1	11.3	0
MACD30	SHEPD	0.25	1.6	0
MILC30	SHEPD	-1	16.8	3.1
MYBS30	SHEPD	1	-5.8	0
NAIR30	SHEPD	0.96	12.3	0
PEHG30	SHEPD	0.98	8.5	0
PEHS50	SHEPD	1	5	0
PERS30	SHEPD	-1	12.9	1.2
PORA30	SHEPD	-1	5.7	0.5
RANN30	SHEPD	0.99	0.5	0
REDM30	SHEPD	0.99	11.9	0
SFEG50	SHEPD	0.97	6.9	0
SFIL30	SHEPD	0.94	0.6	0
SHIN50	SHEPD	0.98	0.7	0
SLOY11	SHEPD	0.96	1.1	0
STLE30	SHEPD	0.96	6.6	1.5
STRI30	SHEPD	0.97	3.3	0
TARL30	SHEPD	0.99	5.4	0
TAYN30	SHEPD	0.98	6.8	3.3
THSO30	SHEPD	-0.98	13.2	1.6
TUMB30	SHEPD	0.9	3.8	0.7
WIOW30	SHEPD	0.99	14.2	0
WOHI30	SHEPD	0.98	14	0
AMEM10	Southern Electric	0.99	33.8	0
AXMI10	Southern Electric	0.95	36.3	2.3
BOTW10	Southern Electric	0.97	56.1	2.4
BRFL40	Southern Electric	0.94	531.3	15.4
BRLE13	Southern Electric	0.93	43.9	0

BRLE14	Southern Electric	0.93	43.9	0
CHIC10	Southern Electric	0.98	35.6	2.9
COWL10	Southern Electric	0.96	248.1	1.7
EALI60	Southern Electric	0.92	90	1.8
FAWL10	Southern Electric	0.85	201.1	109
IVER10	Southern Electric	0.98	155.3	15.9
IVER60	Southern Electric	0.93	47	2
LALE10	Southern Electric	0.9	99.3	15.9
LOVE10	Southern Electric	0.96	298.1	12.9
MANN10	Southern Electric	0.98	253.3	5.7
MELK10	Southern Electric	0.95	140.8	6.9
MITY10	Southern Electric	0.97	141.8	4.7
NHYD60	Southern Electric	0.94	85.3	0
NURS10	Southern Electric	0.97	169.6	2.6
TYNE50	Southern Electric	0.97	11.9	0
WISD60	Southern Electric	0.96	51.5	0
AYR20	SP Distribution	1	17.9	0
BAGA10	SP Distribution	0.98	23.6	0
BAIN10	SP Distribution	1	13.6	0
BERW10	SP Distribution	0.87	13.9	0
BONN20	SP Distribution	0.99	21.2	0
BRAE1	SP Distribution	0.96	12.7	0
BROX10	SP Distribution	1	20.2	0
CAFA10	SP Distribution	-0.99	-6.7	6.4
CATY10	SP Distribution	0.99	21.4	0
CHAP10	SP Distribution	0.77	17.9	0
CHAS20	SP Distribution	0.99	34	0
CLYM10	SP Distribution	0.99	22.6	2.8
COAT30	SP Distribution	0.99	15	0
COCK30	SP Distribution	0.99	16.3	0
COYL10	SP Distribution	0.08	0.7	17.4
CROO31	SP Distribution	0.92	12.4	0
CROO32	SP Distribution	0.89	7.6	0
CUMB10	SP Distribution	0.98	14.3	9.4
CUPA10	SP Distribution	0.95	26.2	0
CURR20	SP Distribution	0.95	4.1	0
DEVM10	SP Distribution	0.97	18.6	0
DEVO10	SP Distribution	0.99	26.6	0
DEWP30	SP Distribution	0.97	38.6	0
DRCR30	SP Distribution	0.89	4.7	0

DRUM30	SP Distribution	1	24.9	0
DUMF31	SP Distribution	1	15.9	0
DUMF32	SP Distribution	0.85	10.5	0
DUMF50	SP Distribution	0.95	5.5	0
DUNB30	SP Distribution	0.88	21.1	0
DUNF30	SP Distribution	0.99	13.1	0
EAST50	SP Distribution	-0.99	-7	7
ECCL30	SP Distribution	1	10.2	0
EERH30	SP Distribution	1	25.1	0
EKIL30	SP Distribution	1	22.6	0
EKIS30	SP Distribution	0.96	19.3	3.1
ELDE10	SP Distribution	1	10.9	0
ERSK30	SP Distribution	0.99	9.7	0
GALA30	SP Distribution	0.73	5.1	8.9
GIFF30	SP Distribution	1	18.9	0
GLLE50	SP Distribution	0.95	0.6	0
GLLU30	SP Distribution	0.62	4.3	6.9
GLNI30	SP Distribution	0.98	8	0
GLRO30	SP Distribution	0.95	19.2	0
GORG30	SP Distribution	0.98	13.3	0
GOVA30	SP Distribution	0.97	13.8	0
GRMO3	SP Distribution	0.96	13.4	3.4
GRMO30	SP Distribution	0.97	17.5	0
HAGR3	SP Distribution	0.98	11.4	0
HAWI30	SP Distribution	0.97	7.8	0
HELE30	SP Distribution	0.99	6.5	0
HUNF30	SP Distribution	0.84	1.9	0
INKE30	SP Distribution	0.97	20.3	0
JOHN30	SP Distribution	0.98	14.1	0
KAIM30	SP Distribution	0.95	18.8	11.3
KEOO50	SP Distribution	1	0.1	0
KIER30	SP Distribution	0.95	26.1	1.7
KILB30	SP Distribution	0.98	10.4	0
KILB50	SP Distribution	0.74	2.9	0
KILS30	SP Distribution	0.97	8.8	1.7
KILT30	SP Distribution	0.95	43.3	0
KILW30	SP Distribution	0.03	0.1	14.7
LEVE30	SP Distribution	0.87	14.3	0
LING30	SP Distribution	0.98	25.2	0
LINM30	SP Distribution	0.71	10.3	9.8

MAYB30	SP Distribution	1	4.7	2.5
NEAR30	SP Distribution	0.99	28.6	3.4
NETS30	SP Distribution	0.81	4.4	0
PAIS3	SP Distribution	0.99	20.2	0
PART30	SP Distribution	0.85	16.6	0
POOB30	SP Distribution	0.97	31.4	0
PORD30	SP Distribution	0.97	33.3	0
RAVE30	SP Distribution	1	20.7	0
REDH30	SP Distribution	0.95	15	0
SACO3A	SP Distribution	1	1.2	20.8
SACO3B	SP Distribution	0.97	2.6	0
SANX30	SP Distribution	0.95	14.7	0
SHRU30	SP Distribution	0.99	20.5	0
SIGH30	SP Distribution	0.79	42.2	0
SPAV30	SP Distribution	0.99	23.4	0
STHA30	SP Distribution	0.81	17.7	0
STIR30	SP Distribution	0.95	29.2	0
STLE30	SP Distribution	0.98	16.7	0
TELR30	SP Distribution	1	11.6	0
TONG50	SP Distribution	0.88	10.1	0
WFIE30	SP Distribution	0.91	6	9.3
WGEO30	SP Distribution	0.86	27.5	0
WHHO30	SP Distribution	0.97	21.2	0
WISH10	SP Distribution	1	23.2	0
COCK30	SP Generation	0.86	13	0
BIRK10	SP MANWEB	0.86	89	30
CAPE10	SP MANWEB	0.98	102	55
CARR10	SP MANWEB	0.99	37	114
CASK10	SP MANWEB	0.84	420	511
CELL10	SP MANWEB	1	52	2
CONQ10	SP MANWEB	1	152	64
FIDF13	SP MANWEB	0.98	54	19
FROD10	SP MANWEB	0.98	43	17
IMPP30	SP MANWEB	0.95	2	0
INCE10	SP MANWEB	0.95	72	34
KIBY10	SP MANWEB	0.98	124	12
LEGA10	SP MANWEB	0.95	145	40
LISD10	SP MANWEB	0.85	115	6
PENT10	SP MANWEB	1	50	12
RAIN10	SP MANWEB	0.96	162	18

SHOT10	SP MANWEB	0.82	70	196
SWAN11	SP MANWEB	0.87	7.5	6
SWAN12	SP MANWEB	0.87	8.8	7
TRAW10	SP MANWEB	0.94	27	14
WYLF10	SP MANWEB	0.96	26	25
FERR11	SSE Generation Ltd	1	4	0
FERR12	SSE Generation Ltd	1	4	0
ABTH11	SWALEC (Infralec)	0.96	50.1	1.1
ABTH12	SWALEC (Infralec)	0.96	50.1	1.1
ALST30	SWALEC (Infralec)	0.8	0.9	0
CARE10	SWALEC (Infralec)	0.96	89.8	1.9
GRAN60	SWALEC (Infralec)	0.87	57	5
PEMB10	SWALEC (Infralec)	1	125	0
PYLE10	SWALEC (Infralec)	1	96	4
RASS10	SWALEC (Infralec)	0.97	71	10
SWAN11	SWALEC (Infralec)	1	83.3	7.8
SWAN12	SWALEC (Infralec)	1	97.7	9.2
UPPB10	SWALEC (Infralec)	0.96	101	1
UPPB30	SWALEC (Infralec)	0.98	31	3
USKM10	SWALEC (Infralec)	0.99	135	1
MEAD10	UPM KYMMENE	1	0	0
ABHA11	WPD(formerly SWEB)	-0.99	40.5	0
ABHA12	WPD(formerly SWEB)	-0.99	41.5	0
ALVE10	WPD(formerly SWEB)	-0.78	68	0
AXMI10	WPD(formerly SWEB)	1	61	0
BRWA10	WPD(formerly SWEB)	0.99	91	0
EXET10	WPD(formerly SWEB)	-0.99	99	0
INDQ10	WPD(formerly SWEB)	-0.96	144	0
IROA11	WPD(formerly SWEB)	-0.81	69.8	0
IROA12	WPD(formerly SWEB)	-0.81	87.2	0
LAND10	WPD(formerly SWEB)	-0.91	85	0
MELK10	WPD(formerly SWEB)	-0.97	59	0
SEAB11	WPD(formerly SWEB)	-0.99	121	0
TAUN10	WPD(formerly SWEB)	0.99	41	0
BRAW11	Yorkshire Electricity	0.93	65	0
BRAW12	Yorkshire Electricity	0.94	75	8.6
CAML60	Yorkshire Electricity	0.98	11	0
CREB11	Yorkshire Electricity	0.94	73	2.5
CREB12	Yorkshire Electricity	0.93	86	5.4
DRAX11	Yorkshire Electricity	0.89	13.2	0

DRAX12	Yorkshire Electricity	0.89	13.2	0
ELLA11	Yorkshire Electricity	0.96	52	5.2
ELLA12	Yorkshire Electricity	0.95	52	4.6
FERR11	Yorkshire Electricity	0.95	53	7.3
FERR12	Yorkshire Electricity	0.95	58	0
FERR60	Yorkshire Electricity	0.94	21	10.3
GRIW10	Yorkshire Electricity	0.93	59	25
JORD30	Yorkshire Electricity	0.97	18	0
KEAD10	Yorkshire Electricity	0.89	218	23.6
KIRK10	Yorkshire Electricity	0.95	105	1.1
NEEP30	Yorkshire Electricity	0.96	31	0
NORL30	Yorkshire Electricity	0.99	19	0
PITS31	Yorkshire Electricity	0.91	20	0
PITS32	Yorkshire Electricity	0.8	3	0
SAEN10	Yorkshire Electricity	0.95	19	7.9
SHEC30	Yorkshire Electricity	0.94	40	0
SKLG10	Yorkshire Electricity	0.88	226	2.7
THOM60	Yorkshire Electricity	0.88	45	5.8
THUR60	Yorkshire Electricity	0.96	59	0.9
WIBA30	Yorkshire Electricity	0.87	9	0.3
WMEL11	Yorkshire Electricity	0.88	90	11.6
WMEL12	Yorkshire Electricity	0.88	145	5.6
WMEL13	Yorkshire Electricity	1	144	5

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