

GB Seven Year Statement 2011

Appendix E - Grid Supply Point Demands

Table	Title
E.1.0	<u>GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2010/11</u>
E.1.1	<u>GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2011/12</u>
E.1.2	<u>GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2012/13</u>
E.1.3	<u>GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2013/14</u>
E.1.4	<u>GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2014/15</u>
E.1.5	<u>GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2015/16</u>
E.1.6	<u>GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2016/17</u>
E.1.7	<u>GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2017/18</u>
E.2.0	<u>GSP Summer Minimum Demand (MW), Generation (MW) and Power Factor, 2010/11</u>

Table E.1.0 - 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	1.0	325.0	325.0	0.0	BLYT20
WYLF10	Anglesey Aluminium	1.0	284.0	280.0	0.0	Station Load
TEMP30	BOC	1.0	25.5	13.5	0.0	TEMP20
DUNG20	British Energy	0.8	7.0	7.0	0.0	Station Load
EGGB41	British Energy	0.8	40.0	17.0	0.0	Station Load
HEYS10	British Energy	0.8	115.0	61.0	0.0	Station Load
HINP21	British Energy	0.8	11.9	3.0	0.0	Station Load
HINP22	British Energy	0.8	11.9	3.0	0.0	Station Load
SIZE40	British Energy	0.9	4.0	4.0	0.0	Station Load
CHAP10	British Nuclear Group	0.9	1.4	1.4	0.0	CHAP10
DUNG20	British Nuclear Group	0.9	2.0	2.0	0.0	Station Load
HINP21	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
HINP22	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
IROA11	British Nuclear Group	0.9	4.7	1.7	0.0	IROA20 AQUIL
IROA12	British Nuclear Group	0.9	4.7	1.7	0.0	IROA20 SWEB
OLDS11	British Nuclear Group	0.9	4.7	1.7	0.0	Station Load
SIZE11	British Nuclear Group	0.8	1.0	1.0	0.0	
SIZE12	British Nuclear Group	0.8	1.0	1.0	0.0	
TRAW20	British Nuclear Group	0.9	1.0	1.0	0.0	TRAW20
WYLF10	British Nuclear Group	0.9	99.0	75.0	0.0	Station Load
TREM30	Celsa	0.9	94.0	0.0	0.0	TREM20
BESW10	Central Networks East (EMEB)	1.0	360.6	358.8	2.5	BESW20
BICF10	Central Networks East (EMEB)	1.0	159.6	159.0	4.9	BICF4A /BICF4B
CHTE11	Central Networks East (EMEB)	1.0	254.7	254.6	5.8	
CHTE12	Central Networks East (EMEB)	1.0	254.7	254.6	5.8	
COVE10	Central Networks East (EMEB)	1.0	486.4	469.5	25.3	COVE20
DRAK10	Central Networks East (EMEB)	1.0	174.7	170.9	1.4	DRAK20
ECLA10	Central Networks East (EMEB)	1.0	339.6	337.6	17.7	ECLA40 EME
ENDE10	Central Networks East (EMEB)	1.0	494.1	486.9	3.9	ENDE40
GREN11	Central Networks East (EMEB)	1.0	332.9	332.9	6.1	
GREN12	Central Networks East (EMEB)	1.0	332.9	332.9	6.1	
HAMH11	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40 EME
HAMH12	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40 EME
LEAM10	Central Networks East (EMEB)	1.0	58.0	57.4	0.0	HAMH40 EME
RATS10	Central Networks East (EMEB)	1.0	640.0	616.7	12.2	RATS40
SBAR40	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	SBAR40
STYC10	Central Networks East (EMEB)	1.0	172.3	168.2	8.5	STAY40
WALP11	Central Networks East (EMEB)	1.0	80.0	79.5	0.6	
WALP12	Central Networks East (EMEB)	1.0	80.0	79.5	0.6	
WALP13	Central Networks East (EMEB)	1.0	80.0	79.5	0.6	
WBUR10	Central Networks East (EMEB)	1.0	207.8	207.8	4.6	WBUR40
WILL10	Central Networks East (EMEB)	1.0	532.6	533.4	2.1	WILE20
BISW10	Central Networks West (Aquila)	1.0	455.1	448.9	1.8	BISW20
BUSH10	Central Networks West (Aquila)	1.0	154.5	154.5	4.9	BUSH20
BUST10	Central Networks West (Aquila)	1.0	354.2	342.8	2.0	BUST20
CELL11	Central Networks West (Aquila)	1.0	250.5	237.9	1.5	
CELL12	Central Networks West (Aquila)	1.0	250.5	237.9	1.5	
ECLA10	Central Networks West (Aquila)	1.0	65.7	59.8	0.0	ECLA40 EME
FECK60	Central Networks West (Aquila)	1.0	278.5	275.2	30.7	FECK20
GLOU10	Central Networks West (Aquila)	1.0	201.0	197.4	2.8	WALH40
GLOU11	Central Networks West (Aquila)	1.0	201.0	197.4	2.8	
GLOU12	Central Networks West (Aquila)	1.0	201.0	197.4	2.8	
HAMH11	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40 EME
HAMH12	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40 EME
IROA11	Central Networks West (Aquila)	1.0	30.9	30.7	0.0	IROA20 AQUIL
IROA12	Central Networks West (Aquila)	1.0	30.9	30.7	0.0	IROA20 SWEB
IRSH40	Central Networks West (Aquila)	1.0	83.7	83.5	0.0	IRSH40
IRSH40	Central Networks West (Aquila)	1.0	241.2	234.0	2.5	IRSH40
KITW10	Central Networks West (Aquila)	1.0	393.0	379.9	0.7	KITW20
LEAM10	Central Networks West (Aquila)	1.0	150.4	151.7	3.2	HAMH40 EME
NECH11	Central Networks West (Aquila)	1.0	172.2	154.0	0.9	
NECH12	Central Networks West (Aquila)	1.0	172.2	154.0	0.9	
OCKH10	Central Networks West (Aquila)	1.0	116.7	96.3	0.0	OCKH20
OLDB10	Central Networks West (Aquila)	1.0	97.8	87.7	1.6	OLDB20
OLDS11	Central Networks West (Aquila)	1.0	30.9	30.7	0.0	Station Load
PENN10	Central Networks West (Aquila)	1.0	308.7	294.3	6.7	PENN20
RUGE10	Central Networks West (Aquila)	1.0	228.5	225.1	2.1	RUGE40
WIEN10	Central Networks West (Aquila)	1.0	136.7	120.2	0.8	WIEN2A /WIEN2B
ABTH11	Centrica	0.9	3.6	1.5	0.0	ABTH20
ABTH12	Centrica	0.9	3.6	1.5	0.0	ABTH20
AESB11	Centrica	0.9	3.6	1.5	0.0	
CARE10	Centrica	0.9	3.6	1.5	0.0	CARE20
GREN11	Corby Power Ltd	1.0	0.0	0.0	0.0	
GREN12	Corby Power Ltd	1.0	0.0	0.0	0.0	

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ALDW31	CORUS	0.8	18.0	15.0	0.0	ALDW20
ALDW31	CORUS	0.8	80.0	58.5	0.0	ALDW20
ALDW32	CORUS	0.8	18.0	15.0	0.0	ALDW20
ALDW32	CORUS	0.8	80.0	58.5	0.0	ALDW20
GRTO60	CORUS	0.8	8.0	8.0	0.0	GRTO2A /GRTO2B
RAVE30	CORUS	0.8	5.0	3.0	0.0	RAVE2Q /RAVE2R
STSB60	CORUS	0.9	70.0	0.1	0.0	STSB40
TEMP30	CORUS	0.8	13.0	7.0	0.0	TEMP20
TINP32	CORUS	0.7	59.0	43.0	0.0	TINP2A /TINP2B
TODP60	CORUS	0.8	13.0	21.0	72.0	TODP20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WILL10	Derwent	1.0	0.0	0.0	0.0	WILE20
DRAX11	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX11	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.3	40.0	8.0	0.0	Station Load
GRAI40	E.ON (UK) plc (Powergen)	0.8	46.0	21.0	0.0	Station Load
IRON11	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
IRON12	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
KINO10	E.ON (UK) plc (Powergen)	0.8	40.0	10.0	0.0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.8	43.0	13.0	0.0	RATS40
SHRE10	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
AMEM10	Eastern Power Networks	1.0	63.8	54.3		AMEM4A EPN / AMEM4B EPN
BARK10	Eastern Power Networks	1.0	78.8	77.1		BARK20 EPN
BARW31	Eastern Power Networks	0.9	36.1	34.1		
BARW32	Eastern Power Networks	0.9	36.1	34.1		
BRFO10	Eastern Power Networks	1.0	663.4	646.6	103.9	BRFO40
BRIM10	Eastern Power Networks	0.9	244.6	244.9		BRIM2A EPN / BRIM2B EPN / BRIM2C EPN
BRAA10	Eastern Power Networks	0.9	711.8	695.1		RAYL40 / BRAI4A
BURW10	Eastern Power Networks	1.0	244.3	244.3	0.0	BURW40
EASO1A	Eastern Power Networks	1.0	125.3	105.0	15.9	
EASO1B	Eastern Power Networks	1.0	125.3	105.0	15.9	
ELRH10	Eastern Power Networks	1.0	473.0	473.0		ELST20 / RYEH40 / RYEH4A
ELST1A	Eastern Power Networks	1.0	45.1	44.3		
ELST1B	Eastern Power Networks	1.0	45.1	44.3		
ELWS10	Eastern Power Networks	1.0	309.8	304.1		ELST20 / WATS20
GREN11	Eastern Power Networks	1.0	51.0	51.0	0.1	
GREN12	Eastern Power Networks	1.0	51.0	51.0	0.1	
MILH11	Eastern Power Networks	1.0	119.0	119.0		
MILH12	Eastern Power Networks	1.0	119.0	119.0		
NORW10	Eastern Power Networks	1.0	622.0	622.0	5.3	NORW40
PEWY10	Eastern Power Networks	1.0	463.3	463.3		WYMO40 / PELH40
SUND11	Eastern Power Networks	1.0	261.0	261.0	13.9	
SUND12	Eastern Power Networks	1.0	261.0	261.0	13.9	
TILB11	Eastern Power Networks	1.0	50.4	45.3	6.5	TILB20
TILB12	Eastern Power Networks	1.0	52.2	50.9	3.9	TILB20
TILB13	Eastern Power Networks	1.0	52.2	50.9	3.9	TILB20
TILB14	Eastern Power Networks	1.0	50.4	45.3	6.5	TILB20
TOTT11	Eastern Power Networks	1.0	150.3	149.4	13.3	
TOTT12	Eastern Power Networks	1.0	150.3	149.4	13.3	
WALP11	Eastern Power Networks	1.0	147.4	147.4	17.3	
WALP12	Eastern Power Networks	1.0	147.4	147.4	17.3	
WALP13	Eastern Power Networks	1.0	147.4	147.4	17.3	
WARL10	Eastern Power Networks	1.0	243.4	240.7	9.4	WARL20
WATS12	Eastern Power Networks	1.0	188.2	188.2		WATS20
WISD10	Eastern Power Networks	1.0	24.9	24.5		WISD20 EME
WTHU60	Eastern Power Networks	1.0	35.8	33.6		WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	1.0	179.1	179.1	0.0	BARK20 EPN
BARW31	EDF (Formerly LPN)	0.9	85.2	81.7		
BARW32	EDF (Formerly LPN)	0.9	85.2	81.7		
BEHU10	EDF (Formerly LPN)	1.0	156.5	144.4		
BEHU10	EDF (Formerly LPN)	1.0	294.3	288.8		
BRIM10	EDF (Formerly LPN)	0.9	123.3	122.1		BRIM2A EPN / BRIM2B EPN / BRIM2C EPN
CITR11	EDF (Formerly LPN)	1.0	381.6	323.6	4.9	
CITR12	EDF (Formerly LPN)	1.0	381.6	323.6	4.9	
HACK10	EDF (Formerly LPN)	1.0	0.0	0.0		HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	1.0	173.8	168.9		HACK2A /HACK2B
LITT12	EDF (Formerly LPN)	1.0	58.5	58.5	2.5	
LITT13	EDF (Formerly LPN)	1.0	58.5	58.5	2.5	
LODR61	EDF (Formerly LPN)	1.0	230.1	221.7		
LODR62	EDF (Formerly LPN)	1.0	230.1	221.7		
MILH11	EDF (Formerly LPN)	0.9	12.5	9.9		

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
MILH12	EDF (Formerly LPN)	0.9	12.5	9.9		
NEW110	EDF (Formerly LPN)	1.0	94.1	86.2		
NEWX61	EDF (Formerly LPN)	0.9	211.0	211.0		
NEWX62	EDF (Formerly LPN)	0.9	211.0	211.0		
NFLW14	EDF (Formerly LPN)	1.0	58.5	58.5	2.5	
REBR30	EDF (Formerly LPN)	1.0	132.2	132.2		REBR20
SJOW11	EDF (Formerly LPN)	1.0	360.0	334.1		
SJOW12	EDF (Formerly LPN)	1.0	360.0	334.1		
WHAM11	EDF (Formerly LPN)	1.0	310.4	280.7		
WHAM12	EDF (Formerly LPN)	1.0	310.4	280.7		
WIGP10	EDF (Formerly LPN)	1.0	609.2	596.9		WIMB20
WIMB14	EDF (Formerly LPN)	1.0	138.8	135.6	2.9	WIMB20
WISD10	EDF (Formerly LPN)	1.0	212.4	204.3		WISD20 EME
WISD60	EDF (Formerly LPN)	1.0	120.6	118.0		WISD20 LPN
WBUR10	EdF Energy	0.7	60.0	9.0	0.0	WBUR40
SFEM50	Exxon Mobil	1.0	21.4	21.4	0.0	SFEM10
HUTT10	Fellside Heat and Power	0.9	21.5	21.5	0.0	HUTT40
SEFI10	Fellside Heat and Power	0.9	21.5	21.5	0.0	Station Load
DINO40	First Hydro	1.0	50.0	0.0	0.0	Station Load
DINO40	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	550.0	0.0	0.0	Station Load
BAGB20	GE Energy	0.9	15.0	15.0	530.0	Station Load
GRMO30	Ineos (Innovene) Grangemouth	1.0	74.8	74.8	0.0	GRMO20
RUGE10	International Power	0.9	30.0	4.0	0.0	RUGE40
CULJ31	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ32	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ33	J E T	0.9	0.0	0.0	0.0	CULJ4A
HARE30	MOD	0.8	12.8	12.8	0.0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.9	27.2	27.2	0.0	Station Load
SFEG10	National Grid	1.0	0.0	0.0	0.0	SFEG10
ALCA1A	Northern Electric	0.9	79.0	-47.2	0.0	BLYT20
ALCA1B	Northern Electric	0.9	79.0	-47.2	0.0	BLYT20
BLYT60	Northern Electric	1.0	172.5	170.6	7.7	BLYT20
FERR11	Northern Electric	0.9	88.4	86.0	0.9	FERR20 NED
FERR12	Northern Electric	0.9	88.4	86.0	0.9	FERR20 NED
FOUR70	Northern Electric	1.0	16.9	15.5	0.0	FOUR20
HARM60	Northern Electric	1.0	93.0	87.7	2.9	HARM20
HAWP60	Northern Electric	1.0	110.6	107.2	4.6	HAWP20
KNAR10	Northern Electric	1.0	0.0	0.0		KNAR20
LACK60	Northern Electric	1.0	223.2	187.2	4.4	LACK20
LYNE70	Northern Electric	0.9	79.0	-47.2	0.0	BLYT20
NORT11	Northern Electric	1.0	243.0	240.5	7.0	NORT20
NORT12	Northern Electric	1.0	243.0	240.5	7.0	NORT20
OFFE30	Northern Electric	1.0	70.8	68.5	0.0	OFFE20
OSBA10	Northern Electric	1.0	286.0	284.2	3.6	OSBA40
POPP30	Northern Electric	1.0	50.5	50.5	2.0	POPP20
SALH10	Northern Electric	1.0	93.4	-34.0	91.9	SALH20
SPEN10	Northern Electric	1.0	246.2	237.4	18.0	SPEN20
SSH130	Northern Electric	1.0	52.5	49.2	0.0	SSH120
STEN11	Northern Electric	1.0	111.2	107.8	2.0	STEW20
STEN12	Northern Electric	1.0	111.2	107.8	2.0	STEW20
STES10	Northern Electric	1.0	253.3	249.4	7.6	STEW20
TYNE10	Northern Electric	1.0	209.4	209.4	2.1	TYNE20
WBOL60	Northern Electric	1.0	256.4	248.9	0.1	WBOL20
BRED10	NORWEB (UU)	1.0	333.0	333.0	0.0	BRED20
CARR12	NORWEB (UU)	1.0	270.1	270.1	20.0	
HARK11	NORWEB (UU)	0.9	23.1	23.1	63.2	HARK20
HARK11	NORWEB (UU)	0.9	33.4	33.4	81.5	HARK20
HARK12	NORWEB (UU)	0.9	23.1	23.1	63.2	HARK20
HARK12	NORWEB (UU)	0.9	33.4	33.4	81.5	HARK20
HEYS10	NORWEB (UU)	0.9	7.2	7.2	99.9	Station Load
HUTT10	NORWEB (UU)	1.0	115.9	115.9	12.0	HUTT40
KEAR11	NORWEB (UU)	1.0	282.1	282.1	0.0	KEAR20
KEAR12	NORWEB (UU)	1.0	282.1	282.1	0.0	KEAR20
KEAR30	NORWEB (UU)	1.0	99.0	99.0	8.0	KEAR20
MACC30	NORWEB (UU)	0.9	61.6	61.6	15.0	MACC20
PADI10	NORWEB (UU)	1.0	199.0	199.0		PADI40
PENE11	NORWEB (UU)	1.0	104.4	104.4	0.0	PEWO40
PENE12	NORWEB (UU)	1.0	104.4	104.4	0.0	PEWO40
PENW11	NORWEB (UU)	1.0	59.9	59.9	4.8	PEWO20
PENW12	NORWEB (UU)	1.0	59.9	59.9	4.8	PEWO20
ROCH11	NORWEB (UU)	0.4	-0.3	-0.3	30.0	ROCH20
ROCH11	NORWEB (UU)	1.0	81.3	81.3	37.2	ROCH20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ROCH12	NORWEB (UU)	0.4	-0.3	-0.3	30.0	ROCH20
ROCH12	NORWEB (UU)	1.0	81.3	81.3	37.2	ROCH20
SEFI10	NORWEB (UU)	1.0	115.9	115.9	12.0	Station Load
SMAN10	NORWEB (UU)	1.0	316.1	316.1	19.0	SMAN20
STAH10	NORWEB (UU)	1.0	59.9	59.9	4.8	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.9	391.3	391.3	0.0	STAL20
WASF1A	NORWEB (UU)	0.9	78.5	78.5	0.0	WASF2A
WASF1B	NORWEB (UU)	0.9	78.5	78.5	0.0	WASF2B
WHGA10	NORWEB (UU)	1.0	296.6	296.6	3.6	WHGA20
BARK10	Railtrack	0.9	0.0	0.0	0.0	BARK20_EPN
BARK40	Railtrack	1.0	22.0	0.0	0.0	
ELST4A	Railtrack	1.0	6.5	5.0	0.0	ELST20
ELST4B	Railtrack	1.0	6.5	5.0	0.0	ELST20
LEIB4A	Railtrack	1.0	7.5	6.3	0.0	LEIB4B
LEIB4B	Railtrack	1.0	7.5	6.3	0.0	LEIB4B
PAFB4A	Railtrack	1.0	8.8	7.5	0.0	PAFB4B
PAFB4B	Railtrack	1.0	8.8	7.5	0.0	PAFB4B
POPP20	Railtrack	0.8	5.8	5.8	0.0	POPP20
RUGE40	Railtrack	1.0	18.1	18.1	0.0	RUGE40
SELL30	Railtrack	1.0	12.0	12.0	0.0	SELL40
SING40	Railtrack	1.0	22.0	10.0	0.0	SING40
WYMO40	Railtrack	1.0	10.3	10.3	0.0	WYMO40
ABTH11	RWE Npower plc (Innogy)	0.8	9.4	9.4	0.0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.8	9.4	9.4	0.0	ABTH20
AESB11	RWE Npower plc (Innogy)	0.8	9.4	9.4	0.0	
BLYT60	RWE Npower plc (Innogy)	0.9	0.0	0.0	0.0	BLYT20
CARE10	RWE Npower plc (Innogy)	0.8	9.4	9.4	0.0	CARE20
FAWL40	RWE Npower plc (Innogy)	0.6	20.0	3.0	0.0	FAWL40
LITT12	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
LITT13	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
NFLW14	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
TILB11	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
TILB14	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
SAES20	Saltend	1.0	100.0	100.0	0.0	SAES20
BEDD11	SEEBOARD Power Networks	1.0	262.2	256.5		
BEDD12	SEEBOARD Power Networks	1.0	262.2	256.5		
BEDD1A	SEEBOARD Power Networks	1.0	117.8	115.0	17.0	
BEDD1B	SEEBOARD Power Networks	1.0	117.8	115.0	17.0	
BOLN11	SEEBOARD Power Networks	1.0	434.1	434.1	0.0	BOLN40
BOLN12	SEEBOARD Power Networks	1.0	434.1	434.1	0.0	BOLN40
CHSI10	SEEBOARD Power Networks	1.0	146.7	145.8		CHSI20
CHSI10	SEEBOARD Power Networks	1.0	215.3	206.2		CHSI20
CHSI1A	SEEBOARD Power Networks	1.0	117.8	115.0	17.0	CHSI20
CHSI1B	SEEBOARD Power Networks	1.0	117.8	115.0	17.0	CHSI20
KEMS13	SEEBOARD Power Networks	1.0	77.2	0.0		KEMS40
KINO10	SEEBOARD Power Networks	1.0	196.4	196.4	24.0	Station Load
LALE10	SEEBOARD Power Networks	1.0	73.3	72.9		LALE20_SPN
LITT12	SEEBOARD Power Networks	1.0	1.0	1.0		
LITT13	SEEBOARD Power Networks	1.0	1.0	1.0		
NFLE11	SEEBOARD Power Networks	1.0	106.7	106.7	9.3	
NFLE12	SEEBOARD Power Networks	1.0	106.7	106.7	9.3	
NFLW14	SEEBOARD Power Networks	1.0	1.0	1.0		
NINF11	SEEBOARD Power Networks	1.0	215.2	215.2		
NINF12	SEEBOARD Power Networks	1.0	215.2	215.2		
WIMB13	SEEBOARD Power Networks	1.0	117.8	115.0	17.0	
WIMB14	SEEBOARD Power Networks	1.0	117.8	115.0	17.0	WIMB20
WWEY11	SEEBOARD Power Networks	1.0	175.1	173.5		
WWEY12	SEEBOARD Power Networks	1.0	175.1	173.5		
GRST60	Sembcorp (Formerly ICI)	0.8	140.0	60.0	120.0	Station Load
MOSM50	SHELL	1.0	23.5	20.5	0.0	MOSM10
ABNE30	SHEPD	1.0	44.5	41.2	2.7	ABNE10
ALNE30	SHEPD	-1.0	37.2	27.0	0.0	ALNE1Q / ALNE1R
ARBR30	SHEPD	1.0	38.6	36.4	0.0	ARBR1Q / ARBR1R
ARMO30	SHEPD	-1.0	29.2	24.9	0.9	ARMO10
BEAU30	SHEPD	1.0	32.0	29.6	2.6	BEAU10
BOAG30	SHEPD	1.0	32.9	28.5	2.0	BOAG1Q / BOAG1R
BRAC30	SHEPD	1.0	39.9	37.1	1.5	BRAC1Q / BRAC1R
BRID30	SHEPD	1.0	33.3	31.9	0.0	BRID1Q / BRID1R
BROA30	SHEPD	1.0	13.7	6.3	1.1	BROA1Q
BROR30	SHEPD	1.0	11.2	8.0	0.0	BROR10
BUMU30	SHEPD	1.0	51.7	49.1	0.6	BUMU10
CAAD30	SHEPD	1.0	26.0	16.9	1.2	CAAD1Q / CAAD1R
CASS50	SHEPD	1.0	2.3	1.2	0.2	CASS1Q
CEAN50	SHEPD	0.9	3.1	-0.1	0.5	CEAN1Q
CHAR30	SHEPD	1.0	32.9	31.6	0.0	CHAR10
CLAC30	SHEPD	0.9	4.7	-4.8	8.4	CLAC1Q

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CLAY30	SHEPD	1.0	51.5	45.8	0.0	CLAY1Q / CLAY1R
COUA30	SHEPD	1.0	31.6	26.9	0.0	COUA10
CRAI30	SHEPD	1.0	33.0	32.2	0.0	CRAI10
DOUN50	SHEPD	1.0	7.9	6.2	0.0	DOUN10
DUBE30	SHEPD	-1.0	13.7	13.3	0.0	DUBE1Q
DUDH30	SHEPD	1.0	37.4	35.5	0.0	DUDH1Q / DUDH1R
DUGR30	SHEPD	1.0	7.8	6.1	1.6	DUGR1Q
DUNO30	SHEPD	1.0	23.0	16.1	4.8	DUNO1Q / DUNO1R
DYCE30	SHEPD	1.0	40.4	39.5	3.6	DYCE1Q / DYCE1R
ELGI30	SHEPD	1.0	58.2	54.6	0.0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.0	1.3	-0.2	1.0	FASN10
FAUG30	SHEPD	1.0	4.8	3.1	0.9	FAUG10
FIDD30	SHEPD	1.0	24.9	23.0	0.0	FIDD1Q
FRAS30	SHEPD	1.0	25.3	21.2	0.0	FRAS1Q / FRAS1R
FWIL30	SHEPD	1.0	65.2	30.7	5.2	FWIL1Q / FWIL1R
GLAG30	SHEPD	1.0	27.3	21.0	1.8	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.9	17.0	4.7	3.8	GRUB1Q / GRUB1R
INNE30	SHEPD	1.0	71.3	67.6	3.5	INNE1Q / INNE1R
KEIT30	SHEPD	0.9	69.5	53.9	0.0	KEIT10
KIIN30	SHEPD	0.1	2.8	0.3	0.0	KIIN10
KILO30	SHEPD	0.6	3.8	2.6	0.0	KILO10
KINT30	SHEPD	1.0	68.6	64.2	0.0	KINT10
LAIR50	SHEPD	0.6	2.0	-0.5	2.0	LAIR1Q
LUNA30	SHEPD	1.0	71.9	32.9	1.3	LUNA1Q / LUNA1R
LYND30	SHEPD	1.0	33.6	27.5	0.1	LYND1Q / LYND1R
MACD30	SHEPD	1.0	22.7	17.8	0.0	MACD1Q
MILC30	SHEPD	1.0	60.5	58.1	7.4	MILC10
MYBS30	SHEPD	1.0	14.6	9.1	0.0	MYBS1Q / MYBS1R
NAIR30	SHEPD	1.0	40.0	31.7	0.0	NAIR10
PEHG30	SHEPD	1.0	27.9	27.2	0.0	PEHG1Q / PEHG1R
PEHS50	SHEPD	1.0	9.1	5.6	0.0	PEHE10
PERS30	SHEPD	1.0	50.1	48.6	2.5	PERS10
PORA30	SHEPD	1.0	18.5	13.4	4.7	PORA1Q / PORA1R
RANN30	SHEPD	0.9	-0.4	-1.9	3.5	RANN1Q / RANN1R
REDM30	SHEPD	1.0	39.0	37.9	0.0	REDM1Q / REDM1R
SFEG50	SHEPD	1.0	14.8	12.8	0.0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.9	5.3	-2.7	5.0	SFIL1Q
SHIN50	SHEPD	1.0	4.0	1.7	0.0	SHIN10
SLOY11	SHEPD	1.0	0.8	0.7	0.0	SLOY10
SLOY12	SHEPD	1.0	0.8	0.7	0.0	
SLOY13	SHEPD	1.0	0.8	0.7	0.0	
SLOY14	SHEPD	1.0	0.8	0.7	0.0	
STLE30	SHEPD	0.9	14.0	9.0	2.0	STLE10
STRI30	SHEPD	1.0	19.4	14.8	0.0	STRI1Q / STRI1R
TARL30	SHEPD	1.0	24.6	17.1	0.0	TARL1Q / TARL1R
TAYN30	SHEPD	1.0	30.5	17.5	10.8	TAYN1Q / TAYN1R
THSO30	SHEPD	1.0	36.4	30.8	11.7	THSO1Q / THSO1R
TUMB30	SHEPD	1.0	13.8	12.5	1.2	TUMB1Q / TUMB1R
WIOW30	SHEPD	1.0	46.5	45.2	0.0	WIOW1Q / WIOW1R
WOHI30	SHEPD	1.0	44.2	44.1	0.0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	1.0	60.1	60.1	0.0	AMEM4A_EPN / AMEM4B_EPN
AXMI10	Southern Electric	1.0	125.7	125.7	2.8	AXMI40_SEP
BOTW10	Southern Electric	1.0	173.7	173.7	0.0	BOTW40
BRFL40	Southern Electric	1.0	1370.1	1370.1	68.5	BRFL40
BRLE13	Southern Electric	1.0	104.8	104.8	2.0	BRLE40
BRLE14	Southern Electric	1.0	104.8	104.8	2.0	BRLE40
CHIC10	Southern Electric	1.0	106.5	106.5	47.8	CHIC40
COWL10	Southern Electric	1.0	724.8	724.8	15.9	COWL40
EALI60	Southern Electric	1.0	229.8	242.6	6.0	EALI20
FAWL10	Southern Electric	0.9	320.6	320.6	249.9	FAWL40
IVER10	Southern Electric	0.9	415.1	415.1	36.7	IVER20
IVER60	Southern Electric	0.9	130.5	127.3	36.7	IVER20
LALE10	Southern Electric	0.9	226.7	226.7	17.6	LALE20_SPN
LOVE11	Southern Electric	1.0	324.1	324.1	3.9	
LOVE12	Southern Electric	1.0	324.1	324.1	3.9	
MANN10	Southern Electric	1.0	696.1	696.1	2.1	MANN40
MELK10	Southern Electric	1.0	395.3	395.3	9.2	MELK40_SEP
MITY11	Southern Electric	1.0	163.4	163.4	2.0	
MITY12	Southern Electric	1.0	163.4	163.4	2.0	
NHYD60	Southern Electric	0.9	201.7	201.7	0.0	NHYD2A / NHYD2B
NURS10	Southern Electric	1.0	483.8	483.8	62.8	NURS40
TYNE50	Southern Electric	0.9	6.8	6.8	0.0	TYNE20
WISD60	Southern Electric	1.0	122.7	122.7	0.0	WISD20_LPN
AYR20	SP Distribution	1.0	64.0	60.5	0.0	
BAGA10	SP Distribution	1.0	63.1	60.4	0.0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	1.0	44.4	42.5	0.0	BAIN10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
BERW10	SP Distribution	0.9	32.2	29.9	0.0	BERW1Q / BERW1R
BONN20	SP Distribution	1.0	83.0	66.0	0.0	BONN20
BRAE1	SP Distribution	1.0	39.5	37.3	0.0	
BROX10	SP Distribution	1.0	57.0	55.0	0.0	BROX1Q / BROX1R
CAFA10	SP Distribution	1.0	0.3	-5.0	5.0	CAFA1Q
CATY10	SP Distribution	1.0	61.3	55.0	0.0	CATY1Q / CATY1R
CHAP10	SP Distribution	1.0	46.7	45.9	0.0	CHAP10
CHAS20	SP Distribution	1.0	94.4	85.7	0.0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	1.0	74.7	71.8	6.8	CLYM20
COAT10	SP Distribution	1.0	46.6	31.0	0.0	
COAT30	SP Distribution	1.0	42.2	39.0	0.0	COAT2Q / COAT2R
COCK40	SP Distribution	1.0	43.5	41.9	0.0	
COYL10	SP Distribution	0.9	46.0	38.8	9.8	COYL10
CROO31	SP Distribution	1.0	35.6	35.6	0.0	CROO1Q / CROO1R
CROO32	SP Distribution	1.0	28.9	27.6	0.0	CROO1Q / CROO1R
CUMB10	SP Distribution	1.0	52.6	49.8	9.2	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.9	66.1	64.9	0.0	CUPA1Q / CUPA1R
CURR20	SP Distribution	1.0	13.0	12.8	0.0	CURR10
DEVM10	SP Distribution	1.0	43.9	33.5	0.0	DEVM10
DEVO10	SP Distribution	0.9	63.0	61.4	0.0	DEVO10
DEWP30	SP Distribution	1.0	105.0	98.4	0.0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.9	21.2	5.2	0.0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	1.0	77.3	76.7	0.0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	1.0	46.8	43.5	0.0	DUMF10
DUMF32	SP Distribution	0.9	18.6	10.0	0.0	DUMF10
DUMF50	SP Distribution	1.0	16.1	15.6	0.0	DUMF10
DUNB30	SP Distribution	1.0	50.0	27.0	0.0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	1.0	403.8	35.3	1.1	DUNF1Q / DUNF1R
EAST50	SP Distribution	1.0	0.4	-5.4	5.4	EAST1Q
ECCL30	SP Distribution	1.0	42.2	23.6	0.0	ECCL10
EERH30	SP Distribution	1.0	99.6	99.6	0.0	EERH20
EKIL30	SP Distribution	1.0	67.2	66.1	0.0	EKIL2S / EKIL2T
EKIS30	SP Distribution	1.0	38.5	31.7	3.9	EKIS20
ELDE10	SP Distribution	1.0	53.0	33.5	0.0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	1.0	25.3	25.2	0.0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.9	42.5	33.3	7.6	GALA10
GIFF30	SP Distribution	1.0	81.2	68.5	0.0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1.0	2.0	-11.8	13.6	GLLE10
GLLU30	SP Distribution	0.9	24.8	17.9	5.1	GLLU1Q / GLLU1R
GLNI30	SP Distribution	1.0	25.3	24.9	0.0	GLNI10
GLRO30	SP Distribution	1.0	44.6	44.1	0.0	GLRO20
GORG30	SP Distribution	1.0	36.5	33.9	0.0	GORG1Q / GORG1R
GOVA30	SP Distribution	1.0	41.5	38.8	0.0	GOVA1Q / GOVA1R
GRMO3	SP Distribution	1.0	33.7	32.9	4.5	
GRMO30	SP Distribution	1.0	35.4	31.6	0.0	GRMO20
HAGR3	SP Distribution	1.0	46.8	45.1	0.0	
HAW130	SP Distribution	1.0	27.1	23.7	0.0	HAW110
HELE30	SP Distribution	1.0	23.2	22.0	0.0	HELE10
HUNF30	SP Distribution	0.7	8.7	5.0	0.0	HUNF1Q / HUNF1R
INKE30	SP Distribution	1.0	52.1	50.7	0.0	INKE1Q / INKE1R
JOHN30	SP Distribution	1.0	47.2	45.2	0.0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	1.0	94.1	75.0	4.7	KAIM20
KEOO50	SP Distribution	-1.0	0.3	-13.4	13.8	KEOO10
KIER30	SP Distribution	1.0	74.6	73.4	1.6	KIER1Q / KIER1R
KILB30	SP Distribution	1.0	34.9	22.4	0.0	KILB1Q / KILB1R
KILB50	SP Distribution	1.0	11.2	11.0	0.0	KILB1Q / KILB1R
KILS30	SP Distribution	1.0	36.3	34.1	1.3	KILS20
KILT30	SP Distribution	1.0	88.0	86.5	0.0	KILT2Q / KILT2R
KILW30	SP Distribution	0.9	35.5	16.1	15.5	KILW10
LEVE30	SP Distribution	1.0	42.3	41.8	0.0	LEVE1Q / LEVE1R
LING30	SP Distribution	1.0	69.7	68.5	0.0	LING1Q / LING1R
LINM30	SP Distribution	0.8	57.6	35.7	19.5	LINM20
MAYB30	SP Distribution	1.0	24.5	20.3	1.0	MAYB10
NEAR30	SP Distribution	1.0	82.0	79.8	4.2	NEAR20
NETS30	SP Distribution	0.9	14.5	10.2	0.0	NETS10
PAIS3	SP Distribution	1.0	46.4	45.8	0.0	
PART30	SP Distribution	1.0	48.2	47.4	0.0	PART1Q / PART1R
POOB30	SP Distribution	1.0	104.2	103.1	3.0	POOB2Q / POOB2R
PORD30	SP Distribution	1.0	86.1	82.6	0.0	PORD2Q / PORD2R
RAVE30	SP Distribution	1.0	29.0	9.0	0.0	RAVE2Q / RAVE2R
REDH30	SP Distribution	1.0	47.8	42.2	0.0	REDH10
SACO3A	SP Distribution	1.0	44.4	37.2	11.7	SACO1Q / SACO1R
SACO3B	SP Distribution	1.0	34.3	26.6	0.0	SACO1Q / SACO1R
SANX30	SP Distribution	1.0	39.5	29.2	0.0	SANX1Q / SANX1R
SHRU30	SP Distribution	1.0	55.2	54.4	0.0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	1.0	105.9	102.9	0.0	SIGH2Q / SIGH2R

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
SPAV30	SP Distribution	1.0	41.9	39.3	0.0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.9	54.1	52.7	0.0	STHA20
STIR30	SP Distribution	0.9	82.3	74.0	0.0	STIR1S / STIR1T
STLE30	SP Distribution	1.0	54.1	51.3	0.0	STLE10
TELR30	SP Distribution	1.0	32.4	32.3	0.0	TELR1Q / TELR1R
TONG50	SP Distribution	1.0	27.6	23.8	0.0	TONG10
WFIE30	SP Distribution	0.9	37.4	26.9	8.1	WFIE10
WGEO30	SP Distribution	1.0	87.7	67.2	0.0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	1.0	63.9	63.6	0.0	WHHO2Q / WHHO2R
WISH10	SP Distribution	1.0	82.4	78.3	0.0	WISH20
BIRK10	SP MANWEB	1.0	275.1	275.1	1.8	BIRK20
CAPE10	SP MANWEB	1.0	254.5	238.5	0.8	CAPE20
CARR11	SP MANWEB	0.9	111.1	114.1	0.8	
CASK10	SP MANWEB	0.9	420.0	420.0	0.0	FROD40
CELL11	SP MANWEB	1.0	88.6	88.6	0.9	
CELL12	SP MANWEB	1.0	88.6	88.6	0.9	
CONQ10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
CONQ10	SP MANWEB	0.9	134.6	125.2	0.0	DEES40
FIDF11	SP MANWEB	0.9	65.7	65.7	0.3	
FIDF12	SP MANWEB	0.9	65.7	65.7	0.3	
FIDF13	SP MANWEB	0.9	65.7	65.7	0.3	FIDF20
FIDF14	SP MANWEB	0.9	65.7	65.7	0.3	
FROD11	SP MANWEB	1.0	38.2	38.2	0.3	
FROD12	SP MANWEB	1.0	38.2	38.2	0.3	
INCE11	SP MANWEB	1.0	53.6	30.5	0.0	
INCE12	SP MANWEB	1.0	53.6	30.5	0.0	
KIBY11	SP MANWEB	1.0	178.9	178.9	0.0	
KIBY12	SP MANWEB	1.0	178.9	178.9	0.0	
LEGA10	SP MANWEB	1.0	331.4	331.4	0.2	LEGA40
LISD10	SP MANWEB	1.0	348.1	349.1	0.5	LISD20
PENT10	SP MANWEB	1.0	208.6	187.5	0.5	PENT40
RAIN11	SP MANWEB	1.0	200.8	196.6	0.3	
RAIN12	SP MANWEB	1.0	200.8	196.6	0.3	
SHOT10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
SHOT10	SP MANWEB	0.9	134.6	125.2	0.0	DEES40
SWAN11	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20 SPM
SWAN12	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20 SPM
TRAW10	SP MANWEB	1.0	74.9	60.4	0.0	TRAW20
WYLF10	SP MANWEB	1.0	62.6	53.8	0.0	Station Load
FERR11	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
FERR12	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
ABTH11	WPD (formerly SWALEC (Infralec))	1.0	103.8	98.1	0.9	ABTH20
ABTH12	WPD (formerly SWALEC (Infralec))	1.0	103.8	98.1	0.9	ABTH20
AESB11	WPD (formerly SWALEC (Infralec))	1.0	103.8	98.1	0.9	
ALST31	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
ALST32	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
CARE10	WPD (formerly SWALEC (Infralec))	1.0	103.8	98.1	0.9	CARE20
GRAN60	WPD (formerly SWALEC (Infralec))	0.9	118.5	29.4	5.0	MAGA20
PEMB10	WPD (formerly SWALEC (Infralec))	1.0	191.0	183.5	1.6	PEMB40
PYLE10	WPD (formerly SWALEC (Infralec))	1.0	142.4	104.4	15.6	PYLE20
RASS10	WPD (formerly SWALEC (Infralec))	1.0	233.2	233.2	3.0	RASS40
SWAN11	WPD (formerly SWALEC (Infralec))	1.0	305.5	305.4	12.4	SWAN20 SPM
SWAN12	WPD (formerly SWALEC (Infralec))	1.0	305.5	305.4	12.4	SWAN20 SPM
UPPB10	WPD (formerly SWALEC (Infralec))	1.0	178.7	171.4	5.5	UPPB20
UPPB30	WPD (formerly SWALEC (Infralec))	1.0	105.1	96.2	0.0	UPPB20
USKM10	WPD (formerly SWALEC (Infralec))	1.0	266.5	260.1	1.5	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	1.0	43.7	0.0	0.0	MEAD10
ABHA11	WPD(formerly SWEB)	1.0	125.3	128.9	0.0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1.0	125.3	128.9	0.0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	1.0	209.0	206.8	0.0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	1.0	104.5	103.4	0.0	AXMI40_SEP
BRWA10	WPD(formerly SWEB)	0.9	207.4	205.2	0.0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1.0	307.1	339.9	0.0	EXET40
INDQ10	WPD(formerly SWEB)	1.0	444.5	439.8	0.0	INDQ40
IROA11	WPD(formerly SWEB)	1.0	154.7	153.1	0.0	IROA20_AQUIL
IROA12	WPD(formerly SWEB)	1.0	154.7	153.1	0.0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1.0	268.3	268.9	0.0	LAND40
OLDS11	WPD(formerly SWEB)	1.0	154.7	153.1	0.0	Station Load
SEAB11	WPD(formerly SWEB)	1.0	322.4	319.0	0.0	SEAB40
TAUN10	WPD(formerly SWEB)	0.9	120.3	119.0	0.0	TAUN4B
BRAW11	Yorkshire Electricity	1.0	109.9	109.9	0.0	BRAW20
BRAW11	Yorkshire Electricity	1.0	127.0	127.0	2.2	BRAW20
BRAW12	Yorkshire Electricity	1.0	109.9	109.9	0.0	BRAW20
BRAW12	Yorkshire Electricity	1.0	127.0	127.0	2.2	BRAW20
CAML60	Yorkshire Electricity	1.0	29.5	29.5	0.0	DRAX40
CREB11	Yorkshire Electricity	0.9	102.5	101.0	1.6	CREB40

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CREB11	Yorkshire Electricity	1.0	121.1	119.4	10.6	CREB40
CREB12	Yorkshire Electricity	0.9	102.5	101.0	1.6	CREB40
CREB12	Yorkshire Electricity	1.0	121.1	119.4	10.6	CREB40
DRAX11	Yorkshire Electricity	0.9	22.1	20.0	7.6	Station Load
DRAX12	Yorkshire Electricity	0.9	22.1	20.0	7.6	Station Load
ELLA11	Yorkshire Electricity	0.9	181.0	162.7	21.4	ELLA20
ELLA12	Yorkshire Electricity	0.9	181.0	162.7	21.4	ELLA20
FERR11	Yorkshire Electricity	0.9	70.3	60.4	30.7	FERR20_NED
FERR11	Yorkshire Electricity	0.9	75.3	64.6	0.0	FERR20_NED
FERR11	Yorkshire Electricity	0.9	88.5	86.1	0.9	FERR20_NED
FERR12	Yorkshire Electricity	0.9	70.3	60.4	30.7	FERR20_NED
FERR12	Yorkshire Electricity	0.9	75.3	64.6	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	88.5	86.1	0.9	FERR20_NED
FERR60	Yorkshire Electricity	1.0	92.3	92.3	5.4	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.9	188.6	147.2	24.2	GRIW40
JORD30	Yorkshire Electricity	1.0	59.4	55.7	0.0	JORD20
KEAD10	Yorkshire Electricity	1.0	404.0	255.9	106.0	KEAD40
KIRK10	Yorkshire Electricity	1.0	288.8	279.8	1.3	KIRK20
NEEP30	Yorkshire Electricity	1.0	77.9	77.0	2.3	NEEP20
NORL30	Yorkshire Electricity	1.0	62.4	60.8	0.2	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS31	Yorkshire Electricity	0.9	30.5	27.1	0.0	PITS20
PITS32	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.9	30.5	27.1	0.0	PITS20
SAEN10	Yorkshire Electricity	1.0	88.6	68.7	12.3	SAEN20
SHEC30	Yorkshire Electricity	1.0	98.4	91.7	0.0	SHEC20
SKLG10	Yorkshire Electricity	1.0	638.4	632.4	12.1	SKLG20
THUR60	Yorkshire Electricity	1.0	169.6	169.6	2.6	THUR20
WIBA30	Yorkshire Electricity	0.9	36.2	29.5	0.6	WIBA20
WMEL11	Yorkshire Electricity	0.9	129.2	127.7	6.0	WMEL20
WMEL11	Yorkshire Electricity	1.0	110.6	110.6	1.7	WMEL20
WMEL12	Yorkshire Electricity	0.9	129.2	127.7	6.0	WMEL20
WMEL12	Yorkshire Electricity	1.0	110.6	110.6	1.7	WMEL20
WMEL13	Yorkshire Electricity	0.9	129.2	127.7	6.0	WMEL20
WMEL13	Yorkshire Electricity	1.0	110.6	110.6	1.7	WMEL20

Table E.1.1 - 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	1.0	325.0	325.0	0.0	BLYT20
WYLF10	Anglesey Aluminium	1.0	288.0	288.0	0.0	Station Load
TEMP30	BOC	1.0	25.5	13.5	0.0	TEMP20
DUNG20	British Energy	0.8	7.0	7.0	0.0	Station Load
EGGB41	British Energy	0.8	40.0	17.0	0.0	Station Load
HEYS10	British Energy	0.8	115.0	61.0	0.0	Station Load
HINP21	British Energy	0.8	11.9	3.0	0.0	Station Load
HINP22	British Energy	0.8	11.9	3.0	0.0	Station Load
SIZE40	British Energy	0.9	4.0	4.0	0.0	Station Load
CHAP10	British Nuclear Group	0.9	0.0	0.0	0.0	CHAP10
DUNG20	British Nuclear Group	0.9	2.0	2.0	0.0	Station Load
HINP21	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
HINP22	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
IROA11	British Nuclear Group	0.9	4.7	1.7	0.0	IROA20_AQUIL
IROA12	British Nuclear Group	0.9	4.7	1.7	0.0	IROA20_SWEB
OLDS11	British Nuclear Group	0.9	4.7	1.7	0.0	Station Load
SIZE11	British Nuclear Group	0.8	1.0	1.0	0.0	
SIZE12	British Nuclear Group	0.8	1.0	1.0	0.0	
TRAW20	British Nuclear Group	0.9	1.0	1.0	0.0	TRAW20
WYLF10	British Nuclear Group	0.9	99.0	75.0	0.0	Station Load
TREM30	Celsa	0.9	95.0	0.0	0.0	TREM20
BESW10	Central Networks East (EMEB)	1.0	363.7	361.9	2.5	BESW20
BICF10	Central Networks East (EMEB)	1.0	160.9	160.4	4.9	BICF4A /BICF4B
CHTE11	Central Networks East (EMEB)	1.0	259.4	259.1	5.8	
CHTE12	Central Networks East (EMEB)	1.0	259.4	259.1	5.8	
COVE10	Central Networks East (EMEB)	1.0	492.4	475.2	25.3	COVE20
DRAK10	Central Networks East (EMEB)	1.0	182.2	178.4	1.4	DRAK20
ECLA10	Central Networks East (EMEB)	1.0	348.7	346.6	17.7	ECLA40_EME
ENDE10	Central Networks East (EMEB)	1.0	498.3	491.0	3.9	ENDE40
GREN11	Central Networks East (EMEB)	1.0	337.6	337.6	6.1	
GREN12	Central Networks East (EMEB)	1.0	337.6	337.6	6.1	
HAMH11	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	1.0	58.5	57.9	0.0	HAMH40_EME
RATS10	Central Networks East (EMEB)	1.0	652.3	628.7	12.2	RATS40
SBAR40	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	SBAR40
STYC10	Central Networks East (EMEB)	1.0	173.8	169.6	8.5	STAY40
WALP11	Central Networks East (EMEB)	1.0	80.6	80.2	0.6	
WALP12	Central Networks East (EMEB)	1.0	80.6	80.2	0.6	
WALP13	Central Networks East (EMEB)	1.0	80.6	80.2	0.6	
WBUR10	Central Networks East (EMEB)	1.0	242.5	242.5	4.6	WBUR40
WILL10	Central Networks East (EMEB)	1.0	537.8	538.6	2.1	WILE20
BISW10	Central Networks West (Aquila)	1.0	455.8	449.6	1.8	BISW20
BUSH10	Central Networks West (Aquila)	1.0	155.9	155.9	4.9	BUSH20
BUST10	Central Networks West (Aquila)	1.0	355.7	344.3	2.0	BUST20
CELL11	Central Networks West (Aquila)	1.0	250.9	238.3	1.5	
CELL12	Central Networks West (Aquila)	1.0	250.9	238.3	1.5	
ECLA10	Central Networks West (Aquila)	1.0	65.8	59.9	0.0	ECLA40_EME
FECK60	Central Networks West (Aquila)	1.0	280.7	277.4	30.7	FECK20
GLOU10	Central Networks West (Aquila)	1.0	211.7	207.2	2.8	WALH40
GLOU11	Central Networks West (Aquila)	1.0	211.7	207.2	2.8	
GLOU12	Central Networks West (Aquila)	1.0	211.7	207.2	2.8	
HAMH11	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
IROA11	Central Networks West (Aquila)	1.0	31.0	30.7	0.0	IROA20_AQUIL
IROA12	Central Networks West (Aquila)	1.0	31.0	30.7	0.0	IROA20_SWEB
IRSH40	Central Networks West (Aquila)	1.0	83.8	83.6	0.0	IRSH40
IRSH40	Central Networks West (Aquila)	1.0	243.1	235.9	2.5	IRSH40
KITW10	Central Networks West (Aquila)	1.0	399.6	386.3	0.7	KITW20
LEAM10	Central Networks West (Aquila)	1.0	150.6	151.9	3.2	HAMH40_EME
NECH11	Central Networks West (Aquila)	1.0	176.4	157.9	0.9	
NECH12	Central Networks West (Aquila)	1.0	176.4	157.9	0.9	
OCKH10	Central Networks West (Aquila)	1.0	116.9	96.4	0.0	OCKH20
OLDB10	Central Networks West (Aquila)	1.0	98.0	87.9	1.6	OLDB20
OLDS11	Central Networks West (Aquila)	1.0	31.0	30.7	0.0	Station Load
PENN10	Central Networks West (Aquila)	1.0	309.2	294.8	6.7	PENN20
RUGE10	Central Networks West (Aquila)	1.0	228.8	225.4	2.1	RUGE40
WIEN10	Central Networks West (Aquila)	1.0	137.9	121.2	0.8	WIEN2A /WIEN2B
ABTH11	Centrica	0.9	3.6	1.5	0.0	ABTH20
ABTH12	Centrica	0.9	3.6	1.5	0.0	ABTH20
AESB11	Centrica	0.9	3.6	1.5	0.0	
CARE10	Centrica	0.9	3.6	1.5	0.0	CARE20
GREN11	Corby Power Ltd	1.0	0.0	0.0	0.0	
GREN12	Corby Power Ltd	1.0	0.0	0.0	0.0	

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ALDW31	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW31	CORUS	0.8	80.0	58.5	0.0	ALDW20
ALDW32	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW32	CORUS	0.8	80.0	58.5	0.0	ALDW20
GRTO60	CORUS	0.8	8.0	8.0	0.0	GRTO2A /GRTO2B
RAVE30	CORUS	0.8	5.0	3.0	0.0	RAVE2Q /RAVE2R
STSB60	CORUS	0.9	70.0	0.1	0.0	STSB40
TEMP30	CORUS	0.8	12.0	6.0	0.0	TEMP20
TINP32	CORUS	0.7	59.0	43.0	0.0	TINP2A /TINP2B
TODP60	CORUS	0.8	13.0	5.0	88.0	TODP20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WILL10	Derwent	1.0	0.0	0.0	0.0	WILE20
DRAX11	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX11	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.3	40.0	8.0	0.0	Station Load
GRAI40	E.ON (UK) plc (Powergen)	0.8	46.0	21.0	0.0	Station Load
IRON11	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
IRON12	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
KINO10	E.ON (UK) plc (Powergen)	0.8	40.0	10.0	0.0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.8	43.0	13.0	0.0	RATS40
SHRE10	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
AMEM10	Eastern Power Networks	1.0	64.5	55.1		AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	1.0	97.9	96.2		BARK20_EPN
BARW31	Eastern Power Networks	0.9	35.9	33.8		
BARW32	Eastern Power Networks	0.9	35.9	33.8		
BRFO10	Eastern Power Networks	1.0	644.5	627.7	103.9	BRFO40
BRIM10	Eastern Power Networks	0.9	237.5	237.8		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.9	690.0	673.2		RAYL40 / BRAI4A
BURW10	Eastern Power Networks	1.0	258.3	258.3	0.0	BURW40
EASO1A	Eastern Power Networks	1.0	117.7	97.3	15.9	
EASO1B	Eastern Power Networks	1.0	117.7	97.3	15.9	
ELRH10	Eastern Power Networks	1.0	484.3	484.3		ELST20 / RYEH40 / RYEH4A
ELST1A	Eastern Power Networks	1.0	43.4	42.6		
ELST1B	Eastern Power Networks	1.0	43.4	42.6		
ELWS10	Eastern Power Networks	1.0	305.9	300.3		ELST20 / WATS20
GREN11	Eastern Power Networks	1.0	49.0	49.0	0.1	
GREN12	Eastern Power Networks	1.0	49.0	49.0	0.1	
MILH11	Eastern Power Networks	1.0	108.3	108.3		
MILH12	Eastern Power Networks	1.0	108.3	108.3		
NORW10	Eastern Power Networks	1.0	612.5	612.5	5.3	NORW40
PEWY10	Eastern Power Networks	1.0	451.9	451.9		WYMO40 / PELH40
SUND11	Eastern Power Networks	1.0	255.1	255.1	13.9	
SUND12	Eastern Power Networks	1.0	255.1	255.1	13.9	
TILB11	Eastern Power Networks	1.0	48.4	43.3	6.5	TILB20
TILB12	Eastern Power Networks	1.0	49.7	48.5	3.9	TILB20
TILB13	Eastern Power Networks	1.0	49.7	48.5	3.9	TILB20
TILB14	Eastern Power Networks	1.0	48.4	43.3	6.5	TILB20
TOTT11	Eastern Power Networks	1.0	144.7	143.8	13.3	
TOTT12	Eastern Power Networks	1.0	144.7	143.8	13.3	
WALP11	Eastern Power Networks	1.0	163.4	163.4	17.3	
WALP12	Eastern Power Networks	1.0	163.4	163.4	17.3	
WALP13	Eastern Power Networks	1.0	163.4	163.4	17.3	
WARL10	Eastern Power Networks	1.0	232.0	229.3	9.4	WARL20
WATS12	Eastern Power Networks	1.0	198.8	198.8		WATS20
WISD10	Eastern Power Networks	1.0	43.1	42.7		WISD20_EME
WTHU60	Eastern Power Networks	1.0	34.0	31.8		WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	1.0	154.6	154.6	0.0	BARK20_EPN
BARW31	EDF (Formerly LPN)	0.9	89.2	85.8		
BARW32	EDF (Formerly LPN)	0.9	89.2	85.8		
BEHU10	EDF (Formerly LPN)	1.0	152.8	140.8		
BEHU10	EDF (Formerly LPN)	1.0	288.5	283.0		
BRIM10	EDF (Formerly LPN)	0.9	121.5	120.3		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
CITR11	EDF (Formerly LPN)	1.0	417.8	359.7	4.9	
CITR12	EDF (Formerly LPN)	1.0	417.8	359.7	4.9	
HACK10	EDF (Formerly LPN)	1.0	146.7	146.7		HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	1.0	168.5	163.5		HACK2A /HACK2B
LITT12	EDF (Formerly LPN)	1.0	56.9	56.9	2.5	
LITT13	EDF (Formerly LPN)	1.0	56.9	56.9	2.5	
LODR61	EDF (Formerly LPN)	1.0	216.2	207.8		
LODR62	EDF (Formerly LPN)	1.0	216.2	207.8		
MILH11	EDF (Formerly LPN)	0.9	12.5	9.9		

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
MILH12	EDF (Formerly LPN)	0.9	12.5	9.9		
NEWI10	EDF (Formerly LPN)	1.0	195.8	187.8		
NEWX61	EDF (Formerly LPN)	0.9	139.5	139.5		
NEWX62	EDF (Formerly LPN)	0.9	139.5	139.5		
NFLW14	EDF (Formerly LPN)	1.0	56.9	56.9	2.5	
REBR30	EDF (Formerly LPN)	1.0	129.9	129.9		REBR20
SJOW11	EDF (Formerly LPN)	1.0	349.6	323.7		
SJOW12	EDF (Formerly LPN)	1.0	349.6	323.7		
WHAM11	EDF (Formerly LPN)	1.0	259.6	229.9		
WHAM12	EDF (Formerly LPN)	1.0	259.6	229.9		
WIGP10	EDF (Formerly LPN)	1.0	628.9	616.7		WIMB20
WIMB14	EDF (Formerly LPN)	1.0	135.1	131.9	2.9	WIMB20
WISD10	EDF (Formerly LPN)	1.0	207.4	199.2		WISD20 EME
WISD60	EDF (Formerly LPN)	1.0	118.8	116.3		WISD20 LPN
WBUR10	EdF Energy	0.7	60.0	9.0	0.0	WBUR40
SFEM50	Exxon Mobil	1.0	21.4	21.4	0.0	SFEM10
HUTT10	Fellside Heat and Power	0.9	21.5	21.5	0.0	HUTT40
SEFI10	Fellside Heat and Power	0.9	21.5	21.5	0.0	Station Load
DINO40	First Hydro	1.0	50.0	0.0	0.0	Station Load
DINO40	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	550.0	0.0	0.0	Station Load
BAGB20	GE Energy	0.9	19.0	19.0	530.0	Station Load
GRMO30	Ineos (Innovene) Grangemouth	1.0	74.8	74.8	0.0	GRMO20
RUGE10	International Power	0.9	30.0	4.0	0.0	RUGE40
CULJ31	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ32	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ33	J E T	0.9	0.0	0.0	0.0	CULJ4A
HARE30	MOD	0.8	13.0	13.0	0.0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.9	61.7	61.7	0.0	Station Load
SFEG10	National Grid	1.0	50.0	50.0	0.0	SFEG10
ALCA1A	Northern Electric	0.9	79.1	-47.3	0.0	BLYT20
ALCA1B	Northern Electric	0.9	79.1	-47.3	0.0	BLYT20
BLYT60	Northern Electric	1.0	173.9	172.1	7.7	BLYT20
FERR11	Northern Electric	0.9	89.4	87.1	0.9	FERR20_NED
FERR12	Northern Electric	0.9	89.4	87.1	0.9	FERR20_NED
FOUR70	Northern Electric	1.0	17.0	15.6	0.0	FOUR20
HARM60	Northern Electric	1.0	96.2	90.7	2.9	HARM20
HAWP60	Northern Electric	1.0	111.5	108.1	4.6	HAWP20
KNAR10	Northern Electric	1.0	0.0	0.0		KNAR20
LACK60	Northern Electric	1.0	225.1	188.7	4.4	LACK20
LYNE70	Northern Electric	0.9	79.1	-47.3	0.0	BLYT20
NORT11	Northern Electric	1.0	243.7	241.3	7.0	NORT20
NORT12	Northern Electric	1.0	243.7	241.3	7.0	NORT20
OFFE30	Northern Electric	1.0	71.6	69.3	0.0	OFFE20
OSBA10	Northern Electric	1.0	289.9	288.1	3.6	OSBA40
POPP30	Northern Electric	1.0	51.4	51.4	2.0	POPP20
SALH10	Northern Electric	1.0	93.5	-34.1	91.9	SALH20
SPEN10	Northern Electric	1.0	249.5	240.6	18.0	SPEN20
SSH130	Northern Electric	1.0	52.7	49.5	0.0	SSH120
STEN11	Northern Electric	1.0	114.8	111.3	2.0	STEW20
STEN12	Northern Electric	1.0	114.8	111.3	2.0	STEW20
STES10	Northern Electric	1.0	254.4	250.5	7.6	STEW20
TYNE10	Northern Electric	1.0	185.9	185.8	2.1	TYNE20
WBOL60	Northern Electric	1.0	271.1	263.2	0.1	WBOL20
BRED10	NORWEB (UU)	1.0	335.0	335.0	0.0	BRED20
CARR12	NORWEB (UU)	1.0	270.8	270.8	20.0	
HARK11	NORWEB (UU)	0.9	23.1	23.1	63.2	HARK20
HARK11	NORWEB (UU)	0.9	33.4	33.4	81.5	HARK20
HARK12	NORWEB (UU)	0.9	23.1	23.1	63.2	HARK20
HARK12	NORWEB (UU)	0.9	33.4	33.4	81.5	HARK20
HEYS10	NORWEB (UU)	0.9	-190.8	-190.8	297.9	Station Load
HUTT10	NORWEB (UU)	1.0	115.9	115.9	12.0	HUTT40
KEAR11	NORWEB (UU)	1.0	282.6	282.6	0.0	KEAR20
KEAR12	NORWEB (UU)	1.0	282.6	282.6	0.0	KEAR20
KEAR30	NORWEB (UU)	1.0	99.2	99.2	8.0	KEAR20
MACC30	NORWEB (UU)	0.9	61.7	61.7	15.0	MACC20
PADI10	NORWEB (UU)	1.0	199.0	199.0		PADI40
PENE11	NORWEB (UU)	1.0	104.4	104.4	0.0	PEWO40
PENE12	NORWEB (UU)	1.0	104.4	104.4	0.0	PEWO40
PENW11	NORWEB (UU)	1.0	60.0	60.0	4.8	PEWO20
PENW12	NORWEB (UU)	1.0	60.0	60.0	4.8	PEWO20
ROCH11	NORWEB (UU)	0.4	-0.3	-0.3	30.0	ROCH20
ROCH11	NORWEB (UU)	1.0	81.4	81.4	37.2	ROCH20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ROCH12	NORWEB (UU)	0.4	-0.3	-0.3	30.0	ROCH20
ROCH12	NORWEB (UU)	1.0	81.4	81.4	37.2	ROCH20
SEFI10	NORWEB (UU)	1.0	115.9	115.9	12.0	Station Load
SMAN10	NORWEB (UU)	1.0	320.3	320.3	19.0	SMAN20
STAH10	NORWEB (UU)	1.0	60.0	60.0	4.8	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.9	392.2	392.2	0.0	STAL20
WASF1A	NORWEB (UU)	0.9	78.6	78.6	0.0	WASF2A
WASF1B	NORWEB (UU)	0.9	78.6	78.6	0.0	WASF2B
WHGA10	NORWEB (UU)	1.0	297.5	297.5	3.6	WHGA20
BARK10	Railtrack	0.9	0.0	0.0	0.0	BARK20_EPN
BARK40	Railtrack	1.0	22.0	10.0	0.0	
ELST4A	Railtrack	1.0	6.5	6.5	0.0	ELST20
ELST4B	Railtrack	1.0	6.5	6.5	0.0	ELST20
LEIB4A	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
LEIB4B	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
PAFB4A	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
PAFB4B	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
POPP20	Railtrack	0.8	5.8	5.8	0.0	POPP20
RUGE40	Railtrack	1.0	18.1	18.1	0.0	RUGE40
SELL30	Railtrack	1.0	12.0	12.0	0.0	SELL40
SING40	Railtrack	1.0	22.0	10.0	0.0	SING40
WYMO40	Railtrack	1.0	10.3	10.3	0.0	WYMO40
ABTH11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
AESB11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	
BLYT60	RWE Npower plc (Innogy)	0.9	0.0	0.0	0.0	BLYT20
CARE10	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	CARE20
FAWL40	RWE Npower plc (Innogy)	0.6	20.0	3.0	0.0	FAWL40
LITT12	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
LITT13	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
NFLW14	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
TILB11	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
TILB14	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
SAES20	Saltend	1.0	100.0	100.0	0.0	SAES20
BEDD11	SEEBOARD Power Networks	1.0	255.3	249.6		
BEDD12	SEEBOARD Power Networks	1.0	255.3	249.6		
BEDD1A	SEEBOARD Power Networks	1.0	112.6	109.8	17.0	
BEDD1B	SEEBOARD Power Networks	1.0	112.6	109.8	17.0	
BOLN11	SEEBOARD Power Networks	1.0	435.7	435.7	0.0	BOLN40
BOLN12	SEEBOARD Power Networks	1.0	435.7	435.7	0.0	BOLN40
CHSI10	SEEBOARD Power Networks	1.0	143.4	142.5		CHSI20
CHSI10	SEEBOARD Power Networks	1.0	208.7	199.6		CHSI20
CHSI1A	SEEBOARD Power Networks	1.0	112.6	109.8	17.0	CHSI20
CHSI1B	SEEBOARD Power Networks	1.0	112.6	109.8	17.0	CHSI20
KEMS13	SEEBOARD Power Networks	1.0	77.2	0.0		KEMS40
KINO10	SEEBOARD Power Networks	1.0	187.3	187.3	24.0	Station Load
LALE10	SEEBOARD Power Networks	1.0	71.5	71.1		LALE20_SPN
LITT12	SEEBOARD Power Networks	1.0	2.0	2.0		
LITT13	SEEBOARD Power Networks	1.0	2.0	2.0		
NFLE11	SEEBOARD Power Networks	1.0	102.9	102.9	9.3	
NFLE12	SEEBOARD Power Networks	1.0	102.9	102.9	9.3	
NFLW14	SEEBOARD Power Networks	1.0	2.0	2.0		
NINF11	SEEBOARD Power Networks	1.0	210.1	210.1		
NINF12	SEEBOARD Power Networks	1.0	210.1	210.1		
WIMB13	SEEBOARD Power Networks	1.0	112.6	109.8	17.0	
WIMB14	SEEBOARD Power Networks	1.0	112.6	109.8	17.0	WIMB20
WWEY11	SEEBOARD Power Networks	1.0	171.4	169.8		
WWEY12	SEEBOARD Power Networks	1.0	171.4	169.8		
GRST60	Sembcorp (Formerly ICI)	0.8	140.0	60.0	120.0	Station Load
MOSM50	SHELL	1.0	23.5	23.5	0.0	MOSM10
ABNE30	SHEPD	1.0	44.9	41.6	2.7	ABNE10
ALNE30	SHEPD	-1.0	37.4	27.1	0.0	ALNE1Q / ALNE1R
ARBR30	SHEPD	1.0	39.1	36.8	0.0	ARBR1Q / ARBR1R
ARMO30	SHEPD	-1.0	29.3	25.0	0.9	ARMO10
BEAU30	SHEPD	1.0	32.2	29.7	2.6	BEAU10
BOAG30	SHEPD	1.0	33.4	28.9	2.0	BOAG1Q / BOAG1R
BRAC30	SHEPD	1.0	40.2	37.4	1.5	BRAC1Q / BRAC1R
BRID30	SHEPD	1.0	33.5	32.1	0.0	BRID1Q / BRID1R
BROA30	SHEPD	1.0	13.9	6.4	1.1	BROA1Q
BROR30	SHEPD	1.0	11.5	8.2	0.0	BROR10
BUMU30	SHEPD	1.0	52.5	49.8	0.6	BUMU10
CAAD30	SHEPD	1.0	26.5	17.3	1.2	CAAD1Q / CAAD1R
CASS50	SHEPD	1.0	2.4	1.2	0.2	CASS1Q
CEAN50	SHEPD	0.9	3.3	-0.1	0.5	CEAN1Q
CHAR30	SHEPD	1.0	33.4	32.0	0.0	CHAR10
CLAC30	SHEPD	0.9	4.9	-4.7	8.4	CLAC1Q

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CLAY30	SHEPD	1.0	51.9	46.1	0.0	CLAY1Q / CLAY1R
COUA30	SHEPD	1.0	31.9	27.1	0.0	COUA10
CRAI30	SHEPD	1.0	33.6	32.8	0.0	CRAI10
DOUN50	SHEPD	1.0	8.0	6.3	0.0	DOUN10
DUBE30	SHEPD	-1.0	14.1	13.7	0.0	DUBE1Q
DUDH30	SHEPD	1.0	38.0	36.1	0.0	DUDH1Q / DUDH1R
DUGR30	SHEPD	1.0	7.9	6.2	1.6	DUGR1Q
DUNO30	SHEPD	1.0	23.2	16.3	4.8	DUNO1Q / DUNO1R
DYCE30	SHEPD	1.0	41.2	40.2	3.6	DYCE1Q / DYCE1R
ELGI30	SHEPD	1.0	58.7	55.0	0.0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.0	1.3	-0.2	1.0	FASN10
FAUG30	SHEPD	1.0	4.8	3.2	0.9	FAUG10
FIDD30	SHEPD	1.0	25.4	23.5	0.0	FIDD1Q
FRAS30	SHEPD	1.0	26.1	21.8	0.0	FRAS1Q / FRAS1R
FWIL30	SHEPD	1.0	66.4	31.3	5.2	FWIL1Q / FWIL1R
GLAG30	SHEPD	1.0	27.8	21.4	1.8	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.9	17.3	4.9	3.8	GRUB1Q / GRUB1R
INNE30	SHEPD	1.0	72.0	68.3	3.5	INNE1Q / INNE1R
KEIT30	SHEPD	0.9	70.1	54.4	0.0	KEIT10
KIIN30	SHEPD	0.1	2.9	0.3	0.0	KIIN10
KILO30	SHEPD	0.6	3.9	2.6	0.0	KILO10
KINT30	SHEPD	1.0	69.1	64.7	0.0	KINT10
LAIR50	SHEPD	0.6	2.0	-0.5	2.0	LAIR1Q
LUNA30	SHEPD	1.0	72.2	69.2	1.3	LUNA1Q / LUNA1R
LYND30	SHEPD	1.0	33.8	27.7	0.1	LYND1Q / LYND1R
MACD30	SHEPD	1.0	22.9	18.0	0.0	MACD1Q
MILC30	SHEPD	1.0	61.1	58.7	7.4	MILC10
MYBS30	SHEPD	1.0	14.9	9.2	0.0	MYBS1Q / MYBS1R
NAIR30	SHEPD	1.0	40.6	32.1	0.0	NAIR10
PEHG30	SHEPD	1.0	28.4	27.7	0.0	PEHG1Q / PEHG1R
PEHS50	SHEPD	1.0	9.2	5.7	0.0	PEHE10
PERS30	SHEPD	1.0	50.8	49.2	2.5	PERS10
PORA30	SHEPD	1.0	18.8	13.6	4.7	PORA1Q / PORA1R
RANN30	SHEPD	0.9	-0.4	-1.9	3.5	RANN1Q / RANN1R
REDM30	SHEPD	1.0	39.4	38.3	0.0	REDM1Q / REDM1R
SFEG50	SHEPD	1.0	15.1	13.1	0.0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.9	5.3	-2.7	5.0	SFIL1Q
SHIN50	SHEPD	1.0	4.0	1.8	0.0	SHIN10
SLOY11	SHEPD	1.0	0.8	0.7	0.0	SLOY10
SLOY12	SHEPD	1.0	0.8	0.7	0.0	
SLOY13	SHEPD	1.0	0.8	0.7	0.0	
SLOY14	SHEPD	1.0	0.8	0.7	0.0	
STLE30	SHEPD	0.9	14.0	9.1	2.0	STLE10
STRI30	SHEPD	1.0	19.7	15.0	0.0	STRI1Q / STRI1R
TARL30	SHEPD	1.0	24.9	17.3	0.0	TARL1Q / TARL1R
TAYN30	SHEPD	1.0	31.0	17.8	10.8	TAYN1Q / TAYN1R
THSO30	SHEPD	1.0	36.9	31.3	11.7	THSO1Q / THSO1R
TUMB30	SHEPD	1.0	14.0	12.7	1.2	TUMB1Q / TUMB1R
WIOW30	SHEPD	1.0	46.8	45.5	0.0	WIOW1Q / WIOW1R
WOHI30	SHEPD	1.0	44.8	44.7	0.0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	1.0	60.3	60.3	0.0	AMEM4A_EPN / AMEM4B_EPN
AXMI10	Southern Electric	1.0	125.8	125.8	2.8	AXMI40_SEP
BOTW10	Southern Electric	1.0	181.5	181.5	0.0	BOTW40
BRFL40	Southern Electric	1.0	1,398.4	1,398.4	68.5	BRFL40
BRLE13	Southern Electric	1.0	109.9	109.9	2.0	BRLE40
BRLE14	Southern Electric	1.0	109.9	109.9	2.0	BRLE40
CHIC10	Southern Electric	1.0	107.4	107.4	47.8	CHIC40
COWL10	Southern Electric	1.0	739.9	739.9	15.9	COWL40
EALI60	Southern Electric	1.0	239.1	252.4	6.0	EALI20
FAWL10	Southern Electric	0.9	323.5	323.5	249.9	FAWL40
IVER10	Southern Electric	0.9	431.9	431.9	36.7	IVER20
IVER60	Southern Electric	0.9	131.8	131.8	36.7	IVER20
LALE10	Southern Electric	0.9	237.8	237.8	17.6	LALE20_SPN
LOVE11	Southern Electric	1.0	328.9	328.9	3.9	
LOVE12	Southern Electric	1.0	328.9	328.9	3.9	
MANN10	Southern Electric	1.0	699.6	699.6	2.1	MANN40
MELK10	Southern Electric	1.0	403.4	403.4	9.2	MELK40_SEP
MITY11	Southern Electric	1.0	165.4	165.4	2.0	
MITY12	Southern Electric	1.0	165.4	165.4	2.0	
NHYD60	Southern Electric	0.9	208.6	208.6	0.0	NHYD2A / NHYD2B
NURS10	Southern Electric	1.0	492.2	492.2	62.8	NURS40
TYNE50	Southern Electric	0.9	6.8	6.8	0.0	TYNE20
WISD60	Southern Electric	1.0	132.3	132.3	0.0	WISD20_LPN
AYR20	SP Distribution	1.0	64.4	60.9	0.0	
BAGA10	SP Distribution	1.0	63.5	60.8	0.0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	1.0	44.7	42.8	0.0	BAIN10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
BERW10	SP Distribution	0.9	32.4	30.1	0.0	BERW1Q / BERW1R
BONN20	SP Distribution	1.0	83.6	66.4	0.0	BONN20
BRAE1	SP Distribution	1.0	39.8	37.5	0.0	
BROX10	SP Distribution	1.0	57.4	55.3	0.0	BROX1Q / BROX1R
CAFA10	SP Distribution	1.0	0.3	-5.0	5.0	CAFA1Q
CATY10	SP Distribution	1.0	61.7	55.4	0.0	CATY1Q / CATY1R
CHAP10	SP Distribution	1.0	47.0	46.2	0.0	CHAP10
CHAS20	SP Distribution	1.0	95.1	86.3	0.0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	1.0	75.2	72.3	6.8	CLYM20
COAT10	SP Distribution	1.0	46.9	31.2	0.0	
COAT30	SP Distribution	1.0	42.5	39.2	0.0	COAT2Q / COAT2R
COCK40	SP Distribution	1.0	43.8	42.2	0.0	
COYL10	SP Distribution	0.9	46.3	39.0	9.8	COYL10
CROO31	SP Distribution	1.0	35.8	35.8	0.0	CROO1Q / CROO1R
CROO32	SP Distribution	1.0	29.1	27.8	0.0	CROO1Q / CROO1R
CUMB10	SP Distribution	1.0	53.0	50.1	9.2	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.9	66.5	65.3	0.0	CUPA1Q / CUPA1R
CURR20	SP Distribution	1.0	13.0	12.9	0.0	CURR10
DEVM10	SP Distribution	1.0	44.2	33.8	0.0	DEVM10
DEVO10	SP Distribution	0.9	63.4	61.8	0.0	DEVO10
DEWP30	SP Distribution	1.0	105.7	99.1	0.0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.9	21.3	5.3	0.0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	1.0	77.8	77.2	0.0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	1.0	47.1	43.8	0.0	DUMF10
DUMF32	SP Distribution	0.9	18.8	10.1	0.0	DUMF10
DUMF50	SP Distribution	1.0	16.2	15.7	0.0	DUMF10
DUNB30	SP Distribution	1.0	50.3	27.1	0.0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	1.0	41.0	35.5	1.1	DUNF1Q / DUNF1R
EAST50	SP Distribution	1.0	0.4	-5.4	5.4	EAST1Q
ECCL30	SP Distribution	1.0	42.5	23.8	0.0	ECCL10
EERH30	SP Distribution	1.0	100.3	100.3	0.0	EERH20
EKIL30	SP Distribution	1.0	67.6	66.5	0.0	EKIL2S / EKIL2T
EKIS30	SP Distribution	1.0	38.8	32.0	3.9	EKIS20
ELDE10	SP Distribution	1.0	53.3	33.7	0.0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	1.0	25.5	25.4	0.0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.9	42.8	33.5	7.6	GALA10
GIFF30	SP Distribution	1.0	81.7	68.9	0.0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1.0	2.2	-11.9	13.6	GLLE10
GLLU30	SP Distribution	0.9	24.9	18.0	5.1	GLLU1Q / GLLU1R
GLNI30	SP Distribution	1.0	25.4	25.0	0.0	GLNI10
GLRO30	SP Distribution	1.0	44.9	44.3	0.0	GLRO20
GORG30	SP Distribution	1.0	36.7	34.1	0.0	GORG1Q / GORG1R
GOVA30	SP Distribution	1.0	41.8	39.0	0.0	GOVA1Q / GOVA1R
GRMO3	SP Distribution	1.0	34.0	33.1	4.5	
GRMO30	SP Distribution	1.0	35.6	31.9	0.0	GRMO20
HAGR3	SP Distribution	1.0	47.1	45.4	0.0	
HAWI30	SP Distribution	1.0	27.2	23.9	0.0	HAWI10
HELE30	SP Distribution	1.0	23.3	22.2	0.0	HELE10
HUNF30	SP Distribution	0.7	8.8	5.0	0.0	HUNF1Q / HUNF1R
INKE30	SP Distribution	1.0	52.5	51.1	0.0	INKE1Q / INKE1R
JOHN30	SP Distribution	1.0	47.5	45.5	0.0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	1.0	94.7	75.5	4.7	KAIM20
KEOO50	SP Distribution	-1.0	0.3	-13.5	13.8	KEOO10
KIER30	SP Distribution	1.0	75.1	73.9	1.6	KIER1Q / KIER1R
KILB30	SP Distribution	1.0	35.1	22.5	0.0	KILB1Q / KILB1R
KILB50	SP Distribution	1.0	11.2	11.1	0.0	KILB1Q / KILB1R
KILS30	SP Distribution	1.0	36.5	34.3	1.3	KILS20
KILT30	SP Distribution	1.0	88.6	87.1	0.0	KILT2Q / KILT2R
KILW30	SP Distribution	0.9	35.8	16.2	15.5	KILW10
LEVE30	SP Distribution	1.0	42.6	42.1	0.0	LEVE1Q / LEVE1R
LING30	SP Distribution	1.0	70.1	69.0	0.0	LING1Q / LING1R
LINM30	SP Distribution	0.8	58.0	36.0	19.5	LINM20
MAYB30	SP Distribution	1.0	24.7	20.4	1.0	MAYB10
NEAR30	SP Distribution	1.0	82.5	80.3	4.2	NEAR20
NETS30	SP Distribution	0.9	14.6	10.3	0.0	NETS10
PAIS3	SP Distribution	1.0	46.7	46.1	0.0	
PART30	SP Distribution	1.0	48.6	47.7	0.0	PART1Q / PART1R
POOB30	SP Distribution	1.0	104.9	103.7	3.0	POOB2Q / POOB2R
PORD30	SP Distribution	1.0	86.7	83.2	0.0	PORD2Q / PORD2R
RAVE30	SP Distribution	1.0	29.2	9.1	0.0	RAVE2Q / RAVE2R
REDH30	SP Distribution	1.0	48.2	42.5	0.0	REDH10
SACO3A	SP Distribution	1.0	44.7	37.4	11.7	SACO1Q / SACO1R
SACO3B	SP Distribution	1.0	34.5	26.7	0.0	SACO1Q / SACO1R
SANX30	SP Distribution	1.0	39.7	29.4	0.0	SANX1Q / SANX1R
SHRU30	SP Distribution	1.0	55.6	54.8	0.0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	1.0	106.6	103.6	0.0	SIGH2Q / SIGH2R

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
SPAV30	SP Distribution	1.0	42.2	39.6	0.0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.9	54.4	53.1	0.0	STHA20
STIR30	SP Distribution	0.9	82.8	74.5	0.0	STIR1S / STIR1T
STLE30	SP Distribution	1.0	54.5	51.6	0.0	STLE10
TELR30	SP Distribution	1.0	32.6	32.5	0.0	TELR1Q / TELR1R
TONG50	SP Distribution	1.0	27.8	23.9	0.0	TONG10
WFIE30	SP Distribution	0.9	37.6	27.1	8.1	WFIE10
WGEO30	SP Distribution	1.0	88.2	67.6	0.0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	1.0	64.3	64.0	0.0	WHHO2Q / WHHO2R
WISH10	SP Distribution	1.0	82.9	78.8	0.0	WISH20
BIRK10	SP MANWEB	1.0	272.0	272.0	1.8	BIRK20
CAPE10	SP MANWEB	1.0	252.8	236.9	0.8	CAPE20
CARR11	SP MANWEB	0.9	113.1	116.1	0.8	
CASK10	SP MANWEB	0.9	420.0	420.0	0.0	FROD40
CELL11	SP MANWEB	1.0	88.6	88.6	0.9	
CELL12	SP MANWEB	1.0	88.6	88.6	0.9	
CONQ10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
CONQ10	SP MANWEB	0.9	135.4	125.9	0.0	DEES40
FIDF11	SP MANWEB	0.9	66.8	66.8	0.3	
FIDF12	SP MANWEB	0.9	66.8	66.8	0.3	
FIDF13	SP MANWEB	0.9	66.8	66.8	0.3	FIDF20
FIDF14	SP MANWEB	0.9	66.8	66.8	0.3	
FROD11	SP MANWEB	1.0	38.4	38.4	0.3	
FROD12	SP MANWEB	1.0	38.4	38.4	0.3	
INCE11	SP MANWEB	1.0	54.4	31.0	0.0	
INCE12	SP MANWEB	1.0	54.4	31.0	0.0	
KIBY11	SP MANWEB	1.0	180.3	180.3	0.0	
KIBY12	SP MANWEB	1.0	180.3	180.3	0.0	
LEGA10	SP MANWEB	1.0	334.7	334.7	0.2	LEGA40
LISD10	SP MANWEB	1.0	359.4	360.5	0.5	LISD20
PENT10	SP MANWEB	1.0	209.0	187.8	0.5	PENT40
RAIN11	SP MANWEB	1.0	199.4	195.2	0.3	
RAIN12	SP MANWEB	1.0	199.4	195.2	0.3	
SHOT10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
SHOT10	SP MANWEB	0.9	135.4	125.9	0.0	DEES40
SWAN11	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20_SPM
SWAN12	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20_SPM
TRAW10	SP MANWEB	1.0	75.2	60.7	0.0	TRAW20
WYLF10	SP MANWEB	1.0	63.5	54.6	0.0	Station Load
FERR11	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
FERR12	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
ABTH11	WPD (formerly SWALEC (Infralec))	1.0	102.8	97.1	0.9	ABTH20
ABTH12	WPD (formerly SWALEC (Infralec))	1.0	102.8	97.1	0.9	ABTH20
AESB11	WPD (formerly SWALEC (Infralec))	1.0	102.8	97.1	0.9	
ALST31	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
ALST32	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
CARE10	WPD (formerly SWALEC (Infralec))	1.0	102.8	97.1	0.9	CARE20
GRAN60	WPD (formerly SWALEC (Infralec))	0.9	118.4	29.4	5.0	MAGA20
PEMB10	WPD (formerly SWALEC (Infralec))	1.0	209.2	196.1	1.6	PEMB40
PYLE10	WPD (formerly SWALEC (Infralec))	1.0	143.2	105.3	15.6	PYLE20
RASS10	WPD (formerly SWALEC (Infralec))	1.0	234.6	234.6	3.0	RASS40
SWAN11	WPD (formerly SWALEC (Infralec))	1.0	307.0	307.0	12.4	SWAN20_SPM
SWAN12	WPD (formerly SWALEC (Infralec))	1.0	307.0	307.0	12.4	SWAN20_SPM
UPPB10	WPD (formerly SWALEC (Infralec))	1.0	182.3	174.8	5.5	UPPB20
UPPB30	WPD (formerly SWALEC (Infralec))	1.0	104.7	99.1	0.0	UPPB20
USKM10	WPD (formerly SWALEC (Infralec))	1.0	269.0	262.7	1.5	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	1.0	43.7	0.0	0.0	MEAD10
ABHA11	WPD(formerly SWEB)	1.0	126.1	127.7	0.0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1.0	126.1	127.7	0.0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	1.0	210.4	204.9	0.0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	1.0	104.5	101.8	0.0	AXMI40_SEP
BRWA10	WPD(formerly SWEB)	0.9	208.7	203.3	0.0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1.0	309.8	337.2	0.0	EXET40
INDQ10	WPD(formerly SWEB)	1.0	454.3	442.5	0.0	INDQ40
IROA11	WPD(formerly SWEB)	1.0	160.3	156.1	0.0	IROA20_AQUIL
IROA12	WPD(formerly SWEB)	1.0	160.3	156.1	0.0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1.0	271.3	267.7	0.0	LAND40
OLDS11	WPD(formerly SWEB)	1.0	160.3	156.1	0.0	Station Load
SEAB11	WPD(formerly SWEB)	1.0	327.6	319.1	0.0	SEAB40
TAUN10	WPD(formerly SWEB)	0.9	121.3	118.1	0.0	TAUN4B
BRAW11	Yorkshire Electricity	1.0	112.7	112.7	0.0	BRAW20
BRAW11	Yorkshire Electricity	1.0	127.6	127.6	2.2	BRAW20
BRAW12	Yorkshire Electricity	1.0	112.7	112.7	0.0	BRAW20
BRAW12	Yorkshire Electricity	1.0	127.6	127.6	2.2	BRAW20
CAML60	Yorkshire Electricity	1.0	25.4	25.4	0.0	DRAX40
CREB11	Yorkshire Electricity	0.9	103.4	102.0	1.6	CREB40

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CREB11	Yorkshire Electricity	1.0	122.3	120.6	10.6	CREB40
CREB12	Yorkshire Electricity	0.9	103.4	102.0	1.6	CREB40
CREB12	Yorkshire Electricity	1.0	122.3	120.6	10.6	CREB40
DRAX11	Yorkshire Electricity	0.9	22.3	20.1	7.6	Station Load
DRAX12	Yorkshire Electricity	0.9	22.3	20.1	7.6	Station Load
ELLA11	Yorkshire Electricity	0.9	181.9	163.5	21.4	ELLA20
ELLA12	Yorkshire Electricity	0.9	181.9	163.5	21.4	ELLA20
FERR11	Yorkshire Electricity	0.9	70.6	60.6	30.7	FERR20_NED
FERR11	Yorkshire Electricity	0.9	76.0	65.3	0.0	FERR20_NED
FERR11	Yorkshire Electricity	0.9	89.4	87.1	0.9	FERR20_NED
FERR12	Yorkshire Electricity	0.9	70.6	60.6	30.7	FERR20_NED
FERR12	Yorkshire Electricity	0.9	76.0	65.3	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	89.4	87.1	0.9	FERR20_NED
FERR60	Yorkshire Electricity	1.0	92.7	92.7	5.4	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.9	189.4	147.8	24.2	GRIW40
JORD30	Yorkshire Electricity	1.0	66.8	62.7	0.0	JORD20
KEAD10	Yorkshire Electricity	1.0	405.1	256.7	106.0	KEAD40
KIRK10	Yorkshire Electricity	1.0	291.4	282.3	1.3	KIRK20
NEEP30	Yorkshire Electricity	1.0	78.3	77.4	2.3	NEEP20
NORL30	Yorkshire Electricity	1.0	62.7	61.1	0.2	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS31	Yorkshire Electricity	0.9	31.0	27.5	0.0	PITS20
PITS32	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.9	31.0	27.5	0.0	PITS20
SAEN10	Yorkshire Electricity	1.0	88.8	68.9	12.3	SAEN20
SHEC30	Yorkshire Electricity	1.0	98.9	92.2	0.0	SHEC20
SKLG10	Yorkshire Electricity	1.0	647.9	641.8	12.1	SKLG20
THUR60	Yorkshire Electricity	1.0	170.4	170.4	2.6	THUR20
WIBA30	Yorkshire Electricity	0.9	37.1	30.2	0.6	WIBA20
WMEL11	Yorkshire Electricity	0.9	130.6	129.1	6.0	WMEL20
WMEL11	Yorkshire Electricity	1.0	113.0	113.0	1.7	WMEL20
WMEL12	Yorkshire Electricity	0.9	130.6	129.1	6.0	WMEL20
WMEL12	Yorkshire Electricity	1.0	113.0	113.0	1.7	WMEL20
WMEL13	Yorkshire Electricity	0.9	130.6	129.1	6.0	WMEL20
WMEL13	Yorkshire Electricity	1.0	113.0	113.0	1.7	WMEL20

Table E.1.2 - 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	1.0	325.0	325.0	0.0	BLYT20
WYLF10	Anglesey Aluminium	1.0	290.0	290.0	0.0	Station Load
TEMP30	BOC	1.0	25.5	13.5	0.0	TEMP20
DUNG20	British Energy	0.8	7.0	7.0	0.0	Station Load
EGGB41	British Energy	0.8	40.0	17.0	0.0	Station Load
HEYS10	British Energy	0.8	115.0	61.0	0.0	Station Load
HINP21	British Energy	0.8	11.9	3.0	0.0	Station Load
HINP22	British Energy	0.8	11.9	3.0	0.0	Station Load
SIZE40	British Energy	0.9	4.0	4.0	0.0	Station Load
CHAP10	British Nuclear Group	0.9	0.0	0.0	0.0	CHAP10
DUNG20	British Nuclear Group	0.9	2.0	2.0	0.0	Station Load
HINP21	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
HINP22	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
IROA11	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_AQUIL
IROA12	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_SWEB
OLDS11	British Nuclear Group	0.9	1.7	1.7	0.0	Station Load
SIZE11	British Nuclear Group	0.8	1.0	1.0	0.0	
SIZE12	British Nuclear Group	0.8	1.0	1.0	0.0	
TRAW20	British Nuclear Group	0.9	1.0	1.0	0.0	TRAW20
WYLF10	British Nuclear Group	0.9	99.0	75.0	0.0	Station Load
TREM30	Celsa	0.9	95.0	0.0	0.0	TREM20
BESW10	Central Networks East (EMEB)	1.0	369.3	367.4	2.5	BESW20
BICF10	Central Networks East (EMEB)	1.0	163.3	162.8	4.9	BICF4A /BICF4B
CHTE11	Central Networks East (EMEB)	1.0	263.7	263.5	5.8	
CHTE12	Central Networks East (EMEB)	1.0	263.7	263.5	5.8	
COVE10	Central Networks East (EMEB)	1.0	501.7	484.2	25.3	COVE20
DRAK10	Central Networks East (EMEB)	1.0	185.0	181.1	1.4	DRAK20
ECLA10	Central Networks East (EMEB)	1.0	374.6	372.6	17.7	ECLA40_EME
ENDE10	Central Networks East (EMEB)	1.0	510.8	503.3	3.9	ENDE40
GREN11	Central Networks East (EMEB)	1.0	344.8	344.8	6.1	
GREN12	Central Networks East (EMEB)	1.0	344.8	344.8	6.1	
HAMH11	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	1.0	59.3	58.8	0.0	HAMH40_EME
RATS10	Central Networks East (EMEB)	1.0	566.0	539.2	12.2	RATS40
SBAR40	Central Networks East (EMEB)	1.0	102.1	102.1	0.0	SBAR40
STYC10	Central Networks East (EMEB)	1.0	176.4	172.2	8.5	STAY40
WALP11	Central Networks East (EMEB)	1.0	81.9	81.4	0.6	
WALP12	Central Networks East (EMEB)	1.0	81.9	81.4	0.6	
WALP13	Central Networks East (EMEB)	1.0	81.9	81.4	0.6	
WBUR10	Central Networks East (EMEB)	1.0	278.6	278.6	4.6	WBUR40
WILL10	Central Networks East (EMEB)	1.0	546.6	547.4	2.1	WILE20
BISW10	Central Networks West (Aquila)	1.0	462.9	456.5	1.8	BISW20
BUSH10	Central Networks West (Aquila)	1.0	156.4	156.4	4.9	BUSH20
BUST10	Central Networks West (Aquila)	1.0	356.7	345.3	2.0	BUST20
CELL11	Central Networks West (Aquila)	1.0	251.6	238.9	1.5	
CELL12	Central Networks West (Aquila)	1.0	251.6	238.9	1.5	
ECLA10	Central Networks West (Aquila)	1.0	66.0	60.1	0.0	ECLA40_EME
FECK60	Central Networks West (Aquila)	1.0	281.4	278.1	30.7	FECK20
GLOU10	Central Networks West (Aquila)	1.0	216.5	211.6	2.8	WALH40
GLOU11	Central Networks West (Aquila)	1.0	216.5	211.6	2.8	
GLOU12	Central Networks West (Aquila)	1.0	216.5	211.6	2.8	
HAMH11	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
IROA11	Central Networks West (Aquila)	1.0	31.1	30.8	0.0	IROA20_AQUIL
IROA12	Central Networks West (Aquila)	1.0	31.1	30.8	0.0	IROA20_SWEB
IRSH40	Central Networks West (Aquila)	1.0	84.1	83.8	0.0	IRSH40
IRSH40	Central Networks West (Aquila)	1.0	243.8	236.5	2.5	IRSH40
KITW10	Central Networks West (Aquila)	1.0	400.7	387.4	0.7	KITW20
LEAM10	Central Networks West (Aquila)	1.0	151.1	152.4	3.2	HAMH40_EME
NECH11	Central Networks West (Aquila)	1.0	176.9	158.4	0.9	
NECH12	Central Networks West (Aquila)	1.0	176.9	158.4	0.9	
OCKH10	Central Networks West (Aquila)	1.0	117.3	96.7	0.0	OCKH20
OLDB10	Central Networks West (Aquila)	1.0	98.2	88.1	1.6	OLDB20
OLDS11	Central Networks West (Aquila)	1.0	31.1	30.8	0.0	Station Load
PENN10	Central Networks West (Aquila)	1.0	310.0	295.6	6.7	PENN20
RUGE10	Central Networks West (Aquila)	1.0	229.4	226.0	2.1	RUGE40
WIEN10	Central Networks West (Aquila)	1.0	138.3	121.6	0.8	WIEN2A /WIEN2B
ABTH11	Centrica	0.9	3.6	1.5	0.0	ABTH20
ABTH12	Centrica	0.9	3.6	1.5	0.0	ABTH20
AESB11	Centrica	0.9	3.6	1.5	0.0	
CARE10	Centrica	0.9	3.6	1.5	0.0	CARE20
GREN11	Corby Power Ltd	1.0	0.0	0.0	0.0	
GREN12	Corby Power Ltd	1.0	0.0	0.0	0.0	

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ALDW31	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW31	CORUS	0.8	80.0	58.5	0.0	ALDW20
ALDW32	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW32	CORUS	0.8	80.0	58.5	0.0	ALDW20
GRT060	CORUS	0.8	8.0	8.0	0.0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5.0	3.0	0.0	RAVE2Q /RAVE2R
STSB60	CORUS	0.9	70.0	0.1	0.0	STSB40
TEMP30	CORUS	0.8	12.0	6.0	0.0	TEMP20
TINP32	CORUS	0.7	59.0	43.0	0.0	TINP2A /TINP2B
TODP60	CORUS	0.8	13.0	5.0	88.0	TODP20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WILL10	Derwent	1.0	0.0	0.0	0.0	WILE20
DRAX11	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX11	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.3	40.0	8.0	0.0	Station Load
GRAI40	E.ON (UK) plc (Powergen)	0.8	46.0	21.0	0.0	Station Load
IRON11	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
IRON12	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
KINO10	E.ON (UK) plc (Powergen)	0.8	40.0	10.0	0.0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.8	43.0	13.0	0.0	RATS40
SHRE10	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
AMEM10	Eastern Power Networks	1.0	64.0	54.6		AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	1.0	97.4	95.7		BARK20_EPN
BARW31	Eastern Power Networks	0.9	36.0	33.9		
BARW32	Eastern Power Networks	0.9	36.0	33.9		
BRFO10	Eastern Power Networks	1.0	639.6	622.8	103.9	BRFO40
BRIM10	Eastern Power Networks	0.9	235.0	235.3		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRRA10	Eastern Power Networks	0.9	684.3	667.6		RAYL40 / BRAI4A
BURW10	Eastern Power Networks	1.0	258.2	258.2	0.0	BURW40
EASO1A	Eastern Power Networks	1.0	121.8	101.4	15.9	
EASO1B	Eastern Power Networks	1.0	121.8	101.4	15.9	
ELRH10	Eastern Power Networks	1.0	485.8	485.8		ELST20 / RYEH40 / RYEH4A
ELST1A	Eastern Power Networks	1.0	42.9	42.1		
ELST1B	Eastern Power Networks	1.0	42.9	42.1		
ELWS10	Eastern Power Networks	1.0	307.7	302.0		ELST20 / WATS20
GREN11	Eastern Power Networks	1.0	48.3	48.3	0.1	
GREN12	Eastern Power Networks	1.0	48.3	48.3	0.1	
MILH11	Eastern Power Networks	1.0	102.4	102.4		
MILH12	Eastern Power Networks	1.0	102.4	102.4		
NORW10	Eastern Power Networks	1.0	610.1	610.1	5.3	NORW40
PEWY10	Eastern Power Networks	1.0	449.5	449.5		WYMO40 / PELH40
SUND11	Eastern Power Networks	1.0	253.7	253.7	13.9	
SUND12	Eastern Power Networks	1.0	253.7	253.7	13.9	
TILB11	Eastern Power Networks	1.0	47.7	42.7	6.5	TILB20
TILB12	Eastern Power Networks	1.0	48.7	47.5	3.9	TILB20
TILB13	Eastern Power Networks	1.0	48.7	47.5	3.9	TILB20
TILB14	Eastern Power Networks	1.0	47.7	42.7	6.5	TILB20
TOTT11	Eastern Power Networks	1.0	148.8	147.9	13.3	
TOTT12	Eastern Power Networks	1.0	148.8	147.9	13.3	
WALP11	Eastern Power Networks	1.0	163.1	163.1	17.3	
WALP12	Eastern Power Networks	1.0	163.1	163.1	17.3	
WALP13	Eastern Power Networks	1.0	163.1	163.1	17.3	
WARL10	Eastern Power Networks	1.0	229.3	226.6	9.4	WARL20
WATS12	Eastern Power Networks	1.0	196.9	196.9		WATS20
WISD10	Eastern Power Networks	1.0	44.6	44.2		WISD20_EME
WTHU60	Eastern Power Networks	1.0	33.5	31.3		WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	1.0	160.1	160.1	0.0	BARK20_EPN
BARW31	EDF (Formerly LPN)	0.9	93.5	90.0		
BARW32	EDF (Formerly LPN)	0.9	93.5	90.0		
BEHU10	EDF (Formerly LPN)	1.0	152.1	140.0		
BEHU10	EDF (Formerly LPN)	1.0	295.8	290.3		
BRIM10	EDF (Formerly LPN)	0.9	121.2	120.0		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
CITR11	EDF (Formerly LPN)	1.0	438.1	380.1	4.9	
CITR12	EDF (Formerly LPN)	1.0	438.1	380.1	4.9	
HACK10	EDF (Formerly LPN)	1.0	185.0	185.0		HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	1.0	167.0	162.1		HACK2A /HACK2B
LITT12	EDF (Formerly LPN)	1.0	51.0	51.0	2.5	
LITT13	EDF (Formerly LPN)	1.0	51.0	51.0	2.5	
LODR61	EDF (Formerly LPN)	1.0	211.4	203.0		
LODR62	EDF (Formerly LPN)	1.0	211.4	203.0		
MILH11	EDF (Formerly LPN)	0.9	12.5	9.9		

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
MILH12	EDF (Formerly LPN)	0.9	12.5	9.9		
NEWI10	EDF (Formerly LPN)	1.0	204.8	196.8		
NEWX61	EDF (Formerly LPN)	0.9	139.5	139.4		
NEWX62	EDF (Formerly LPN)	0.9	139.5	139.4		
NFLW14	EDF (Formerly LPN)	1.0	51.0	51.0	2.5	
REBR30	EDF (Formerly LPN)	1.0	131.1	131.1		REBR20
SJOW11	EDF (Formerly LPN)	1.0	353.2	327.3		
SJOW12	EDF (Formerly LPN)	1.0	353.2	327.3		
WHAM11	EDF (Formerly LPN)	1.0	288.4	258.8		
WHAM12	EDF (Formerly LPN)	1.0	288.4	258.8		
WIGP10	EDF (Formerly LPN)	1.0	624.9	612.6		WIMB20
WIMB14	EDF (Formerly LPN)	1.0	135.1	131.9	2.9	WIMB20
WISD10	EDF (Formerly LPN)	1.0	206.1	197.9		WISD20_EME
WISD60	EDF (Formerly LPN)	1.0	118.3	115.7		WISD20_LP
WBUR10	EdF Energy	0.7	60.0	9.0	0.0	WBUR40
SFEM50	Exxon Mobil	1.0	21.4	21.4	0.0	SFEM10
HUTT10	Fellside Heat and Power	0.9	21.5	21.5	0.0	HUTT40
SEFI10	Fellside Heat and Power	0.9	21.5	21.5	0.0	Station Load
DINO40	First Hydro	1.0	50.0	0.0	0.0	Station Load
DINO40	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	550.0	0.0	0.0	Station Load
BAGB20	GE Energy	0.9	27.0	27.0	530.0	Station Load
GRMO30	Ineos (Innovene) Grangemouth	1.0	74.8	74.8	0.0	GRMO20
RUGE10	International Power	0.9	30.0	4.0	0.0	RUGE40
CULJ31	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ32	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ33	J E T	0.9	0.0	0.0	0.0	CULJ4A
HARE30	MOD	0.8	14.0	14.0	0.0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.9	61.7	61.7	0.0	Station Load
SFEG10	National Grid	1.0	50.0	50.0	0.0	SFEG10
ALCA1A	Northern Electric	0.9	79.2	-47.3	0.0	BLYT20
ALCA1B	Northern Electric	0.9	79.2	-47.3	0.0	BLYT20
BLYT60	Northern Electric	1.0	176.4	174.5	7.7	BLYT20
FERR11	Northern Electric	0.9	90.5	88.1	0.9	FERR20_NED
FERR12	Northern Electric	0.9	90.5	88.1	0.9	FERR20_NED
FOUR70	Northern Electric	1.0	17.0	15.7	0.0	FOUR20
HARM60	Northern Electric	1.0	96.9	91.3	2.9	HARM20
HAWP60	Northern Electric	1.0	112.4	108.9	4.6	HAWP20
KNAR10	Northern Electric	1.0	0.0	0.0		KNAR20
LACK60	Northern Electric	1.0	226.3	189.8	4.4	LACK20
LYNE70	Northern Electric	0.9	79.2	-47.3	0.0	BLYT20
NORT11	Northern Electric	1.0	245.6	243.1	7.0	NORT20
NORT12	Northern Electric	1.0	245.6	243.1	7.0	NORT20
OFFE30	Northern Electric	1.0	72.5	70.2	0.0	OFFE20
OSBA10	Northern Electric	1.0	293.6	291.7	3.6	OSBA40
POPP30	Northern Electric	1.0	52.4	52.4	2.0	POPP20
SALH10	Northern Electric	1.0	93.7	-34.1	91.9	SALH20
SPEN10	Northern Electric	1.0	251.4	242.3	18.0	SPEN20
SSHI30	Northern Electric	1.0	53.0	49.7	0.0	SSHI20
STEN11	Northern Electric	1.0	116.6	112.9	2.0	STEW20
STEN12	Northern Electric	1.0	116.6	112.9	2.0	STEW20
STES10	Northern Electric	1.0	255.5	251.6	7.6	STEW20
TYNE10	Northern Electric	1.0	188.3	188.2	2.1	TYNE20
WBOL60	Northern Electric	1.0	272.8	264.8	0.1	WBOL20
BRED10	NORWEB (UU)	1.0	339.9	339.9	0.0	BRED20
CARR12	NORWEB (UU)	1.0	274.3	274.3	20.0	
HARK11	NORWEB (UU)	0.9	23.1	23.1	63.2	HARK20
HARK11	NORWEB (UU)	0.9	33.4	33.4	81.5	HARK20
HARK12	NORWEB (UU)	0.9	23.1	23.1	63.2	HARK20
HARK12	NORWEB (UU)	0.9	33.4	33.4	81.5	HARK20
HEYS10	NORWEB (UU)	0.9	-192.6	-192.6	297.9	Station Load
HUTT10	NORWEB (UU)	1.0	116.0	116.0	12.0	HUTT40
KEAR11	NORWEB (UU)	1.0	283.9	283.9	0.0	KEAR20
KEAR12	NORWEB (UU)	1.0	283.9	283.9	0.0	KEAR20
KEAR30	NORWEB (UU)	1.0	99.3	99.3	8.0	KEAR20
MACC30	NORWEB (UU)	0.9	61.8	61.8	15.0	MACC20
PADI10	NORWEB (UU)	1.0	199.0	199.0		PADI40
PENE11	NORWEB (UU)	1.0	106.9	106.9	0.0	PEWO40
PENE12	NORWEB (UU)	1.0	106.9	106.9	0.0	PEWO40
PENW11	NORWEB (UU)	1.0	60.1	60.1	4.8	PEWO20
PENW12	NORWEB (UU)	1.0	60.1	60.1	4.8	PEWO20
ROCH11	NORWEB (UU)	0.4	-0.3	-0.3	30.0	ROCH20
ROCH11	NORWEB (UU)	1.0	81.4	81.4	37.2	ROCH20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ROCH12	NORWEB (UU)	0.4	-0.3	-0.3	30.0	ROCH20
ROCH12	NORWEB (UU)	1.0	81.4	81.4	37.2	ROCH20
SEF10	NORWEB (UU)	1.0	116.0	116.0	12.0	Station Load
SMAN10	NORWEB (UU)	1.0	326.8	326.8	19.0	SMAN20
STAH10	NORWEB (UU)	1.0	60.1	60.1	4.8	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.9	395.8	395.8	0.0	STAL20
WASF1A	NORWEB (UU)	0.9	78.7	78.7	0.0	WASF2A
WASF1B	NORWEB (UU)	0.9	78.7	78.7	0.0	WASF2B
WHGA10	NORWEB (UU)	1.0	299.2	299.2	3.6	WHGA20
BARK10	Railtrack	0.9	0.0	0.0	0.0	BARK20_EPN
BARK40	Railtrack	1.0	37.0	37.0	0.0	
ELST4A	Railtrack	1.0	6.5	6.5	0.0	ELST20
ELST4B	Railtrack	1.0	6.5	6.5	0.0	ELST20
LEIB4A	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
LEIB4B	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
PAFB4A	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
PAFB4B	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
POPP20	Railtrack	0.8	5.8	5.8	0.0	POPP20
RUGE40	Railtrack	1.0	18.1	18.1	0.0	RUGE40
SELL30	Railtrack	1.0	37.0	37.0	0.0	SELL40
SING40	Railtrack	1.0	37.0	21.0	0.0	SING40
WYMO40	Railtrack	1.0	10.3	10.3	0.0	WYMO40
ABTH11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
AESB11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	
BLYT60	RWE Npower plc (Innogy)	0.9	0.0	0.0	0.0	BLYT20
CARE10	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	CARE20
FAWL40	RWE Npower plc (Innogy)	0.6	20.0	3.0	0.0	FAWL40
LITT12	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
LITT13	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
NFLW14	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
TILB11	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
TILB14	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
SAES20	Saltend	1.0	100.0	100.0	0.0	SAES20
BEDD11	SEEBOARD Power Networks	1.0	253.1	247.4		
BEDD12	SEEBOARD Power Networks	1.0	253.1	247.4		
BEDD1A	SEEBOARD Power Networks	1.0	110.8	108.0	17.0	
BEDD1B	SEEBOARD Power Networks	1.0	110.8	108.0	17.0	
BOLN11	SEEBOARD Power Networks	1.0	435.6	435.6	0.0	BOLN40
BOLN12	SEEBOARD Power Networks	1.0	435.6	435.6	0.0	BOLN40
CHSI10	SEEBOARD Power Networks	1.0	142.6	141.7		CHSI20
CHSI10	SEEBOARD Power Networks	1.0	206.2	197.1		CHSI20
CHSI1A	SEEBOARD Power Networks	1.0	110.8	108.0	17.0	CHSI20
CHSI1B	SEEBOARD Power Networks	1.0	110.8	108.0	17.0	CHSI20
KEMS13	SEEBOARD Power Networks	1.0	77.2	0.0		KEMS40
KINO10	SEEBOARD Power Networks	1.0	183.8	183.8	24.0	Station Load
LALE10	SEEBOARD Power Networks	1.0	71.1	70.7		LALE20_SPN
LITT12	SEEBOARD Power Networks	1.0	3.0	3.0		
LITT13	SEEBOARD Power Networks	1.0	3.0	3.0		
NFLE11	SEEBOARD Power Networks	1.0	101.8	101.8	9.3	
NFLE12	SEEBOARD Power Networks	1.0	101.8	101.8	9.3	
NFLW14	SEEBOARD Power Networks	1.0	3.0	3.0		
NINF11	SEEBOARD Power Networks	1.0	208.8	208.8		
NINF12	SEEBOARD Power Networks	1.0	208.8	208.8		
WIMB13	SEEBOARD Power Networks	1.0	110.8	108.0	17.0	
WIMB14	SEEBOARD Power Networks	1.0	110.8	108.0	17.0	WIMB20
WWEY11	SEEBOARD Power Networks	1.0	170.4	168.8		
WWEY12	SEEBOARD Power Networks	1.0	170.4	168.8		
GRST60	Sembcorp (Formerly ICI)	0.8	140.0	60.0	120.0	Station Load
MOSM50	SHELL	1.0	23.5	23.5	0.0	MOSM10
ABNE30	SHEPD	1.0	45.4	42.0	2.7	ABNE10
ALNE30	SHEPD	-1.0	37.5	27.3	0.0	ALNE1Q / ALNE1R
ARBR30	SHEPD	1.0	39.5	37.2	0.0	ARBR1Q / ARBR1R
ARMO30	SHEPD	-1.0	29.4	25.1	0.9	ARMO10
BEAU30	SHEPD	1.0	32.4	29.9	2.6	BEAU10
BOAG30	SHEPD	1.0	33.8	29.3	2.0	BOAG1Q / BOAG1R
BRAC30	SHEPD	1.0	40.5	37.6	1.5	BRAC1Q / BRAC1R
BRID30	SHEPD	1.0	33.7	32.3	0.0	BRID1Q / BRID1R
BROA30	SHEPD	1.0	14.2	6.5	1.1	BROA1Q
BROR30	SHEPD	1.0	11.7	8.4	0.0	BROR10
BUMU30	SHEPD	1.0	53.2	50.5	0.6	BUMU10
CAAD30	SHEPD	1.0	27.0	17.6	1.2	CAAD1Q / CAAD1R
CASS50	SHEPD	1.0	2.4	1.2	0.2	CASS1Q
CEAN50	SHEPD	0.9	3.4	-0.1	0.5	CEAN1Q
CHAR30	SHEPD	1.0	33.8	32.5	0.0	CHAR10
CLAC30	SHEPD	0.9	5.0	-4.6	8.4	CLAC1Q

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CLAY30	SHEPD	1.0	52.3	46.5	0.0	CLAY1Q / CLAY1R
COUA30	SHEPD	1.0	32.1	27.3	0.0	COUA10
CRAI30	SHEPD	1.0	34.2	33.4	0.0	CRAI10
DOUN50	SHEPD	1.0	8.0	6.4	0.0	DOUN10
DUBE30	SHEPD	-1.0	14.5	14.1	0.0	DUBE1Q
DUDH30	SHEPD	1.0	38.6	36.6	0.0	DUDH1Q / DUDH1R
DUGR30	SHEPD	1.0	8.0	6.3	1.6	DUGR1Q
DUNO30	SHEPD	1.0	23.5	16.5	4.8	DUNO1Q / DUNO1R
DYCE30	SHEPD	1.0	42.0	41.0	3.6	DYCE1Q / DYCE1R
ELGI30	SHEPD	1.0	59.2	55.5	0.0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.0	1.4	-0.2	1.0	FASN10
FAUG30	SHEPD	1.0	4.9	3.2	0.9	FAUG10
FIDD30	SHEPD	1.0	25.9	24.0	0.0	FIDD1Q
FRAS30	SHEPD	1.0	26.9	22.5	0.0	FRAS1Q / FRAS1R
FWIL30	SHEPD	1.0	67.6	31.9	5.2	FWIL1Q / FWIL1R
GLAG30	SHEPD	1.0	28.3	21.8	1.8	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.9	17.7	5.0	3.8	GRUB1Q / GRUB1R
INNE30	SHEPD	1.0	72.8	69.1	3.5	INNE1Q / INNE1R
KEIT30	SHEPD	0.9	70.8	54.9	0.0	KEIT10
KIIN30	SHEPD	0.1	3.0	0.4	0.0	KIIN10
KILO30	SHEPD	0.6	4.0	2.7	0.0	KILO10
KINT30	SHEPD	1.0	69.6	65.2	0.0	KINT10
LAIR50	SHEPD	0.6	2.1	-0.5	2.0	LAIR1Q
LUNA30	SHEPD	1.0	72.5	69.5	1.3	LUNA1Q / LUNA1R
LYND30	SHEPD	1.0	34.0	27.8	0.1	LYND1Q / LYND1R
MACD30	SHEPD	1.0	23.1	18.1	0.0	MACD1Q
MILC30	SHEPD	1.0	61.7	59.2	7.4	MILC10
MYBS30	SHEPD	1.0	15.1	9.4	0.0	MYBS1Q / MYBS1R
NAIR30	SHEPD	1.0	41.1	32.5	0.0	NAIR10
PEHG30	SHEPD	1.0	28.8	28.1	0.0	PEHG1Q / PEHG1R
PEHS50	SHEPD	1.0	9.3	5.7	0.0	PEHE10
PERS30	SHEPD	1.0	51.4	49.9	2.5	PERS10
PORA30	SHEPD	1.0	19.0	13.8	4.7	PORA1Q / PORA1R
RANN30	SHEPD	0.9	-0.3	-1.9	3.5	RANN1Q / RANN1R
REDM30	SHEPD	1.0	39.8	38.8	0.0	REDM1Q / REDM1R
SFEG50	SHEPD	1.0	15.4	13.3	0.0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.9	5.3	-2.7	5.0	SFIL1Q
SHIN50	SHEPD	1.0	4.0	1.8	0.0	SHIN10
SLOY11	SHEPD	1.0	0.8	0.7	0.0	SLOY10
SLOY12	SHEPD	1.0	0.8	0.7	0.0	
SLOY13	SHEPD	1.0	0.8	0.7	0.0	
SLOY14	SHEPD	1.0	0.8	0.7	0.0	
STLE30	SHEPD	0.9	14.1	9.1	2.0	STLE10
STRI30	SHEPD	1.0	19.9	15.2	0.0	STRI1Q / STRI1R
TARL30	SHEPD	1.0	25.3	17.6	0.0	TARL1Q / TARL1R
TAYN30	SHEPD	1.0	31.5	18.2	10.8	TAYN1Q / TAYN1R
THSO30	SHEPD	1.0	37.5	31.8	11.7	THSO1Q / THSO1R
TUMB30	SHEPD	1.0	14.2	12.9	1.2	TUMB1Q / TUMB1R
WIOW30	SHEPD	1.0	47.1	45.8	0.0	WIOW1Q / WIOW1R
WOHI30	SHEPD	1.0	45.4	45.3	0.0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	1.0	60.6	60.6	0.0	AMEM4A_EPN / AMEM4B_EPN
AXMI10	Southern Electric	1.0	125.8	125.8	2.8	AXMI40_SEP
BOTW10	Southern Electric	1.0	182.5	182.5	0.0	BOTW40
BRFL40	Southern Electric	1.0	1,410.4	1,410.4	68.5	BRFL40
BRLE13	Southern Electric	1.0	112.4	112.4	2.0	BRLE40
BRLE14	Southern Electric	1.0	112.4	112.4	2.0	BRLE40
CHIC10	Southern Electric	1.0	107.5	107.5	47.8	CHIC40
COWL10	Southern Electric	1.0	750.2	750.2	15.9	COWL40
EALI60	Southern Electric	1.0	246.0	259.7	6.0	EALI20
FAWL10	Southern Electric	0.9	325.1	325.1	249.9	FAWL40
IVER10	Southern Electric	0.9	447.5	447.5	36.7	IVER20
IVER60	Southern Electric	0.9	133.2	133.2	36.7	IVER20
LALE10	Southern Electric	0.9	242.5	242.5	17.6	LALE20_SPN
LOVE11	Southern Electric	1.0	332.0	332.0	3.9	
LOVE12	Southern Electric	1.0	332.0	332.0	3.9	
MANN10	Southern Electric	1.0	704.0	704.0	2.1	MANN40
MELK10	Southern Electric	1.0	404.1	404.1	9.2	MELK40_SEP
MITY11	Southern Electric	1.0	168.1	168.1	2.0	
MITY12	Southern Electric	1.0	168.1	168.1	2.0	
NHYD60	Southern Electric	0.9	221.3	221.3	0.0	NHYD2A / NHYD2B
NURS10	Southern Electric	1.0	496.5	496.5	62.8	NURS40
TYNE50	Southern Electric	0.9	6.9	6.9	0.0	TYNE20
WISD60	Southern Electric	1.0	142.8	142.8	0.0	WISD20_LPN
AYR20	SP Distribution	1.0	64.8	61.3	0.0	
BAGA10	SP Distribution	1.0	63.9	61.2	0.0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	1.0	45.0	43.1	0.0	BAIN10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
BERW10	SP Distribution	0.9	32.7	30.3	0.0	BERW1Q / BERW1R
BONN20	SP Distribution	1.0	84.1	66.9	0.0	BONN20
BRAE1	SP Distribution	1.0	40.1	37.7	0.0	
BROX10	SP Distribution	1.0	57.8	55.7	0.0	BROX1Q / BROX1R
CAFA10	SP Distribution	1.0	0.3	-5.1	5.0	CAFA1Q
CATY10	SP Distribution	1.0	62.1	55.7	0.0	CATY1Q / CATY1R
CHAP10	SP Distribution	1.0	47.3	46.5	0.0	CHAP10
CHAS20	SP Distribution	1.0	95.7	86.9	0.0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	1.0	75.7	72.8	6.8	CLYM20
COAT10	SP Distribution	1.0	47.2	31.4	0.0	
COAT30	SP Distribution	1.0	42.8	39.5	0.0	COAT2Q / COAT2R
COCK40	SP Distribution	1.0	44.0	42.4	0.0	
COYL10	SP Distribution	0.9	46.6	39.3	9.8	COYL10
CROO31	SP Distribution	1.0	36.1	36.1	0.0	CROO1Q / CROO1R
CROO32	SP Distribution	1.0	29.3	27.9	0.0	CROO1Q / CROO1R
CUMB10	SP Distribution	1.0	53.3	50.4	9.2	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.9	66.9	65.8	0.0	CUPA1Q / CUPA1R
CURR20	SP Distribution	1.0	13.1	13.0	0.0	CURR10
DEVM10	SP Distribution	1.0	44.5	34.0	0.0	DEVM10
DEVO10	SP Distribution	0.9	63.8	62.2	0.0	DEVO10
DEWP30	SP Distribution	1.0	106.4	99.7	0.0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.9	21.4	5.3	0.0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	1.0	78.3	77.7	0.0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	1.0	47.4	44.1	0.0	DUMF10
DUMF32	SP Distribution	0.9	18.9	10.1	0.0	DUMF10
DUMF50	SP Distribution	1.0	16.3	15.8	0.0	DUMF10
DUNB30	SP Distribution	1.0	50.6	27.3	0.0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	1.0	41.3	35.7	1.1	DUNF1Q / DUNF1R
EAST50	SP Distribution	1.0	0.4	-5.5	5.4	EAST1Q
ECCL30	SP Distribution	1.0	42.8	23.9	0.0	ECCL10
EERH30	SP Distribution	1.0	100.9	100.9	0.0	EERH20
EKIL30	SP Distribution	1.0	68.1	66.9	0.0	EKIL2S / EKIL2T
EKIS30	SP Distribution	1.0	39.1	32.2	3.9	EKIS20
ELDE10	SP Distribution	1.0	53.7	33.9	0.0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	1.0	25.6	25.6	0.0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.9	43.1	33.7	7.6	GALA10
GIFF30	SP Distribution	1.0	82.2	69.4	0.0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1.0	2.2	-12.0	13.6	GLLE10
GLLU30	SP Distribution	0.9	25.1	18.1	5.1	GLLU1Q / GLLU1R
GLNI30	SP Distribution	1.0	25.6	25.2	0.0	GLNI10
GLRO30	SP Distribution	1.0	45.2	44.6	0.0	GLRO20
GORG30	SP Distribution	1.0	36.9	34.4	0.0	GORG1Q / GORG1R
GOVA30	SP Distribution	1.0	42.0	39.3	0.0	GOVA1Q / GOVA1R
GRMO3	SP Distribution	1.0	34.2	33.3	4.5	
GRMO30	SP Distribution	1.0	35.8	32.1	0.0	GRMO20
HAGR3	SP Distribution	1.0	47.4	45.7	0.0	
HAWI30	SP Distribution	1.0	27.4	24.0	0.0	HAWI10
HELE30	SP Distribution	1.0	23.5	22.3	0.0	HELE10
HUNF30	SP Distribution	0.7	8.8	5.1	0.0	HUNF1Q / HUNF1R
INKE30	SP Distribution	1.0	52.8	51.4	0.0	INKE1Q / INKE1R
JOHN30	SP Distribution	1.0	47.8	45.8	0.0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	1.0	95.3	76.0	4.7	KAIM20
KEOO50	SP Distribution	-1.0	0.3	-13.6	13.8	KEOO10
KIER30	SP Distribution	1.0	75.6	74.4	1.6	KIER1Q / KIER1R
KILB30	SP Distribution	1.0	35.4	22.7	0.0	KILB1Q / KILB1R
KILB50	SP Distribution	1.0	11.3	11.1	0.0	KILB1Q / KILB1R
KILS30	SP Distribution	1.0	36.7	34.5	1.3	KILS20
KILT30	SP Distribution	1.0	89.2	87.6	0.0	KILT2Q / KILT2R
KILW30	SP Distribution	0.9	36.0	16.3	15.5	KILW10
LEVE30	SP Distribution	1.0	42.9	42.4	0.0	LEVE1Q / LEVE1R
LING30	SP Distribution	1.0	70.6	69.4	0.0	LING1Q / LING1R
LINM30	SP Distribution	0.8	58.4	36.2	19.5	LINM20
MAYB30	SP Distribution	1.0	24.9	20.5	1.0	MAYB10
NEAR30	SP Distribution	1.0	83.1	80.8	4.2	NEAR20
NETS30	SP Distribution	0.9	14.7	10.3	0.0	NETS10
PAIS3	SP Distribution	1.0	47.0	46.4	0.0	
PART30	SP Distribution	1.0	48.9	48.0	0.0	PART1Q / PART1R
POOB30	SP Distribution	1.0	105.6	104.4	3.0	POOB2Q / POOB2R
PORD30	SP Distribution	1.0	87.2	83.7	0.0	PORD2Q / PORD2R
RAVE30	SP Distribution	1.0	29.4	9.1	0.0	RAVE2Q / RAVE2R
REDH30	SP Distribution	1.0	48.5	42.8	0.0	REDH10
SACO3A	SP Distribution	1.0	45.0	37.7	11.7	SACO1Q / SACO1R
SACO3B	SP Distribution	1.0	34.7	26.9	0.0	SACO1Q / SACO1R
SANX30	SP Distribution	1.0	40.0	29.6	0.0	SANX1Q / SANX1R
SHRU30	SP Distribution	1.0	55.9	55.1	0.0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	1.0	107.3	104.2	0.0	SIGH2Q / SIGH2R

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
SPAV30	SP Distribution	1.0	42.5	39.8	0.0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.9	54.8	53.4	0.0	STHA20
STIR30	SP Distribution	0.9	83.4	75.0	0.0	STIR1S / STIR1T
STLE30	SP Distribution	1.0	54.8	52.0	0.0	STLE10
TELR30	SP Distribution	1.0	32.8	32.7	0.0	TELR1Q / TELR1R
TONG50	SP Distribution	1.0	28.0	24.1	0.0	TONG10
WFIE30	SP Distribution	0.9	37.8	27.3	8.1	WFIE10
WGEO30	SP Distribution	1.0	88.8	68.1	0.0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	1.0	64.8	64.4	0.0	WHHO2Q / WHHO2R
WISH10	SP Distribution	1.0	83.5	79.3	0.0	WISH20
BIRK10	SP MANWEB	1.0	269.0	269.0	1.8	BIRK20
CAPE10	SP MANWEB	1.0	251.1	235.3	0.8	CAPE20
CARR11	SP MANWEB	0.9	115.1	118.2	0.8	
CASK10	SP MANWEB	0.9	420.0	420.0	0.0	FROD40
CELL11	SP MANWEB	1.0	88.6	88.6	0.9	
CELL12	SP MANWEB	1.0	88.6	88.6	0.9	
CONQ10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
CONQ10	SP MANWEB	0.9	136.2	126.6	0.0	DEES40
FIDF11	SP MANWEB	0.9	68.0	68.0	0.3	
FIDF12	SP MANWEB	0.9	68.0	68.0	0.3	
FIDF13	SP MANWEB	0.9	68.0	68.0	0.3	FIDF20
FIDF14	SP MANWEB	0.9	68.0	68.0	0.3	
FROD11	SP MANWEB	1.0	38.6	38.6	0.3	
FROD12	SP MANWEB	1.0	38.6	38.6	0.3	
INCE11	SP MANWEB	1.0	55.2	31.4	0.0	
INCE12	SP MANWEB	1.0	55.2	31.4	0.0	
KIBY11	SP MANWEB	1.0	181.8	181.8	0.0	
KIBY12	SP MANWEB	1.0	181.8	181.8	0.0	
LEGA10	SP MANWEB	1.0	338.1	338.1	0.2	LEGA40
LISD10	SP MANWEB	1.0	371.1	372.2	0.5	LISD20
PENT10	SP MANWEB	1.0	209.4	188.2	0.5	PENT40
RAIN11	SP MANWEB	1.0	197.9	193.8	0.3	
RAIN12	SP MANWEB	1.0	197.9	193.8	0.3	
SHOT10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
SHOT10	SP MANWEB	0.9	136.2	126.6	0.0	DEES40
SWAN11	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20 SPM
SWAN12	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20 SPM
TRAW10	SP MANWEB	1.0	75.6	61.0	0.0	TRAW20
WYLF10	SP MANWEB	1.0	64.3	55.3	0.0	Station Load
FERR11	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
FERR12	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
ABTH11	WPD (formerly SWALEC (Infralec))	1.0	104.0	98.3	0.9	ABTH20
ABTH12	WPD (formerly SWALEC (Infralec))	1.0	104.0	98.3	0.9	ABTH20
AESB11	WPD (formerly SWALEC (Infralec))	1.0	104.0	98.3	0.9	
ALST31	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
ALST32	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
CARE10	WPD (formerly SWALEC (Infralec))	1.0	104.0	98.3	0.9	CARE20
GRAN60	WPD (formerly SWALEC (Infralec))	0.9	118.8	29.5	5.0	MAGA20
PEMB10	WPD (formerly SWALEC (Infralec))	1.0	210.4	197.3	1.6	PEMB40
PYLE10	WPD (formerly SWALEC (Infralec))	1.0	144.6	107.0	15.6	PYLE20
RASS10	WPD (formerly SWALEC (Infralec))	1.0	239.6	239.6	3.0	RASS40
SWAN11	WPD (formerly SWALEC (Infralec))	1.0	311.7	311.8	12.4	SWAN20 SPM
SWAN12	WPD (formerly SWALEC (Infralec))	1.0	311.7	311.8	12.4	SWAN20 SPM
UPPB10	WPD (formerly SWALEC (Infralec))	1.0	186.3	178.4	5.5	UPPB20
UPPB30	WPD (formerly SWALEC (Infralec))	1.0	106.0	100.4	0.0	UPPB20
USKM10	WPD (formerly SWALEC (Infralec))	1.0	273.2	264.7	1.5	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	1.0	43.7	0.0	0.0	MEAD10
ABHA11	WPD(formerly SWEB)	1.0	127.8	128.4	0.0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1.0	127.8	128.4	0.0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	1.0	214.1	207.1	0.0	ALVE4A / ALVE4B
AXM10	WPD(formerly SWEB)	1.0	105.6	102.2	0.0	AXM40_SEP
BRWA10	WPD(formerly SWEB)	0.9	210.1	203.2	0.0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1.0	315.6	340.5	0.0	EXET40
INDQ10	WPD(formerly SWEB)	1.0	464.2	449.1	0.0	INDQ40
IROA11	WPD(formerly SWEB)	1.0	163.4	158.0	0.0	IROA20_AQUIL
IROA12	WPD(formerly SWEB)	1.0	163.4	158.0	0.0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1.0	275.0	269.4	0.0	LAND40
OLDS11	WPD(formerly SWEB)	1.0	163.4	158.0	0.0	Station Load
SEAB11	WPD(formerly SWEB)	1.0	337.0	326.0	0.0	SEAB40
TAUN10	WPD(formerly SWEB)	0.9	120.4	116.5	0.0	TAUN4B
BRAW11	Yorkshire Electricity	1.0	113.9	113.9	0.0	BRAW20
BRAW11	Yorkshire Electricity	1.0	128.2	128.2	2.2	BRAW20
BRAW12	Yorkshire Electricity	1.0	113.9	113.9	0.0	BRAW20
BRAW12	Yorkshire Electricity	1.0	128.2	128.2	2.2	BRAW20
CAML60	Yorkshire Electricity	1.0	25.6	25.5	0.0	DRAX40
CREB11	Yorkshire Electricity	0.9	104.3	102.9	1.6	CREB40

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CREB11	Yorkshire Electricity	1.0	122.9	121.2	10.6	CREB40
CREB12	Yorkshire Electricity	0.9	104.3	102.9	1.6	CREB40
CREB12	Yorkshire Electricity	1.0	122.9	121.2	10.6	CREB40
DRAX11	Yorkshire Electricity	0.9	22.4	20.2	7.6	Station Load
DRAX12	Yorkshire Electricity	0.9	22.4	20.2	7.6	Station Load
ELLA11	Yorkshire Electricity	0.9	182.8	164.3	21.4	ELLA20
ELLA12	Yorkshire Electricity	0.9	182.8	164.3	21.4	ELLA20
FERR11	Yorkshire Electricity	0.9	70.9	60.9	30.7	FERR20_NED
FERR11	Yorkshire Electricity	0.9	77.2	66.3	0.0	FERR20_NED
FERR11	Yorkshire Electricity	0.9	90.5	88.1	0.9	FERR20_NED
FERR12	Yorkshire Electricity	0.9	70.9	60.9	30.7	FERR20_NED
FERR12	Yorkshire Electricity	0.9	77.2	66.3	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	90.5	88.1	0.9	FERR20_NED
FERR60	Yorkshire Electricity	1.0	93.1	93.1	5.4	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.9	190.2	148.5	24.2	GRIW40
JORD30	Yorkshire Electricity	1.0	67.0	62.9	0.0	JORD20
KEAD10	Yorkshire Electricity	1.0	406.3	257.4	106.0	KEAD40
KIRK10	Yorkshire Electricity	1.0	294.0	284.8	1.3	KIRK20
NEEP30	Yorkshire Electricity	1.0	78.7	77.7	2.3	NEEP20
NORL30	Yorkshire Electricity	1.0	63.0	61.4	0.2	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS31	Yorkshire Electricity	0.9	31.5	28.0	0.0	PITS20
PITS32	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.9	31.5	28.0	0.0	PITS20
SAEN10	Yorkshire Electricity	1.0	115.0	89.3	12.3	SAEN20
SHEC30	Yorkshire Electricity	1.0	99.3	92.6	0.0	SHEC20
SKLG10	Yorkshire Electricity	1.0	652.9	646.7	12.1	SKLG20
THUR60	Yorkshire Electricity	1.0	171.1	171.1	2.6	THUR20
WIBA30	Yorkshire Electricity	0.9	38.0	31.0	0.6	WIBA20
WMEL11	Yorkshire Electricity	0.9	132.1	130.6	6.0	WMEL20
WMEL11	Yorkshire Electricity	1.0	114.1	114.1	1.7	WMEL20
WMEL12	Yorkshire Electricity	0.9	132.1	130.6	6.0	WMEL20
WMEL12	Yorkshire Electricity	1.0	114.1	114.1	1.7	WMEL20
WMEL13	Yorkshire Electricity	0.9	132.1	130.6	6.0	WMEL20
WMEL13	Yorkshire Electricity	1.0	114.1	114.1	1.7	WMEL20

Table E.1.3 - 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	1.0	325.0	325.0	0.0	BLYT20
WYLF10	Anglesey Aluminium	1.0	290.0	290.0	0.0	Station Load
TEMP30	BOC	1.0	25.5	13.5	0.0	TEMP20
DUNG20	British Energy	0.8	7.0	7.0	0.0	Station Load
EGGB41	British Energy	0.8	40.0	17.0	0.0	Station Load
HEYS10	British Energy	0.8	115.0	61.0	0.0	Station Load
HINP21	British Energy	0.8	11.9	3.0	0.0	Station Load
HINP22	British Energy	0.8	11.9	3.0	0.0	Station Load
SIZE40	British Energy	0.9	4.0	4.0	0.0	Station Load
CHAP10	British Nuclear Group	0.9	0.0	0.0	0.0	CHAP10
DUNG20	British Nuclear Group	0.9	2.0	2.0	0.0	Station Load
HINP21	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
HINP22	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
IROA11	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_AQUIL
IROA12	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_SWEB
OLDS11	British Nuclear Group	0.9	1.7	1.7	0.0	Station Load
SIZE11	British Nuclear Group	0.8	1.0	1.0	0.0	
SIZE12	British Nuclear Group	0.8	1.0	1.0	0.0	
TRAW20	British Nuclear Group	0.9	1.0	1.0	0.0	TRAW20
WYLF10	British Nuclear Group	0.9	99.0	75.0	0.0	Station Load
TREM30	Celsa	0.9	95.0	0.0	0.0	TREM20
BESW10	Central Networks East (EMEB)	1.0	377.2	375.3	2.5	BESW20
BICF10	Central Networks East (EMEB)	1.0	166.8	166.3	4.9	BICF4A /BICF4B
CHTE11	Central Networks East (EMEB)	1.0	269.4	269.1	5.8	
CHTE12	Central Networks East (EMEB)	1.0	269.4	269.1	5.8	
COVE10	Central Networks East (EMEB)	1.0	514.2	496.2	25.3	COVE20
DRAK10	Central Networks East (EMEB)	1.0	189.0	185.0	1.4	DRAK20
ECLA10	Central Networks East (EMEB)	1.0	398.7	396.8	17.7	ECLA40_EME
ENDE10	Central Networks East (EMEB)	1.0	521.7	514.0	3.9	ENDE40
GREN11	Central Networks East (EMEB)	1.0	352.2	352.2	6.1	
GREN12	Central Networks East (EMEB)	1.0	352.2	352.2	6.1	
HAMH11	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	1.0	60.6	60.0	0.0	HAMH40_EME
RATS10	Central Networks East (EMEB)	1.0	578.1	550.8	12.2	RATS40
SBAR40	Central Networks East (EMEB)	1.0	104.3	104.3	0.0	SBAR40
STYC10	Central Networks East (EMEB)	1.0	180.2	175.8	8.5	STAY40
WALP11	Central Networks East (EMEB)	1.0	83.6	83.1	0.6	
WALP12	Central Networks East (EMEB)	1.0	83.6	83.1	0.6	
WALP13	Central Networks East (EMEB)	1.0	83.6	83.1	0.6	
WBUR10	Central Networks East (EMEB)	1.0	283.0	283.0	4.6	WBUR40
WILL10	Central Networks East (EMEB)	1.0	583.1	582.9	2.1	WILE20
BISW10	Central Networks West (Aquila)	1.0	469.4	462.9	1.8	BISW20
BUSH10	Central Networks West (Aquila)	1.0	156.9	156.9	4.9	BUSH20
BUST10	Central Networks West (Aquila)	1.0	358.0	346.5	2.0	BUST20
CELL11	Central Networks West (Aquila)	1.0	252.5	239.8	1.5	
CELL12	Central Networks West (Aquila)	1.0	252.5	239.8	1.5	
ECLA10	Central Networks West (Aquila)	1.0	66.3	60.3	0.0	ECLA40_EME
FECK60	Central Networks West (Aquila)	1.0	282.4	279.1	30.7	FECK20
GLOU10	Central Networks West (Aquila)	1.0	219.7	214.6	2.8	WALH40
GLOU11	Central Networks West (Aquila)	1.0	219.7	214.6	2.8	
GLOU12	Central Networks West (Aquila)	1.0	219.7	214.6	2.8	
HAMH11	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
IROA11	Central Networks West (Aquila)	1.0	34.7	34.2	0.0	IROA20_AQUIL
IROA12	Central Networks West (Aquila)	1.0	34.7	34.2	0.0	IROA20_SWEB
IRSH40	Central Networks West (Aquila)	1.0	84.4	84.1	0.0	IRSH40
IRSH40	Central Networks West (Aquila)	1.0	246.7	239.3	2.5	IRSH40
KITW10	Central Networks West (Aquila)	1.0	402.2	388.8	0.7	KITW20
LEAM10	Central Networks West (Aquila)	1.0	151.6	152.9	3.2	HAMH40_EME
NECH11	Central Networks West (Aquila)	1.0	177.5	158.9	0.9	
NECH12	Central Networks West (Aquila)	1.0	177.5	158.9	0.9	
OCHK10	Central Networks West (Aquila)	1.0	117.7	97.1	0.0	OCHK20
OLDB10	Central Networks West (Aquila)	1.0	98.6	88.4	1.6	OLDB20
OLDS11	Central Networks West (Aquila)	1.0	34.7	34.2	0.0	Station Load
PENN10	Central Networks West (Aquila)	1.0	311.2	296.7	6.7	PENN20
RUGE10	Central Networks West (Aquila)	1.0	230.2	226.8	2.1	RUGE40
WIEN10	Central Networks West (Aquila)	1.0	138.8	122.0	0.8	WIEN2A /WIEN2B
ABTH11	Centrica	0.9	3.6	1.5	0.0	ABTH20
ABTH12	Centrica	0.9	3.6	1.5	0.0	ABTH20
AESB11	Centrica	0.9	3.6	1.5	0.0	
CARE10	Centrica	0.9	3.6	1.5	0.0	CARE20
GREN11	Corby Power Ltd	1.0	0.0	0.0	0.0	
GREN12	Corby Power Ltd	1.0	0.0	0.0	0.0	

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ALDW31	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW31	CORUS	0.8	80.0	58.5	0.0	ALDW20
ALDW32	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW32	CORUS	0.8	80.0	58.5	0.0	ALDW20
GRTO60	CORUS	0.8	8.0	8.0	0.0	GRTO2A /GRTO2B
RAVE30	CORUS	0.8	5.0	3.0	0.0	RAVE2Q /RAVE2R
STSB60	CORUS	0.9	70.0	0.1	0.0	STSB40
TEMP30	CORUS	0.8	12.0	6.0	0.0	TEMP20
TINP32	CORUS	0.7	59.0	43.0	0.0	TINP2A /TINP2B
TODP60	CORUS	0.8	13.0	5.0	88.0	TODP20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WILL10	Derwent	1.0	0.0	0.0	0.0	WILE20
DRAX11	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX11	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.3	40.0	8.0	0.0	Station Load
GRAI40	E.ON (UK) plc (Powergen)	0.8	46.0	21.0	0.0	Station Load
IRON11	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
IRON12	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
KINO10	E.ON (UK) plc (Powergen)	0.8	40.0	10.0	0.0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.8	43.0	13.0	0.0	RATS40
SHRE10	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
AMEM10	Eastern Power Networks	1.0	64.8	55.3		AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	1.0	98.5	96.9		BARK20_EPN
BARW31	Eastern Power Networks	0.9	36.4	34.3		
BARW32	Eastern Power Networks	0.9	36.4	34.3		
BRFO10	Eastern Power Networks	1.0	648.6	631.8	103.9	BRFO40
BRIM10	Eastern Power Networks	0.9	237.5	237.8		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.9	678.0	661.3		RAYL40 / BRAI4A
BURW10	Eastern Power Networks	1.0	263.9	263.9	0.0	BURW40
EASO1A	Eastern Power Networks	1.0	126.3	105.9	15.9	
EASO1B	Eastern Power Networks	1.0	126.3	105.9	15.9	
ELRH10	Eastern Power Networks	1.0	492.2	492.2		ELST20 / RYEH40 / RYEH4A
ELST1A	Eastern Power Networks	1.0	43.4	42.6		
ELST1B	Eastern Power Networks	1.0	43.4	42.6		
ELWS10	Eastern Power Networks	1.0	315.7	310.0		ELST20 / WATS20
GREN11	Eastern Power Networks	1.0	49.1	49.1	0.1	
GREN12	Eastern Power Networks	1.0	49.1	49.1	0.1	
MILH11	Eastern Power Networks	1.0	95.9	95.9		
MILH12	Eastern Power Networks	1.0	95.9	95.9		
NORW10	Eastern Power Networks	1.0	617.9	617.9	5.3	NORW40
PEWY10	Eastern Power Networks	1.0	456.7	456.7		WYMO40 / PELH40
SUND11	Eastern Power Networks	1.0	259.4	259.4	13.9	
SUND12	Eastern Power Networks	1.0	259.4	259.4	13.9	
TILB11	Eastern Power Networks	1.0	57.3	52.3	6.5	TILB20
TILB12	Eastern Power Networks	1.0	46.9	45.6	3.9	TILB20
TILB13	Eastern Power Networks	1.0	46.9	45.6	3.9	TILB20
TILB14	Eastern Power Networks	1.0	57.3	52.3	6.5	TILB20
TOTT11	Eastern Power Networks	1.0	174.7	173.8	13.3	
TOTT12	Eastern Power Networks	1.0	174.7	173.8	13.3	
WALP11	Eastern Power Networks	1.0	165.5	165.5	17.3	
WALP12	Eastern Power Networks	1.0	165.5	165.5	17.3	
WALP13	Eastern Power Networks	1.0	165.5	165.5	17.3	
WARL10	Eastern Power Networks	1.0	232.4	229.7	9.4	WARL20
WATS12	Eastern Power Networks	1.0	198.6	198.6		WATS20
WISD10	Eastern Power Networks	1.0	47.6	47.2		WISD20_EME
WTHU60	Eastern Power Networks	1.0	34.5	32.2		WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	1.0	174.5	174.5	0.0	BARK20_EPN
BARW31	EDF (Formerly LPN)	0.9	97.4	94.0		
BARW32	EDF (Formerly LPN)	0.9	97.4	94.0		
BEHU10	EDF (Formerly LPN)	1.0	154.9	142.9		
BEHU10	EDF (Formerly LPN)	1.0	302.1	296.5		
BRIM10	EDF (Formerly LPN)	0.9	122.7	121.5		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
CITR11	EDF (Formerly LPN)	1.0	434.5	376.4	4.9	
CITR12	EDF (Formerly LPN)	1.0	434.5	376.4	4.9	
HACK10	EDF (Formerly LPN)	1.0	220.9	220.9		HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	1.0	170.5	165.6		HACK2A /HACK2B
LITT12	EDF (Formerly LPN)	1.0	52.0	52.0	2.5	
LITT13	EDF (Formerly LPN)	1.0	52.0	52.0	2.5	
LODR61	EDF (Formerly LPN)	1.0	213.3	204.9		
LODR62	EDF (Formerly LPN)	1.0	213.3	204.9		
MILH11	EDF (Formerly LPN)	0.9	0.0	0.0		

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
MILH12	EDF (Formerly LPN)	0.9	0.0	0.0		
NEWI10	EDF (Formerly LPN)	1.0	212.5	204.6		
NEWX61	EDF (Formerly LPN)	0.9	142.2	142.2		
NEWX62	EDF (Formerly LPN)	0.9	142.2	142.2		
NFLW14	EDF (Formerly LPN)	1.0	52.0	52.0	2.5	
REBR30	EDF (Formerly LPN)	1.0	136.4	136.4		REBR20
SJOW11	EDF (Formerly LPN)	1.0	371.6	345.7		
SJOW12	EDF (Formerly LPN)	1.0	371.6	345.7		
WHAM11	EDF (Formerly LPN)	1.0	342.1	312.4		
WHAM12	EDF (Formerly LPN)	1.0	342.1	312.4		
WIGP10	EDF (Formerly LPN)	1.0	623.0	610.8		WIMB20
WIMB14	EDF (Formerly LPN)	1.0	139.8	136.6	2.9	WIMB20
WISD10	EDF (Formerly LPN)	1.0	273.7	265.5		WISD20 EME
WISD60	EDF (Formerly LPN)	1.0	119.9	117.3		WISD20 LPN
WBUR10	EdF Energy	0.7	60.0	9.0	0.0	WBUR40
SFEM50	Exxon Mobil	1.0	21.4	21.4	0.0	SFEM10
HUTT10	Fellside Heat and Power	0.9	21.5	21.5	0.0	HUTT40
SEFI10	Fellside Heat and Power	0.9	21.5	21.5	0.0	Station Load
DINO40	First Hydro	1.0	50.0	0.0	0.0	Station Load
DINO40	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	550.0	0.0	0.0	Station Load
BAGB20	GE Energy	0.9	27.0	27.0	530.0	Station Load
GRMO30	Ineos (Innovene) Grangemouth	1.0	74.8	74.8	0.0	GRMO20
RUGE10	International Power	0.9	30.0	4.0	0.0	RUGE40
CULJ31	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ32	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ33	J E T	0.9	0.0	0.0	0.0	CULJ4A
HARE30	MOD	0.8	15.0	15.0	0.0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.9	88.0	88.0	0.0	Station Load
SFEG10	National Grid	1.0	50.0	50.0	0.0	SFEG10
ALCA1A	Northern Electric	0.9	79.3	-47.4	0.0	BLYT20
ALCA1B	Northern Electric	0.9	79.3	-47.4	0.0	BLYT20
BLYT60	Northern Electric	1.0	177.3	175.4	7.7	BLYT20
FERR11	Northern Electric	0.9	91.6	89.2	0.9	FERR20_NED
FERR12	Northern Electric	0.9	91.6	89.2	0.9	FERR20_NED
FOUR70	Northern Electric	1.0	17.1	15.8	0.0	FOUR20
HARM60	Northern Electric	1.0	97.5	91.9	2.9	HARM20
HAWP60	Northern Electric	1.0	113.3	109.8	4.6	HAWP20
KNAR10	Northern Electric	1.0	0.0	0.0		KNAR20
LACK60	Northern Electric	1.0	227.6	190.9	4.4	LACK20
LYNE70	Northern Electric	0.9	79.3	-47.4	0.0	BLYT20
NORT11	Northern Electric	1.0	247.2	244.7	7.0	NORT20
NORT12	Northern Electric	1.0	247.2	244.7	7.0	NORT20
OFFE30	Northern Electric	1.0	73.4	71.0	0.0	OFFE20
OSBA10	Northern Electric	1.0	297.3	295.4	3.6	OSBA40
POPP30	Northern Electric	1.0	53.4	53.4	2.0	POPP20
SALH10	Northern Electric	1.0	93.8	-34.2	91.9	SALH20
SPEN10	Northern Electric	1.0	254.8	245.6	18.0	SPEN20
SSH130	Northern Electric	1.0	53.3	50.0	0.0	SSH120
STEN11	Northern Electric	1.0	118.3	114.6	2.0	STEW20
STEN12	Northern Electric	1.0	118.3	114.6	2.0	STEW20
STES10	Northern Electric	1.0	256.7	252.7	7.6	STEW20
TYNE10	Northern Electric	1.0	189.5	189.4	2.1	TYNE20
WBOL60	Northern Electric	1.0	274.6	266.5	0.1	WBOL20
BRED10	NORWEB (UU)	1.0	342.4	342.4	0.0	BRED20
CARR12	NORWEB (UU)	1.0	276.3	276.3	20.0	
HARK11	NORWEB (UU)	0.9	23.7	23.7	63.2	HARK20
HARK11	NORWEB (UU)	0.9	35.9	35.9	81.5	HARK20
HARK12	NORWEB (UU)	0.9	23.7	23.7	63.2	HARK20
HARK12	NORWEB (UU)	0.9	35.9	35.9	81.5	HARK20
HEYS10	NORWEB (UU)	0.9	-192.5	-192.5	297.9	Station Load
HUTT10	NORWEB (UU)	1.0	116.1	116.1	12.0	HUTT40
KEAR11	NORWEB (UU)	1.0	285.5	285.5	0.0	KEAR20
KEAR12	NORWEB (UU)	1.0	285.5	285.5	0.0	KEAR20
KEAR30	NORWEB (UU)	1.0	99.5	99.5	8.0	KEAR20
MACC30	NORWEB (UU)	0.9	61.9	61.9	15.0	MACC20
PADI10	NORWEB (UU)	1.0	199.2	199.2		PADI40
PENE11	NORWEB (UU)	1.0	107.0	107.0	0.0	PEWO40
PENE12	NORWEB (UU)	1.0	107.0	107.0	0.0	PEWO40
PENW11	NORWEB (UU)	1.0	60.2	60.2	4.8	PEWO20
PENW12	NORWEB (UU)	1.0	60.2	60.2	4.8	PEWO20
ROCH11	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH11	NORWEB (UU)	1.0	81.6	81.6	37.2	ROCH20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ROCH12	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH12	NORWEB (UU)	1.0	81.6	81.6	37.2	ROCH20
SEFI10	NORWEB (UU)	1.0	116.1	116.1	12.0	Station Load
SMAN10	NORWEB (UU)	1.0	331.6	331.6	19.0	SMAN20
STAH10	NORWEB (UU)	1.0	60.2	60.2	4.8	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.9	399.9	399.9	0.0	STAL20
WASF1A	NORWEB (UU)	0.9	78.9	78.9	0.0	WASF2A
WASF1B	NORWEB (UU)	0.9	78.9	78.9	0.0	WASF2B
WHGA10	NORWEB (UU)	1.0	301.4	301.4	3.6	WHGA20
BAR10	Railtrack	0.9	0.0	0.0	0.0	BAR20_EPN
BAR40	Railtrack	1.0	37.0	37.0	0.0	
ELST4A	Railtrack	1.0	6.5	6.5	0.0	ELST20
ELST4B	Railtrack	1.0	6.5	6.5	0.0	ELST20
LEIB4A	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
LEIB4B	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
PAFB4A	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
PAFB4B	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
POPP20	Railtrack	0.8	5.8	5.8	0.0	POPP20
RUGE40	Railtrack	1.0	18.1	18.1	0.0	RUGE40
SELL30	Railtrack	1.0	37.0	37.0	0.0	SELL40
SING40	Railtrack	1.0	37.0	21.0	0.0	SING40
WYMO40	Railtrack	1.0	15.1	15.1	0.0	WYMO40
ABTH11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
AESB11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	
BLYT60	RWE Npower plc (Innogy)	0.9	0.0	0.0	0.0	BLYT20
CARE10	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	CARE20
FAWL40	RWE Npower plc (Innogy)	0.6	20.0	3.0	0.0	FAWL40
LITT12	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
LITT13	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
NFLW14	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
TILB11	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
TILB14	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
SAES20	Saltend	1.0	100.0	100.0	0.0	SAES20
BEDD11	SEEBOARD Power Networks	1.0	255.4	249.7		
BEDD12	SEEBOARD Power Networks	1.0	255.4	249.7		
BEDD1A	SEEBOARD Power Networks	1.0	111.9	109.0	17.0	
BEDD1B	SEEBOARD Power Networks	1.0	111.9	109.0	17.0	
BOLN11	SEEBOARD Power Networks	1.0	442.4	442.4	0.0	BOLN40
BOLN12	SEEBOARD Power Networks	1.0	442.4	442.4	0.0	BOLN40
CHSI10	SEEBOARD Power Networks	1.0	143.8	142.9		CHSI20
CHSI10	SEEBOARD Power Networks	1.0	207.5	198.4		CHSI20
CHSI1A	SEEBOARD Power Networks	1.0	111.9	109.0	17.0	CHSI20
CHSI1B	SEEBOARD Power Networks	1.0	111.9	109.0	17.0	CHSI20
KEMS13	SEEBOARD Power Networks	1.0	77.2	0.0		KEMS40
KINO10	SEEBOARD Power Networks	1.0	186.0	186.0	24.0	Station Load
LALE10	SEEBOARD Power Networks	1.0	71.7	71.3		LALE20_SPN
LITT12	SEEBOARD Power Networks	1.0	4.0	4.0		
LITT13	SEEBOARD Power Networks	1.0	4.0	4.0		
NFLE11	SEEBOARD Power Networks	1.0	102.9	102.9	9.3	
NFLE12	SEEBOARD Power Networks	1.0	102.9	102.9	9.3	
NFLW14	SEEBOARD Power Networks	1.0	4.0	4.0		
NINF11	SEEBOARD Power Networks	1.0	210.7	210.7		
NINF12	SEEBOARD Power Networks	1.0	210.7	210.7		
WIMB13	SEEBOARD Power Networks	1.0	111.9	109.0	17.0	
WIMB14	SEEBOARD Power Networks	1.0	111.9	109.0	17.0	WIMB20
WWEY11	SEEBOARD Power Networks	1.0	171.7	170.1		
WWEY12	SEEBOARD Power Networks	1.0	171.7	170.1		
GRST60	Sembcorp (Formerly ICI)	0.8	140.0	60.0	120.0	Station Load
MOSM50	SHELL	1.0	23.5	23.5	0.0	MOSM10
ABNE30	SHEPD	1.0	45.8	42.4	2.7	ABNE10
ALNE30	SHEPD	-1.0	37.6	27.4	0.0	ALNE1Q / ALNE1R
ARBR30	SHEPD	1.0	39.9	37.6	0.0	ARBR1Q / ARBR1R
ARMO30	SHEPD	-1.0	29.5	25.2	0.9	ARMO10
BEAU30	SHEPD	1.0	32.5	30.0	2.6	BEAU10
BOAG30	SHEPD	1.0	34.3	29.8	2.0	BOAG1Q / BOAG1R
BRAC30	SHEPD	1.0	40.9	37.9	1.5	BRAC1Q / BRAC1R
BRID30	SHEPD	1.0	33.9	32.5	0.0	BRID1Q / BRID1R
BROA30	SHEPD	1.0	14.4	6.7	1.1	BROA1Q
BROR30	SHEPD	1.0	12.0	8.6	0.0	BROR10
BUMU30	SHEPD	1.0	54.0	51.2	0.6	BUMU10
CAAD30	SHEPD	1.0	27.5	18.0	1.2	CAAD1Q / CAAD1R
CASS50	SHEPD	1.0	2.5	1.2	0.2	CASS1Q
CEAN50	SHEPD	0.9	3.5	-0.1	0.5	CEAN1Q
CHAR30	SHEPD	1.0	34.3	33.0	0.0	CHAR10
CLAC30	SHEPD	0.9	5.1	-4.6	8.4	CLAC1Q

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CLAY30	SHEPD	1.0	52.7	46.8	0.0	CLAY1Q / CLAY1R
COUA30	SHEPD	1.0	32.4	27.6	0.0	COUA10
CRAI30	SHEPD	1.0	34.9	34.0	0.0	CRAI10
DOUN50	SHEPD	1.0	8.1	6.4	0.0	DOUN10
DUBE30	SHEPD	-1.0	15.0	14.5	0.0	DUBE1Q
DUDH30	SHEPD	1.0	39.2	37.2	0.0	DUDH1Q / DUDH1R
DUGR30	SHEPD	1.0	8.1	6.4	1.6	DUGR1Q
DUNO30	SHEPD	1.0	23.7	16.7	4.8	DUNO1Q / DUNO1R
DYCE30	SHEPD	1.0	42.8	41.8	3.6	DYCE1Q / DYCE1R
ELGI30	SHEPD	1.0	59.6	55.9	0.0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.0	1.4	-0.2	1.0	FASN10
FAUG30	SHEPD	1.0	5.0	3.3	0.9	FAUG10
FIDD30	SHEPD	1.0	26.5	24.5	0.0	FIDD1Q
FRAS30	SHEPD	1.0	27.7	23.2	0.0	FRAS1Q / FRAS1R
FWIL30	SHEPD	1.0	68.9	32.6	5.2	FWIL1Q / FWIL1R
GLAG30	SHEPD	1.0	28.8	22.2	1.8	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.9	18.0	5.1	3.8	GRUB1Q / GRUB1R
INNE30	SHEPD	1.0	73.6	69.8	3.5	INNE1Q / INNE1R
KEIT30	SHEPD	0.9	71.4	55.4	0.0	KEIT10
KIIN30	SHEPD	0.1	3.2	0.5	0.0	KIIN10
KILO30	SHEPD	0.6	4.1	2.7	0.0	KILO10
KINT30	SHEPD	1.0	70.2	65.8	0.0	KINT10
LAIR50	SHEPD	0.6	0.2	-0.5	2.0	LAIR1Q
LUNA30	SHEPD	1.0	72.8	69.8	1.3	LUNA1Q / LUNA1R
LYND30	SHEPD	1.0	34.2	28.0	0.1	LYND1Q / LYND1R
MACD30	SHEPD	1.0	23.3	18.3	0.0	MACD1Q
MILC30	SHEPD	1.0	62.3	59.8	7.4	MILC10
MYBS30	SHEPD	1.0	15.4	9.6	0.0	MYBS1Q / MYBS1R
NAIR30	SHEPD	1.0	41.7	33.0	0.0	NAIR10
PEHG30	SHEPD	1.0	29.3	28.6	0.0	PEHG1Q / PEHG1R
PEHS50	SHEPD	1.0	9.3	5.7	0.0	PEHE10
PERS30	SHEPD	1.0	52.1	50.6	2.5	PERS10
PORA30	SHEPD	1.0	19.3	14.0	4.7	PORA1Q / PORA1R
RANN30	SHEPD	0.9	-0.3	-1.8	3.5	RANN1Q / RANN1R
REDM30	SHEPD	1.0	40.2	39.2	0.0	REDM1Q / REDM1R
SFEG50	SHEPD	1.0	15.7	13.6	0.0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.9	5.3	-2.7	5.0	SFIL1Q
SHIN50	SHEPD	1.0	4.1	1.8	0.0	SHIN10
SLOY11	SHEPD	1.0	0.8	0.7	0.0	SLOY10
SLOY12	SHEPD	1.0	0.8	0.7	0.0	
SLOY13	SHEPD	1.0	0.8	0.7	0.0	
SLOY14	SHEPD	1.0	0.8	0.7	0.0	
STLE30	SHEPD	0.9	14.1	9.1	2.0	STLE10
STRI30	SHEPD	1.0	20.1	15.3	0.0	STRI1Q / STRI1R
TARL30	SHEPD	1.0	25.6	17.8	0.0	TARL1Q / TARL1R
TAYN30	SHEPD	1.0	32.1	18.5	10.8	TAYN1Q / TAYN1R
THSO30	SHEPD	1.0	38.1	32.3	11.7	THSO1Q / THSO1R
TUMB30	SHEPD	1.0	14.4	13.1	1.2	TUMB1Q / TUMB1R
WIOW30	SHEPD	1.0	47.4	46.1	0.0	WIOW1Q / WIOW1R
WOHI30	SHEPD	1.0	46.0	45.9	0.0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	1.0	60.8	60.8	0.0	AMEM4A_EPN / AMEM4B_EPN
AXMI10	Southern Electric	1.0	125.9	125.9	2.8	AXMI40_SEP
BOTW10	Southern Electric	1.0	183.6	183.6	0.0	BOTW40
BRFL40	Southern Electric	1.0	1,418.8	1,418.8	68.5	BRFL40
BRLE13	Southern Electric	1.0	113.9	113.9	2.0	BRLE40
BRLE14	Southern Electric	1.0	113.9	113.9	2.0	BRLE40
CHIC10	Southern Electric	1.0	107.6	107.6	47.8	CHIC40
COWL10	Southern Electric	1.0	755.2	755.2	15.9	COWL40
EALI60	Southern Electric	1.0	248.7	262.5	6.0	EALI20
FAWL10	Southern Electric	0.9	326.8	326.8	249.9	FAWL40
IVER10	Southern Electric	0.9	464.6	464.6	36.7	IVER20
IVER60	Southern Electric	0.9	134.6	134.6	36.7	IVER20
LALE10	Southern Electric	0.9	247.2	247.2	17.6	LALE20_SPN
LOVE11	Southern Electric	1.0	334.5	334.5	3.9	
LOVE12	Southern Electric	1.0	334.5	334.5	3.9	
MANN10	Southern Electric	1.0	708.5	708.5	2.1	MANN40
MELK10	Southern Electric	1.0	404.4	404.4	9.2	MELK40_SEP
MITY11	Southern Electric	1.0	169.3	169.3	2.0	
MITY12	Southern Electric	1.0	169.3	169.3	2.0	
NHYD60	Southern Electric	0.9	233.6	233.6	0.0	NHYD2A / NHYD2B
NURS10	Southern Electric	1.0	499.8	499.8	62.8	NURS40
TYNE50	Southern Electric	0.9	7.0	7.0	0.0	TYNE20
WISD60	Southern Electric	1.0	151.1	151.1	0.0	WISD20_LPN
AYR20	SP Distribution	1.0	65.2	61.7	0.0	
BAGA10	SP Distribution	1.0	64.3	61.6	0.0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	1.0	45.3	43.3	0.0	BAIN10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
BERW10	SP Distribution	0.9	32.9	30.5	0.0	BERW1Q / BERW1R
BONN20	SP Distribution	1.0	84.7	67.3	0.0	BONN20
BRAE1	SP Distribution	1.0	40.3	38.0	0.0	
BROX10	SP Distribution	1.0	58.2	56.1	0.0	BROX1Q / BROX1R
CAFA10	SP Distribution	1.0	0.3	-5.1	5.0	CAFA1Q
CATY10	SP Distribution	1.0	62.5	56.1	0.0	CATY1Q / CATY1R
CHAP10	SP Distribution	1.0	47.6	46.8	0.0	CHAP10
CHAS20	SP Distribution	1.0	96.3	87.4	0.0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	1.0	76.2	73.2	6.8	CLYM20
COAT10	SP Distribution	1.0	47.5	31.6	0.0	
COAT30	SP Distribution	1.0	43.1	39.7	0.0	COAT2Q / COAT2R
COCK40	SP Distribution	1.0	44.3	42.7	0.0	
COYL10	SP Distribution	0.9	46.9	39.5	9.8	COYL10
CROO31	SP Distribution	1.0	36.3	36.3	0.0	CROO1Q / CROO1R
CROO32	SP Distribution	1.0	29.5	28.1	0.0	CROO1Q / CROO1R
CUMB10	SP Distribution	1.0	53.7	50.7	9.2	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.9	67.4	66.2	0.0	CUPA1Q / CUPA1R
CURR20	SP Distribution	1.0	13.2	13.1	0.0	CURR10
DEVM10	SP Distribution	1.0	44.8	34.2	0.0	DEVM10
DEVO10	SP Distribution	0.9	64.2	62.6	0.0	DEVO10
DEWP30	SP Distribution	1.0	107.0	100.4	0.0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.9	21.6	5.3	0.0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	1.0	78.9	78.2	0.0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	1.0	47.7	44.4	0.0	DUMF10
DUMF32	SP Distribution	0.9	19.0	10.2	0.0	DUMF10
DUMF50	SP Distribution	1.0	16.4	15.9	0.0	DUMF10
DUNB30	SP Distribution	1.0	51.0	27.5	0.0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	1.0	41.6	36.0	1.1	DUNF1Q / DUNF1R
EAST50	SP Distribution	1.0	0.4	-5.5	5.4	EAST1Q
ECCL30	SP Distribution	1.0	43.1	24.1	0.0	ECCL10
EERH30	SP Distribution	1.0	101.6	101.6	0.0	EERH20
EKIL30	SP Distribution	1.0	68.5	67.4	0.0	EKIL2S / EKIL2T
EKIS30	SP Distribution	1.0	39.3	32.4	3.9	EKIS20
ELDE10	SP Distribution	1.0	54.0	34.1	0.0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	1.0	25.8	25.7	0.0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.9	43.3	33.9	7.6	GALA10
GIFF30	SP Distribution	1.0	82.7	69.8	0.0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1.0	2.3	-12.0	13.6	GLLE10
GLLU30	SP Distribution	0.9	25.3	18.2	5.1	GLLU1Q / GLLU1R
GLNI30	SP Distribution	1.0	25.8	25.4	0.0	GLNI10
GLRO30	SP Distribution	1.0	45.5	44.9	0.0	GLRO20
GORG30	SP Distribution	1.0	37.2	34.6	0.0	GORG1Q / GORG1R
GOVA30	SP Distribution	1.0	42.3	39.6	0.0	GOVA1Q / GOVA1R
GRMO3	SP Distribution	1.0	34.4	33.5	4.5	
GRMO30	SP Distribution	1.0	36.1	32.3	0.0	GRMO20
HAGR3	SP Distribution	1.0	47.7	46.0	0.0	
HAWI30	SP Distribution	1.0	27.6	24.2	0.0	HAWI10
HELE30	SP Distribution	1.0	23.6	22.5	0.0	HELE10
HUNF30	SP Distribution	0.7	8.9	5.1	0.0	HUNF1Q / HUNF1R
INKE30	SP Distribution	1.0	53.2	51.7	0.0	INKE1Q / INKE1R
JOHN30	SP Distribution	1.0	48.1	46.1	0.0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	1.0	95.9	76.5	4.7	KAIM20
KEOO50	SP Distribution	-1.0	0.3	-13.7	13.8	KEOO10
KIER30	SP Distribution	1.0	76.1	74.9	1.6	KIER1Q / KIER1R
KILB30	SP Distribution	1.0	35.6	22.8	0.0	KILB1Q / KILB1R
KILB50	SP Distribution	1.0	11.4	11.2	0.0	KILB1Q / KILB1R
KILS30	SP Distribution	1.0	37.0	34.7	1.3	KILS20
KILT30	SP Distribution	1.0	89.8	88.2	0.0	KILT2Q / KILT2R
KILW30	SP Distribution	0.9	36.2	16.4	15.5	KILW10
LEVE30	SP Distribution	1.0	43.2	42.7	0.0	LEVE1Q / LEVE1R
LING30	SP Distribution	1.0	71.1	69.9	0.0	LING1Q / LING1R
LINM30	SP Distribution	0.8	58.8	36.4	19.5	LINM20
MAYB30	SP Distribution	1.0	25.0	20.7	1.0	MAYB10
NEAR30	SP Distribution	1.0	83.6	81.3	4.2	NEAR20
NETS30	SP Distribution	0.9	14.8	10.4	0.0	NETS10
PAIS3	SP Distribution	1.0	47.3	46.7	0.0	
PART30	SP Distribution	1.0	49.2	48.3	0.0	PART1Q / PART1R
POOB30	SP Distribution	1.0	106.3	105.1	3.0	POOB2Q / POOB2R
PORD30	SP Distribution	1.0	87.8	84.3	0.0	PORD2Q / PORD2R
RAVE30	SP Distribution	1.0	29.6	9.2	0.0	RAVE2Q / RAVE2R
REDH30	SP Distribution	1.0	48.8	43.0	0.0	REDH10
SACO3A	SP Distribution	1.0	45.3	37.9	11.7	SACO1Q / SACO1R
SACO3B	SP Distribution	1.0	35.0	27.1	0.0	SACO1Q / SACO1R
SANX30	SP Distribution	1.0	40.2	29.8	0.0	SANX1Q / SANX1R
SHRU30	SP Distribution	1.0	56.3	55.5	0.0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	1.0	108.0	104.9	0.0	SIGH2Q / SIGH2R

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
SPAV30	SP Distribution	1.0	42.7	40.1	0.0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.9	55.1	53.8	0.0	STHA20
STIR30	SP Distribution	0.9	83.9	75.5	0.0	STIR1S / STIR1T
STLE30	SP Distribution	1.0	55.2	52.3	0.0	STLE10
TELR30	SP Distribution	1.0	33.0	32.9	0.0	TELR1Q / TELR1R
TONG50	SP Distribution	1.0	28.2	24.2	0.0	TONG10
WFIE30	SP Distribution	0.9	38.1	27.5	8.1	WFIE10
WGEO30	SP Distribution	1.0	89.4	68.5	0.0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	1.0	65.2	64.8	0.0	WHHO2Q / WHHO2R
WISH10	SP Distribution	1.0	84.0	79.8	0.0	WISH20
BIRK10	SP MANWEB	1.0	266.0	266.0	1.8	BIRK20
CAPE10	SP MANWEB	1.0	249.4	233.7	0.8	CAPE20
CARR11	SP MANWEB	0.9	117.1	120.3	0.8	
CASK10	SP MANWEB	0.9	420.0	420.0	0.0	FROD40
CELL11	SP MANWEB	1.0	88.6	88.6	0.9	
CELL12	SP MANWEB	1.0	88.6	88.6	0.9	
CONQ10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
CONQ10	SP MANWEB	0.9	137.0	127.4	0.0	DEES40
FIDF11	SP MANWEB	0.9	69.2	69.2	0.3	
FIDF12	SP MANWEB	0.9	69.2	69.2	0.3	
FIDF13	SP MANWEB	0.9	69.2	69.2	0.3	FIDF20
FIDF14	SP MANWEB	0.9	69.2	69.2	0.3	
FROD11	SP MANWEB	1.0	38.7	38.7	0.3	
FROD12	SP MANWEB	1.0	38.7	38.7	0.3	
INCE11	SP MANWEB	1.0	56.0	31.9	0.0	
INCE12	SP MANWEB	1.0	56.0	31.9	0.0	
KIBY11	SP MANWEB	1.0	183.2	183.2	0.0	
KIBY12	SP MANWEB	1.0	183.2	183.2	0.0	
LEGA10	SP MANWEB	1.0	341.5	341.5	0.2	LEGA40
LISD10	SP MANWEB	1.0	383.1	384.3	0.5	LISD20
PENT10	SP MANWEB	1.0	209.8	188.6	0.5	PENT40
RAIN11	SP MANWEB	1.0	196.5	192.4	0.3	
RAIN12	SP MANWEB	1.0	196.5	192.4	0.3	
SHOT10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
SHOT10	SP MANWEB	0.9	137.0	127.4	0.0	DEES40
SWAN11	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20 SPM
SWAN12	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20 SPM
TRAW10	SP MANWEB	1.0	76.0	61.3	0.0	TRAW20
WYLF10	SP MANWEB	1.0	65.2	56.0	0.0	Station Load
FERR11	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
FERR12	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
ABTH11	WPD (formerly SWALEC (Infracore))	1.0	105.7	100.1	0.9	ABTH20
ABTH12	WPD (formerly SWALEC (Infracore))	1.0	105.7	100.1	0.9	ABTH20
AESB11	WPD (formerly SWALEC (Infracore))	1.0	105.7	100.1	0.9	
ALST31	WPD (formerly SWALEC (Infracore))	1.0	1.2	0.2	0.0	
ALST32	WPD (formerly SWALEC (Infracore))	1.0	1.2	0.2	0.0	
CARE10	WPD (formerly SWALEC (Infracore))	1.0	105.7	100.1	0.9	CARE20
GRAN60	WPD (formerly SWALEC (Infracore))	0.9	119.3	29.6	5.0	MAGA20
PEMB10	WPD (formerly SWALEC (Infracore))	1.0	212.3	199.3	1.6	PEMB40
PYLE10	WPD (formerly SWALEC (Infracore))	1.0	146.0	108.7	15.6	PYLE20
RASS10	WPD (formerly SWALEC (Infracore))	1.0	244.3	244.3	3.0	RASS40
SWAN11	WPD (formerly SWALEC (Infracore))	1.0	317.0	317.2	12.4	SWAN20 SPM
SWAN12	WPD (formerly SWALEC (Infracore))	1.0	317.0	317.2	12.4	SWAN20 SPM
UPPB10	WPD (formerly SWALEC (Infracore))	1.0	190.1	182.0	5.5	UPPB20
UPPB30	WPD (formerly SWALEC (Infracore))	1.0	108.1	102.3	0.0	UPPB20
USKM10	WPD (formerly SWALEC (Infracore))	1.0	277.8	269.4	1.5	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	1.0	43.7	0.0	0.0	MEAD10
ABHA11	WPD(formerly SWEB)	1.0	129.2	129.4	0.0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1.0	129.2	129.4	0.0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	1.0	216.7	209.0	0.0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	1.0	106.7	102.9	0.0	AXMI40_SEP
BRWA10	WPD(formerly SWEB)	0.9	211.7	204.1	0.0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1.0	320.4	344.1	0.0	EXET40
INDQ10	WPD(formerly SWEB)	1.0	470.6	453.8	0.0	INDQ40
IROA11	WPD(formerly SWEB)	1.0	166.2	160.2	0.0	IROA20_AQUIL
IROA12	WPD(formerly SWEB)	1.0	166.2	160.2	0.0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1.0	277.9	271.4	0.0	LAND40
OLDS11	WPD(formerly SWEB)	1.0	166.2	160.2	0.0	Station Load
SEAB11	WPD(formerly SWEB)	1.0	342.4	330.1	0.0	SEAB40
TAUN10	WPD(formerly SWEB)	0.9	121.2	116.8	0.0	TAUN4B
BRAW11	Yorkshire Electricity	1.0	114.5	114.5	0.0	BRAW20
BRAW11	Yorkshire Electricity	1.0	128.9	128.9	2.2	BRAW20
BRAW12	Yorkshire Electricity	1.0	114.5	114.5	0.0	BRAW20
BRAW12	Yorkshire Electricity	1.0	128.9	128.9	2.2	BRAW20
CAML60	Yorkshire Electricity	1.0	25.7	25.7	0.0	DRAX40
CREB11	Yorkshire Electricity	0.9	104.9	103.4	1.6	CREB40

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CREB11	Yorkshire Electricity	1.0	123.5	121.8	10.6	CREB40
CREB12	Yorkshire Electricity	0.9	104.9	103.4	1.6	CREB40
CREB12	Yorkshire Electricity	1.0	123.5	121.8	10.6	CREB40
DRAX11	Yorkshire Electricity	0.9	22.5	20.3	7.6	Station Load
DRAX12	Yorkshire Electricity	0.9	22.5	20.3	7.6	Station Load
ELLA11	Yorkshire Electricity	0.9	183.7	165.2	21.4	ELLA20
ELLA12	Yorkshire Electricity	0.9	183.7	165.2	21.4	ELLA20
FERR11	Yorkshire Electricity	0.9	71.3	61.2	30.7	FERR20_NED
FERR11	Yorkshire Electricity	0.9	78.7	67.6	0.0	FERR20_NED
FERR11	Yorkshire Electricity	0.9	91.1	88.7	0.9	FERR20_NED
FERR12	Yorkshire Electricity	0.9	71.3	61.2	30.7	FERR20_NED
FERR12	Yorkshire Electricity	0.9	78.7	67.6	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	91.1	88.7	0.9	FERR20_NED
FERR60	Yorkshire Electricity	1.0	93.5	93.5	5.4	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.9	191.1	149.1	24.2	GRIW40
JORD30	Yorkshire Electricity	1.0	67.3	63.1	0.0	JORD20
KEAD10	Yorkshire Electricity	1.0	407.5	258.2	106.0	KEAD40
KIRK10	Yorkshire Electricity	1.0	296.7	287.4	1.3	KIRK20
NEEP30	Yorkshire Electricity	1.0	79.1	78.1	2.3	NEEP20
NORL30	Yorkshire Electricity	1.0	63.3	61.8	0.2	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS31	Yorkshire Electricity	0.9	31.9	28.4	0.0	PITS20
PITS32	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.9	31.9	28.4	0.0	PITS20
SAEN10	Yorkshire Electricity	1.0	115.3	89.5	12.3	SAEN20
SHEC30	Yorkshire Electricity	1.0	99.8	93.1	0.0	SHEC20
SKLG10	Yorkshire Electricity	1.0	657.9	651.7	12.1	SKLG20
THUR60	Yorkshire Electricity	1.0	171.9	171.9	2.6	THUR20
WIBA30	Yorkshire Electricity	0.9	38.9	31.7	0.6	WIBA20
WMEL11	Yorkshire Electricity	0.9	133.6	132.1	6.0	WMEL20
WMEL11	Yorkshire Electricity	1.0	115.3	115.3	1.7	WMEL20
WMEL12	Yorkshire Electricity	0.9	133.6	132.1	6.0	WMEL20
WMEL12	Yorkshire Electricity	1.0	115.3	115.3	1.7	WMEL20
WMEL13	Yorkshire Electricity	0.9	133.6	132.1	6.0	WMEL20
WMEL13	Yorkshire Electricity	1.0	115.3	115.3	1.7	WMEL20

Table E.1.4 - 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	1.0	325.0	325.0	0.0	BLYT20
WYLF10	Anglesey Aluminium	1.0	290.0	290.0	0.0	Station Load
TEMP30	BOC	1.0	25.5	13.5	0.0	TEMP20
DUNG20	British Energy	0.8	7.0	7.0	0.0	Station Load
EGGB41	British Energy	0.8	40.0	17.0	0.0	Station Load
HEYS10	British Energy	0.8	115.0	61.0	0.0	Station Load
HINP21	British Energy	0.8	11.9	3.0	0.0	Station Load
HINP22	British Energy	0.8	11.9	3.0	0.0	Station Load
SIZE40	British Energy	0.9	4.0	4.0	0.0	Station Load
CHAP10	British Nuclear Group	0.9	0.0	0.0	0.0	CHAP10
DUNG20	British Nuclear Group	0.9	2.0	2.0	0.0	Station Load
HINP21	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
HINP22	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
IROA11	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_AQUIL
IROA12	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_SWEB
OLDS11	British Nuclear Group	0.9	1.7	1.7	0.0	Station Load
SIZE11	British Nuclear Group	0.8	1.0	1.0	0.0	
SIZE12	British Nuclear Group	0.8	1.0	1.0	0.0	
TRAW20	British Nuclear Group	0.9	1.0	1.0	0.0	TRAW20
WYLF10	British Nuclear Group	0.9	10.0	10.0	0.0	Station Load
TREM30	Celsa	0.9	95.0	0.0	0.0	TREM20
BESW10	Central Networks East (EMEB)	1.0	387.6	385.7	2.5	BESW20
BICF10	Central Networks East (EMEB)	1.0	171.3	170.8	4.9	BICF4A /BICF4B
CHTE11	Central Networks East (EMEB)	1.0	276.8	276.5	5.8	
CHTE12	Central Networks East (EMEB)	1.0	276.8	276.5	5.8	
COVE10	Central Networks East (EMEB)	1.0	529.8	511.4	25.3	COVE20
DRAK10	Central Networks East (EMEB)	1.0	194.2	190.1	1.4	DRAK20
ECLA10	Central Networks East (EMEB)	1.0	410.2	408.2	17.7	ECLA40_EME
ENDE10	Central Networks East (EMEB)	1.0	535.9	528.0	3.9	ENDE40
GREN11	Central Networks East (EMEB)	1.0	361.9	361.9	6.1	
GREN12	Central Networks East (EMEB)	1.0	361.9	361.9	6.1	
HAMH11	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	1.0	62.3	61.7	0.0	HAMH40_EME
RATS10	Central Networks East (EMEB)	1.0	594.0	565.9	12.2	RATS40
SBAR40	Central Networks East (EMEB)	1.0	107.2	107.2	0.0	SBAR40
STYC10	Central Networks East (EMEB)	1.0	185.1	180.6	8.5	STAY40
WALP11	Central Networks East (EMEB)	1.0	85.9	85.4	0.6	
WALP12	Central Networks East (EMEB)	1.0	85.9	85.4	0.6	
WALP13	Central Networks East (EMEB)	1.0	85.9	85.4	0.6	
WBUR10	Central Networks East (EMEB)	1.0	288.6	288.6	4.6	WBUR40
WILL10	Central Networks East (EMEB)	1.0	598.1	598.0	2.1	WILE20
BISW10	Central Networks West (Aquila)	1.0	471.6	465.0	1.8	BISW20
BUSH10	Central Networks West (Aquila)	1.0	157.6	157.6	4.9	BUSH20
BUST10	Central Networks West (Aquila)	1.0	359.6	348.1	2.0	BUST20
CELL11	Central Networks West (Aquila)	1.0	253.6	240.9	1.5	
CELL12	Central Networks West (Aquila)	1.0	253.6	240.9	1.5	
ECLA10	Central Networks West (Aquila)	1.0	66.6	60.5	0.0	ECLA40_EME
FECK60	Central Networks West (Aquila)	1.0	283.6	280.3	30.7	FECK20
GLOU10	Central Networks West (Aquila)	1.0	184.8	179.6	2.8	WALH40
GLOU11	Central Networks West (Aquila)	1.0	184.8	179.6	2.8	
GLOU12	Central Networks West (Aquila)	1.0	184.8	179.6	2.8	
HAMH11	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
IROA11	Central Networks West (Aquila)	1.0	73.4	73.0	0.0	IROA20_AQUIL
IROA12	Central Networks West (Aquila)	1.0	73.4	73.0	0.0	IROA20_SWEB
IRSH40	Central Networks West (Aquila)	1.0	84.8	84.5	0.0	IRSH40
IRSH40	Central Networks West (Aquila)	1.0	249.9	242.4	2.5	IRSH40
KITW10	Central Networks West (Aquila)	1.0	404.0	390.6	0.7	KITW20
LEAM10	Central Networks West (Aquila)	1.0	152.3	153.6	3.2	HAMH40_EME
NECH11	Central Networks West (Aquila)	1.0	178.3	159.6	0.9	
NECH12	Central Networks West (Aquila)	1.0	178.3	159.6	0.9	
OCKH10	Central Networks West (Aquila)	1.0	118.2	97.5	0.0	OCKH20
OLDB10	Central Networks West (Aquila)	1.0	99.0	88.8	1.6	OLDB20
OLDS11	Central Networks West (Aquila)	1.0	73.4	73.0	0.0	Station Load
PENN10	Central Networks West (Aquila)	1.0	312.6	298.0	6.7	PENN20
RUGE10	Central Networks West (Aquila)	1.0	231.3	227.8	2.1	RUGE40
WIEN10	Central Networks West (Aquila)	1.0	139.4	122.6	0.8	WIEN2A /WIEN2B
ABTH11	Centrica	0.9	3.6	1.5	0.0	ABTH20
ABTH12	Centrica	0.9	3.6	1.5	0.0	ABTH20
AESB11	Centrica	0.9	3.6	1.5	0.0	
CARE10	Centrica	0.9	3.6	1.5	0.0	CARE20
GREN11	Corby Power Ltd	1.0	0.0	0.0	0.0	
GREN12	Corby Power Ltd	1.0	0.0	0.0	0.0	
ALDW31	CORUS	0.8	18.0	18.0	0.0	ALDW20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ALDW31	CORUS	0.8	80.0	58.5	0.0	ALDW20
ALDW32	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW32	CORUS	0.8	80.0	58.5	0.0	ALDW20
GRT060	CORUS	0.8	8.0	8.0	0.0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5.0	3.0	0.0	RAVE2Q /RAVE2R
STSB60	CORUS	0.9	70.0	0.1	0.0	STSB40
TEMP30	CORUS	0.8	12.0	6.0	0.0	TEMP20
TINP32	CORUS	0.7	59.0	43.0	0.0	TINP2A /TINP2B
TODP60	CORUS	0.8	13.0	5.0	88.0	TODP20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WILL10	Derwent	1.0	0.0	0.0	0.0	WILE20
DRAX11	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX11	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.3	40.0	8.0	0.0	Station Load
GRAI40	E.ON (UK) plc (Powergen)	0.8	46.0	21.0	0.0	Station Load
IRON11	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
IRON12	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
KINO10	E.ON (UK) plc (Powergen)	0.8	40.0	10.0	0.0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.8	43.0	13.0	0.0	RATS40
SHRE10	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
AMEM10	Eastern Power Networks	1.0	66.1	56.7		AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	1.0	100.7	99.0		BARK20_EPN
BARW31	Eastern Power Networks	0.9	37.0	35.0		
BARW32	Eastern Power Networks	0.9	37.0	35.0		
BRFO10	Eastern Power Networks	1.0	663.9	647.1	103.9	BRFO40
BRIM10	Eastern Power Networks	0.9	242.3	242.6		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRR10	Eastern Power Networks	0.9	691.7	675.0		RAYL40 / BRAI4A
BURW10	Eastern Power Networks	1.0	272.2	272.2	0.0	BURW40
EASO1A	Eastern Power Networks	1.0	129.9	109.6	15.9	
EASO1B	Eastern Power Networks	1.0	129.9	109.6	15.9	
ELRH10	Eastern Power Networks	1.0	503.3	503.3		ELST20 / RYEH40 / RYEH4A
ELST1A	Eastern Power Networks	1.0	44.3	43.5		
ELST1B	Eastern Power Networks	1.0	44.3	43.5		
ELWS10	Eastern Power Networks	1.0	326.8	321.1		ELST20 / WATS20
GREN11	Eastern Power Networks	1.0	50.6	50.6	0.1	
GREN12	Eastern Power Networks	1.0	50.6	50.6	0.1	
MILH11	Eastern Power Networks	1.0	98.6	98.6		
MILH12	Eastern Power Networks	1.0	98.6	98.6		
NORW10	Eastern Power Networks	1.0	631.3	631.3	5.3	NORW40
PEWY10	Eastern Power Networks	1.0	468.6	468.6		WYMO40 / PELH40
SUND11	Eastern Power Networks	1.0	269.2	269.2	13.9	
SUND12	Eastern Power Networks	1.0	269.2	269.2	13.9	
TILB11	Eastern Power Networks	1.0	58.8	53.8	6.5	TILB20
TILB12	Eastern Power Networks	1.0	47.3	46.0	3.9	TILB20
TILB13	Eastern Power Networks	1.0	47.3	46.0	3.9	TILB20
TILB14	Eastern Power Networks	1.0	58.8	53.8	6.5	TILB20
TOTT11	Eastern Power Networks	1.0	178.3	177.4	13.3	
TOTT12	Eastern Power Networks	1.0	178.3	177.4	13.3	
WALP11	Eastern Power Networks	1.0	169.2	169.2	17.3	
WALP12	Eastern Power Networks	1.0	169.2	169.2	17.3	
WALP13	Eastern Power Networks	1.0	169.2	169.2	17.3	
WARL10	Eastern Power Networks	1.0	238.3	235.5	9.4	WARL20
WATS12	Eastern Power Networks	1.0	202.1	202.1		WATS20
WISD10	Eastern Power Networks	1.0	51.4	51.0		WISD20_EME
WTHU60	Eastern Power Networks	1.0	36.1	33.9		WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	1.0	191.5	191.5	0.0	BARK20_EPN
BARW31	EDF (Formerly LPN)	0.9	103.7	100.2		
BARW32	EDF (Formerly LPN)	0.9	103.7	100.2		
BEHU10	EDF (Formerly LPN)	1.0	158.7	146.7		
BEHU10	EDF (Formerly LPN)	1.0	311.0	305.5		
BRIM10	EDF (Formerly LPN)	0.9	124.6	123.5		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
CITR11	EDF (Formerly LPN)	1.0	448.8	390.7	4.9	
CITR12	EDF (Formerly LPN)	1.0	448.8	390.7	4.9	
HACK10	EDF (Formerly LPN)	1.0	163.2	163.2		HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	1.0	175.3	170.4		HACK2A /HACK2B
LITT12	EDF (Formerly LPN)	1.0	53.4	53.4	2.5	
LITT13	EDF (Formerly LPN)	1.0	53.4	53.4	2.5	
LODR61	EDF (Formerly LPN)	1.0	216.0	207.6		
LODR62	EDF (Formerly LPN)	1.0	216.0	207.6		
MILH11	EDF (Formerly LPN)	0.9	0.0	0.0		
MILH12	EDF (Formerly LPN)	0.9	0.0	0.0		
NEWI10	EDF (Formerly LPN)	1.0	219.1	211.2		

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
NEWX61	EDF (Formerly LPN)	0.9	145.7	145.6		
NEWX62	EDF (Formerly LPN)	0.9	145.7	145.6		
NFLW14	EDF (Formerly LPN)	1.0	53.4	53.4	2.5	
REBR30	EDF (Formerly LPN)	1.0	142.7	142.7		REBR20
SJOW11	EDF (Formerly LPN)	1.0	379.0	353.1		
SJOW12	EDF (Formerly LPN)	1.0	379.0	353.1		
WHAM11	EDF (Formerly LPN)	1.0	367.4	337.8		
WHAM12	EDF (Formerly LPN)	1.0	367.4	337.8		
WIGP10	EDF (Formerly LPN)	1.0	635.2	623.0		WIMB20
WIMB14	EDF (Formerly LPN)	1.0	145.8	142.6	2.9	WIMB20
WISD10	EDF (Formerly LPN)	1.0	283.2	275.1		WISD20 EME
WISD60	EDF (Formerly LPN)	1.0	122.0	119.4		WISD20 LPN
WBUR10	EdF Energy	0.7	60.0	9.0	0.0	WBUR40
SFEM50	Exxon Mobil	1.0	21.4	21.4	0.0	SFEM10
HUTT10	Fellside Heat and Power	0.9	21.5	21.5	0.0	HUTT40
SEFI10	Fellside Heat and Power	0.9	21.5	21.5	0.0	Station Load
DINO40	First Hydro	1.0	50.0	0.0	0.0	Station Load
DINO40	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	550.0	0.0	0.0	Station Load
BAGB20	GE Energy	0.9	27.0	27.0	530.0	Station Load
GRMO30	Ineos (Innovene) Grangemouth	1.0	74.8	74.8	0.0	GRMO20
RUGE10	International Power	0.9	30.0	4.0	0.0	RUGE40
CULJ31	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ32	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ33	J E T	0.9	0.0	0.0	0.0	CULJ4A
HARE30	MOD	0.8	15.0	15.0	0.0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.9	88.0	88.0	0.0	Station Load
SFEG10	National Grid	1.0	50.0	50.0	0.0	SFEG10
ALCA1A	Northern Electric	0.9	79.4	-47.4	0.0	BLYT20
ALCA1B	Northern Electric	0.9	79.4	-47.4	0.0	BLYT20
BLYT60	Northern Electric	1.0	178.2	176.3	7.7	BLYT20
FERR11	Northern Electric	0.9	92.7	90.2	0.9	FERR20 NED
FERR12	Northern Electric	0.9	92.7	90.2	0.9	FERR20 NED
FOUR70	Northern Electric	1.0	17.2	15.9	0.0	FOUR20
HARM60	Northern Electric	1.0	98.2	92.5	2.9	HARM20
HAWP60	Northern Electric	1.0	114.2	110.7	4.6	HAWP20
KNAR10	Northern Electric	1.0	0.0	0.0		KNAR20
LACK60	Northern Electric	1.0	229.0	192.0	4.4	LACK20
LYNE70	Northern Electric	0.9	79.4	-47.4	0.0	BLYT20
NORT11	Northern Electric	1.0	248.9	246.4	7.0	NORT20
NORT12	Northern Electric	1.0	248.9	246.4	7.0	NORT20
OFFE30	Northern Electric	1.0	74.3	71.9	0.0	OFFE20
OSBA10	Northern Electric	1.0	301.0	299.2	3.6	OSBA40
POPP30	Northern Electric	1.0	54.4	54.4	2.0	POPP20
SALH10	Northern Electric	1.0	93.9	-34.2	91.9	SALH20
SPEN10	Northern Electric	1.0	258.2	248.9	18.0	SPEN20
SSH130	Northern Electric	1.0	53.5	50.2	0.0	SSH120
STEN11	Northern Electric	1.0	120.1	116.3	2.0	STEW20
STEN12	Northern Electric	1.0	120.1	116.3	2.0	STEW20
STES10	Northern Electric	1.0	257.8	253.9	7.6	STEW20
TYNE10	Northern Electric	1.0	190.7	190.6	2.1	TYNE20
WBOL60	Northern Electric	1.0	276.4	268.3	0.1	WBOL20
BRED10	NORWEB (UU)	1.0	347.3	347.3	0.0	BRED20
CARR12	NORWEB (UU)	1.0	280.6	280.6	20.0	
HARK11	NORWEB (UU)	0.9	23.8	23.8	63.2	HARK20
HARK11	NORWEB (UU)	0.9	36.0	36.0	81.5	HARK20
HARK12	NORWEB (UU)	0.9	23.8	23.8	63.2	HARK20
HARK12	NORWEB (UU)	0.9	36.0	36.0	81.5	HARK20
HEYS10	NORWEB (UU)	0.9	-192.4	-192.4	297.9	Station Load
HUTT10	NORWEB (UU)	1.0	116.2	116.2	12.0	HUTT40
KEAR11	NORWEB (UU)	1.0	287.4	287.4	0.0	KEAR20
KEAR12	NORWEB (UU)	1.0	287.4	287.4	0.0	KEAR20
KEAR30	NORWEB (UU)	1.0	99.8	99.8	8.0	KEAR20
MACC30	NORWEB (UU)	0.9	62.1	62.1	15.0	MACC20
PADI10	NORWEB (UU)	1.0	199.4	199.4		PADI40
PENE11	NORWEB (UU)	1.0	107.1	107.1	0.0	PEWO40
PENE12	NORWEB (UU)	1.0	107.1	107.1	0.0	PEWO40
PENW11	NORWEB (UU)	1.0	60.4	60.4	4.8	PEWO20
PENW12	NORWEB (UU)	1.0	60.4	60.4	4.8	PEWO20
ROCH11	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH11	NORWEB (UU)	1.0	81.8	81.8	37.2	ROCH20
ROCH12	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH12	NORWEB (UU)	1.0	81.8	81.8	37.2	ROCH20
SEFI10	NORWEB (UU)	1.0	116.2	116.2	12.0	Station Load

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
SMAN10	NORWEB (UU)	1.0	335.4	335.4	19.0	SMAN20
STAH10	NORWEB (UU)	1.0	60.4	60.4	4.8	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.9	407.5	407.5	0.0	STAL20
WASF1A	NORWEB (UU)	0.9	79.1	79.1	0.0	WASF2A
WASF1B	NORWEB (UU)	0.9	79.1	79.1	0.0	WASF2B
WHGA10	NORWEB (UU)	1.0	304.0	304.0	3.6	WHGA20
BARK10	Railtrack	0.9	0.0	0.0	0.0	BARK20 EPN
BARK40	Railtrack	1.0	37.0	37.0	0.0	
ELST4A	Railtrack	1.0	6.5	6.5	0.0	ELST20
ELST4B	Railtrack	1.0	6.5	6.5	0.0	ELST20
LEIB4A	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
LEIB4B	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
PAFB4A	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
PAFB4B	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
POPP20	Railtrack	0.8	5.8	5.8	0.0	POPP20
RUGE40	Railtrack	1.0	18.1	18.1	0.0	RUGE40
SELL30	Railtrack	1.0	37.0	37.0	0.0	SELL40
SING40	Railtrack	1.0	37.0	21.0	0.0	SING40
WYMO40	Railtrack	1.0	15.1	15.1	0.0	WYMO40
ABTH11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
AESB11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	
BLYT60	RWE Npower plc (Innogy)	0.9	0.0	0.0	0.0	BLYT20
CARE10	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	CARE20
FAWL40	RWE Npower plc (Innogy)	0.6	20.0	3.0	0.0	FAWL40
LITT12	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
LITT13	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
NFLW14	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
TILB11	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
TILB14	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
SAES20	Saltend	1.0	100.0	100.0	0.0	SAES20
BEDD11	SEEBOARD Power Networks	1.0	260.1	254.4		
BEDD12	SEEBOARD Power Networks	1.0	260.1	254.4		
BEDD1A	SEEBOARD Power Networks	1.0	114.5	111.7	17.0	
BEDD1B	SEEBOARD Power Networks	1.0	114.5	111.7	17.0	
BOLN11	SEEBOARD Power Networks	1.0	452.0	452.0	0.0	BOLN40
BOLN12	SEEBOARD Power Networks	1.0	452.0	452.0	0.0	BOLN40
CHSI10	SEEBOARD Power Networks	1.0	146.3	145.4		CHSI20
CHSI10	SEEBOARD Power Networks	1.0	210.5	201.5		CHSI20
CHSI1A	SEEBOARD Power Networks	1.0	114.5	111.7	17.0	CHSI20
CHSI1B	SEEBOARD Power Networks	1.0	114.5	111.7	17.0	CHSI20
KEMS13	SEEBOARD Power Networks	1.0	77.2	0.0		KEMS40
KINO10	SEEBOARD Power Networks	1.0	191.0	191.0	24.0	Station Load
LALE10	SEEBOARD Power Networks	1.0	73.1	72.7		LALE20 SPN
LITT12	SEEBOARD Power Networks	1.0	5.0	5.0		
LITT13	SEEBOARD Power Networks	1.0	5.0	5.0		
NFLE11	SEEBOARD Power Networks	1.0	105.2	105.2	9.3	
NFLE12	SEEBOARD Power Networks	1.0	105.2	105.2	9.3	
NFLW14	SEEBOARD Power Networks	1.0	5.0	5.0		
NINF11	SEEBOARD Power Networks	1.0	214.6	214.6		
NINF12	SEEBOARD Power Networks	1.0	214.6	214.6		
WIMB13	SEEBOARD Power Networks	1.0	114.5	111.7	17.0	
WIMB14	SEEBOARD Power Networks	1.0	114.5	111.7	17.0	WIMB20
WWEY11	SEEBOARD Power Networks	1.0	174.7	173.1		
WWEY12	SEEBOARD Power Networks	1.0	174.7	173.1		
GRST60	Sembcorp (Formerly ICI)	0.8	140.0	60.0	120.0	Station Load
MOSM50	SHELL	1.0	23.5	23.5	0.0	MOSM10
ABNE30	SHEPD	1.0	46.3	42.9	2.7	ABNE10
ALNE30	SHEPD	-1.0	37.7	27.5	0.0	ALNE1Q / ALNE1R
ARBR30	SHEPD	1.0	40.3	38.0	0.0	ARBR1Q / ARBR1R
ARMO30	SHEPD	-1.0	29.6	25.2	0.9	ARMO10
BEAU30	SHEPD	1.0	32.7	30.2	2.6	BEAU10
BOAG30	SHEPD	1.0	34.8	30.2	2.0	BOAG1Q / BOAG1R
BRAC30	SHEPD	1.0	41.2	38.2	1.5	BRAC1Q / BRAC1R
BRID30	SHEPD	1.0	34.1	32.7	0.0	BRID1Q / BRID1R
BROA30	SHEPD	1.0	14.7	6.8	1.1	BROA1Q
BROR30	SHEPD	1.0	12.3	8.8	0.0	BROR10
BUMU30	SHEPD	1.0	54.7	51.9	0.6	BUMU10
CAAD30	SHEPD	1.0	28.0	18.3	1.2	CAAD1Q / CAAD1R
CASS50	SHEPD	1.0	2.5	1.3	0.2	CASS1Q
CEAN50	SHEPD	0.9	3.6	-0.1	0.5	CEAN1Q
CHAR30	SHEPD	1.0	34.6	33.4	0.0	CHAR10
CLAC30	SHEPD	0.9	5.3	-4.5	8.4	CLAC1Q
CLAY30	SHEPD	1.0	53.1	47.2	0.0	CLAY1Q / CLAY1R
COUA30	SHEPD	1.0	32.6	27.8	0.0	COUA10
CRAI30	SHEPD	1.0	35.5	34.7	0.0	CRAI10
DOUN50	SHEPD	1.0	8.2	6.5	0.0	DOUN10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
DUBE30	SHEPD	-1.0	15.4	15.0	0.0	DUBE1Q
DUDH30	SHEPD	1.0	39.8	37.8	0.0	DUDH1Q / DUDH1R
DUGR30	SHEPD	1.0	8.2	6.5	1.6	DUGR1Q
DUNO30	SHEPD	1.0	24.0	16.8	4.8	DUNO1Q / DUNO1R
DYCE30	SHEPD	1.0	43.6	42.6	3.6	DYCE1Q / DYCE1R
ELGI30	SHEPD	1.0	60.1	56.4	0.0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.0	1.4	-0.2	1.0	FASN10
FAUG30	SHEPD	1.0	5.1	3.3	0.9	FAUG10
FIDD30	SHEPD	1.0	27.0	25.0	0.0	FIDD1Q
FRAS30	SHEPD	1.0	28.5	23.8	0.0	FRAS1Q / FRAS1R
FWIL30	SHEPD	1.0	70.1	33.2	5.2	FWIL1Q / FWIL1R
GLAG30	SHEPD	1.0	29.3	22.6	1.8	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.9	18.3	5.3	3.8	GRUB1Q / GRUB1R
INNE30	SHEPD	1.0	74.4	70.6	3.5	INNE1Q / INNE1R
KEIT30	SHEPD	0.9	72.1	55.9	0.0	KEIT10
KIIN30	SHEPD	0.1	3.3	0.6	0.0	KIIN10
KILO30	SHEPD	0.6	4.1	2.8	0.0	KILO10
KINT30	SHEPD	1.0	70.7	66.3	0.0	KINT10
LAIR50	SHEPD	0.6	2.2	-0.5	2.0	LAIR1Q
LUNA30	SHEPD	1.0	73.1	70.1	1.3	LUNA1Q / LUNA1R
LYND30	SHEPD	1.0	34.4	28.1	0.1	LYND1Q / LYND1R
MACD30	SHEPD	1.0	23.6	18.5	0.0	MACD1Q
MILC30	SHEPD	1.0	62.9	60.4	7.4	MILC10
MYBS30	SHEPD	1.0	15.7	9.8	0.0	MYBS1Q / MYBS1R
NAIR30	SHEPD	1.0	42.2	33.4	0.0	NAIR10
PEHG30	SHEPD	1.0	29.8	29.1	0.0	PEHG1Q / PEHG1R
PEHS50	SHEPD	1.0	9.4	5.8	0.0	PEHE10
PERS30	SHEPD	1.0	52.8	51.2	2.5	PERS10
PORA30	SHEPD	1.0	19.5	14.2	4.7	PORA1Q / PORA1R
RANN30	SHEPD	0.9	-0.2	-1.8	3.5	RANN1Q / RANN1R
REDM30	SHEPD	1.0	40.6	39.6	0.0	REDM1Q / REDM1R
SFEG50	SHEPD	1.0	16.1	13.9	0.0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.9	5.3	-2.7	5.0	SFIL1Q
SHIN50	SHEPD	1.0	4.1	1.8	0.0	SHIN10
SLOY11	SHEPD	1.0	0.9	0.7	0.0	SLOY10
SLOY12	SHEPD	1.0	0.9	0.7	0.0	
SLOY13	SHEPD	1.0	0.9	0.7	0.0	
SLOY14	SHEPD	1.0	0.9	0.7	0.0	
STLE30	SHEPD	0.9	14.2	9.2	2.0	STLE10
STRI30	SHEPD	1.0	20.3	15.5	0.0	STRI1Q / STRI1R
TARL30	SHEPD	1.0	25.9	18.0	0.0	TARL1Q / TARL1R
TAYN30	SHEPD	1.0	32.6	18.9	10.8	TAYN1Q / TAYN1R
THSO30	SHEPD	1.0	38.7	32.8	11.7	THSO1Q / THSO1R
TUMB30	SHEPD	1.0	14.6	13.3	1.2	TUMB1Q / TUMB1R
WIOW30	SHEPD	1.0	47.7	46.4	0.0	WIOW1Q / WIOW1R
WOHI30	SHEPD	1.0	46.7	46.5	0.0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	1.0	61.0	61.0	0.0	AMEM4A_EPN / AMEM4B_EPN
AXM10	Southern Electric	1.0	125.9	125.9	2.8	AXM10_SEP
BOTW10	Southern Electric	1.0	184.7	184.7	0.0	BOTW40
BRFL40	Southern Electric	1.0	1,426.4	1,426.4	68.5	BRFL40
BRLE13	Southern Electric	1.0	114.5	114.5	2.0	BRLE40
BRLE14	Southern Electric	1.0	114.5	114.5	2.0	BRLE40
CHIC10	Southern Electric	1.0	107.8	107.8	47.8	CHIC40
COWL10	Southern Electric	1.0	760.2	760.2	15.9	COWL40
EALI60	Southern Electric	1.0	251.4	265.4	6.0	EALI20
FAWL10	Southern Electric	0.9	328.5	328.5	249.9	FAWL40
IVER10	Southern Electric	0.9	481.2	481.2	36.7	IVER20
IVER60	Southern Electric	0.9	136.0	136.0	36.7	IVER20
LALE10	Southern Electric	0.9	247.9	247.9	17.6	LALE20_SPN
LOVE11	Southern Electric	1.0	337.0	337.0	3.9	
LOVE12	Southern Electric	1.0	337.0	337.0	3.9	
MANN10	Southern Electric	1.0	712.1	712.1	2.1	MANN40
MELK10	Southern Electric	1.0	404.6	404.6	9.2	MELK40_SEP
MITY11	Southern Electric	1.0	170.4	170.4	2.0	
MITY12	Southern Electric	1.0	170.4	170.4	2.0	
NHYD60	Southern Electric	0.9	236.6	236.6	0.0	NHYD2A / NHYD2B
NURS10	Southern Electric	1.0	503.1	503.1	62.8	NURS40
TYNE50	Southern Electric	0.9	7.1	7.1	0.0	TYNE20
WISD60	Southern Electric	1.0	153.2	153.2	0.0	WISD20_LPN
AYR20	SP Distribution	1.0	65.7	62.1	0.0	
BAGA10	SP Distribution	1.0	64.7	62.0	0.0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	1.0	45.6	43.6	0.0	BAIN10
BERW10	SP Distribution	0.9	33.1	30.7	0.0	BERW1Q / BERW1R
BONN20	SP Distribution	1.0	85.2	67.7	0.0	BONN20
BRAE1	SP Distribution	1.0	40.6	38.2	0.0	
BROX10	SP Distribution	1.0	58.5	56.4	0.0	BROX1Q / BROX1R
CAFA10	SP Distribution	1.0	0.3	-5.1	5.0	CAFA1Q

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CATY10	SP Distribution	1.0	62.9	56.5	0.0	CATY1Q / CATY1R
CHAP10	SP Distribution	1.0	47.9	47.1	0.0	CHAP10
CHAS20	SP Distribution	1.0	96.9	88.0	0.0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	1.0	76.7	73.7	6.8	CLYM20
COAT10	SP Distribution	1.0	47.8	31.8	0.0	
COAT30	SP Distribution	1.0	43.3	40.0	0.0	COAT2Q / COAT2R
COCK40	SP Distribution	1.0	44.6	43.0	0.0	
COYL10	SP Distribution	0.9	47.2	39.8	9.8	COYL10
CROO31	SP Distribution	1.0	36.5	36.5	0.0	CROO1Q / CROO1R
CROO32	SP Distribution	1.0	29.7	28.3	0.0	CROO1Q / CROO1R
CUMB10	SP Distribution	1.0	54.0	51.1	9.2	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.9	67.8	66.6	0.0	CUPA1Q / CUPA1R
CURR20	SP Distribution	1.0	13.3	13.2	0.0	CURR10
DEVM10	SP Distribution	1.0	45.1	34.4	0.0	DEVM10
DEVO10	SP Distribution	0.9	64.7	63.0	0.0	DEVO10
DEWP30	SP Distribution	1.0	107.7	101.0	0.0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.9	21.7	5.4	0.0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	1.0	79.4	78.7	0.0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	1.0	48.0	44.7	0.0	DUMF10
DUMF32	SP Distribution	0.9	19.1	10.3	0.0	DUMF10
DUMF50	SP Distribution	1.0	16.5	16.1	0.0	DUMF10
DUNB30	SP Distribution	1.0	51.3	27.7	0.0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	1.0	41.9	36.2	1.1	DUNF1Q / DUNF1R
EAST50	SP Distribution	1.0	0.4	-5.5	5.4	EAST1Q
ECCL30	SP Distribution	1.0	43.3	24.3	0.0	ECCL10
EERH30	SP Distribution	1.0	102.2	102.2	0.0	EERH20
EKIL30	SP Distribution	1.0	69.0	67.8	0.0	EKIL2S / EKIL2T
EKIS30	SP Distribution	1.0	39.6	32.6	3.9	EKIS20
ELDE10	SP Distribution	1.0	54.4	34.4	0.0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	1.0	26.0	25.9	0.0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.9	43.6	34.2	7.6	GALA10
GIFF30	SP Distribution	1.0	83.3	70.3	0.0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1.0	2.3	-12.1	13.6	GLLE10
GLLU30	SP Distribution	0.9	25.4	18.4	5.1	GLLU1Q / GLLU1R
GLNI30	SP Distribution	1.0	25.9	25.5	0.0	GLNI10
GLRO30	SP Distribution	1.0	45.8	45.2	0.0	GLRO20
GORG30	SP Distribution	1.0	37.4	34.8	0.0	GORG1Q / GORG1R
GOVA30	SP Distribution	1.0	42.6	39.8	0.0	GOVA1Q / GOVA1R
GRMO30	SP Distribution	1.0	34.6	33.7	4.5	
GRMO30	SP Distribution	1.0	36.3	32.5	0.0	GRMO20
HAGR30	SP Distribution	1.0	48.0	46.3	0.0	
HAWI30	SP Distribution	1.0	27.8	24.4	0.0	HAWI10
HELE30	SP Distribution	1.0	23.8	22.6	0.0	HELE10
HUNF30	SP Distribution	0.7	8.9	5.1	0.0	HUNF1Q / HUNF1R
INKE30	SP Distribution	1.0	53.5	52.1	0.0	INKE1Q / INKE1R
JOHN30	SP Distribution	1.0	48.5	46.4	0.0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	1.0	96.5	77.0	4.7	KAIM20
KEOO50	SP Distribution	-1.0	0.3	-13.8	13.8	KEOO10
KIER30	SP Distribution	1.0	76.6	75.4	1.6	KIER1Q / KIER1R
KILB30	SP Distribution	1.0	35.8	23.0	0.0	KILB1Q / KILB1R
KILB50	SP Distribution	1.0	11.5	11.3	0.0	KILB1Q / KILB1R
KILS30	SP Distribution	1.0	37.2	35.0	1.3	KILS20
KILT30	SP Distribution	1.0	90.3	88.8	0.0	KILT2Q / KILT2R
KILW30	SP Distribution	0.9	36.5	16.5	15.5	KILW10
LEVE30	SP Distribution	1.0	43.4	42.9	0.0	LEVE1Q / LEVE1R
LING30	SP Distribution	1.0	71.5	70.3	0.0	LING1Q / LING1R
LINM30	SP Distribution	0.8	59.2	36.7	19.5	LINM20
MAYB30	SP Distribution	1.0	25.2	20.8	1.0	MAYB10
NEAR30	SP Distribution	1.0	84.2	81.9	4.2	NEAR20
NETS30	SP Distribution	0.9	14.9	10.5	0.0	NETS10
PAIS30	SP Distribution	1.0	47.6	47.0	0.0	
PART30	SP Distribution	1.0	49.5	48.6	0.0	PART1Q / PART1R
POOB30	SP Distribution	1.0	107.0	105.8	3.0	POOB2Q / POOB2R
PORD30	SP Distribution	1.0	88.4	84.8	0.0	PORD2Q / PORD2R
RAVE30	SP Distribution	1.0	29.7	9.3	0.0	RAVE2Q / RAVE2R
REDH30	SP Distribution	1.0	49.1	43.3	0.0	REDH10
SACO3A	SP Distribution	1.0	45.6	38.2	11.7	SACO1Q / SACO1R
SACO3B	SP Distribution	1.0	35.2	27.2	0.0	SACO1Q / SACO1R
SANX30	SP Distribution	1.0	40.5	29.9	0.0	SANX1Q / SANX1R
SHRU30	SP Distribution	1.0	56.7	55.9	0.0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	1.0	108.7	105.6	0.0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	1.0	43.0	40.3	0.0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.9	55.5	54.1	0.0	STHA20
STIR30	SP Distribution	0.9	84.5	76.0	0.0	STIR1S / STIR1T
STLE30	SP Distribution	1.0	55.5	52.7	0.0	STLE10
TELR30	SP Distribution	1.0	33.2	33.1	0.0	TELR1Q / TELR1R
TONG50	SP Distribution	1.0	28.4	24.4	0.0	TONG10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
WFIE30	SP Distribution	0.9	38.3	27.7	8.1	WFIE10
WGEO30	SP Distribution	1.0	90.0	69.0	0.0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	1.0	65.6	65.2	0.0	WHHO2Q / WHHO2R
WISH10	SP Distribution	1.0	84.6	80.3	0.0	WISH20
BIRK10	SP MANWEB	1.0	263.1	263.1	1.8	BIRK20
CAPE10	SP MANWEB	1.0	247.8	232.2	0.8	CAPE20
CARR11	SP MANWEB	0.9	119.2	122.5	0.8	
CASK10	SP MANWEB	0.9	420.0	420.0	0.0	FROD40
CELL11	SP MANWEB	1.0	88.6	88.6	0.9	
CELL12	SP MANWEB	1.0	88.6	88.6	0.9	
CONQ10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
CONQ10	SP MANWEB	0.9	137.8	128.1	0.0	DEES40
FIDF11	SP MANWEB	0.9	70.4	70.4	0.3	
FIDF12	SP MANWEB	0.9	70.4	70.4	0.3	
FIDF13	SP MANWEB	0.9	70.4	70.4	0.3	FIDF20
FIDF14	SP MANWEB	0.9	70.4	70.4	0.3	
FROD11	SP MANWEB	1.0	38.9	38.9	0.3	
FROD12	SP MANWEB	1.0	38.9	38.9	0.3	
INCE11	SP MANWEB	1.0	56.8	32.4	0.0	
INCE12	SP MANWEB	1.0	56.8	32.4	0.0	
KIBY11	SP MANWEB	1.0	184.6	184.6	0.0	
KIBY12	SP MANWEB	1.0	184.6	184.6	0.0	
LEGA10	SP MANWEB	1.0	344.9	344.9	0.2	LEGA40
LISD10	SP MANWEB	1.0	395.6	396.8	0.5	LISD20
PENT10	SP MANWEB	1.0	210.2	188.9	0.5	PENT40
RAIN11	SP MANWEB	1.0	195.1	191.0	0.3	
RAIN12	SP MANWEB	1.0	195.1	191.0	0.3	
SHOT10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
SHOT10	SP MANWEB	0.9	137.8	128.1	0.0	DEES40
SWAN11	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20_SPM
SWAN12	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20_SPM
TRAW10	SP MANWEB	1.0	76.3	61.6	0.0	TRAW20
WYLF10	SP MANWEB	1.0	66.0	56.8	0.0	Station Load
FERR11	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
FERR12	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
ABTH11	WPD (formerly SWALEC (Infralec))	1.0	106.9	101.3	0.9	ABTH20
ABTH12	WPD (formerly SWALEC (Infralec))	1.0	106.9	101.3	0.9	ABTH20
AESB11	WPD (formerly SWALEC (Infralec))	1.0	106.9	101.3	0.9	
ALST31	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
ALST32	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
CARE10	WPD (formerly SWALEC (Infralec))	1.0	106.9	101.3	0.9	CARE20
GRAN60	WPD (formerly SWALEC (Infralec))	0.9	119.6	29.6	5.0	MAGA20
PEMB10	WPD (formerly SWALEC (Infralec))	1.0	213.6	200.6	1.6	PEMB40
PYLE10	WPD (formerly SWALEC (Infralec))	1.0	146.9	109.7	15.6	PYLE20
RASS10	WPD (formerly SWALEC (Infralec))	1.0	247.5	247.4	3.0	RASS40
SWAN11	WPD (formerly SWALEC (Infralec))	1.0	320.4	320.7	12.4	SWAN20_SPM
SWAN12	WPD (formerly SWALEC (Infralec))	1.0	320.4	320.7	12.4	SWAN20_SPM
UPPB10	WPD (formerly SWALEC (Infralec))	1.0	192.5	184.4	5.5	UPPB20
UPPB30	WPD (formerly SWALEC (Infralec))	1.0	109.5	103.6	0.0	UPPB20
USKM10	WPD (formerly SWALEC (Infralec))	1.0	280.9	272.5	1.5	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	1.0	43.7	0.0	0.0	MEAD10
ABHA11	WPD(formerly SWEB)	1.0	130.4	130.6	0.0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1.0	130.4	130.6	0.0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	1.0	218.8	211.1	0.0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	1.0	107.8	104.0	0.0	AXMI40_SEP
BRWA10	WPD(formerly SWEB)	0.9	212.8	205.3	0.0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1.0	324.2	347.9	0.0	EXET40
INDQ10	WPD(formerly SWEB)	1.0	474.7	457.9	0.0	INDQ40
IROA11	WPD(formerly SWEB)	1.0	167.7	161.7	0.0	IROA20_AQUIL
IROA12	WPD(formerly SWEB)	1.0	167.7	161.7	0.0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1.0	280.3	273.8	0.0	LAND40
OLDS11	WPD(formerly SWEB)	1.0	167.7	161.7	0.0	Station Load
SEAB11	WPD(formerly SWEB)	1.0	346.8	334.6	0.0	SEAB40
TAUN10	WPD(formerly SWEB)	0.9	121.8	117.5	0.0	TAUN4B
BRAW11	Yorkshire Electricity	1.0	115.0	115.0	0.0	BRAW20
BRAW11	Yorkshire Electricity	1.0	129.5	129.5	2.2	BRAW20
BRAW12	Yorkshire Electricity	1.0	115.0	115.0	0.0	BRAW20
BRAW12	Yorkshire Electricity	1.0	129.5	129.5	2.2	BRAW20
CAML60	Yorkshire Electricity	1.0	25.8	25.8	0.0	DRAX40
CREB11	Yorkshire Electricity	0.9	105.4	103.9	1.6	CREB40
CREB11	Yorkshire Electricity	1.0	124.1	122.4	10.6	CREB40
CREB12	Yorkshire Electricity	0.9	105.4	103.9	1.6	CREB40
CREB12	Yorkshire Electricity	1.0	124.1	122.4	10.6	CREB40
DRAX11	Yorkshire Electricity	0.9	22.6	20.4	7.6	Station Load
DRAX12	Yorkshire Electricity	0.9	22.6	20.4	7.6	Station Load
ELLA11	Yorkshire Electricity	0.9	184.6	166.0	21.4	ELLA20
ELLA12	Yorkshire Electricity	0.9	184.6	166.0	21.4	ELLA20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
FERR11	Yorkshire Electricity	0.9	71.6	61.5	30.7	FERR20_NED
FERR11	Yorkshire Electricity	0.9	80.6	69.2	0.0	FERR20_NED
FERR11	Yorkshire Electricity	0.9	91.8	89.3	0.9	FERR20_NED
FERR12	Yorkshire Electricity	0.9	71.6	61.5	30.7	FERR20_NED
FERR12	Yorkshire Electricity	0.9	80.6	69.2	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	91.8	89.3	0.9	FERR20_NED
FERR60	Yorkshire Electricity	1.0	93.9	93.9	5.4	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.9	191.9	149.8	24.2	GRIW40
JORD30	Yorkshire Electricity	1.0	67.5	63.3	0.0	JORD20
KEAD10	Yorkshire Electricity	1.0	408.8	259.0	106.0	KEAD40
KIRK10	Yorkshire Electricity	1.0	299.4	290.1	1.3	KIRK20
NEEP30	Yorkshire Electricity	1.0	79.5	78.5	2.3	NEEP20
NORL30	Yorkshire Electricity	1.0	63.7	62.1	0.2	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS31	Yorkshire Electricity	0.9	32.4	28.8	0.0	PITS20
PITS32	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.9	32.4	28.8	0.0	PITS20
SAEN10	Yorkshire Electricity	1.0	115.5	89.7	12.3	SAEN20
SHEC30	Yorkshire Electricity	1.0	100.3	93.6	0.0	SHEC20
SKLG10	Yorkshire Electricity	1.0	663.0	656.8	12.1	SKLG20
THUR60	Yorkshire Electricity	1.0	172.6	172.6	2.6	THUR20
WIBA30	Yorkshire Electricity	0.9	39.9	32.5	0.6	WIBA20
WMEL11	Yorkshire Electricity	0.9	135.1	133.6	6.0	WMEL20
WMEL11	Yorkshire Electricity	1.0	115.9	115.9	1.7	WMEL20
WMEL12	Yorkshire Electricity	0.9	135.1	133.6	6.0	WMEL20
WMEL12	Yorkshire Electricity	1.0	115.9	115.9	1.7	WMEL20
WMEL13	Yorkshire Electricity	0.9	135.1	133.6	6.0	WMEL20
WMEL13	Yorkshire Electricity	1.0	115.9	115.9	1.7	WMEL20

Table E.1.5 - 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	1.0	325.0	325.0	0.0	BLYT20
WYLF10	Anglesey Aluminium	1.0	290.0	290.0	0.0	Station Load
TEMP30	BOC	1.0	25.5	13.5	0.0	TEMP20
DUNG20	British Energy	0.8	7.0	7.0	0.0	Station Load
EGGB41	British Energy	0.8	40.0	17.0	0.0	Station Load
HEYS10	British Energy	0.8	115.0	61.0	0.0	Station Load
HINP21	British Energy	0.8	11.9	3.0	0.0	Station Load
HINP22	British Energy	0.8	11.9	3.0	0.0	Station Load
SIZE40	British Energy	0.9	4.0	4.0	0.0	Station Load
CHAP10	British Nuclear Group	0.9	0.0	0.0	0.0	CHAP10
DUNG20	British Nuclear Group	0.9	2.0	2.0	0.0	Station Load
HINP21	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
HINP22	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
IROA11	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_AQUIL
IROA12	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_SWEB
OLDS11	British Nuclear Group	0.9	1.7	1.7	0.0	Station Load
SIZE11	British Nuclear Group	0.8	1.0	1.0	0.0	
SIZE12	British Nuclear Group	0.8	1.0	1.0	0.0	
TRAW20	British Nuclear Group	0.9	1.0	1.0	0.0	TRAW20
WYLF10	British Nuclear Group	0.9	10.0	10.0	0.0	Station Load
TREM30	Celsa	0.9	95.0	0.0	0.0	TREM20
BESW10	Central Networks East (EMEB)	1.0	366.2	366.1	2.5	BESW20
BICF10	Central Networks East (EMEB)	1.0	172.7	172.2	4.9	BICF4A /BICF4B
CHTE11	Central Networks East (EMEB)	1.0	279.0	278.8	5.8	
CHTE12	Central Networks East (EMEB)	1.0	279.0	278.8	5.8	
COVE10	Central Networks East (EMEB)	1.0	560.2	539.4	25.3	COVE20
DRAK10	Central Networks East (EMEB)	1.0	195.7	191.6	1.4	DRAK20
ECLA10	Central Networks East (EMEB)	1.0	414.3	412.3	17.7	ECLA40_EME
ENDE10	Central Networks East (EMEB)	1.0	540.1	532.2	3.9	ENDE40
GREN11	Central Networks East (EMEB)	1.0	364.8	364.8	6.1	
GREN12	Central Networks East (EMEB)	1.0	364.8	364.8	6.1	
HAMH11	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	1.0	62.8	62.2	0.0	HAMH40_EME
RATS10	Central Networks East (EMEB)	1.0	598.7	570.4	12.2	RATS40
SBAR40	Central Networks East (EMEB)	1.0	108.1	108.1	0.0	SBAR40
STYC10	Central Networks East (EMEB)	1.0	186.5	182.0	8.5	STAY40
WALP11	Central Networks East (EMEB)	1.0	86.6	86.1	0.6	
WALP12	Central Networks East (EMEB)	1.0	86.6	86.1	0.6	
WALP13	Central Networks East (EMEB)	1.0	86.6	86.1	0.6	
WBUR10	Central Networks East (EMEB)	1.0	290.3	290.3	4.6	WBUR40
WILL10	Central Networks East (EMEB)	1.0	602.6	602.5	2.1	WILE20
BISW10	Central Networks West (Aquila)	1.0	473.7	467.1	1.8	BISW20
BUSH10	Central Networks West (Aquila)	1.0	158.3	158.3	4.9	BUSH20
BUST10	Central Networks West (Aquila)	1.0	361.1	349.6	2.0	BUST20
CELL11	Central Networks West (Aquila)	1.0	254.8	241.9	1.5	
CELL12	Central Networks West (Aquila)	1.0	254.8	241.9	1.5	
ECLA10	Central Networks West (Aquila)	1.0	66.9	60.8	0.0	ECLA40_EME
FECK60	Central Networks West (Aquila)	1.0	284.8	281.5	30.7	FECK20
GLOU10	Central Networks West (Aquila)	1.0	188.1	182.6	2.8	WALH40
GLOU11	Central Networks West (Aquila)	1.0	188.1	182.6	2.8	
GLOU12	Central Networks West (Aquila)	1.0	188.1	182.6	2.8	
HAMH11	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
IROA11	Central Networks West (Aquila)	1.0	77.2	76.6	0.0	IROA20_AQUIL
IROA12	Central Networks West (Aquila)	1.0	77.2	76.6	0.0	IROA20_SWEB
IRSH40	Central Networks West (Aquila)	1.0	85.2	84.9	0.0	IRSH40
IRSH40	Central Networks West (Aquila)	1.0	251.0	243.5	2.5	IRSH40
KITW10	Central Networks West (Aquila)	1.0	405.8	392.3	0.7	KITW20
LEAM10	Central Networks West (Aquila)	1.0	152.9	154.3	3.2	HAMH40_EME
NECH11	Central Networks West (Aquila)	1.0	179.1	160.3	0.9	
NECH12	Central Networks West (Aquila)	1.0	179.1	160.3	0.9	
OCKH10	Central Networks West (Aquila)	1.0	118.8	97.9	0.0	OCKH20
OLDB10	Central Networks West (Aquila)	1.0	99.5	89.2	1.6	OLDB20
OLDS11	Central Networks West (Aquila)	1.0	77.2	76.6	0.0	Station Load
PENN10	Central Networks West (Aquila)	1.0	314.0	299.3	6.7	PENN20
RUGE10	Central Networks West (Aquila)	1.0	232.3	228.8	2.1	RUGE40
WIEN10	Central Networks West (Aquila)	1.0	140.0	123.1	0.8	WIEN2A /WIEN2B
ABTH11	Centrica	0.9	3.6	1.5	0.0	ABTH20
ABTH12	Centrica	0.9	3.6	1.5	0.0	ABTH20
AESB11	Centrica	0.9	3.6	1.5	0.0	
CARE10	Centrica	0.9	3.6	1.5	0.0	CARE20
GREN11	Corby Power Ltd	1.0	0.0	0.0	0.0	
GREN12	Corby Power Ltd	1.0	0.0	0.0	0.0	
ALDW31	CORUS	0.8	18.0	18.0	0.0	ALDW20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ALDW31	CORUS	0.8	80.0	58.5	0.0	ALDW20
ALDW32	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW32	CORUS	0.8	80.0	58.5	0.0	ALDW20
GRTO60	CORUS	0.8	8.0	8.0	0.0	GRTO2A /GRTO2B
RAVE30	CORUS	0.8	5.0	3.0	0.0	RAVE2Q /RAVE2R
STSB60	CORUS	0.9	70.0	0.1	0.0	STSB40
TEMP30	CORUS	0.8	12.0	6.0	0.0	TEMP20
TINP32	CORUS	0.7	59.0	43.0	0.0	TINP2A /TINP2B
TODP60	CORUS	0.8	13.0	5.0	88.0	TODP20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WILL10	Derwent	1.0	0.0	0.0	0.0	WILE20
DRAX11	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX11	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.3	40.0	8.0	0.0	Station Load
GRAI40	E.ON (UK) plc (Powergen)	0.8	46.0	21.0	0.0	Station Load
IRON11	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
IRON12	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
KINO10	E.ON (UK) plc (Powergen)	0.8	40.0	10.0	0.0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.8	43.0	13.0	0.0	RATS40
SHRE10	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
AMEM10	Eastern Power Networks	1.0	67.7	58.2		AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	1.0	103.1	101.5		BARK20_EPN
BARW31	Eastern Power Networks	0.9	37.8	35.7		
BARW32	Eastern Power Networks	0.9	37.8	35.7		
BRFO10	Eastern Power Networks	1.0	681.5	664.7	103.9	BRFO40
BRIM10	Eastern Power Networks	0.9	247.9	248.3		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BARRA10	Eastern Power Networks	0.9	707.8	691.0		RAYL40 / BRAI4A
BURW10	Eastern Power Networks	1.0	281.5	281.5	0.0	BURW40
EASO1A	Eastern Power Networks	1.0	134.0	113.7	15.9	
EASO1B	Eastern Power Networks	1.0	134.0	113.7	15.9	
ELRH10	Eastern Power Networks	1.0	516.0	516.0		ELST20 / RYEH40 / RYEH4A
ELST1A	Eastern Power Networks	1.0	45.4	44.6		
ELST1B	Eastern Power Networks	1.0	45.4	44.6		
ELWS10	Eastern Power Networks	1.0	334.0	328.3		ELST20 / WATS20
GREN11	Eastern Power Networks	1.0	52.3	52.3	0.1	
GREN12	Eastern Power Networks	1.0	52.3	52.3	0.1	
MILH11	Eastern Power Networks	1.0	101.6	101.6		
MILH12	Eastern Power Networks	1.0	101.6	101.6		
NORW10	Eastern Power Networks	1.0	646.9	646.9	5.3	NORW40
PEWY10	Eastern Power Networks	1.0	482.3	482.3		WYMO40 / PELH40
SUND11	Eastern Power Networks	1.0	277.4	277.4	13.9	
SUND12	Eastern Power Networks	1.0	277.4	277.4	13.9	
TILB11	Eastern Power Networks	1.0	60.6	55.5	6.5	TILB20
TILB12	Eastern Power Networks	1.0	47.8	46.6	3.9	TILB20
TILB13	Eastern Power Networks	1.0	47.8	46.6	3.9	TILB20
TILB14	Eastern Power Networks	1.0	60.6	55.5	6.5	TILB20
TOTT11	Eastern Power Networks	1.0	182.5	181.6	13.3	
TOTT12	Eastern Power Networks	1.0	182.5	181.6	13.3	
WALP11	Eastern Power Networks	1.0	173.5	173.5	17.3	
WALP12	Eastern Power Networks	1.0	173.5	173.5	17.3	
WALP13	Eastern Power Networks	1.0	173.5	173.5	17.3	
WARL10	Eastern Power Networks	1.0	245.2	242.5	9.4	WARL20
WATS12	Eastern Power Networks	1.0	206.2	206.2		WATS20
WISD10	Eastern Power Networks	1.0	55.5	55.1		WISD20_EME
WTHU60	Eastern Power Networks	1.0	38.1	35.9		WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	1.0	209.5	209.5	0.0	BARK20_EPN
BARW31	EDF (Formerly LPN)	0.9	107.6	104.1		
BARW32	EDF (Formerly LPN)	0.9	107.6	104.1		
BEHU10	EDF (Formerly LPN)	1.0	162.8	150.8		
BEHU10	EDF (Formerly LPN)	1.0	320.5	315.0		
BRIM10	EDF (Formerly LPN)	0.9	126.8	125.6		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
CITR11	EDF (Formerly LPN)	1.0	447.1	389.0	4.9	
CITR12	EDF (Formerly LPN)	1.0	447.1	389.0	4.9	
HACK10	EDF (Formerly LPN)	1.0	167.4	167.4		HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	1.0	180.5	175.6		HACK2A /HACK2B
LITT12	EDF (Formerly LPN)	1.0	54.9	54.9	2.5	
LITT13	EDF (Formerly LPN)	1.0	54.9	54.9	2.5	
LODR61	EDF (Formerly LPN)	1.0	219.0	210.7		
LODR62	EDF (Formerly LPN)	1.0	219.0	210.7		
MILH11	EDF (Formerly LPN)	0.9	0.0	0.0		
MILH12	EDF (Formerly LPN)	0.9	0.0	0.0		
NEWI10	EDF (Formerly LPN)	1.0	226.2	218.2		

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
NEWX61	EDF (Formerly LPN)	0.9	149.4	149.4		
NEWX62	EDF (Formerly LPN)	0.9	149.4	149.4		
NFLW14	EDF (Formerly LPN)	1.0	54.9	54.9	2.5	
REBR30	EDF (Formerly LPN)	1.0	149.6	149.6		REBR20
SJOW11	EDF (Formerly LPN)	1.0	394.5	368.6		
SJOW12	EDF (Formerly LPN)	1.0	394.5	368.6		
WHAM11	EDF (Formerly LPN)	1.0	422.7	393.0		
WHAM12	EDF (Formerly LPN)	1.0	422.7	393.0		
WIGP10	EDF (Formerly LPN)	1.0	648.4	636.2		WIMB20
WIMB14	EDF (Formerly LPN)	1.0	152.3	149.1	2.9	WIMB20
WISD10	EDF (Formerly LPN)	1.0	293.6	285.5		WISD20 EME
WISD60	EDF (Formerly LPN)	1.0	124.2	121.7		WISD20 LPN
WBUR10	EdF Energy	0.7	60.0	9.0	0.0	WBUR40
SFEM50	Exxon Mobil	1.0	21.4	21.4	0.0	SFEM10
HUTT10	Fellside Heat and Power	0.9	21.5	21.5	0.0	HUTT40
SEFI10	Fellside Heat and Power	0.9	21.5	21.5	0.0	Station Load
DINO40	First Hydro	1.0	50.0	0.0	0.0	Station Load
DINO40	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	550.0	0.0	0.0	Station Load
BAGB20	GE Energy	0.9	27.0	27.0	530.0	Station Load
GRMO30	Ineos (Innovene) Grangemouth	1.0	74.8	74.8	0.0	GRMO20
RUGE10	International Power	0.9	30.0	4.0	0.0	RUGE40
CULJ31	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ32	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ33	J E T	0.9	0.0	0.0	0.0	CULJ4A
HARE30	MOD	0.8	16.0	16.0	0.0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.9	88.0	88.0	0.0	Station Load
SFEG10	National Grid	1.0	50.0	50.0	0.0	SFEG10
ALCA1A	Northern Electric	0.9	79.4	-47.5	0.0	BLYT20
ALCA1B	Northern Electric	0.9	79.4	-47.5	0.0	BLYT20
BLYT60	Northern Electric	1.0	179.1	177.2	7.7	BLYT20
FERR11	Northern Electric	0.9	0.0	0.0		FERR20 NED
FERR12	Northern Electric	0.9	0.0	0.0		FERR20 NED
FOUR70	Northern Electric	1.0	17.3	15.9	0.0	FOUR20
HARM60	Northern Electric	1.0	98.8	93.1	2.9	HARM20
HAWP60	Northern Electric	1.0	115.2	111.6	4.6	HAWP20
KNAR10	Northern Electric	1.0	187.6	182.7	1.9	KNAR20
LACK60	Northern Electric	1.0	230.3	193.1	4.4	LACK20
LYNE70	Northern Electric	0.9	79.4	-47.5	0.0	BLYT20
NORT11	Northern Electric	1.0	250.5	247.9	7.0	NORT20
NORT12	Northern Electric	1.0	250.5	247.9	7.0	NORT20
OFFE30	Northern Electric	1.0	75.2	72.8	0.0	OFFE20
OSBA10	Northern Electric	1.0	304.9	303.0	3.6	OSBA40
POPP30	Northern Electric	1.0	55.4	55.4	2.0	POPP20
SALH10	Northern Electric	1.0	94.1	-34.2	91.9	SALH20
SPEN10	Northern Electric	1.0	260.6	251.3	18.0	SPEN20
SSH130	Northern Electric	1.0	53.8	50.5	0.0	SSH120
STEN11	Northern Electric	1.0	121.9	118.1	2.0	STEW20
STEN12	Northern Electric	1.0	121.9	118.1	2.0	STEW20
STES10	Northern Electric	1.0	259.0	255.0	7.6	STEW20
TYNE10	Northern Electric	1.0	191.9	191.8	2.1	TYNE20
WBOL60	Northern Electric	1.0	278.2	270.0	0.1	WBOL20
BRED10	NORWEB (UU)	1.0	352.2	352.2	0.0	BRED20
CARR12	NORWEB (UU)	1.0	284.9	284.9	20.0	
HARK11	NORWEB (UU)	0.9	23.8	23.8	63.2	HARK20
HARK11	NORWEB (UU)	0.9	36.1	36.1	81.5	HARK20
HARK12	NORWEB (UU)	0.9	23.8	23.8	63.2	HARK20
HARK12	NORWEB (UU)	0.9	36.1	36.1	81.5	HARK20
HEYS10	NORWEB (UU)	0.9	-192.3	-192.3	297.9	Station Load
HUTT10	NORWEB (UU)	1.0	116.2	116.2	12.0	HUTT40
KEAR11	NORWEB (UU)	1.0	289.4	289.4	0.0	KEAR20
KEAR12	NORWEB (UU)	1.0	289.4	289.4	0.0	KEAR20
KEAR30	NORWEB (UU)	1.0	100.2	100.2	8.0	KEAR20
MACC30	NORWEB (UU)	0.9	62.4	62.4	15.0	MACC20
PADI10	NORWEB (UU)	1.0	199.6	199.6		PADI40
PENE11	NORWEB (UU)	1.0	107.2	107.2	0.0	PEWO40
PENE12	NORWEB (UU)	1.0	107.2	107.2	0.0	PEWO40
PENW11	NORWEB (UU)	1.0	60.6	60.6	4.8	PEWO20
PENW12	NORWEB (UU)	1.0	60.6	60.6	4.8	PEWO20
ROCH11	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH11	NORWEB (UU)	1.0	82.0	82.0	37.2	ROCH20
ROCH12	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH12	NORWEB (UU)	1.0	82.0	82.0	37.2	ROCH20
SEFI10	NORWEB (UU)	1.0	116.2	116.2	12.0	Station Load

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
SMAN10	NORWEB (UU)	1.0	339.2	339.2	19.0	SMAN20
STAH10	NORWEB (UU)	1.0	60.6	60.6	4.8	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.9	413.7	413.7	0.0	STAL20
WASF1A	NORWEB (UU)	0.9	79.4	79.4	0.0	WASF2A
WASF1B	NORWEB (UU)	0.9	79.4	79.4	0.0	WASF2B
WHGA10	NORWEB (UU)	1.0	306.7	306.7	3.6	WHGA20
BARK10	Railtrack	0.9	0.0	0.0	0.0	BARK20_EPN
BARK40	Railtrack	1.0	37.0	37.0	0.0	
ELST4A	Railtrack	1.0	6.5	6.5	0.0	ELST20
ELST4B	Railtrack	1.0	6.5	6.5	0.0	ELST20
LEIB4A	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
LEIB4B	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
PAFB4A	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
PAFB4B	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
POPP20	Railtrack	0.8	5.8	5.8	0.0	POPP20
RUGE40	Railtrack	1.0	18.1	18.1	0.0	RUGE40
SELL30	Railtrack	1.0	37.0	37.0	0.0	SELL40
SING40	Railtrack	1.0	37.0	21.0	0.0	SING40
WYMO40	Railtrack	1.0	15.1	15.1	0.0	WYMO40
ABTH11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
AESB11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	
BLYT60	RWE Npower plc (Innogy)	0.9	0.0	0.0	0.0	BLYT20
CARE10	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	CARE20
FAWL40	RWE Npower plc (Innogy)	0.6	20.0	3.0	0.0	FAWL40
LITT12	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
LITT13	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
NFLW14	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
TILB11	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
TILB14	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
SAES20	Saltend	1.0	100.0	100.0	0.0	SAES20
BEDD11	SEEBOARD Power Networks	1.0	265.8	260.1		
BEDD12	SEEBOARD Power Networks	1.0	265.8	260.1		
BEDD1A	SEEBOARD Power Networks	1.0	118.1	115.3	17.0	
BEDD1B	SEEBOARD Power Networks	1.0	118.1	115.3	17.0	
BOLN11	SEEBOARD Power Networks	1.0	462.7	462.7	0.0	BOLN40
BOLN12	SEEBOARD Power Networks	1.0	462.7	462.7	0.0	BOLN40
CHSI10	SEEBOARD Power Networks	1.0	149.3	148.5		CHSI20
CHSI10	SEEBOARD Power Networks	1.0	214.2	205.1		CHSI20
CHSI1A	SEEBOARD Power Networks	1.0	118.1	115.3	17.0	CHSI20
CHSI1B	SEEBOARD Power Networks	1.0	118.1	115.3	17.0	CHSI20
KEMS13	SEEBOARD Power Networks	1.0	77.2	0.0		KEMS40
KINO10	SEEBOARD Power Networks	1.0	197.2	197.2	24.0	Station Load
LALE10	SEEBOARD Power Networks	1.0	74.7	74.3		LALE20_SPN
LITT12	SEEBOARD Power Networks	1.0	6.0	6.0		
LITT13	SEEBOARD Power Networks	1.0	6.0	6.0		
NFLE11	SEEBOARD Power Networks	1.0	107.9	107.9	9.3	
NFLE12	SEEBOARD Power Networks	1.0	107.9	107.9	9.3	
NFLW14	SEEBOARD Power Networks	1.0	6.0	6.0		
NINF11	SEEBOARD Power Networks	1.0	219.2	219.2		
NINF12	SEEBOARD Power Networks	1.0	219.2	219.2		
WIMB13	SEEBOARD Power Networks	1.0	118.1	115.3	17.0	
WIMB14	SEEBOARD Power Networks	1.0	118.1	115.3	17.0	WIMB20
WWEY11	SEEBOARD Power Networks	1.0	178.0	176.4		
WWEY12	SEEBOARD Power Networks	1.0	178.0	176.4		
GRST60	Sembcorp (Formerly ICI)	0.8	140.0	60.0	120.0	Station Load
MOSM50	SHELL	1.0	23.5	23.5	0.0	MOSM10
ABNE30	SHEPD	1.0	46.8	43.3	2.7	ABNE10
ALNE30	SHEPD	-1.0	37.9	27.6	0.0	ALNE1Q / ALNE1R
ARBR30	SHEPD	1.0	40.7	38.4	0.0	ARBR1Q / ARBR1R
ARMO30	SHEPD	-1.0	29.7	25.3	0.9	ARMO10
BEAU30	SHEPD	1.0	32.9	30.3	2.6	BEAU10
BOAG30	SHEPD	1.0	35.4	30.6	2.0	BOAG1Q / BOAG1R
BRAC30	SHEPD	1.0	41.5	38.5	1.5	BRAC1Q / BRAC1R
BRID30	SHEPD	1.0	34.3	32.9	0.0	BRID1Q / BRID1R
BROA30	SHEPD	1.0	15.0	6.9	1.1	BROA1Q
BROR30	SHEPD	1.0	12.6	9.0	0.0	BROR10
BUMU30	SHEPD	1.0	55.5	52.6	0.6	BUMU10
CAAD30	SHEPD	1.0	28.6	18.7	1.2	CAAD1Q / CAAD1R
CASS50	SHEPD	1.0	2.6	1.3	0.2	CASS1Q
CEAN50	SHEPD	0.9	3.7	-0.1	0.5	CEAN1Q
CHAR30	SHEPD	1.0	35.3	33.9	0.0	CHAR10
CLAC30	SHEPD	0.9	5.4	-4.4	8.4	CLAC1Q
CLAY30	SHEPD	1.0	53.5	47.6	0.0	CLAY1Q / CLAY1R
COUA30	SHEPD	1.0	32.9	28.0	0.0	COUA10
CRAI30	SHEPD	1.0	36.1	35.3	0.0	CRAI10
DOUN50	SHEPD	1.0	8.3	6.6	0.0	DOUN10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
DUBE30	SHEPD	-1.0	15.9	15.4	0.0	DUBE1Q
DUDH30	SHEPD	1.0	40.5	38.4	0.0	DUDH1Q / DUDH1R
DUGR30	SHEPD	1.0	8.3	6.5	1.6	DUGR1Q
DUNO30	SHEPD	1.0	24.3	17.0	4.8	DUNO1Q / DUNO1R
DYCE30	SHEPD	1.0	44.4	43.4	3.6	DYCE1Q / DYCE1R
ELGI30	SHEPD	1.0	60.6	56.8	0.0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.0	1.4	-0.2	1.0	FASN10
FAUG30	SHEPD	1.0	5.2	3.4	0.9	FAUG10
FIDD30	SHEPD	1.0	27.6	25.5	0.0	FIDD1Q
FRAS30	SHEPD	1.0	29.4	24.6	0.0	FRAS1Q / FRAS1R
FWIL30	SHEPD	1.0	71.4	33.8	5.2	FWIL1Q / FWIL1R
GLAG30	SHEPD	1.0	29.9	23.0	1.8	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.9	18.7	5.4	3.8	GRUB1Q / GRUB1R
INNE30	SHEPD	1.0	75.2	71.4	3.5	INNE1Q / INNE1R
KEIT30	SHEPD	0.9	72.8	56.5	0.0	KEIT10
KIIN30	SHEPD	0.1	3.4	0.6	0.0	KIIN10
KILO30	SHEPD	0.6	4.2	2.8	0.0	KILO10
KINT30	SHEPD	1.0	71.3	66.8	0.0	KINT10
LAIR50	SHEPD	0.6	2.2	-0.4	2.0	LAIR1Q
LUNA30	SHEPD	1.0	73.4	70.4	1.3	LUNA1Q / LUNA1R
LYND30	SHEPD	1.0	34.6	28.3	0.1	LYND1Q / LYND1R
MACD30	SHEPD	1.0	23.8	18.7	0.0	MACD1Q
MILC30	SHEPD	1.0	63.5	61.0	7.4	MILC10
MYBS30	SHEPD	1.0	16.0	9.9	0.0	MYBS1Q / MYBS1R
NAIR30	SHEPD	1.0	42.8	33.9	0.0	NAIR10
PEHG30	SHEPD	1.0	30.3	29.5	0.0	PEHG1Q / PEHG1R
PEHS50	SHEPD	1.0	9.4	5.8	0.0	PEHE10
PERS30	SHEPD	1.0	53.6	51.9	2.5	PERS10
PORA30	SHEPD	1.0	19.8	14.4	4.7	PORA1Q / PORA1R
RANN30	SHEPD	0.9	-0.2	-1.8	3.5	RANN1Q / RANN1R
REDM30	SHEPD	1.0	41.1	40.0	0.0	REDM1Q / REDM1R
SFEG50	SHEPD	1.0	16.4	14.1	0.0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.9	5.3	-2.7	5.0	SFIL1Q
SHIN50	SHEPD	1.0	4.2	1.8	0.0	SHIN10
SLOY11	SHEPD	1.0	0.9	0.8	0.0	SLOY10
SLOY12	SHEPD	1.0	0.9	0.8	0.0	
SLOY13	SHEPD	1.0	0.9	0.8	0.0	
SLOY14	SHEPD	1.0	0.9	0.8	0.0	
STLE30	SHEPD	0.9	14.2	9.2	2.0	STLE10
STRI30	SHEPD	1.0	20.5	15.7	0.0	STRI1Q / STRI1R
TARL30	SHEPD	1.0	26.3	18.3	0.0	TARL1Q / TARL1R
TAYN30	SHEPD	1.0	33.2	19.3	10.8	TAYN1Q / TAYN1R
THSO30	SHEPD	1.0	39.3	33.4	11.7	THSO1Q / THSO1R
TUMB30	SHEPD	1.0	14.9	13.5	1.2	TUMB1Q / TUMB1R
WIOW30	SHEPD	1.0	48.1	46.7	0.0	WIOW1Q / WIOW1R
WOHI30	SHEPD	1.0	47.3	47.1	0.0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	1.0	61.3	61.3	0.0	AMEM4A_EPN / AMEM4B_EPN
AXMI10	Southern Electric	1.0	126.0	126.0	2.8	AXMI40_SEP
BOTW10	Southern Electric	1.0	185.8	185.8	0.0	BOTW40
BRFL40	Southern Electric	1.0	1,433.0	1,433.0	68.5	BRFL40
BRLE13	Southern Electric	1.0	115.1	115.1	2.0	BRLE40
BRLE14	Southern Electric	1.0	115.1	115.1	2.0	BRLE40
CHIC10	Southern Electric	1.0	107.9	107.9	47.8	CHIC40
COWL10	Southern Electric	1.0	765.3	765.3	15.9	COWL40
EAL160	Southern Electric	1.0	254.2	268.4	6.0	EAL120
FAWL10	Southern Electric	0.9	330.2	330.2	249.9	FAWL40
IVER10	Southern Electric	0.9	501.2	501.2	36.7	IVER20
IVER60	Southern Electric	0.9	137.4	137.4	36.7	IVER20
LALE10	Southern Electric	0.9	248.5	248.5	17.6	LALE20_SPN
LOVE11	Southern Electric	1.0	339.4	339.4	3.9	
LOVE12	Southern Electric	1.0	339.4	339.4	3.9	
MANN10	Southern Electric	1.0	714.9	714.9	2.1	MANN40
MELK10	Southern Electric	1.0	404.9	404.9	9.2	MELK40_SEP
MITY11	Southern Electric	1.0	171.6	171.6	2.0	
MITY12	Southern Electric	1.0	171.6	171.6	2.0	
NHYD60	Southern Electric	0.9	237.7	237.7	0.0	NHYD2A / NHYD2B
NURS10	Southern Electric	1.0	506.5	506.5	62.8	NURS40
TYNE50	Southern Electric	0.9	7.1	7.1	0.0	TYNE20
WISD60	Southern Electric	1.0	155.3	155.3	0.0	WISD20_LPN
AYR20	SP Distribution	1.0	66.1	62.5	0.0	
BAGA10	SP Distribution	1.0	65.1	62.4	0.0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	1.0	45.9	43.9	0.0	BAIN10
BERW10	SP Distribution	0.9	33.3	30.9	0.0	BERW1Q / BERW1R
BONN20	SP Distribution	1.0	85.8	68.2	0.0	BONN20
BRAE1	SP Distribution	1.0	40.8	38.5	0.0	
BROX10	SP Distribution	1.0	58.9	56.8	0.0	BROX1Q / BROX1R
CAFA10	SP Distribution	1.0	0.3	-5.2	5.0	CAFA1Q

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CATY10	SP Distribution	1.0	63.3	56.8	0.0	CATY1Q / CATY1R
CHAP10	SP Distribution	1.0	48.2	47.4	0.0	CHAP10
CHAS20	SP Distribution	1.0	97.6	88.6	0.0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	1.0	77.2	74.2	6.8	CLYM20
COAT10	SP Distribution	1.0	48.1	32.0	0.0	
COAT30	SP Distribution	1.0	43.6	40.3	0.0	COAT2Q / COAT2R
COCK40	SP Distribution	1.0	44.9	43.3	0.0	
COYL10	SP Distribution	0.9	47.5	40.0	9.8	COYL10
CROO31	SP Distribution	1.0	36.8	36.8	0.0	CROO1Q / CROO1R
CROO32	SP Distribution	1.0	29.8	28.5	0.0	CROO1Q / CROO1R
CUMB10	SP Distribution	1.0	54.4	51.4	9.2	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.9	68.2	67.0	0.0	CUPA1Q / CUPA1R
CURR20	SP Distribution	1.0	13.4	13.3	0.0	CURR10
DEVM10	SP Distribution	1.0	45.4	34.7	0.0	DEVM10
DEVO10	SP Distribution	0.9	65.1	63.4	0.0	DEVO10
DEWP30	SP Distribution	1.0	108.4	101.7	0.0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.9	21.9	5.4	0.0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	1.0	79.9	79.2	0.0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	1.0	48.3	44.9	0.0	DUMF10
DUMF32	SP Distribution	0.9	19.3	10.3	0.0	DUMF10
DUMF50	SP Distribution	1.0	16.6	16.2	0.0	DUMF10
DUNB30	SP Distribution	1.0	51.6	27.9	0.0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	1.0	42.1	36.4	1.1	DUNF1Q / DUNF1R
EAST50	SP Distribution	1.0	0.4	-5.6	5.4	EAST1Q
ECCL30	SP Distribution	1.0	43.6	24.4	0.0	ECCL10
EERH30	SP Distribution	1.0	102.9	102.9	0.0	EERH20
EKIL30	SP Distribution	1.0	69.4	68.2	0.0	EKIL2S / EKIL2T
EKIS30	SP Distribution	1.0	39.8	32.8	3.9	EKIS20
ELDE10	SP Distribution	1.0	54.7	34.6	0.0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	1.0	26.1	26.1	0.0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.9	43.9	34.4	7.6	GALA10
GIFF30	SP Distribution	1.0	83.8	70.7	0.0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1.0	2.3	-12.2	13.6	GLLE10
GLLU30	SP Distribution	0.9	25.6	18.5	5.1	GLLU1Q / GLLU1R
GLNI30	SP Distribution	1.0	26.1	25.7	0.0	GLNI10
GLRO30	SP Distribution	1.0	46.1	45.5	0.0	GLRO20
GORG30	SP Distribution	1.0	37.7	35.0	0.0	GORG1Q / GORG1R
GOVA30	SP Distribution	1.0	42.9	40.1	0.0	GOVA1Q / GOVA1R
GRMO3	SP Distribution	1.0	34.8	34.0	4.5	
GRMO30	SP Distribution	1.0	36.5	32.7	0.0	GRMO20
HAGR3	SP Distribution	1.0	48.3	46.6	0.0	
HAWI30	SP Distribution	1.0	28.0	24.5	0.0	HAWI10
HELE30	SP Distribution	1.0	23.9	22.8	0.0	HELE10
HUNF30	SP Distribution	0.7	9.0	5.2	0.0	HUNF1Q / HUNF1R
INKE30	SP Distribution	1.0	53.9	52.4	0.0	INKE1Q / INKE1R
JOHN30	SP Distribution	1.0	48.8	46.7	0.0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	1.0	97.2	77.5	4.7	KAIM20
KEOO50	SP Distribution	-1.0	0.3	-13.8	13.8	KEOO10
KIER30	SP Distribution	1.0	77.1	75.9	1.6	KIER1Q / KIER1R
KILB30	SP Distribution	1.0	36.1	23.1	0.0	KILB1Q / KILB1R
KILB50	SP Distribution	1.0	11.5	11.4	0.0	KILB1Q / KILB1R
KILS30	SP Distribution	1.0	37.4	35.2	1.3	KILS20
KILT30	SP Distribution	1.0	90.9	89.4	0.0	KILT2Q / KILT2R
KILW30	SP Distribution	0.9	36.7	16.6	15.5	KILW10
LEVE30	SP Distribution	1.0	43.7	43.2	0.0	LEVE1Q / LEVE1R
LING30	SP Distribution	1.0	72.0	70.8	0.0	LING1Q / LING1R
LINM30	SP Distribution	0.8	59.5	36.9	19.5	LINM20
MAYB30	SP Distribution	1.0	25.3	20.9	1.0	MAYB10
NEAR30	SP Distribution	1.0	84.7	82.4	4.2	NEAR20
NETS30	SP Distribution	0.9	15.0	10.5	0.0	NETS10
PAIS3	SP Distribution	1.0	48.0	47.3	0.0	
PART30	SP Distribution	1.0	49.8	49.0	0.0	PART1Q / PART1R
POOB30	SP Distribution	1.0	107.7	106.5	3.0	POOB2Q / POOB2R
PORD30	SP Distribution	1.0	88.9	85.4	0.0	PORD2Q / PORD2R
RAVE30	SP Distribution	1.0	29.9	9.3	0.0	RAVE2Q / RAVE2R
REDH30	SP Distribution	1.0	49.4	43.6	0.0	REDH10
SACO3A	SP Distribution	1.0	45.9	38.4	11.7	SACO1Q / SACO1R
SACO3B	SP Distribution	1.0	35.4	27.4	0.0	SACO1Q / SACO1R
SANX30	SP Distribution	1.0	40.8	30.1	0.0	SANX1Q / SANX1R
SHRU30	SP Distribution	1.0	57.0	56.2	0.0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	1.0	109.4	106.3	0.0	SIGH2Q / SIGH2R
SPAV30	SP Distribution	1.0	43.3	40.6	0.0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.9	55.8	54.5	0.0	STHA20
STIR30	SP Distribution	0.9	85.0	76.5	0.0	STIR1S / STIR1T
STLE30	SP Distribution	1.0	55.9	53.0	0.0	STLE10
TELR30	SP Distribution	1.0	33.4	33.4	0.0	TELR1Q / TELR1R
TONG50	SP Distribution	1.0	28.6	24.5	0.0	TONG10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
WFIE30	SP Distribution	0.9	38.6	27.8	8.1	WFIE10
WGEO30	SP Distribution	1.0	90.6	69.4	0.0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	1.0	66.0	65.7	0.0	WHHO2Q / WHHO2R
WISH10	SP Distribution	1.0	85.1	80.8	0.0	WISH20
BIRK10	SP MANWEB	1.0	260.2	260.2	1.8	BIRK20
CAPE10	SP MANWEB	1.0	246.1	230.6	0.8	CAPE20
CARR11	SP MANWEB	0.9	121.4	124.7	0.8	
CASK10	SP MANWEB	0.9	420.0	420.0	0.0	FROD40
CELL11	SP MANWEB	1.0	88.6	88.6	0.9	
CELL12	SP MANWEB	1.0	88.6	88.6	0.9	
CONQ10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
CONQ10	SP MANWEB	0.9	138.6	128.9	0.0	DEES40
FIDF11	SP MANWEB	0.9	71.7	71.7	0.3	
FIDF12	SP MANWEB	0.9	71.7	71.7	0.3	
FIDF13	SP MANWEB	0.9	71.7	71.7	0.3	FIDF20
FIDF14	SP MANWEB	0.9	71.7	71.7	0.3	
FROD11	SP MANWEB	1.0	39.1	39.1	0.3	
FROD12	SP MANWEB	1.0	39.1	39.1	0.3	
INCE11	SP MANWEB	1.0	57.7	32.9	0.0	
INCE12	SP MANWEB	1.0	57.7	32.9	0.0	
KIBY11	SP MANWEB	1.0	186.0	186.0	0.0	
KIBY12	SP MANWEB	1.0	186.0	186.0	0.0	
LEGA10	SP MANWEB	1.0	348.4	348.4	0.2	LEGA40
LISD10	SP MANWEB	1.0	408.4	409.7	0.5	LISD20
PENT10	SP MANWEB	1.0	210.6	189.3	0.5	PENT40
RAIN11	SP MANWEB	1.0	193.7	189.6	0.3	
RAIN12	SP MANWEB	1.0	193.7	189.6	0.3	
SHOT10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
SHOT10	SP MANWEB	0.9	138.6	128.9	0.0	DEES40
SWAN11	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20 SPM
SWAN12	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20 SPM
TRAW10	SP MANWEB	1.0	76.7	61.9	0.0	TRAW20
WYLF10	SP MANWEB	1.0	66.9	57.5	0.0	Station Load
FERR11	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
FERR12	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
ABTH11	WPD (formerly SWALEC (Infracore))	1.0	108.1	102.5	0.9	ABTH20
ABTH12	WPD (formerly SWALEC (Infracore))	1.0	108.1	102.5	0.9	ABTH20
AESB11	WPD (formerly SWALEC (Infracore))	1.0	108.1	102.5	0.9	
ALST31	WPD (formerly SWALEC (Infracore))	1.0	1.2	0.2	0.0	
ALST32	WPD (formerly SWALEC (Infracore))	1.0	1.2	0.2	0.0	
CARE10	WPD (formerly SWALEC (Infracore))	1.0	108.1	102.5	0.9	CARE20
GRAN60	WPD (formerly SWALEC (Infracore))	0.9	119.9	29.7	5.0	MAGA20
PEMB10	WPD (formerly SWALEC (Infracore))	1.0	214.9	201.9	1.6	PEMB40
PYLE10	WPD (formerly SWALEC (Infracore))	1.0	147.8	110.8	15.6	PYLE20
RASS10	WPD (formerly SWALEC (Infracore))	1.0	250.6	250.6	3.0	RASS40
SWAN11	WPD (formerly SWALEC (Infracore))	1.0	323.9	324.2	12.4	SWAN20 SPM
SWAN12	WPD (formerly SWALEC (Infracore))	1.0	323.9	324.2	12.4	SWAN20 SPM
UPPB10	WPD (formerly SWALEC (Infracore))	1.0	195.0	186.7	5.5	UPPB20
UPPB30	WPD (formerly SWALEC (Infracore))	1.0	110.9	104.9	0.0	UPPB20
USKM10	WPD (formerly SWALEC (Infracore))	1.0	284.0	275.6	1.5	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	1.0	43.7	0.0	0.0	MEAD10
ABHA11	WPD(formerly SWEB)	1.0	131.6	131.8	0.0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1.0	131.6	131.8	0.0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	1.0	220.9	213.2	0.0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	1.0	108.8	105.0	0.0	AXMI40_SEP
BRWA10	WPD(formerly SWEB)	0.9	214.2	206.7	0.0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1.0	328.1	351.8	0.0	EXET40
INDQ10	WPD(formerly SWEB)	1.0	478.6	461.9	0.0	INDQ40
IROA11	WPD(formerly SWEB)	1.0	169.1	163.3	0.0	IROA20_AQUIL
IROA12	WPD(formerly SWEB)	1.0	169.1	163.3	0.0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1.0	282.7	276.2	0.0	LAND40
OLDS11	WPD(formerly SWEB)	1.0	169.1	163.3	0.0	Station Load
SEAB11	WPD(formerly SWEB)	1.0	351.0	338.7	0.0	SEAB40
TAUN10	WPD(formerly SWEB)	0.9	122.5	118.3	0.0	TAUN4B
BRAW11	Yorkshire Electricity	1.0	115.6	115.6	0.0	BRAW20
BRAW11	Yorkshire Electricity	1.0	130.1	130.1	2.2	BRAW20
BRAW12	Yorkshire Electricity	1.0	115.6	115.6	0.0	BRAW20
BRAW12	Yorkshire Electricity	1.0	130.1	130.1	2.2	BRAW20
CAML60	Yorkshire Electricity	1.0	25.9	25.9	0.0	DRAX40
CREB11	Yorkshire Electricity	0.9	105.9	104.4	1.6	CREB40
CREB11	Yorkshire Electricity	1.0	124.7	123.0	10.6	CREB40
CREB12	Yorkshire Electricity	0.9	105.9	104.4	1.6	CREB40
CREB12	Yorkshire Electricity	1.0	124.7	123.0	10.6	CREB40
DRAX11	Yorkshire Electricity	0.9	22.7	20.5	7.6	Station Load
DRAX12	Yorkshire Electricity	0.9	22.7	20.5	7.6	Station Load
ELLA11	Yorkshire Electricity	0.9	185.5	166.8	21.4	ELLA20
ELLA12	Yorkshire Electricity	0.9	185.5	166.8	21.4	ELLA20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
FERR11	Yorkshire Electricity	0.9	71.9	61.7	30.7	FERR20_NED
FERR11	Yorkshire Electricity	0.9	82.9	71.1	0.0	FERR20_NED
FERR11	Yorkshire Electricity	0.9	0.0	0.0		FERR20_NED
FERR12	Yorkshire Electricity	0.9	71.9	61.7	30.7	FERR20_NED
FERR12	Yorkshire Electricity	0.9	82.9	71.1	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	0.0	0.0		FERR20_NED
FERR60	Yorkshire Electricity	1.0	94.3	94.4	5.4	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.9	192.8	150.4	24.2	GRIW40
JORD30	Yorkshire Electricity	1.0	67.8	63.6	0.0	JORD20
KEAD10	Yorkshire Electricity	1.0	410.0	259.7	106.0	KEAD40
KIRK10	Yorkshire Electricity	1.0	302.1	292.7	1.3	KIRK20
NEEP30	Yorkshire Electricity	1.0	79.9	78.9	2.3	NEEP20
NORL30	Yorkshire Electricity	1.0	64.0	62.4	0.2	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS31	Yorkshire Electricity	0.9	32.6	28.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.9	32.6	28.9	0.0	PITS20
SAEN10	Yorkshire Electricity	1.0	115.8	89.8	12.3	SAEN20
SHEC30	Yorkshire Electricity	1.0	100.8	94.0	0.0	SHEC20
SKLG10	Yorkshire Electricity	1.0	668.2	661.9	12.1	SKLG20
THUR60	Yorkshire Electricity	1.0	173.4	173.4	2.6	THUR20
WIBA30	Yorkshire Electricity	0.9	40.1	32.6	0.6	WIBA20
WMEL11	Yorkshire Electricity	0.9	136.7	135.1	6.0	WMEL20
WMEL11	Yorkshire Electricity	1.0	116.4	116.4	1.7	WMEL20
WMEL12	Yorkshire Electricity	0.9	136.7	135.1	6.0	WMEL20
WMEL12	Yorkshire Electricity	1.0	116.4	116.4	1.7	WMEL20
WMEL13	Yorkshire Electricity	0.9	136.7	135.1	6.0	WMEL20
WMEL13	Yorkshire Electricity	1.0	116.4	116.4	1.7	WMEL20

Table E.1.6 - GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2016/17

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1.0	325.0	325.0	0.0	BLYT20
WYLF10	Anglesey Aluminium	1.0	290.0	290.0	0.0	Station Load
TEMP30	BOC	1.0	25.5	13.5	0.0	TEMP20
DUNG20	British Energy	0.8	7.0	7.0	0.0	Station Load
EGGB41	British Energy	0.8	40.0	17.0	0.0	Station Load
HEYS10	British Energy	0.8	115.0	61.0	0.0	Station Load
HINP21	British Energy	0.8	11.9	3.0	0.0	Station Load
HINP22	British Energy	0.8	11.9	3.0	0.0	Station Load
SIZE40	British Energy	0.9	4.0	4.0	0.0	Station Load
CHAP10	British Nuclear Group	0.9	0.0	0.0	0.0	CHAP10
DUNG20	British Nuclear Group	0.9	2.0	2.0	0.0	Station Load
HINP21	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
HINP22	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
IROA11	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_AQUIL
IROA12	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_SWEB
OLDS11	British Nuclear Group	0.9	1.7	1.7	0.0	Station Load
SIZE11	British Nuclear Group	0.8	1.0	1.0	0.0	
SIZE12	British Nuclear Group	0.8	1.0	1.0	0.0	
TRAW20	British Nuclear Group	0.9	1.0	1.0	0.0	TRAW20
WYLF10	British Nuclear Group	0.9	10.0	10.0	0.0	Station Load
TREM30	Celsa	0.9	95.0	0.0	0.0	TREM20
BESW10	Central Networks East (EMEB)	1.0	369.1	368.9	2.5	BESW20
BICF10	Central Networks East (EMEB)	1.0	174.0	173.5	4.9	BICF4A /BICF4B
CHTE11	Central Networks East (EMEB)	1.0	281.2	281.0	5.8	
CHTE12	Central Networks East (EMEB)	1.0	281.2	281.0	5.8	
COVE10	Central Networks East (EMEB)	1.0	566.6	545.6	25.3	COVE20
DRAK10	Central Networks East (EMEB)	1.0	197.2	193.1	1.4	DRAK20
ECLA10	Central Networks East (EMEB)	1.0	417.2	415.2	17.7	ECLA40_EME
ENDE10	Central Networks East (EMEB)	1.0	544.3	536.3	3.9	ENDE40
GREN11	Central Networks East (EMEB)	1.0	367.6	367.6	6.1	
GREN12	Central Networks East (EMEB)	1.0	367.6	367.6	6.1	
HAMH11	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	1.0	63.3	62.7	0.0	HAMH40_EME
RATS10	Central Networks East (EMEB)	1.0	603.5	574.9	12.2	RATS40
SBAR40	Central Networks East (EMEB)	1.0	108.9	108.9	0.0	SBAR40
STYC10	Central Networks East (EMEB)	1.0	188.0	183.5	8.5	STAY40
WALP11	Central Networks East (EMEB)	1.0	87.3	86.7	0.6	
WALP12	Central Networks East (EMEB)	1.0	87.3	86.7	0.6	
WALP13	Central Networks East (EMEB)	1.0	87.3	86.7	0.6	
WBUR10	Central Networks East (EMEB)	1.0	292.0	292.0	4.6	WBUR40
WILL10	Central Networks East (EMEB)	1.0	607.1	607.0	2.1	WILE20
BISW10	Central Networks West (Aquila)	1.0	475.8	469.2	1.8	BISW20
BUSH10	Central Networks West (Aquila)	1.0	159.0	159.0	4.9	BUSH20
BUST10	Central Networks West (Aquila)	1.0	362.7	351.2	2.0	BUST20
CELL11	Central Networks West (Aquila)	1.0	255.9	243.0	1.5	
CELL12	Central Networks West (Aquila)	1.0	255.9	243.0	1.5	
ECLA10	Central Networks West (Aquila)	1.0	67.2	61.1	0.0	ECLA40_EME
FECK60	Central Networks West (Aquila)	1.0	286.0	282.7	30.7	FECK20
GLOU10	Central Networks West (Aquila)	1.0	188.9	183.4	2.8	WALH40
GLOU11	Central Networks West (Aquila)	1.0	188.9	183.4	2.8	
GLOU12	Central Networks West (Aquila)	1.0	188.9	183.4	2.8	
HAMH11	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
IROA11	Central Networks West (Aquila)	1.0	77.5	76.9	0.0	IROA20_AQUIL
IROA12	Central Networks West (Aquila)	1.0	77.5	76.9	0.0	IROA20_SWEB
IRSH40	Central Networks West (Aquila)	1.0	85.5	85.3	0.0	IRSH40
IRSH40	Central Networks West (Aquila)	1.0	252.1	244.6	2.5	IRSH40
KITW10	Central Networks West (Aquila)	1.0	407.6	394.1	0.7	KITW20
LEAM10	Central Networks West (Aquila)	1.0	153.6	155.0	3.2	HAMH40_EME
NECH11	Central Networks West (Aquila)	1.0	179.8	161.0	0.9	
NECH12	Central Networks West (Aquila)	1.0	179.8	161.0	0.9	
OCKH10	Central Networks West (Aquila)	1.0	119.3	98.4	0.0	OCKH20
OLDB10	Central Networks West (Aquila)	1.0	99.9	89.6	1.6	OLDB20
OLDS11	Central Networks West (Aquila)	1.0	77.5	76.9	0.0	Station Load
PENN10	Central Networks West (Aquila)	1.0	315.4	300.7	6.7	PENN20
RUGE10	Central Networks West (Aquila)	1.0	233.3	229.8	2.1	RUGE40
WIEN10	Central Networks West (Aquila)	1.0	140.6	123.6	0.8	WIEN2A /WIEN2B
ABTH11	Centrica	0.9	3.6	1.5	0.0	ABTH20
ABTH12	Centrica	0.9	3.6	1.5	0.0	ABTH20
AESB11	Centrica	0.9	3.6	1.5	0.0	
CARE10	Centrica	0.9	3.6	1.5	0.0	CARE20
GREN11	Corby Power Ltd	1.0	0.0	0.0	0.0	
GREN12	Corby Power Ltd	1.0	0.0	0.0	0.0	

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ALDW31	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW31	CORUS	0.8	80.0	58.5	0.0	ALDW20
ALDW32	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW32	CORUS	0.8	80.0	58.5	0.0	ALDW20
GRT060	CORUS	0.8	8.0	8.0	0.0	GRT02A /GRT02B
RAVE30	CORUS	0.8	5.0	3.0	0.0	RAVE2Q /RAVE2R
STSB60	CORUS	0.9	70.0	0.1	0.0	STSB40
TEMP30	CORUS	0.8	12.0	6.0	0.0	TEMP20
TINP32	CORUS	0.7	59.0	43.0	0.0	TINP2A /TINP2B
TODP60	CORUS	0.8	13.0	5.0	88.0	TODP20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO31	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WHSO32	CORUS	0.9	24.1	14.9	0.0	WHSO20
WILL10	Derwent	1.0	0.0	0.0	0.0	WILE20
DRAX11	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX11	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.3	40.0	8.0	0.0	Station Load
GRAI40	E.ON (UK) plc (Powergen)	0.8	46.0	21.0	0.0	Station Load
IRON11	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
IRON12	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
KINO10	E.ON (UK) plc (Powergen)	0.8	40.0	10.0	0.0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.8	43.0	13.0	0.0	RATS40
SHRE10	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
AMEM10	Eastern Power Networks	1.0	69.2	59.7		AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	1.0	105.5	103.8		BARK20_EPN
BARW31	Eastern Power Networks	0.9	38.5	36.4		
BARW32	Eastern Power Networks	0.9	38.5	36.4		
BRFO10	Eastern Power Networks	1.0	690.3	673.5	103.9	BRFO40
BRIM10	Eastern Power Networks	0.9	253.3	253.6		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRR10	Eastern Power Networks	0.9	722.9	706.2		RAYL40 / BRAI4A
BURW10	Eastern Power Networks	1.0	290.6	290.6	0.0	BURW40
EASO1A	Eastern Power Networks	1.0	137.9	117.5	15.9	
EASO1B	Eastern Power Networks	1.0	137.9	117.5	15.9	
ELRH10	Eastern Power Networks	1.0	528.2	528.2		ELST20 / RYEH40 / RYEH4A
ELST1A	Eastern Power Networks	1.0	46.5	45.7		
ELST1B	Eastern Power Networks	1.0	46.5	45.7		
ELWS10	Eastern Power Networks	1.0	340.8	335.1		ELST20 / WATS20
GREN11	Eastern Power Networks	1.0	53.9	53.9	0.1	
GREN12	Eastern Power Networks	1.0	53.9	53.9	0.1	
MILH11	Eastern Power Networks	1.0	104.5	104.5		
MILH12	Eastern Power Networks	1.0	104.5	104.5		
NORW10	Eastern Power Networks	1.0	661.8	661.8	5.3	NORW40
PEWY10	Eastern Power Networks	1.0	495.3	495.3		WYMO40 / PELH40
SUND11	Eastern Power Networks	1.0	283.6	283.6	13.9	
SUND12	Eastern Power Networks	1.0	283.6	283.6	13.9	
TILB11	Eastern Power Networks	1.0	62.2	57.1	6.5	TILB20
TILB12	Eastern Power Networks	1.0	48.3	47.1	3.9	TILB20
TILB13	Eastern Power Networks	1.0	48.3	47.1	3.9	TILB20
TILB14	Eastern Power Networks	1.0	62.2	57.1	6.5	TILB20
TOTT11	Eastern Power Networks	1.0	186.4	185.5	13.3	
TOTT12	Eastern Power Networks	1.0	186.4	185.5	13.3	
WALP11	Eastern Power Networks	1.0	177.6	177.6	17.3	
WALP12	Eastern Power Networks	1.0	177.6	177.6	17.3	
WALP13	Eastern Power Networks	1.0	177.6	177.6	17.3	
WARL10	Eastern Power Networks	1.0	217.9	215.2	9.4	WARL20
WATS12	Eastern Power Networks	1.0	210.0	210.0		WATS20
WISD10	Eastern Power Networks	1.0	59.5	59.1		WISD20_EME
WTHU60	Eastern Power Networks	1.0	74.0	71.8		WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	1.0	228.1	228.1	0.0	BARK20_EPN
BARW31	EDF (Formerly LPN)	0.9	111.7	108.2		
BARW32	EDF (Formerly LPN)	0.9	111.7	108.2		
BEHU10	EDF (Formerly LPN)	1.0	167.0	155.0		
BEHU10	EDF (Formerly LPN)	1.0	330.2	324.7		
BRIM10	EDF (Formerly LPN)	0.9	128.9	127.8		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
CITR11	EDF (Formerly LPN)	1.0	478.4	420.4	4.9	
CITR12	EDF (Formerly LPN)	1.0	478.4	420.4	4.9	
HACK10	EDF (Formerly LPN)	1.0	144.4	144.4		HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	1.0	185.9	181.0		HACK2A /HACK2B
LITT12	EDF (Formerly LPN)	1.0	56.5	56.5	2.5	
LITT13	EDF (Formerly LPN)	1.0	56.5	56.5	2.5	
LODR61	EDF (Formerly LPN)	1.0	222.7	214.3		
LODR62	EDF (Formerly LPN)	1.0	222.7	214.3		
MILH11	EDF (Formerly LPN)	0.9	0.0	0.0		

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
MILH12	EDF (Formerly LPN)	0.9	0.0	0.0		
NEW110	EDF (Formerly LPN)	1.0	236.7	228.8		
NEWX61	EDF (Formerly LPN)	0.9	153.3	153.3		
NEWX62	EDF (Formerly LPN)	0.9	153.3	153.3		
NFLW14	EDF (Formerly LPN)	1.0	56.5	56.5	2.5	
REBR30	EDF (Formerly LPN)	1.0	156.6	156.6		REBR20
SJOW11	EDF (Formerly LPN)	1.0	388.4	362.5		
SJOW12	EDF (Formerly LPN)	1.0	388.4	362.5		
WHAM11	EDF (Formerly LPN)	1.0	441.7	412.0		
WHAM12	EDF (Formerly LPN)	1.0	441.7	412.0		
WIGP10	EDF (Formerly LPN)	1.0	662.1	649.9		WIMB20
WIMB14	EDF (Formerly LPN)	1.0	159.0	155.8	2.9	WIMB20
WISD10	EDF (Formerly LPN)	1.0	302.4	294.3		WISD20 EME
WISD60	EDF (Formerly LPN)	1.0	126.6	124.0		WISD20 LPN
WBUR10	EdF Energy	0.7	60.0	9.0	0.0	WBUR40
SFEM50	Exxon Mobil	1.0	21.4	21.4	0.0	SFEM10
HUTT10	Fellside Heat and Power	0.9	21.5	21.5	0.0	HUTT40
SEFI10	Fellside Heat and Power	0.9	21.5	21.5	0.0	Station Load
DINO40	First Hydro	1.0	50.0	0.0	0.0	Station Load
DINO40	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	550.0	0.0	0.0	Station Load
BAGB20	GE Energy	0.9	27.0	27.0	530.0	Station Load
GRMO30	Ineos (Innovene) Grangemouth	1.0	74.8	74.8	0.0	GRMO20
RUGE10	International Power	0.9	30.0	4.0	0.0	RUGE40
CULJ31	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ32	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ33	J E T	0.9	0.0	0.0	0.0	CULJ4A
HARE30	MOD	0.8	16.0	16.0	0.0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.9	88.0	88.0	0.0	Station Load
SFEG10	National Grid	1.0	50.0	50.0	0.0	SFEG10
ALCA1A	Northern Electric	0.9	79.5	-47.5	0.0	BLYT20
ALCA1B	Northern Electric	0.9	79.5	-47.5	0.0	BLYT20
BLYT60	Northern Electric	1.0	180.0	178.0	7.7	BLYT20
FERR11	Northern Electric	0.9	0.0	0.0		FERR20_NED
FERR12	Northern Electric	0.9	0.0	0.0		FERR20_NED
FOUR70	Northern Electric	1.0	17.4	16.0	0.0	FOUR20
HARM60	Northern Electric	1.0	99.5	93.7	2.9	HARM20
HAWP60	Northern Electric	1.0	116.1	112.5	4.6	HAWP20
KNAR10	Northern Electric	1.0	189.9	184.9	1.9	KNAR20
LACK60	Northern Electric	1.0	231.7	194.3	4.4	LACK20
LYNE70	Northern Electric	0.9	79.5	-47.5	0.0	BLYT20
NORT11	Northern Electric	1.0	252.0	249.5	7.0	NORT20
NORT12	Northern Electric	1.0	252.0	249.5	7.0	NORT20
OFFE30	Northern Electric	1.0	76.1	73.7	0.0	OFFE20
OSBA10	Northern Electric	1.0	308.8	306.9	3.6	OSBA40
POPP30	Northern Electric	1.0	56.4	56.4	2.0	POPP20
SALH10	Northern Electric	1.0	94.2	-34.3	91.9	SALH20
SPEN10	Northern Electric	1.0	263.1	253.7	18.0	SPEN20
SSH130	Northern Electric	1.0	54.1	50.7	0.0	SSH120
STEN11	Northern Electric	1.0	123.7	119.8	2.0	STEW20
STEN12	Northern Electric	1.0	123.7	119.8	2.0	STEW20
STES10	Northern Electric	1.0	260.2	256.1	7.6	STEW20
TYNE10	Northern Electric	1.0	193.1	193.0	2.1	TYNE20
WBOL60	Northern Electric	1.0	280.0	271.7	0.1	WBOL20
BRED10	NORWEB (UU)	1.0	352.2	352.2	0.0	BRED20
CARR12	NORWEB (UU)	1.0	286.9	286.9	20.0	
HARK11	NORWEB (UU)	0.9	24.4	24.4	63.2	HARK20
HARK11	NORWEB (UU)	0.9	36.6	36.6	81.5	HARK20
HARK12	NORWEB (UU)	0.9	24.4	24.4	63.2	HARK20
HARK12	NORWEB (UU)	0.9	36.6	36.6	81.5	HARK20
HEYS10	NORWEB (UU)	0.9	-192.3	-192.3	297.9	Station Load
HUTT10	NORWEB (UU)	1.0	116.2	116.2	12.0	HUTT40
KEAR11	NORWEB (UU)	1.0	290.4	290.4	0.0	KEAR20
KEAR12	NORWEB (UU)	1.0	290.4	290.4	0.0	KEAR20
KEAR30	NORWEB (UU)	1.0	100.2	100.2	8.0	KEAR20
MACC30	NORWEB (UU)	0.9	62.4	62.4	15.0	MACC20
PADI10	NORWEB (UU)	1.0	199.6	199.6		PADI40
PENE11	NORWEB (UU)	1.0	107.2	107.2	0.0	PEWO40
PENE12	NORWEB (UU)	1.0	107.2	107.2	0.0	PEWO40
PENW11	NORWEB (UU)	1.0	60.6	60.6	4.8	PEWO20
PENW12	NORWEB (UU)	1.0	60.6	60.6	4.8	PEWO20
ROCH11	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH11	NORWEB (UU)	1.0	82.0	82.0	37.2	ROCH20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ROCH12	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH12	NORWEB (UU)	1.0	82.0	82.0	37.2	ROCH20
SEFI10	NORWEB (UU)	1.0	116.2	116.2	12.0	Station Load
SMAN10	NORWEB (UU)	1.0	339.2	339.2	19.0	SMAN20
STAH10	NORWEB (UU)	1.0	60.6	60.6	4.8	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.9	416.7	416.7	0.0	STAL20
WASF1A	NORWEB (UU)	0.9	79.4	79.4	0.0	WASF2A
WASF1B	NORWEB (UU)	0.9	79.4	79.4	0.0	WASF2B
WHGA10	NORWEB (UU)	1.0	306.7	306.7	3.6	WHGA20
BARK10	Railtrack	0.9	0.0	0.0	0.0	BARK20_EPN
BARK40	Railtrack	1.0	37.0	37.0	0.0	
ELST4A	Railtrack	1.0	6.5	6.5	0.0	ELST20
ELST4B	Railtrack	1.0	6.5	6.5	0.0	ELST20
LEIB4A	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
LEIB4B	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
PAFB4A	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
PAFB4B	Railtrack	1.0	8.8	8.8	0.0	PAFB4B
POPP20	Railtrack	0.8	5.8	5.8	0.0	POPP20
RUGE40	Railtrack	1.0	18.1	18.1	0.0	RUGE40
SELL30	Railtrack	1.0	37.0	37.0	0.0	SELL40
SING40	Railtrack	1.0	37.0	21.0	0.0	SING40
WYMO40	Railtrack	1.0	15.1	15.1	0.0	WYMO40
ABTH11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
AESB11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	
BLYT60	RWE Npower plc (Innogy)	0.9	0.0	0.0	0.0	BLYT20
CARE10	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	CARE20
FAWL40	RWE Npower plc (Innogy)	0.6	20.0	3.0	0.0	FAWL40
LITT12	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
LITT13	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
NFLW14	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
TILB11	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
TILB14	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
SAES20	Saltend	1.0	100.0	100.0	0.0	SAES20
BEDD11	SEEBOARD Power Networks	1.0	271.5	265.8		
BEDD12	SEEBOARD Power Networks	1.0	271.5	265.8		
BEDD1A	SEEBOARD Power Networks	1.0	121.6	118.8	17.0	
BEDD1B	SEEBOARD Power Networks	1.0	121.6	118.8	17.0	
BOLN11	SEEBOARD Power Networks	1.0	472.7	472.7	0.0	BOLN40
BOLN12	SEEBOARD Power Networks	1.0	472.7	472.7	0.0	BOLN40
CHS10	SEEBOARD Power Networks	1.0	152.4	151.5		CHS120
CHS10	SEEBOARD Power Networks	1.0	217.9	208.8		CHS120
CHS11A	SEEBOARD Power Networks	1.0	121.6	118.8	17.0	CHS120
CHS11B	SEEBOARD Power Networks	1.0	121.6	118.8	17.0	CHS120
KEMS13	SEEBOARD Power Networks	1.0	77.2	0.0		KEMS40
KINO10	SEEBOARD Power Networks	1.0	203.3	203.3	24.0	Station Load
LALE10	SEEBOARD Power Networks	1.0	76.3	75.9		LALE20_SPN
LITT12	SEEBOARD Power Networks	1.0	7.0	7.0		
LITT13	SEEBOARD Power Networks	1.0	7.0	7.0		
NFLE11	SEEBOARD Power Networks	1.0	110.7	110.7	9.3	
NFLE12	SEEBOARD Power Networks	1.0	110.7	110.7	9.3	
NFLW14	SEEBOARD Power Networks	1.0	7.0	7.0		
NINF11	SEEBOARD Power Networks	1.0	223.8	223.8		
NINF12	SEEBOARD Power Networks	1.0	223.8	223.8		
WIMB13	SEEBOARD Power Networks	1.0	121.6	118.8	17.0	
WIMB14	SEEBOARD Power Networks	1.0	121.6	118.8	17.0	WIMB20
WWEY11	SEEBOARD Power Networks	1.0	181.3	179.7		
WWEY12	SEEBOARD Power Networks	1.0	181.3	179.7		
GRST60	Sembcorp (Formerly ICI)	0.8	140.0	60.0	120.0	Station Load
MOSM50	SHELL	1.0	23.5	23.5	0.0	MOSM10
ABNE30	SHEPD	1.0	47.2	43.7	2.7	ABNE10
ALNE30	SHEPD	-1.0	38.1	27.8	0.0	ALNE1Q / ALNE1R
ARBR30	SHEPD	1.0	41.2	38.8	0.0	ARBR1Q / ARBR1R
ARMO30	SHEPD	-1.0	29.8	25.4	0.9	ARMO10
BEAU30	SHEPD	1.0	33.0	30.5	2.6	BEAU10
BOAG30	SHEPD	1.0	35.9	31.1	2.0	BOAG1Q / BOAG1R
BRAC30	SHEPD	1.0	41.8	38.8	1.5	BRAC1Q / BRAC1R
BRID30	SHEPD	1.0	34.6	33.1	0.0	BRID1Q / BRID1R
BROA30	SHEPD	1.0	15.2	7.1	1.1	BROA1Q
BROR30	SHEPD	1.0	12.9	9.2	0.0	BROR10
BUMU30	SHEPD	1.0	56.3	53.4	0.6	BUMU10
CAAD30	SHEPD	1.0	29.1	19.0	1.2	CAAD1Q / CAAD1R
CASS50	SHEPD	1.0	2.6	1.3	0.2	CASS1Q
CEAN50	SHEPD	0.9	3.8	0.0	0.5	CEAN1Q
CHAR30	SHEPD	1.0	35.8	34.4	0.0	CHAR10
CLAC30	SHEPD	0.9	5.6	-4.3	8.4	CLAC1Q

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CLAY30	SHEPD	1.0	53.9	47.9	0.0	CLAY1Q / CLAY1R
COUA30	SHEPD	1.0	33.2	28.2	0.0	COUA10
CRAI30	SHEPD	1.0	36.8	35.9	0.0	CRAI10
DOUN50	SHEPD	1.0	8.4	6.6	0.0	DOUN10
DUBE30	SHEPD	-1.0	16.4	15.9	0.0	DUBE1Q
DUDH30	SHEPD	1.0	41.1	39.0	0.0	DUDH1Q / DUDH1R
DUGR30	SHEPD	1.0	8.4	6.6	1.6	DUGR1Q
DUNO30	SHEPD	1.0	24.5	17.2	4.8	DUNO1Q / DUNO1R
DYCE30	SHEPD	1.0	45.2	44.2	3.6	DYCE1Q / DYCE1R
ELGI30	SHEPD	1.0	61.1	57.3	0.0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.0	1.5	-0.1	1.0	FASN10
FAUG30	SHEPD	1.0	5.2	3.5	0.9	FAUG10
FIDD30	SHEPD	1.0	28.2	26.0	0.0	FIDD1Q
FRAS30	SHEPD	1.0	30.3	25.3	0.0	FRAS1Q / FRAS1R
FWIL30	SHEPD	1.0	72.6	34.5	5.2	FWIL1Q / FWIL1R
GLAG30	SHEPD	1.0	30.4	23.4	1.8	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.9	19.0	5.6	3.8	GRUB1Q / GRUB1R
INNE30	SHEPD	1.0	76.0	72.1	3.5	INNE1Q / INNE1R
KEIT30	SHEPD	0.9	73.5	57.0	0.0	KEIT10
KIIN30	SHEPD	0.1	3.6	0.7	0.0	KIIN10
KILO30	SHEPD	0.6	4.3	2.9	0.0	KILO10
KINT30	SHEPD	1.0	71.9	67.3	0.0	KINT10
LAIR50	SHEPD	0.6	2.2	-0.4	2.0	LAIR1Q
LUNA30	SHEPD	1.0	73.8	70.7	1.3	LUNA1Q / LUNA1R
LYND30	SHEPD	1.0	34.8	28.5	0.1	LYND1Q / LYND1R
MACD30	SHEPD	1.0	24.0	18.8	0.0	MACD1Q
MILC30	SHEPD	1.0	64.1	61.5	7.4	MILC10
MYBS30	SHEPD	1.0	16.3	10.1	0.0	MYBS1Q / MYBS1R
NAIR30	SHEPD	1.0	43.4	34.3	0.0	NAIR10
PEHG30	SHEPD	1.0	30.8	30.0	0.0	PEHG1Q / PEHG1R
PEHS50	SHEPD	1.0	9.5	5.9	0.0	PEHE10
PERS30	SHEPD	1.0	52.6	52.6	2.5	PERS10
PORA30	SHEPD	1.0	20.0	14.6	4.7	PORA1Q / PORA1R
RANN30	SHEPD	0.9	-0.1	-1.8	3.5	RANN1Q / RANN1R
REDM30	SHEPD	1.0	41.5	40.4	0.0	REDM1Q / REDM1R
SFEG50	SHEPD	1.0	16.7	14.4	0.0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.9	5.3	-2.7	5.0	SFIL1Q
SHIN50	SHEPD	1.0	4.2	1.9	0.0	SHIN10
SLOY11	SHEPD	1.0	0.9	0.8	0.0	SLOY10
SLOY12	SHEPD	1.0	0.9	0.8	0.0	
SLOY13	SHEPD	1.0	0.9	0.8	0.0	
SLOY14	SHEPD	1.0	0.9	0.8	0.0	
STLE30	SHEPD	0.9	14.3	9.2	2.0	STLE10
STRI30	SHEPD	1.0	20.8	15.8	0.0	STRI1Q / STRI1R
TARL30	SHEPD	1.0	26.6	18.5	0.0	TARL1Q / TARL1R
TAYN30	SHEPD	1.0	33.7	19.7	10.8	TAYN1Q / TAYN1R
THSO30	SHEPD	1.0	39.9	33.9	11.7	THSO1Q / THSO1R
TUMB30	SHEPD	1.0	15.1	13.7	1.2	TUMB1Q / TUMB1R
WIOW30	SHEPD	1.0	48.4	47.0	0.0	WIOW1Q / WIOW1R
WOHI30	SHEPD	1.0	47.9	47.8	0.0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	1.0	61.5	61.5	0.0	AMEM4A_EPN / AMEM4B_EPN
AXM10	Southern Electric	1.0	126.0	126.0	2.8	AXM40_SEP
BOTW10	Southern Electric	1.0	187.0	187.0	0.0	BOTW40
BRFL40	Southern Electric	1.0	1,439.7	1,439.7	68.5	BRFL40
BRLE13	Southern Electric	1.0	115.7	115.7	2.0	BRLE40
BRLE14	Southern Electric	1.0	115.7	115.7	2.0	BRLE40
CHIC10	Southern Electric	1.0	108.1	108.1	47.8	CHIC40
COWL10	Southern Electric	1.0	770.4	770.4	15.9	COWL40
EALI60	Southern Electric	1.0	257.1	271.4	6.0	EALI20
FAWL10	Southern Electric	0.9	331.9	331.9	249.9	FAWL40
IVER10	Southern Electric	0.9	508.5	508.5	36.7	IVER20
IVER60	Southern Electric	0.9	138.8	138.8	36.7	IVER20
LALE10	Southern Electric	0.9	249.2	249.2	17.6	LALE20_SPN
LOVE11	Southern Electric	1.0	342.0	342.0	3.9	
LOVE12	Southern Electric	1.0	342.0	342.0	3.9	
MANN10	Southern Electric	1.0	717.7	717.7	2.1	MANN40
MELK10	Southern Electric	1.0	405.2	405.2	9.2	MELK40_SEP
MITY11	Southern Electric	1.0	172.1	172.1	2.0	
MITY12	Southern Electric	1.0	172.1	172.1	2.0	
NHYD60	Southern Electric	0.9	238.8	238.8	0.0	NHYD2A / NHYD2B
NURS10	Southern Electric	1.0	510.0	510.0	62.8	NURS40
TYNE50	Southern Electric	0.9	7.2	7.2	0.0	TYNE20
WISD60	Southern Electric	1.0	157.4	157.4	0.0	WISD20_LPN
AYR20	SP Distribution	1.0	66.5	62.9	0.0	
BAGA10	SP Distribution	1.0	65.6	62.8	0.0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	1.0	46.2	44.2	0.0	BAIN10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
BERW10	SP Distribution	0.9	33.5	31.1	0.0	BERW1Q / BERW1R
BONN20	SP Distribution	1.0	86.3	68.6	0.0	BONN20
BRAE1	SP Distribution	1.0	41.1	38.7	0.0	
BROX10	SP Distribution	1.0	59.3	57.2	0.0	BROX1Q / BROX1R
CAFA10	SP Distribution	1.0	0.3	-5.2	5.0	CAFA1Q
CATY10	SP Distribution	1.0	63.7	57.2	0.0	CATY1Q / CATY1R
CHAP10	SP Distribution	1.0	48.6	47.7	0.0	CHAP10
CHAS20	SP Distribution	1.0	98.2	89.1	0.0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	1.0	77.7	74.7	6.8	CLYM20
COAT10	SP Distribution	1.0	48.4	32.2	0.0	
COAT30	SP Distribution	1.0	43.9	40.5	0.0	COAT2Q / COAT2R
COCK40	SP Distribution	1.0	45.2	43.6	0.0	
COYL10	SP Distribution	0.9	47.8	40.3	9.8	COYL10
CROO31	SP Distribution	1.0	37.0	37.0	0.0	CROO1Q / CROO1R
CROO32	SP Distribution	1.0	30.0	28.7	0.0	CROO1Q / CROO1R
CUMB10	SP Distribution	1.0	54.7	51.7	9.2	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.9	68.7	67.5	0.0	CUPA1Q / CUPA1R
CURR20	SP Distribution	1.0	13.5	13.4	0.0	CURR10
DEVM10	SP Distribution	1.0	45.7	34.9	0.0	DEVM10
DEVO10	SP Distribution	0.9	65.5	63.8	0.0	DEVO10
DEWP30	SP Distribution	1.0	109.1	102.3	0.0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.9	22.0	5.4	0.0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	1.0	80.4	79.7	0.0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	1.0	48.6	45.2	0.0	DUMF10
DUMF32	SP Distribution	0.9	19.4	10.4	0.0	DUMF10
DUMF50	SP Distribution	1.0	16.7	16.3	0.0	DUMF10
DUNB30	SP Distribution	1.0	52.0	28.0	0.0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	1.0	42.4	36.7	1.1	DUNF1Q / DUNF1R
EAST50	SP Distribution	1.0	0.4	-5.6	5.4	EAST1Q
ECCL30	SP Distribution	1.0	43.9	24.6	0.0	ECCL10
EERH30	SP Distribution	1.0	103.6	103.6	0.0	EERH20
EKIL30	SP Distribution	1.0	69.9	68.7	0.0	EKIL2S / EKIL2T
EKIS30	SP Distribution	1.0	40.1	33.0	3.9	EKIS20
ELDE10	SP Distribution	1.0	55.1	34.8	0.0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	1.0	26.3	26.2	0.0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.9	44.2	34.6	7.6	GALA10
GIFF30	SP Distribution	1.0	84.4	71.2	0.0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1.0	2.3	-12.3	13.6	GLLE10
GLLU30	SP Distribution	0.9	25.8	18.6	5.1	GLLU1Q / GLLU1R
GLNI30	SP Distribution	1.0	26.3	25.9	0.0	GLNI10
GLRO30	SP Distribution	1.0	46.4	45.8	0.0	GLRO20
GORG30	SP Distribution	1.0	37.9	35.3	0.0	GORG1Q / GORG1R
GOVA30	SP Distribution	1.0	43.1	40.3	0.0	GOVA1Q / GOVA1R
GRMO3	SP Distribution	1.0	35.1	34.2	4.5	
GRMO30	SP Distribution	1.0	36.8	32.9	0.0	GRMO20
HAGR3	SP Distribution	1.0	48.6	46.9	0.0	
HAWI30	SP Distribution	1.0	28.1	24.7	0.0	HAWI10
HELE30	SP Distribution	1.0	24.1	22.9	0.0	HELE10
HUNF30	SP Distribution	0.7	9.1	5.2	0.0	HUNF1Q / HUNF1R
INKE30	SP Distribution	1.0	54.2	52.8	0.0	INKE1Q / INKE1R
JOHN30	SP Distribution	1.0	49.1	47.0	0.0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	1.0	97.8	78.0	4.7	KAIM20
KEOO50	SP Distribution	-1.0	0.3	-13.9	13.8	KEOO10
KIER30	SP Distribution	1.0	77.6	76.4	1.6	KIER1Q / KIER1R
KILB30	SP Distribution	1.0	36.3	23.3	0.0	KILB1Q / KILB1R
KILB50	SP Distribution	1.0	11.6	11.4	0.0	KILB1Q / KILB1R
KILS30	SP Distribution	1.0	37.7	35.4	1.3	KILS20
KILT30	SP Distribution	1.0	91.5	89.9	0.0	KILT2Q / KILT2R
KILW30	SP Distribution	0.9	36.9	16.7	15.5	KILW10
LEVE30	SP Distribution	1.0	44.0	43.5	0.0	LEVE1Q / LEVE1R
LING30	SP Distribution	1.0	72.5	71.3	0.0	LING1Q / LING1R
LINM30	SP Distribution	0.8	59.9	37.1	19.5	LINM20
MAYB30	SP Distribution	1.0	25.5	21.1	1.0	MAYB10
NEAR30	SP Distribution	1.0	85.3	82.9	4.2	NEAR20
NETS30	SP Distribution	0.9	15.1	10.6	0.0	NETS10
PAIS3	SP Distribution	1.0	48.3	47.6	0.0	
PART30	SP Distribution	1.0	50.2	49.3	0.0	PART1Q / PART1R
POOB30	SP Distribution	1.0	108.4	107.2	3.0	POOB2Q / POOB2R
PORD30	SP Distribution	1.0	89.5	85.9	0.0	PORD2Q / PORD2R
RAVE30	SP Distribution	1.0	30.1	9.4	0.0	RAVE2Q / RAVE2R
REDH30	SP Distribution	1.0	49.7	43.9	0.0	REDH10
SACO3A	SP Distribution	1.0	45.2	38.7	11.7	SACO1Q / SACO1R
SACO3B	SP Distribution	1.0	35.7	27.6	0.0	SACO1Q / SACO1R
SANX30	SP Distribution	1.0	41.0	30.3	0.0	SANX1Q / SANX1R
SHRU30	SP Distribution	1.0	57.4	56.6	0.0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	1.0	110.1	107.0	0.0	SIGH2Q / SIGH2R

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
SPAV30	SP Distribution	1.0	43.6	40.9	0.0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.9	56.2	54.8	0.0	STHA20
STIR30	SP Distribution	0.9	85.6	77.0	0.0	STIR1S / STIR1T
STLE30	SP Distribution	1.0	56.3	53.3	0.0	STLE10
TELR30	SP Distribution	1.0	33.7	33.6	0.0	TELR1Q / TELR1R
TONG50	SP Distribution	1.0	28.7	24.7	0.0	TONG10
WFIE30	SP Distribution	0.9	38.8	28.0	8.1	WFIE10
WGEO30	SP Distribution	1.0	91.1	69.9	0.0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	1.0	66.5	66.1	0.0	WHHO2Q / WHHO2R
WISH10	SP Distribution	1.0	85.7	81.4	0.0	WISH20
BIRK10	SP MANWEB	1.0	257.3	257.3	1.8	BIRK20
CAPE10	SP MANWEB	1.0	244.4	229.1	0.8	CAPE20
CARR11	SP MANWEB	0.9	123.5	126.9	0.8	
CASK10	SP MANWEB	0.9	420.0	420.0	0.0	FROD40
CELL11	SP MANWEB	1.0	88.6	88.6	0.9	
CELL12	SP MANWEB	1.0	88.6	88.6	0.9	
CONQ10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
CONQ10	SP MANWEB	0.9	139.4	129.6	0.0	DEES40
FIDF11	SP MANWEB	0.9	72.9	72.9	0.3	
FIDF12	SP MANWEB	0.9	72.9	72.9	0.3	
FIDF13	SP MANWEB	0.9	72.9	72.9	0.3	FIDF20
FIDF14	SP MANWEB	0.9	72.9	72.9	0.3	
FROD11	SP MANWEB	1.0	39.2	39.2	0.3	
FROD12	SP MANWEB	1.0	39.2	39.2	0.3	
INCE11	SP MANWEB	1.0	58.5	33.3	0.0	
INCE12	SP MANWEB	1.0	58.5	33.3	0.0	
KIBY11	SP MANWEB	1.0	187.5	187.5	0.0	
KIBY12	SP MANWEB	1.0	187.5	187.5	0.0	
LEGA10	SP MANWEB	1.0	351.9	351.9	0.2	LEGA40
LISD10	SP MANWEB	1.0	421.7	423.0	0.5	LISD20
PENT10	SP MANWEB	1.0	211.0	189.6	0.5	PENT40
RAIN11	SP MANWEB	1.0	192.3	188.3	0.3	
RAIN12	SP MANWEB	1.0	192.3	188.3	0.3	
SHOT10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
SHOT10	SP MANWEB	0.9	139.4	129.6	0.0	DEES40
SWAN11	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20_SPM
SWAN12	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20_SPM
TRAW10	SP MANWEB	1.0	77.1	62.2	0.0	TRAW20
WYLF10	SP MANWEB	1.0	67.8	58.3	0.0	Station Load
FERR11	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
FERR12	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
ABTH11	WPD (formerly SWALEC (Infralec))	1.0	109.3	103.7	0.9	ABTH20
ABTH12	WPD (formerly SWALEC (Infralec))	1.0	109.3	103.7	0.9	ABTH20
AESB11	WPD (formerly SWALEC (Infralec))	1.0	109.3	103.7	0.9	
ALST31	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
ALST32	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
CARE10	WPD (formerly SWALEC (Infralec))	1.0	109.3	103.7	0.9	CARE20
GRAN60	WPD (formerly SWALEC (Infralec))	0.9	120.2	29.8	5.0	MAGA20
PEMB10	WPD (formerly SWALEC (Infralec))	1.0	216.2	203.2	1.6	PEMB40
PYLE10	WPD (formerly SWALEC (Infralec))	1.0	148.7	111.9	15.6	PYLE20
RASS10	WPD (formerly SWALEC (Infralec))	1.0	253.8	253.8	3.0	RASS40
SWAN11	WPD (formerly SWALEC (Infralec))	1.0	327.4	327.8	12.4	SWAN20_SPM
SWAN12	WPD (formerly SWALEC (Infralec))	1.0	327.4	327.8	12.4	SWAN20_SPM
UPPB10	WPD (formerly SWALEC (Infralec))	1.0	197.4	189.1	5.5	UPPB20
UPPB30	WPD (formerly SWALEC (Infralec))	1.0	112.3	106.3	0.0	UPPB20
USKM10	WPD (formerly SWALEC (Infralec))	1.0	287.1	278.7	1.5	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	1.0	43.7	0.0	0.0	MEAD10
ABHA11	WPD(formerly SWEB)	1.0	132.7	133.0	0.0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1.0	132.7	133.0	0.0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	1.0	223.1	215.5	0.0	ALVE4A / ALVE4B
AXM10	WPD(formerly SWEB)	1.0	109.9	106.1	0.0	AXM40_SEP
BRWA10	WPD(formerly SWEB)	0.9	215.5	208.1	0.0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1.0	331.9	355.7	0.0	EXET40
INDQ10	WPD(formerly SWEB)	1.0	482.8	466.2	0.0	INDQ40
IROA11	WPD(formerly SWEB)	1.0	170.7	164.8	0.0	IROA20_AQUIL
IROA12	WPD(formerly SWEB)	1.0	170.7	164.8	0.0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1.0	285.1	278.6	0.0	LAND40
OLDS11	WPD(formerly SWEB)	1.0	170.7	164.8	0.0	Station Load
SEAB11	WPD(formerly SWEB)	1.0	355.1	342.9	0.0	SEAB40
TAUN10	WPD(formerly SWEB)	0.9	123.3	119.1	0.0	TAUN4B
BRAW11	Yorkshire Electricity	1.0	116.2	116.2	0.0	BRAW20
BRAW11	Yorkshire Electricity	1.0	130.8	130.8	2.2	BRAW20
BRAW12	Yorkshire Electricity	1.0	116.2	116.2	0.0	BRAW20
BRAW12	Yorkshire Electricity	1.0	130.8	130.8	2.2	BRAW20
CAML60	Yorkshire Electricity	1.0	26.1	26.1	0.0	DRAX40
CREB11	Yorkshire Electricity	0.9	106.4	105.0	1.6	CREB40

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CREB11	Yorkshire Electricity	1.0	125.3	123.6	10.6	CREB40
CREB12	Yorkshire Electricity	0.9	106.4	105.0	1.6	CREB40
CREB12	Yorkshire Electricity	1.0	125.3	123.6	10.6	CREB40
DRAX11	Yorkshire Electricity	0.9	22.8	20.6	7.6	Station Load
DRAX12	Yorkshire Electricity	0.9	22.8	20.6	7.6	Station Load
ELLA11	Yorkshire Electricity	0.9	186.5	167.6	21.4	ELLA20
ELLA12	Yorkshire Electricity	0.9	186.5	167.6	21.4	ELLA20
FERR11	Yorkshire Electricity	0.9	72.2	62.0	30.7	FERR20_NED
FERR11	Yorkshire Electricity	0.9	85.5	73.4	0.0	FERR20_NED
FERR11	Yorkshire Electricity	0.9	0.0	0.0	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	72.2	62.0	30.7	FERR20_NED
FERR12	Yorkshire Electricity	0.9	85.5	73.4	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	0.0	0.0	0.0	FERR20_NED
FERR60	Yorkshire Electricity	1.0	94.7	94.8	5.4	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.9	193.6	151.1	24.2	GRIW40
JORD30	Yorkshire Electricity	1.0	68.0	63.8	0.0	JORD20
KEAD10	Yorkshire Electricity	1.0	411.2	260.5	106.0	KEAD40
KIRK10	Yorkshire Electricity	1.0	304.9	295.5	1.3	KIRK20
NEEP30	Yorkshire Electricity	1.0	80.3	79.3	2.3	NEEP20
NORL30	Yorkshire Electricity	1.0	64.3	62.7	0.2	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS31	Yorkshire Electricity	0.9	32.7	29.1	0.0	PITS20
PITS32	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.9	32.7	29.1	0.0	PITS20
SAEN10	Yorkshire Electricity	1.0	116.0	90.0	12.3	SAEN20
SHEC30	Yorkshire Electricity	1.0	101.3	94.5	0.0	SHEC20
SKLG10	Yorkshire Electricity	1.0	673.4	667.1	12.1	SKLG20
THUR60	Yorkshire Electricity	1.0	174.1	174.1	2.6	THUR20
WIBA30	Yorkshire Electricity	0.9	40.2	32.8	0.6	WIBA20
WMEL11	Yorkshire Electricity	0.9	138.3	136.7	6.0	WMEL20
WMEL11	Yorkshire Electricity	1.0	117.0	117.0	1.7	WMEL20
WMEL12	Yorkshire Electricity	0.9	138.3	136.7	6.0	WMEL20
WMEL12	Yorkshire Electricity	1.0	117.0	117.0	1.7	WMEL20
WMEL13	Yorkshire Electricity	0.9	138.3	136.7	6.0	WMEL20
WMEL13	Yorkshire Electricity	1.0	117.0	117.0	1.7	WMEL20

Table E.1.7 - GSP Winter Peak Demand (MW), Generation (MW) and Power Factor, 2017/18

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
LYNE70	Alcan	1.0	325.0	325.0	0.0	BLYT20
WYLF10	Anglesey Aluminium	1.0	290.0	290.0	0.0	Station Load
TEMP30	BOC	1.0	26.0	14.0	0.0	TEMP20
DUNG20	British Energy	0.8	7.0	7.0	0.0	Station Load
EGGB41	British Energy	0.8	40.0	17.0	0.0	Station Load
HEYS10	British Energy	0.8	115.0	61.0	0.0	Station Load
HINP21	British Energy	0.8	12.0	3.0	0.0	Station Load
HINP22	British Energy	0.8	12.0	3.0	0.0	Station Load
SIZE40	British Energy	0.9	4.0	4.0	0.0	Station Load
CHAP10	British Nuclear Group	0.9	0.0	0.0	0.0	CHAP10
DUNG20	British Nuclear Group	0.9	2.0	2.0	0.0	Station Load
HINP21	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
HINP22	British Nuclear Group	0.9	0.5	0.3	0.0	Station Load
IROA11	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_AQUIL
IROA12	British Nuclear Group	0.9	1.7	1.7	0.0	IROA20_SWEB
OLDS11	British Nuclear Group	0.9	1.7	1.7	0.0	Station Load
SIZE11	British Nuclear Group	0.8	1.0	1.0	0.0	
SIZE12	British Nuclear Group	0.8	1.0	1.0	0.0	
TRAW20	British Nuclear Group	0.9	1.0	1.0	0.0	TRAW20
WYLF10	British Nuclear Group	0.9	10.0	10.0	0.0	Station Load
TREM30	Celsa	0.9	95.0	0.0	0.0	TREM20
BESW10	Central Networks East (EMEB)	1.0	372.0	371.9	2.5	BESW20
BICF10	Central Networks East (EMEB)	1.0	175.4	174.9	4.9	BICF4A /BICF4B
CHTE11	Central Networks East (EMEB)	1.0	283.4	283.1	5.8	
CHTE12	Central Networks East (EMEB)	1.0	283.4	283.1	5.8	
COVE10	Central Networks East (EMEB)	1.0	570.9	549.7	25.3	COVE20
DRAK10	Central Networks East (EMEB)	1.0	198.8	194.6	1.4	DRAK20
ECLA10	Central Networks East (EMEB)	1.0	420.2	418.1	17.7	ECLA40_EME
ENDE10	Central Networks East (EMEB)	1.0	548.6	540.5	3.9	ENDE40
GREN11	Central Networks East (EMEB)	1.0	370.5	370.5	6.1	
GREN12	Central Networks East (EMEB)	1.0	370.5	370.5	6.1	
HAMH11	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks East (EMEB)	1.0	0.0	0.0	0.0	HAMH40_EME
LEAM10	Central Networks East (EMEB)	1.0	63.8	63.2	0.0	HAMH40_EME
RATS10	Central Networks East (EMEB)	1.0	608.2	579.4	12.2	RATS40
SBAR40	Central Networks East (EMEB)	1.0	109.8	109.8	0.0	SBAR40
STYC10	Central Networks East (EMEB)	1.0	189.4	184.9	8.5	STAY40
WALP11	Central Networks East (EMEB)	1.0	88.0	87.4	0.6	
WALP12	Central Networks East (EMEB)	1.0	88.0	87.4	0.6	
WALP13	Central Networks East (EMEB)	1.0	88.0	87.4	0.6	
WBUR10	Central Networks East (EMEB)	1.0	293.7	293.7	4.6	WBUR40
WILL10	Central Networks East (EMEB)	1.0	611.6	611.5	2.1	WILE20
BISW10	Central Networks West (Aquila)	1.0	478.0	471.3	1.8	BISW20
BUSH10	Central Networks West (Aquila)	1.0	159.8	159.8	4.9	BUSH20
BUST10	Central Networks West (Aquila)	1.0	364.3	352.7	2.0	BUST20
CELL11	Central Networks West (Aquila)	1.0	257.0	244.1	1.5	
CELL12	Central Networks West (Aquila)	1.0	257.0	244.1	1.5	
ECLA10	Central Networks West (Aquila)	1.0	67.5	61.4	0.0	ECLA40_EME
FECK60	Central Networks West (Aquila)	1.0	287.2	283.9	30.7	FECK20
GLOU10	Central Networks West (Aquila)	1.0	189.7	184.2	2.8	WALH40
GLOU11	Central Networks West (Aquila)	1.0	189.7	184.2	2.8	
GLOU12	Central Networks West (Aquila)	1.0	189.7	184.2	2.8	
HAMH11	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
HAMH12	Central Networks West (Aquila)	1.0	0.0	0.0	0.0	HAMH40_EME
IROA11	Central Networks West (Aquila)	1.0	77.9	77.3	0.0	IROA20_AQUIL
IROA12	Central Networks West (Aquila)	1.0	77.9	77.3	0.0	IROA20_SWEB
IRSH40	Central Networks West (Aquila)	1.0	85.9	85.7	0.0	IRSH40
IRSH40	Central Networks West (Aquila)	1.0	253.3	245.7	2.5	IRSH40
KITW10	Central Networks West (Aquila)	1.0	409.5	395.9	0.7	KITW20
LEAM10	Central Networks West (Aquila)	1.0	154.4	155.7	3.2	HAMH40_EME
NECH11	Central Networks West (Aquila)	1.0	180.6	161.6	0.9	
NECH12	Central Networks West (Aquila)	1.0	180.6	161.6	0.9	
OCKH10	Central Networks West (Aquila)	1.0	119.8	98.8	0.0	OCKH20
OLDB10	Central Networks West (Aquila)	1.0	100.4	90.0	1.6	OLDB20
OLDS11	Central Networks West (Aquila)	1.0	77.9	77.3	0.0	Station Load
PENN10	Central Networks West (Aquila)	1.0	316.8	302.1	6.7	PENN20
RUGE10	Central Networks West (Aquila)	1.0	234.3	230.9	2.1	RUGE40
WIEN10	Central Networks West (Aquila)	1.0	141.3	124.2	0.8	WIEN2A /WIEN2B
ABTH11	Centrica	0.9	3.5	1.5	0.0	ABTH20
ABTH12	Centrica	0.9	3.5	1.5	0.0	ABTH20
AESB11	Centrica	0.9	3.5	1.5	0.0	
CARE10	Centrica	0.9	3.5	1.5	0.0	CARE20
GREN11	Corby Power Ltd	1.0	0.0	0.0	0.0	
GREN12	Corby Power Ltd	1.0	0.0	0.0	0.0	

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ALDW31	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW31	CORUS	0.8	80.0	58.5	0.0	ALDW20
ALDW32	CORUS	0.8	18.0	18.0	0.0	ALDW20
ALDW32	CORUS	0.8	80.0	58.5	0.0	ALDW20
GRTO60	CORUS	0.8	8.0	8.0	0.0	GRTO2A /GRTO2B
RAVE30	CORUS	0.8	5.0	3.0	0.0	RAVE2Q /RAVE2R
STSB60	CORUS	0.9	70.0	0.0	0.0	STSB40
TEMP30	CORUS	0.8	12.0	6.0	0.0	TEMP20
TINP32	CORUS	0.7	59.0	43.0	0.0	TINP2A /TINP2B
TODP60	CORUS	0.8	13.0	5.0	88.0	TODP20
WHSO31	CORUS	0.9	24.0	15.0	0.0	WHSO20
WHSO31	CORUS	0.9	24.0	15.0	0.0	WHSO20
WHSO32	CORUS	0.9	24.0	15.0	0.0	WHSO20
WHSO32	CORUS	0.9	24.0	15.0	0.0	WHSO20
WILL10	Derwent	1.0	0.0	0.0	0.0	WILE20
DRAX11	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX11	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	8.5	8.5	0.0	Station Load
DRAX12	Drax Power Limited	0.9	37.5	37.5	0.0	Station Load
COTT40	E.ON (UK) plc (Powergen)	0.3	40.0	8.0	0.0	Station Load
GRAI40	E.ON (UK) plc (Powergen)	0.8	46.0	21.0	18.0	Station Load
IRON11	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
IRON12	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
KINO10	E.ON (UK) plc (Powergen)	0.8	40.0	10.0	0.0	Station Load
RATS10	E.ON (UK) plc (Powergen)	0.8	43.0	13.0	0.0	RATS40
SHRE10	E.ON (UK) plc (Powergen)	0.9	8.3	1.0	0.0	
AMEM10	Eastern Power Networks	1.0	70.5	61.1		AMEM4A_EPN / AMEM4B_EPN
BARK10	Eastern Power Networks	1.0	107.5	105.9		BARK20_EPN
BARW31	Eastern Power Networks	0.9	39.1	37.0		
BARW32	Eastern Power Networks	0.9	39.1	37.0		
BRFO10	Eastern Power Networks	1.0	705.3	688.5	103.9	BRFO40
BRIM10	Eastern Power Networks	0.9	258.0	258.4		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
BRAA10	Eastern Power Networks	0.9	736.3	719.5		RAYL40 / BRAI4A
BURW10	Eastern Power Networks	1.0	299.0	299.0	0.0	BURW40
EASO1A	Eastern Power Networks	1.0	141.3	121.0	15.9	
EASO1B	Eastern Power Networks	1.0	141.3	121.0	15.9	
ELRH10	Eastern Power Networks	1.0	539.1	539.1		ELST20 / RYEH40 / RYEH4A
ELST1A	Eastern Power Networks	1.0	47.4	46.6		
ELST1B	Eastern Power Networks	1.0	47.4	46.6		
ELWS10	Eastern Power Networks	1.0	346.8	341.1		ELST20 / WATS20
GREN11	Eastern Power Networks	1.0	55.3	55.3	0.1	
GREN12	Eastern Power Networks	1.0	55.3	55.3	0.1	
MILH11	Eastern Power Networks	1.0	107.1	107.1		
MILH12	Eastern Power Networks	1.0	107.1	107.1		
NORW10	Eastern Power Networks	1.0	675.0	675.0	5.3	NORW40
PEWY10	Eastern Power Networks	1.0	506.7	506.7		WYMO40 / PELH40
SUND11	Eastern Power Networks	1.0	289.1	289.1	13.9	
SUND12	Eastern Power Networks	1.0	289.1	289.1	13.9	
TILB11	Eastern Power Networks	1.0	63.7	58.6	6.5	TILB20
TILB12	Eastern Power Networks	1.0	48.7	47.5	3.9	TILB20
TILB13	Eastern Power Networks	1.0	48.7	47.5	3.9	TILB20
TILB14	Eastern Power Networks	1.0	63.7	58.6	6.5	TILB20
TOTT11	Eastern Power Networks	1.0	189.9	189.0	13.3	
TOTT12	Eastern Power Networks	1.0	189.9	189.0	13.3	
WALP11	Eastern Power Networks	1.0	181.3	181.3	17.3	
WALP12	Eastern Power Networks	1.0	181.3	181.3	17.3	
WALP13	Eastern Power Networks	1.0	181.3	181.3	17.3	
WARL10	Eastern Power Networks	1.0	222.7	219.9	9.4	WARL20
WATS12	Eastern Power Networks	1.0	213.4	213.4		WATS20
WISD10	Eastern Power Networks	1.0	61.3	60.9		WISD20_EME
WTHU60	Eastern Power Networks	1.0	77.0	74.7		WTHU2A / WTHU2B
BARK10	EDF (Formerly LPN)	1.0	245.9	245.9	0.0	BARK20_EPN
BARW31	EDF (Formerly LPN)	0.9	116.2	112.7		
BARW32	EDF (Formerly LPN)	0.9	116.2	112.7		
BEHU10	EDF (Formerly LPN)	1.0	170.9	158.9		
BEHU10	EDF (Formerly LPN)	1.0	339.3	333.8		
BRIM10	EDF (Formerly LPN)	0.9	131.0	129.8		BRIM2A_EPN / BRIM2B_EPN / BRIM2C_EPN
CITR11	EDF (Formerly LPN)	1.0	495.2	437.1	4.9	
CITR12	EDF (Formerly LPN)	1.0	495.2	437.1	4.9	
HACK10	EDF (Formerly LPN)	1.0	147.6	147.6		HACK2A/HACK2B
HACK60	EDF (Formerly LPN)	1.0	190.8	185.9		HACK2A /HACK2B
LITT12	EDF (Formerly LPN)	1.0	57.9	57.9	2.5	
LITT13	EDF (Formerly LPN)	1.0	57.9	57.9	2.5	
LODR61	EDF (Formerly LPN)	1.0	225.4	217.0		
LODR62	EDF (Formerly LPN)	1.0	225.4	217.0		
MILH11	EDF (Formerly LPN)	0.9	0.0	0.0		

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
MILH12	EDF (Formerly LPN)	0.9	0.0	0.0		
NEWI10	EDF (Formerly LPN)	1.0	246.8	238.9		
NEWX61	EDF (Formerly LPN)	0.9	156.9	156.9		
NEWX62	EDF (Formerly LPN)	0.9	156.9	156.9		
NFLW14	EDF (Formerly LPN)	1.0	57.9	57.9	2.5	
REBR30	EDF (Formerly LPN)	1.0	163.3	163.3		REBR20
SJOW11	EDF (Formerly LPN)	1.0	395.8	369.9		
SJOW12	EDF (Formerly LPN)	1.0	395.8	369.9		
WHAM11	EDF (Formerly LPN)	1.0	407.8	378.1		
WHAM12	EDF (Formerly LPN)	1.0	407.8	378.1		
WIGP10	EDF (Formerly LPN)	1.0	682.3	670.1		WIMB20
WIMB14	EDF (Formerly LPN)	1.0	165.2	162.0	2.9	WIMB20
WISD10	EDF (Formerly LPN)	1.0	312.3	304.2		WISD20 EME
WISD60	EDF (Formerly LPN)	1.0	128.7	126.2		WISD20 LPN
WBUR10	EdF Energy	0.7	60.0	9.0	0.0	WBUR40
SFEM50	Exxon Mobil	1.0	21.0	21.4	0.0	SFEM10
HUTT10	Fellside Heat and Power	0.9	21.5	21.5	0.0	HUTT40
SEFI10	Fellside Heat and Power	0.9	21.5	21.5	0.0	Station Load
DINO40	First Hydro	1.0	50.0	0.0	0.0	Station Load
DINO40	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES21	First Hydro	1.0	550.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	50.0	0.0	0.0	Station Load
FFES22	First Hydro	1.0	550.0	0.0	0.0	Station Load
BAGB20	GE Energy	0.9	27.0	27.0	530.0	Station Load
GRMO30	Ineos (Innovene) Grangemouth	1.0	75.0	75.0	0.0	GRMO20
RUGE10	International Power	0.9	30.0	4.0	0.0	RUGE40
CULJ31	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ32	J E T	0.9	0.0	0.0	0.0	CULJ4A
CULJ33	J E T	0.9	0.0	0.0	0.0	CULJ4A
HARE30	MOD	0.8	16.0	16.0	0.0	WHTL1Q/ WHTL1R
GRAI40	National Grid	0.9	88.0	88.0	0.0	Station Load
SFEG10	National Grid	1.0	50.0	50.0	0.0	SFEG10
ALCA1A	Northern Electric	0.9	79.6	-47.6	0.0	BLYT20
ALCA1B	Northern Electric	0.9	79.6	-47.6	0.0	BLYT20
BLYT60	Northern Electric	1.0	180.9	178.9	7.7	BLYT20
FERR11	Northern Electric	0.9	0.0	0.0		FERR20 NED
FERR12	Northern Electric	0.9	0.0	0.0		FERR20 NED
FOUR70	Northern Electric	1.0	17.5	16.1	0.0	FOUR20
HARM60	Northern Electric	1.0	100.1	94.4	2.9	HARM20
HAWP60	Northern Electric	1.0	117.1	113.5	4.6	HAWP20
KNAR10	Northern Electric	1.0	192.2	187.2	1.9	KNAR20
LACK60	Northern Electric	1.0	233.1	195.4	4.4	LACK20
LYNE70	Northern Electric	0.9	79.6	-47.6	0.0	BLYT20
NORT11	Northern Electric	1.0	253.6	251.0	7.0	NORT20
NORT12	Northern Electric	1.0	253.6	251.0	7.0	NORT20
OFFE30	Northern Electric	1.0	77.1	74.6	0.0	OFFE20
OSBA10	Northern Electric	1.0	312.7	310.8	3.6	OSBA40
POPP30	Northern Electric	1.0	57.5	57.5	2.0	POPP20
SALH10	Northern Electric	1.0	94.3	-34.3	91.9	SALH20
SPEN10	Northern Electric	1.0	265.7	256.1	18.0	SPEN20
SSH130	Northern Electric	1.0	54.3	51.0	0.0	SSH120
STEN11	Northern Electric	1.0	125.5	121.6	2.0	STEW20
STEN12	Northern Electric	1.0	125.5	121.6	2.0	STEW20
STES10	Northern Electric	1.0	261.3	257.3	7.6	STEW20
TYNE10	Northern Electric	1.0	194.3	194.2	2.1	TYNE20
WBOL60	Northern Electric	1.0	281.8	273.5	0.1	WBOL20
BRED10	NORWEB (UU)	1.0	354.2	354.2	0.0	BRED20
CARR12	NORWEB (UU)	1.0	286.9	286.9	20.0	
HARK11	NORWEB (UU)	0.9	24.4	24.4	63.2	HARK20
HARK11	NORWEB (UU)	0.9	36.6	36.6	81.5	HARK20
HARK12	NORWEB (UU)	0.9	24.4	24.4	63.2	HARK20
HARK12	NORWEB (UU)	0.9	36.6	36.6	81.5	HARK20
HEYS10	NORWEB (UU)	0.9	-192.3	-192.3	297.9	Station Load
HUTT10	NORWEB (UU)	1.0	0.0	0.0	12.0	HUTT40
KEAR11	NORWEB (UU)	1.0	290.9	290.9	0.0	KEAR20
KEAR12	NORWEB (UU)	1.0	290.9	290.9	0.0	KEAR20
KEAR30	NORWEB (UU)	1.0	100.2	100.2	8.0	KEAR20
MACC30	NORWEB (UU)	0.9	62.4	62.4	15.0	MACC20
PADI10	NORWEB (UU)	1.0	199.6	199.6		PADI40
PENE11	NORWEB (UU)	1.0	107.2	107.2	0.0	PEWO40
PENE12	NORWEB (UU)	1.0	107.2	107.2	0.0	PEWO40
PENW11	NORWEB (UU)	1.0	60.6	60.6	4.8	PEWO20
PENW12	NORWEB (UU)	1.0	60.6	60.6	4.8	PEWO20
ROCH11	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH11	NORWEB (UU)	1.0	114.5	114.5	37.2	ROCH20

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
ROCH12	NORWEB (UU)	0.4	-0.2	-0.2	30.0	ROCH20
ROCH12	NORWEB (UU)	1.0	114.5	114.5	37.2	ROCH20
SEF110	NORWEB (UU)	1.0	0.0	0.0	12.0	Station Load
SMAN10	NORWEB (UU)	1.0	339.2	339.2	19.0	SMAN20
STAH10	NORWEB (UU)	1.0	60.6	60.6	4.8	STAH4A / STAH4B
STAL10	NORWEB (UU)	0.9	418.7	418.7	0.0	STAL20
WASF1A	NORWEB (UU)	0.9	79.4	79.4	0.0	WASF2A
WASF1B	NORWEB (UU)	0.9	79.4	79.4	0.0	WASF2B
WHGA10	NORWEB (UU)	1.0	306.7	306.7	3.6	WHGA20
BARK10	Railtrack	0.9	0.0	0.0	0.0	BARK20 EPN
BARK40	Railtrack	1.0	37.0	37.0	0.0	
ELST4A	Railtrack	1.0	6.5	6.5	0.0	ELST20
ELST4B	Railtrack	1.0	6.5	6.5	0.0	ELST20
LEIB4A	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
LEIB4B	Railtrack	1.0	7.5	7.5	0.0	LEIB4B
PAFB4A	Railtrack	1.0	9.0	9.0	0.0	PAFB4B
PAFB4B	Railtrack	1.0	9.0	9.0	0.0	PAFB4B
POPP20	Railtrack	0.8	6.0	6.0	0.0	POPP20
RUGE40	Railtrack	1.0	18.0	18.0	0.0	RUGE40
SELL30	Railtrack	1.0	37.0	37.0	0.0	SELL40
SING40	Railtrack	1.0	37.0	21.0	0.0	SING40
WYMO40	Railtrack	1.0	15.0	15.0	0.0	WYMO40
ABTH11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
ABTH12	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	ABTH20
AESB11	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	
BLYT60	RWE Npower plc (Innogy)	0.9	50.0	50.0	0.0	BLYT20
CARE10	RWE Npower plc (Innogy)	0.8	11.0	11.0	0.0	CARE20
FAWL40	RWE Npower plc (Innogy)	0.6	20.0	3.0	0.0	FAWL40
LITT12	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
LITT13	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
NFLW14	RWE Npower plc (Innogy)	0.9	7.7	1.3	0.0	
TILB11	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
TILB14	RWE Npower plc (Innogy)	0.9	11.0	2.0	0.0	TILB20
SAES20	Saltend	1.0	100.0	100.0	0.0	SAES20
BEDD11	SEEBOARD Power Networks	1.0	276.7	271.0		
BEDD12	SEEBOARD Power Networks	1.0	276.7	271.0		
BEDD1A	SEEBOARD Power Networks	1.0	124.8	122.0	17.0	
BEDD1B	SEEBOARD Power Networks	1.0	124.8	122.0	17.0	
BOLN11	SEEBOARD Power Networks	1.0	481.4	481.4	0.0	BOLN40
BOLN12	SEEBOARD Power Networks	1.0	481.4	481.4	0.0	BOLN40
CHSI10	SEEBOARD Power Networks	1.0	155.1	154.3		CHSI20
CHSI10	SEEBOARD Power Networks	1.0	221.2	212.1		CHSI20
CHSI1A	SEEBOARD Power Networks	1.0	124.8	122.0	17.0	CHSI20
CHSI1B	SEEBOARD Power Networks	1.0	124.8	122.0	17.0	CHSI20
KEMS13	SEEBOARD Power Networks	1.0	77.2	0.0		KEMS40
KINO10	SEEBOARD Power Networks	1.0	208.8	208.8	24.0	Station Load
LALE10	SEEBOARD Power Networks	1.0	77.8	77.4		LALE20_SPN
LITT12	SEEBOARD Power Networks	1.0	8.0	8.0		
LITT13	SEEBOARD Power Networks	1.0	8.0	8.0		
NFLE11	SEEBOARD Power Networks	1.0	113.2	113.2	9.3	
NFLE12	SEEBOARD Power Networks	1.0	113.2	113.2	9.3	
NFLW14	SEEBOARD Power Networks	1.0	8.0	8.0		
NINF11	SEEBOARD Power Networks	1.0	228.0	228.0		
NINF12	SEEBOARD Power Networks	1.0	228.0	228.0		
WIMB13	SEEBOARD Power Networks	1.0	124.8	122.0	17.0	
WIMB14	SEEBOARD Power Networks	1.0	124.8	122.0	17.0	WIMB20
WWEY11	SEEBOARD Power Networks	1.0	184.4	182.8		
WWEY12	SEEBOARD Power Networks	1.0	184.4	182.8		
GRST60	Sembcorp (Formerly ICI)	0.8	140.0	60.0	120.0	Station Load
MOSM50	SHELL	1.0	24.0	24.0	0.0	MOSM10
ABNE30	SHEPD	1.0	48.0	44.0	3.0	ABNE10
ALNE30	SHEPD	-1.0	38.2	27.9	0.0	ALNE1Q / ALNE1R
ARBR30	SHEPD	1.0	42.0	39.0	0.0	ARBR1Q / ARBR1R
ARMO30	SHEPD	-1.0	30.0	25.5	1.0	ARMO10
BEAU30	SHEPD	1.0	33.0	31.0	3.0	BEAU10
BOAG30	SHEPD	1.0	36.0	31.5	2.0	BOAG1Q / BOAG1R
BRAC30	SHEPD	1.0	42.0	39.1	2.0	BRAC1Q / BRAC1R
BRID30	SHEPD	1.0	35.0	33.0	0.0	BRID1Q / BRID1R
BROA30	SHEPD	1.0	16.0	7.0	1.0	BROA1Q
BROR30	SHEPD	1.0	13.0	9.0	0.0	BROR10
BUMU30	SHEPD	1.0	57.0	54.0	1.0	BUMU10
CAAD30	SHEPD	1.0	30.0	19.0	1.0	CAAD1Q / CAAD1R
CASS50	SHEPD	1.0	3.0	1.0	0.0	CASS1Q
CEAN50	SHEPD	0.9	4.0	0.0	0.0	CEAN1Q
CHAR30	SHEPD	1.0	36.0	35.0	0.0	CHAR10
CLAC30	SHEPD	0.9	6.0	-4.0	8.0	CLACTQ

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CLAY30	SHEPD	1.0	54.0	48.0	0.0	CLAY1Q / CLAY1R
COUA30	SHEPD	1.0	33.0	28.0	0.0	COUA10
CRAI30	SHEPD	1.0	38.0	37.0	0.0	CRAI10
DOUN50	SHEPD	1.0	8.0	7.0	0.0	DOUN10
DUBE30	SHEPD	-1.0	17.0	16.3	0.0	DUBE1Q
DUDH30	SHEPD	1.0	42.0	40.0	0.0	DUDH1Q / DUDH1R
DUGR30	SHEPD	1.0	8.0	7.0	2.0	DUGR1Q
DUNO30	SHEPD	1.0	25.0	17.4	5.0	DUNO1Q / DUNO1R
DYCE30	SHEPD	1.0	46.0	45.0	4.0	DYCE1Q / DYCE1R
ELGI30	SHEPD	1.0	62.0	58.0	0.0	ELGI1Q / ELGI1R
FASN30	SHEPD	0.0	2.0	0.0	1.0	FASN10
FAUG30	SHEPD	1.0	5.0	3.5	1.0	FAUG10
FIDD30	SHEPD	1.0	29.0	27.0	0.0	FIDD1Q
FRAS30	SHEPD	1.0	31.0	26.0	0.0	FRAS1Q / FRAS1R
FWIL30	SHEPD	1.0	74.0	35.0	5.0	FWIL1Q / FWIL1R
GLAG30	SHEPD	1.0	31.0	24.0	2.0	GLAG1Q / GLAG1R
GRUB30	SHEPD	0.9	19.0	6.0	4.0	GRUB1Q / GRUB1R
INNE30	SHEPD	1.0	77.0	73.0	4.0	INNE1Q / INNE1R
KEIT30	SHEPD	0.9	74.0	57.5	0.0	KEIT10
KIIN30	SHEPD	0.1	4.0	0.8	0.0	KIIN10
KILO30	SHEPD	0.6	4.0	3.0	0.0	KILO10
KINT30	SHEPD	1.0	72.0	68.0	0.0	KINT10
LAIR50	SHEPD	0.6	2.0	0.0	2.0	LAIR1Q
LUNA30	SHEPD	1.0	74.0	71.0	1.0	LUNA1Q / LUNA1R
LYND30	SHEPD	1.0	35.0	29.0	0.0	LYND1Q / LYND1R
MACD30	SHEPD	1.0	24.0	19.0	0.0	MACD1Q
MILC30	SHEPD	1.0	65.0	62.0	7.0	MILC10
MYBS30	SHEPD	1.0	17.0	10.0	0.0	MYBS1Q / MYBS1R
NAIR30	SHEPD	1.0	44.0	35.0	0.0	NAIR10
PEHG30	SHEPD	1.0	31.0	30.0	0.0	PEHG1Q / PEHG1R
PEHS50	SHEPD	1.0	10.0	6.0	0.0	PEHE10
PERS30	SHEPD	1.0	53.0	53.3	3.0	PERS10
PORA30	SHEPD	1.0	20.0	15.0	5.0	PORA1Q / PORA1R
RANN30	SHEPD	0.9	0.0	-2.0	3.0	RANN1Q / RANN1R
REDM30	SHEPD	1.0	42.0	41.0	0.0	REDM1Q / REDM1R
SFEG50	SHEPD	1.0	17.0	15.0	0.0	SFEG1Q / SFEG1R
SFIL30	SHEPD	0.9	5.0	-3.0	5.0	SFIL1Q
SHIN50	SHEPD	1.0	4.0	2.0	0.0	SHIN10
SLOY11	SHEPD	1.0	1.0	0.8	0.0	SLOY10
SLOY12	SHEPD	1.0	1.0	0.8	0.0	
SLOY13	SHEPD	1.0	1.0	0.8	0.0	
SLOY14	SHEPD	1.0	1.0	0.8	0.0	
STLE30	SHEPD	0.9	14.0	9.0	2.0	STLE10
STRI30	SHEPD	1.0	21.0	16.0	0.0	STRI1Q / STRI1R
TARL30	SHEPD	1.0	27.0	19.0	0.0	TARL1Q / TARL1R
TAYN30	SHEPD	1.0	34.0	20.0	11.0	TAYN1Q / TAYN1R
THSO30	SHEPD	1.0	41.0	34.0	12.0	THSO1Q / THSO1R
TUMB30	SHEPD	1.0	15.0	13.9	1.0	TUMB1Q / TUMB1R
WIOW30	SHEPD	1.0	49.0	47.0	0.0	WIOW1Q / WIOW1R
WOHI30	SHEPD	1.0	49.0	48.0	0.0	WOHI1Q / WOHI1R
AMEM10	Southern Electric	1.0	61.6	61.6	0.0	AMEM4A_EPN / AMEM4B_EPN
AXM110	Southern Electric	1.0	126.1	126.1	2.8	AXM140_SEP
BOTW10	Southern Electric	1.0	187.6	187.6	0.0	BOTW40
BRFL40	Southern Electric	1.0	1,443.1	1,443.1	68.5	BRFL40
BRLE13	Southern Electric	1.0	116.0	116.0	2.0	BRLE40
BRLE14	Southern Electric	1.0	116.0	116.0	2.0	BRLE40
CHIC10	Southern Electric	1.0	108.1	108.1	47.8	CHIC40
COWL10	Southern Electric	1.0	773.0	773.0	15.9	COWL40
EALI60	Southern Electric	1.0	258.5	272.9	6.0	EALI20
FAWL10	Southern Electric	0.9	332.8	332.8	249.9	FAWL40
IVER10	Southern Electric	0.9	512.1	512.1	36.7	IVER20
IVER60	Southern Electric	0.9	139.5	139.5	36.7	IVER20
LALE10	Southern Electric	0.9	249.5	249.5	17.6	LALE20_SPN
LOVE11	Southern Electric	1.0	343.2	343.2	3.9	
LOVE12	Southern Electric	1.0	343.2	343.2	3.9	
MANN10	Southern Electric	1.0	719.2	719.2	2.1	MANN40
MELK10	Southern Electric	1.0	405.3	405.3	9.2	MELK40_SEP
MITY11	Southern Electric	1.0	172.4	172.4	2.0	
MITY12	Southern Electric	1.0	172.4	172.4	2.0	
NHYD60	Southern Electric	0.9	239.4	239.4	0.0	NHYD2A / NHYD2B
NURS10	Southern Electric	1.0	511.7	511.7	62.8	NURS40
TYNE50	Southern Electric	0.9	7.3	7.3	0.0	TYNE20
WISD60	Southern Electric	1.0	158.4	158.4	0.0	WISD20_LPN
AYR20	SP Distribution	1.0	67.0	63.0	0.0	
BAGA10	SP Distribution	1.0	66.0	63.0	0.0	BAGA1Q / BAGA1R
BAIN10	SP Distribution	1.0	46.0	44.0	0.0	BAIN10

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
BERW10	SP Distribution	0.9	34.0	31.0	0.0	BERW1Q / BERW1R
BONN20	SP Distribution	1.0	87.0	69.0	0.0	BONN20
BRAE1	SP Distribution	1.0	41.0	39.0	0.0	
BROX10	SP Distribution	1.0	60.0	58.0	0.0	BROX1Q / BROX1R
CAFA10	SP Distribution	1.0	0.0	-5.0	5.0	CAFA1Q
CATY10	SP Distribution	1.0	64.0	58.0	0.0	CATY1Q / CATY1R
CHAP10	SP Distribution	1.0	49.0	48.0	0.0	CHAP10
CHAS20	SP Distribution	1.0	99.0	90.0	0.0	CHAS2Q / CHAS2R
CLYM10	SP Distribution	1.0	78.0	75.0	7.0	CLYM20
COAT10	SP Distribution	1.0	49.0	32.0	0.0	
COAT30	SP Distribution	1.0	44.0	41.0	0.0	COAT2Q / COAT2R
COCK40	SP Distribution	1.0	46.0	44.0	0.0	
COYL10	SP Distribution	0.9	48.0	41.0	10.0	COYL10
CROO31	SP Distribution	1.0	37.0	37.0	0.0	CROO1Q / CROO1R
CROO32	SP Distribution	1.0	30.0	29.0	0.0	CROO1Q / CROO1R
CUMB10	SP Distribution	1.0	55.0	52.0	9.0	CUMB1Q / CUMB1R
CUPA10	SP Distribution	0.9	69.0	68.0	0.0	CUPA1Q / CUPA1R
CURR20	SP Distribution	1.0	14.0	13.0	0.0	CURR10
DEVM10	SP Distribution	1.0	46.0	35.0	0.0	DEVM10
DEVO10	SP Distribution	0.9	66.0	64.0	0.0	DEVO10
DEWP30	SP Distribution	1.0	110.0	103.0	0.0	DEWP2Q / DEWP2R
DRCR30	SP Distribution	0.9	22.0	6.0	0.0	DRCR1Q / DRCR1R
DRUM30	SP Distribution	1.0	81.0	80.0	0.0	DRUM2Q / DRUM2R
DUMF31	SP Distribution	1.0	49.0	46.0	0.0	DUMF10
DUMF32	SP Distribution	0.9	20.0	10.0	0.0	DUMF10
DUMF50	SP Distribution	1.0	17.0	16.0	0.0	DUMF10
DUNB30	SP Distribution	1.0	52.0	28.0	0.0	DUNB1Q / DUNB1R
DUNF30	SP Distribution	1.0	43.0	37.0	1.0	DUNF1Q / DUNF1R
EAST50	SP Distribution	1.0	0.0	-6.0	5.0	EAST1Q
ECCL30	SP Distribution	1.0	44.0	25.0	0.0	ECCL10
EERH30	SP Distribution	1.0	104.0	104.0	0.0	EERH20
EKIL30	SP Distribution	1.0	70.0	69.0	0.0	EKIL2S / EKIL2T
EKIS30	SP Distribution	1.0	40.0	33.0	4.0	EKIS20
ELDE10	SP Distribution	1.0	55.0	35.0	0.0	ELDE1Q / ELDE1R
ERSK30	SP Distribution	1.0	26.0	26.0	0.0	ERSK1Q / ERSK1R
GALA30	SP Distribution	0.9	44.0	35.0	8.0	GALA10
GIFF30	SP Distribution	1.0	85.0	72.0	0.0	GIFF2Q / GIFF2R
GLLE50	SP Distribution	-1.0	2.0	-12.0	14.0	GLLE10
GLLU30	SP Distribution	0.9	26.0	19.0	5.0	GLLU1Q / GLLU1R
GLNI30	SP Distribution	1.0	26.0	26.0	0.0	GLNI10
GLRO30	SP Distribution	1.0	47.0	46.0	0.0	GLRO20
GORG30	SP Distribution	1.0	38.0	36.0	0.0	GORG1Q / GORG1R
GOVA30	SP Distribution	1.0	43.0	41.0	0.0	GOVA1Q / GOVA1R
GRMO3	SP Distribution	1.0	35.0	34.0	4.0	
GRMO30	SP Distribution	1.0	37.0	33.0	0.0	GRMO20
HAGR3	SP Distribution	1.0	49.0	47.0	0.0	
HAWI30	SP Distribution	1.0	28.0	25.0	0.0	HAWI10
HELE30	SP Distribution	1.0	24.0	23.0	0.0	HELE10
HUNF30	SP Distribution	0.7	9.0	5.0	0.0	HUNF1Q / HUNF1R
INKE30	SP Distribution	1.0	55.0	53.0	0.0	INKE1Q / INKE1R
JOHN30	SP Distribution	1.0	49.0	47.0	0.0	JOHN1Q / JOHN1R
KAIM30	SP Distribution	1.0	98.0	78.0	5.0	KAIM20
KEOO50	SP Distribution	-1.0	0.0	-14.0	14.0	KEOO10
KIER30	SP Distribution	1.0	78.0	77.0	2.0	KIER1Q / KIER1R
KILB30	SP Distribution	1.0	36.0	23.0	0.0	KILB1Q / KILB1R
KILB50	SP Distribution	1.0	12.0	12.0	0.0	KILB1Q / KILB1R
KILS30	SP Distribution	1.0	38.0	36.0	1.0	KILS20
KILT30	SP Distribution	1.0	92.0	90.0	0.0	KILT2Q / KILT2R
KILW30	SP Distribution	0.9	37.0	17.0	16.0	KILW10
LEVE30	SP Distribution	1.0	44.0	44.0	0.0	LEVE1Q / LEVE1R
LING30	SP Distribution	1.0	73.0	72.0	0.0	LING1Q / LING1R
LINM30	SP Distribution	0.8	60.0	37.0	20.0	LINM20
MAYB30	SP Distribution	1.0	26.0	21.0	1.0	MAYB10
NEAR30	SP Distribution	1.0	86.0	84.0	4.0	NEAR20
NETS30	SP Distribution	0.9	15.0	11.0	0.0	NETS10
PAIS3	SP Distribution	1.0	49.0	48.0	0.0	
PART30	SP Distribution	1.0	50.0	50.0	0.0	PART1Q / PART1R
POOB30	SP Distribution	1.0	109.0	108.0	3.0	POOB2Q / POOB2R
PORD30	SP Distribution	1.0	90.0	86.0	0.0	PORD2Q / PORD2R
RAVE30	SP Distribution	1.0	30.0	9.0	0.0	RAVE2Q / RAVE2R
REDH30	SP Distribution	1.0	50.0	44.0	0.0	REDH10
SACO3A	SP Distribution	1.0	46.0	39.0	12.0	SACO1Q / SACO1R
SACO3B	SP Distribution	1.0	36.0	28.0	0.0	SACO1Q / SACO1R
SANX30	SP Distribution	1.0	41.0	30.0	0.0	SANX1Q / SANX1R
SHRU30	SP Distribution	1.0	58.0	57.0	0.0	SHRU2Q / SHRU2R
SIGH30	SP Distribution	1.0	111.0	108.0	0.0	SIGH2Q / SIGH2R

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
SPAV30	SP Distribution	1.0	44.0	41.0	0.0	SPAV1Q / SPAV1R
STHA30	SP Distribution	0.9	57.0	55.0	0.0	STHA20
STIR30	SP Distribution	0.9	86.0	78.0	0.0	STIR1S / STIR1T
STLE30	SP Distribution	1.0	57.0	58.0	0.0	STLE10
TELR30	SP Distribution	1.0	34.0	34.0	0.0	TELR1Q / TELR1R
TONG50	SP Distribution	1.0	29.0	25.0	0.0	TONG10
WFIE30	SP Distribution	0.9	39.0	28.0	8.0	WFIE10
WGEO30	SP Distribution	1.0	92.0	70.0	0.0	WGEO2Q / WGEO2R
WHHO30	SP Distribution	1.0	67.0	66.0	0.0	WHHO2Q / WHHO2R
WISH10	SP Distribution	1.0	86.0	82.0	0.0	WISH20
BIRK10	SP MANWEB	1.0	254.5	254.5	1.8	BIRK20
CAPE10	SP MANWEB	1.0	242.8	227.5	0.8	CAPE20
CARR11	SP MANWEB	0.9	125.7	129.2	0.8	
CASK10	SP MANWEB	0.9	420.0	420.0	0.0	FROD40
CELL11	SP MANWEB	1.0	88.6	88.6	0.9	
CELL12	SP MANWEB	1.0	88.6	88.6	0.9	
CONQ10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
CONQ10	SP MANWEB	0.9	140.2	130.4	0.0	DEES40
FIDF11	SP MANWEB	0.9	74.2	74.2	0.3	
FIDF12	SP MANWEB	0.9	74.2	74.2	0.3	
FIDF13	SP MANWEB	0.9	74.2	74.2	0.3	FIDF20
FIDF14	SP MANWEB	0.9	74.2	74.2	0.3	
FROD11	SP MANWEB	1.0	39.4	39.4	0.3	
FROD12	SP MANWEB	1.0	39.4	39.4	0.3	
INCE11	SP MANWEB	1.0	59.4	33.8	0.0	
INCE12	SP MANWEB	1.0	59.4	33.8	0.0	
KIBY11	SP MANWEB	1.0	189.0	189.0	0.0	
KIBY12	SP MANWEB	1.0	189.0	189.0	0.0	
LEGA10	SP MANWEB	1.0	355.4	355.4	0.2	LEGA40
LISD10	SP MANWEB	1.0	435.4	436.7	0.5	LISD20
PENT10	SP MANWEB	1.0	211.4	190.0	0.5	PENT40
RAIN11	SP MANWEB	1.0	190.9	186.9	0.3	
RAIN12	SP MANWEB	1.0	190.9	186.9	0.3	
SHOT10	SP MANWEB	0.9	41.0	41.0	7.1	DEES40
SHOT10	SP MANWEB	0.9	140.2	130.4	0.0	DEES40
SWAN11	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20_SPM
SWAN12	SP MANWEB	0.9	26.2	18.6	0.2	SWAN20_SPM
TRAW10	SP MANWEB	1.0	77.5	62.5	0.0	TRAW20
WYLF10	SP MANWEB	1.0	68.7	59.1	0.0	Station Load
FERR11	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
FERR12	SSE Generation Ltd	1.0	11.5	2.0	0.0	FERR20_NED
ABTH11	WPD (formerly SWALEC (Infralec))	1.0	110.5	105.0	0.9	ABTH20
ABTH12	WPD (formerly SWALEC (Infralec))	1.0	110.5	105.0	0.9	ABTH20
AESB11	WPD (formerly SWALEC (Infralec))	1.0	110.5	105.0	0.9	
ALST31	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
ALST32	WPD (formerly SWALEC (Infralec))	1.0	1.2	0.2	0.0	
CARE10	WPD (formerly SWALEC (Infralec))	1.0	110.5	105.0	0.9	CARE20
GRAN60	WPD (formerly SWALEC (Infralec))	0.9	120.5	29.8	5.0	MAGA20
PEMB10	WPD (formerly SWALEC (Infralec))	1.0	217.5	204.6	1.6	PEMB40
PYLE10	WPD (formerly SWALEC (Infralec))	1.0	149.6	112.9	15.6	PYLE20
RASS10	WPD (formerly SWALEC (Infralec))	1.0	257.1	257.1	3.0	RASS40
SWAN11	WPD (formerly SWALEC (Infralec))	1.0	331.0	331.5	12.4	SWAN20_SPM
SWAN12	WPD (formerly SWALEC (Infralec))	1.0	331.0	331.5	12.4	SWAN20_SPM
UPPB10	WPD (formerly SWALEC (Infralec))	1.0	199.9	191.5	5.5	UPPB20
UPPB30	WPD (formerly SWALEC (Infralec))	1.0	113.7	107.7	0.0	UPPB20
USKM10	WPD (formerly SWALEC (Infralec))	1.0	290.2	281.8	1.5	USKM2A / USKM2C / USKM2D / USKM2E
MEAD10	UPM KYMMENE	1.0	43.7	0.0	0.0	MEAD10
ABHA11	WPD(formerly SWEB)	1.0	134.0	134.2	0.0	ABHA4A / ABHA4B
ABHA12	WPD(formerly SWEB)	1.0	134.0	134.2	0.0	ABHA4B / ABHA4A
ALVE10	WPD(formerly SWEB)	1.0	225.3	217.6	0.0	ALVE4A / ALVE4B
AXMI10	WPD(formerly SWEB)	1.0	111.0	107.2	0.0	AXMI40_SEP
BRWA10	WPD(formerly SWEB)	0.9	216.6	209.3	0.0	BRWA2A / BRWA2B
EXET10	WPD(formerly SWEB)	1.0	335.9	359.7	0.0	EXET40
INDQ10	WPD(formerly SWEB)	1.0	486.8	470.3	0.0	INDQ40
IROA11	WPD(formerly SWEB)	1.0	172.2	166.3	0.0	IROA20_AQUIL
IROA12	WPD(formerly SWEB)	1.0	172.2	166.3	0.0	IROA20_SWEB
LAND10	WPD(formerly SWEB)	1.0	287.5	281.1	0.0	LAND40
OLDS11	WPD(formerly SWEB)	1.0	172.2	166.3	0.0	Station Load
SEAB11	WPD(formerly SWEB)	1.0	359.7	347.5	0.0	SEAB40
TAUN10	WPD(formerly SWEB)	0.9	123.9	119.7	0.0	TAUN4B
BRAW11	Yorkshire Electricity	1.0	116.8	116.8	0.0	BRAW20
BRAW11	Yorkshire Electricity	1.0	131.4	131.4	2.2	BRAW20
BRAW12	Yorkshire Electricity	1.0	116.8	116.8	0.0	BRAW20
BRAW12	Yorkshire Electricity	1.0	131.4	131.4	2.2	BRAW20
CAML60	Yorkshire Electricity	1.0	26.2	26.2	0.0	DRAX40
CREB11	Yorkshire Electricity	0.9	107.0	105.5	1.6	CREB40

Busbar	Customer Name	Power Factor at NG Peak	Local Peak Demand	Demand at NG Peak	Embedded Generation at NG Peak	DCLF Node
CREB11	Yorkshire Electricity	1.0	126.0	124.2	10.6	CREB40
CREB12	Yorkshire Electricity	0.9	107.0	105.5	1.6	CREB40
CREB12	Yorkshire Electricity	1.0	126.0	124.2	10.6	CREB40
DRAX11	Yorkshire Electricity	0.9	22.9	20.7	7.6	Station Load
DRAX12	Yorkshire Electricity	0.9	22.9	20.7	7.6	Station Load
ELLA11	Yorkshire Electricity	0.9	187.4	168.4	21.4	ELLA20
ELLA12	Yorkshire Electricity	0.9	187.4	168.4	21.4	ELLA20
FERR11	Yorkshire Electricity	0.9	72.6	62.3	30.7	FERR20_NED
FERR11	Yorkshire Electricity	0.9	88.6	76.0	0.0	FERR20_NED
FERR11	Yorkshire Electricity	0.9	0.0	0.0		FERR20_NED
FERR12	Yorkshire Electricity	0.9	72.6	62.3	30.7	FERR20_NED
FERR12	Yorkshire Electricity	0.9	88.6	76.0	0.0	FERR20_NED
FERR12	Yorkshire Electricity	0.9	0.0	0.0		FERR20_NED
FERR60	Yorkshire Electricity	1.0	95.2	95.2	5.4	FERR20_YED / FERR2A_YED / FERR2B_YED
GRIW10	Yorkshire Electricity	0.9	194.5	151.8	24.2	GRIW40
JORD30	Yorkshire Electricity	1.0	68.2	64.0	0.0	JORD20
KEAD10	Yorkshire Electricity	1.0	412.4	261.3	106.0	KEAD40
KIRK10	Yorkshire Electricity	1.0	307.8	298.2	1.3	KIRK20
NEEP30	Yorkshire Electricity	1.0	80.7	79.7	2.3	NEEP20
NORL30	Yorkshire Electricity	1.0	64.6	63.0	0.2	NORL2A / NORL2B
PITS31	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS31	Yorkshire Electricity	0.9	32.8	29.2	0.0	PITS20
PITS32	Yorkshire Electricity	0.8	24.0	2.9	0.0	PITS20
PITS32	Yorkshire Electricity	0.9	32.8	29.2	0.0	PITS20
SAEN10	Yorkshire Electricity	1.0	116.2	90.2	12.3	SAEN20
SHEC30	Yorkshire Electricity	1.0	101.9	95.0	0.0	SHEC20
SKLG10	Yorkshire Electricity	1.0	678.7	672.4	12.1	SKLG20
THUR60	Yorkshire Electricity	1.0	174.9	174.9	2.6	THUR20
WIBA30	Yorkshire Electricity	0.9	40.4	32.9	0.6	WIBA20
WMEL11	Yorkshire Electricity	0.9	139.9	138.3	6.0	WMEL20
WMEL11	Yorkshire Electricity	1.0	117.6	117.6	1.7	WMEL20
WMEL12	Yorkshire Electricity	0.9	139.9	138.3	6.0	WMEL20
WMEL12	Yorkshire Electricity	1.0	117.6	117.6	1.7	WMEL20
WMEL13	Yorkshire Electricity	0.9	139.9	138.3	6.0	WMEL20
WMEL13	Yorkshire Electricity	1.0	117.6	117.6	1.7	WMEL20

Table E.2.0				
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
ABHA11	WPD(formerly SWEB)	1.0	51.3	0.0
ABHA12	WPD(formerly SWEB)	1.0	51.3	0.0
ABNE3	SHEPD	1.0	9.6	3.5
ABTH11	Centrica	0.9	0.3	0.0
ABTH11	RWE Npower plc (Innogy)	0.8	75.0	0.0
ABTH11	SWALEC (Infralec)	1.0	40.2	0.9
ABTH12	Centrica	0.9	0.3	0.0
ABTH12	RWE Npower plc (Innogy)	0.8	75.0	0.0
ABTH12	SWALEC (Infralec)	1.0	40.2	0.9
AESB11	Centrica	0.9	0.3	0.0
AESB11	RWE Npower plc (Innogy)	0.8	75.0	0.0
AESB11	SWALEC (Infralec)	1.0	40.2	0.9
ALCA1A	Alcan	0.9	88.0	0.0
ALCA1B	Alcan	0.9	88.0	0.0
ALDW31	CORUS	1.0	0.0	0.0
ALDW32	CORUS	1.0	0.0	0.0
ALNE30	SHEPD	1.0	10.3	0.0
ALST31	MIR Steel (formely Alpha Steel)	0.8	1.0	0.0
ALST31	SWALEC (Infralec)	1.0	0.1	0.0
ALST32	MIR Steel (formely Alpha Steel)	0.8	1.0	0.0
ALST32	SWALEC (Infralec)	1.0	0.1	0.0
ALVE10	WPD(formerly SWEB)	1.0	64.3	0.0
AMEM10	Eastern Power Networks	1.0	29.1	0.0
AMEM10	Southern Electric	0.9	28.4	0.0
ARBR3	SHEPD	1.0	10.7	0.0
ARDK	SHEPD	0.1	0.0	0.0
ARMO30	SHEPD	1.0	11.1	0.7
AXMI10	Southern Electric	1.0	30.8	2.8
AXMI10	WPD(formerly SWEB)	1.0	35.8	0.0
AYR20	SP Distribution	1.0	17.0	
BAGA10	SP Distribution	1.0	12.8	0.2
BAGA3	Network Rail	0.9	0.0	0.0
BAGB20	GE Energy	0.9	8.0	250.0
BAIN10	SP Distribution	1.0	12.3	
BARK10	Eastern Power Networks	1.0	62.6	0.0
BARK10	EDF (Formerly LPN)	1.0	65.7	0.0
BARK40	Network Rail	0.9	0.6	0.0
BARW31	Eastern Power Networks	0.9	11.2	0.0
BARW31	EDF (Formerly LPN)	0.9	31.1	0.0
BARW32	Eastern Power Networks	0.9	11.2	0.0
BARW32	EDF (Formerly LPN)	0.9	31.1	0.0
BEAU30	SHEPD	1.0	9.1	0.3
BEDD1A	SEEBOARD Power Networks	1.0	88.6	0.0
BEDD1A	EDF (Formerly LPN)	1.0	27.3	0.0
BEDD1B	SEEBOARD Power Networks	1.0	88.6	0.0
BEDD1B	EDF (Formerly LPN)	1.0	27.3	0.0
BERW10	SP Distribution	0.8	9.4	
BESW10	Central Networks East (EMEB)	1.0	114.7	1.2
BICF1	Central Networks East (EMEB)	1.0	58.7	0.0
BIRK10	SP MANWEB	0.8	84.1	1.0
BISW10	Central Networks West (Aquila)	1.0	154.7	0.0
BLYT1A	Northern Electric	0.9	-4.2	0.0
BLYT1B	Northern Electric	0.9	-4.2	0.0
BLYT60	Northern Electric	1.0	40.5	6.9
BLYT60	RWE Npower plc (Innogy)	0.9	0.0	0.0

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
BOAG30	SHEPD	1.0	8.3	0.1
BOLN11	SEEBOARD Power Networks	1.0	166.0	0.0
BOLN12	SEEBOARD Power Networks	1.0	166.0	0.0
BONN20	SP Distribution	0.9	22.3	0.4
BORW1	Network Rail	0.9	0.0	0.0
BOTW10	Southern Electric	1.0	47.9	0.0
BRAC3	SHEPD	0.9	12.0	1.4
BRAE1	SP Distribution	1.0	14.0	
BRAW11	Yorkshire Electricity	1.0	131.4	2.1
BRAW12	Yorkshire Electricity	1.0	131.4	0.0
BRED10	NORWEB (UU)	1.0	108.7	0.0
BRFL40	Southern Electric	0.9	382.9	15.2
BRFO10	Eastern Power Networks	1.0	220.3	47.2
BRID3	SHEPD	1.0	10.6	0.0
BRIM10	Eastern Power Networks	0.9	71.9	0.0
BRIM10	EDF (Formerly LPN)	0.9	32.9	0.0
BRLE13	Southern Electric	1.0	149.0	0.0
BRLE14	Southern Electric	0.9	149.0	0.5
BROA30	SHEPD	1.0	3.7	0.8
BROR30	SHEPD	1.0	3.2	0.0
BROX10	SP Distribution	1.0	20.1	
BRAA10	Eastern Power Networks	1.0	386.7	0.0
BRWA10	WPD(formerly SWEB)	1.0	104.4	0.0
BUMU3	SHEPD	1.0	14.5	0.1
BURW10	Eastern Power Networks	1.0	106.2	0.0
BUSH10	Central Networks West (Aquila)	1.0	56.0	5.5
BUST10	Central Networks West (Aquila)	1.0	108.3	2.2
CAAD3	SHEPD	1.0	0.2	0.8
CAFA10	SP Distribution	1.0	-1.8	1.8
CAML60	Yorkshire Electricity	1.0	10.4	2.0
CAPE10	SP MANWEB	1.0	140.3	0.2
CARE10	Centrica	0.9	0.3	0.0
CARE10	RWE Npower plc (Innogy)	0.8	75.0	0.0
CARE10	SWALEC (Infralec)	1.0	40.2	0.9
CARR11	SP MANWEB	1.0	44.9	1.8
CARR12	NORWEB (UU)	0.9	104.6	12.0
CASK10	SP MANWEB	0.9	420.0	0.0
CASS50	SHEPD	1.0	0.7	0.0
CATY10	SP Distribution	1.0	18.4	2.3
CATY7	Network Rail	0.9	0.1	0.0
CEAN50	SHEPD	0.5	0.1	0.3
CELL11	Central Networks West (Aquila)	1.0	85.3	2.0
CELL11	SP MANWEB	1.0	25.0	0.4
CELL12	Central Networks West (Aquila)	1.0	85.3	2.0
CELL12	SP MANWEB	1.0	25.0	0.4
CHAP10	British Nuclear Group	0.9	0.8	0.0
CHAP10	SP Distribution	0.9	15.0	2.6
CHAR30	SHEPD	1.0	15.2	0.0
CHAS20	SP Distribution	1.0	32.1	
CHIC1	Southern Electric	1.0	30.0	0.0
CHSI10	SEEBOARD Power Networks	1.0	181.1	0.0
CHTE11	Central Networks East (EMEB)	1.0	82.9	7.5
CHTE12	Central Networks East (EMEB)	1.0	82.9	7.5
CITR11	EDF (Formerly LPN)	1.0	173.5	0.4
CITR12	EDF (Formerly LPN)	1.0	173.5	0.4
CLAC3	SHEPD	1.0	-3.9	5.4
CLAY30	SHEPD	1.0	15.5	0.0
CLYM10	SP Distribution	1.0	22.8	2.2
COAT10	SP Distribution	1.0	22.6	0.3

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
COCK40	SP Distribution	1.0	14.2	
CONQ10	SP MANWEB	0.9	260.0	3.9
COTT40	E.ON (UK) plc (Powergen)	0.3	20.0	0.0
COUA3	SHEPD	0.8	8.7	0.0
COVE10	Central Networks East (EMEB)	1.0	180.7	28.1
COWL10	Southern Electric	1.0	223.0	9.5
COYL10	SP Distribution	-0.4	6.2	13.3
CRAI30	SHEPD	1.0	9.1	0.0
CREB11	Yorkshire Electricity	1.0	141.9	2.6
CREB12	Yorkshire Electricity	1.0	141.9	2.6
CROO31	SP Distribution	1.0	14.8	
CROO32	SP Distribution	1.0	4.8	
CSEK40	SEEBOARD Power Networks	1.0	254.2	73.8
CULJ31	J E T	0.3	0.0	0.0
CULJ32	J E T	0.3	0.0	0.0
CULJ33	J E T	0.3	0.0	0.0
CUMB10	SP Distribution	0.8	13.2	9.6
CUPA10	SP Distribution	1.0	17.7	0.6
CURR20	SP Distribution	0.9	4.2	
DALL	SHEPD	0.1	0.0	0.0
DALM3	SP Distribution	0.1	0.0	
DEVM10	SP Distribution	1.0	18.9	
DEVO10	SP Distribution	0.8	22.2	8.9
DEWP30	SP Distribution	1.0	25.1	
DINO40	First Hydro	0.9	3200.0	0.0
DOUN50	SHEPD	1.0	3.8	0.0
DRAK10	Central Networks East (EMEB)	1.0	66.3	1.6
DRAX11	Drax Power Limited	0.9	24.0	0.0
DRAX11	Yorkshire Electricity	1.0	1.3	5.9
DRAX12	Drax Power Limited	0.9	24.0	0.0
DRAX12	Yorkshire Electricity	1.0	1.3	5.9
DRCR3	SP Distribution	1.0	10.3	
DRUM30	SP Distribution	1.0	24.2	
DUBE30	SHEPD	1.0	8.9	0.0
DUDH3	SHEPD	1.0	8.4	0.0
DUGR30	SHEPD	0.7	3.0	1.2
DUMF31	SP Distribution	0.7	7.5	8.4
DUMF32	SP Distribution	0.8	8.2	
DUMF50	SP Distribution	0.9	5.6	
DUNB30	SP Distribution	0.9	9.2	2.9
DUNF30	SP Distribution	1.0	11.7	1.2
DUNG20	British Energy	0.8	14.0	0.0
DUNG20	British Nuclear Group	0.9	4.0	0.0
DUNO3	SHEPD	1.0	4.5	3.8
DYCE30	SHEPD	1.0	15.2	0.0
EALI60	Southern Electric	1.0	84.1	2.4
EASO1A	Eastern Power Networks	1.0	55.3	0.7
EASO1B	Eastern Power Networks	1.0	55.3	0.7
EAST50	SP Distribution	-1.0	-1.3	2.1
ECCF1	Network Rail	0.9	0.0	0.0
ECCL30	SP Distribution	-0.4	5.8	9.4
ECLA10	Central Networks East (EMEB)	1.0	122.6	15.9
ECLA10	Central Networks West (Aquila)	1.0	20.1	0.0
EERH30	SP Distribution	1.0	33.3	
EGGB41	British Energy	0.8	15.0	0.0
EKIL30	SP Distribution	1.0	20.9	0.1
EKIS30	SP Distribution	1.0	11.6	3.1
ELDE10	SP Distribution	0.9	10.1	
ELGI30	SHEPD	1.0	16.9	0.1

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
ELLA11	Yorkshire Electricity	0.9	94.1	1.6
ELLA12	Yorkshire Electricity	1.0	94.1	1.3
ELRH10	Eastern Power Networks	1.0	195.1	0.0
ELST1A	Eastern Power Networks	1.0	6.4	0.0
ELST1B	Eastern Power Networks	1.0	6.4	0.0
ELST4A	Network Rail	0.9	0.0	0.0
ELST4B	Network Rail	0.9	0.0	0.0
ELVA7	Network Rail	0.9	0.0	0.0
ELWS10	Eastern Power Networks	1.0	100.0	0.0
ENDE10	Central Networks East (EMEB)	1.0	168.7	3.4
ERSK30	SP Distribution	1.0	9.1	
EXET1	WPD(formerly SWEB)	1.0	97.3	0.0
FASN30	SHEPD	1.0	-1.3	1.7
FAUG30	SHEPD	0.9	-0.2	1.3
FAWL10	Southern Electric	0.9	-112.4	29.6
FAWL40	RWE Npower plc (Innogy)	0.6	4.0	0.0
FECK60	Central Networks West (Aquila)	1.0	91.8	5.1
FERR11	SSE Generation Ltd	1.0	46.0	0.0
FERR11	Yorkshire Electricity	1.0	105.7	2.9
FERR12	SSE Generation Ltd	1.0	46.0	0.0
FERR12	Yorkshire Electricity	1.0	105.7	16.3
FERR60	Yorkshire Electricity	1.0	21.8	8.4
FFES21	First Hydro	0.9	3200.0	0.0
FFES22	First Hydro	0.9	3200.0	0.0
FIDD3	SHEPD	1.0	6.2	0.0
FIDF11	SP MANWEB	1.0	26.2	0.3
FIDF12	SP MANWEB	1.0	26.2	0.3
FIDF13	SP MANWEB	1.0	26.2	0.3
FIDF14	SP MANWEB	1.0	26.2	0.3
FINQ	SP Distribution	0.1	0.0	
FOUR70	Northern Electric	1.0	5.0	0.0
FRAS30	SHEPD	1.0	7.3	0.0
FROD11	SP MANWEB	1.0	16.6	0.3
FROD12	SP MANWEB	1.0	16.6	0.3
FROD4	Network Rail	0.9	0.1	0.0
FWIL30	SHEPD	1.0	17.7	7.2
GALA30	SP Distribution	1.0	6.1	6.1
GIFF30	SP Distribution	0.9	13.9	0.6
GLAG3	SHEPD	1.0	8.0	0.0
GLEN	SHEPD	0.1	0.0	0.0
GLLE50	SP Distribution	1.0	-3.5	3.5
GLLU30	SP Distribution	0.9	-2.6	13.7
GLNI30	SP Distribution	0.9	7.4	
GLOU10	Central Networks West (Aquila)	1.0	77.9	2.8
GLOU11	Central Networks West (Aquila)	1.0	77.9	2.8
GLOU12	Central Networks West (Aquila)	1.0	77.9	2.8
GLRO30	SP Distribution	1.0	12.6	
GORG30	SP Distribution	1.0	17.8	
GOVA30	SP Distribution	0.9	16.5	
GOWK7	Network Rail	0.9	0.0	0.0
GRAI4	E.ON (UK) plc (Powergen)	0.8	36.0	0.0
GRAI4	National Grid	0.9	3.0	0.0
GRAN60	SWALEC (Infralec)	1.0	86.8	3.0
GREN11	Central Networks East (EMEB)	1.0	110.1	9.9
GREN11	Corby Power Ltd	1.0	0.0	0.0
GREN11	Eastern Power Networks	1.0	16.4	0.5
GREN12	Central Networks East (EMEB)	1.0	110.1	9.9
GREN12	Corby Power Ltd	1.0	0.0	0.0
GREN12	Eastern Power Networks	1.0	16.4	0.5

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
GRIW10	Yorkshire Electricity	0.9	45.4	26.4
GRMO3	SP Distribution	1.0	12.9	2.5
GRMO30	SP Distribution	0.9	5.8	4.1
GRST60	Sembcorp (Formerly ICI)	0.9	25.0	110.0
GRTO60	CORUS	0.8	-2.7	8.0
GRUB30	SHEPD	1.0	3.1	0.8
HACK1	EDF (Formerly LPN)	1.0	54.9	0.0
HACK60	EDF (Formerly LPN)	1.0	54.1	0.0
HAGR3	SP Distribution	1.0	17.8	
HARE30	MOD	0.8	10.4	0.0
HARK11	NORWEB (UU)	0.9	51.3	63.2
HARK12	NORWEB (UU)	0.9	51.3	63.2
HARK4	Network Rail	0.9	0.0	0.0
HARM60	Northern Electric	1.0	21.2	5.0
HAWI30	SP Distribution	1.0	6.1	
HAWP60	Northern Electric	1.0	27.2	4.3
HELE30	SP Distribution	1.0	6.7	
HEYS10	British Energy	0.8	61.0	0.0
HEYS10	NORWEB (UU)	0.9	-5.0	113.2
HINP21	British Energy	0.8	6.0	0.0
HINP21	British Nuclear Group	0.9	1.0	0.0
HINP22	British Energy	0.8	6.0	0.0
HINP22	British Nuclear Group	0.9	1.0	0.0
HUNF30	SP Distribution	0.4	1.9	
HURS1A	EDF (Formerly LPN)	1.0	27.3	0.0
HURS1B	EDF (Formerly LPN)	1.0	27.3	0.0
HURS1C	EDF (Formerly LPN)	1.0	27.3	0.0
HUTT10	Fellside Heat and Power	0.9	21.5	0.0
HUTT10	NORWEB (UU)	1.0	39.7	15.9
HUTT4	Network Rail	0.9	0.3	0.0
IMPP3	Imperial Park	0.1	0.2	0.0
IMPP30	SP MANWEB	1.0	8.0	0.0
INCE11	SP MANWEB	0.9	35.0	0.0
INCE12	SP MANWEB	0.9	35.0	0.0
INDQ10	WPD(formerly SWEB)	0.9	161.9	0.0
INKE30	SP Distribution	1.0	17.5	
INNE30	SHEPD	1.0	23.9	0.1
INW11	Network Rail	0.9	0.0	0.0
IROA11	British Nuclear Group	0.9	1.7	0.0
IROA11	Central Networks West (Aquila)	1.0	10.2	0.0
IROA11	WPD(formerly SWEB)	0.9	54.4	0.0
IROA12	British Nuclear Group	0.9	1.7	0.0
IROA12	Central Networks West (Aquila)	1.0	10.2	0.0
IROA12	WPD(formerly SWEB)	0.9	54.4	0.0
IRON11	E.ON (UK) plc (Powergen)	0.9	4.0	0.0
IRON12	E.ON (UK) plc (Powergen)	0.9	4.0	0.0
IRSH40	Central Networks West (Aquila)	1.0	199.2	1.8
ISLI4	EDF (Formerly LPN)	1.0	0.0	0.0
IVER10	Southern Electric	0.9	159.9	54.7
IVER60	Southern Electric	0.9	41.7	0.0
JOHN30	SP Distribution	1.0	13.2	
JORD30	Yorkshire Electricity	1.0	14.7	0.0
KAIM30	SP Distribution	1.0	23.0	10.5
KEAD10	Yorkshire Electricity	1.0	136.3	109.0
KEAR11	NORWEB (UU)	1.0	80.8	0.0
KEAR12	NORWEB (UU)	1.0	80.8	0.0
KEAR30	NORWEB (UU)	1.0	24.0	8.0
KEIT30	SHEPD	1.0	22.3	2.0
KEOO50	SP Distribution	1.0	-3.7	3.8

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
KIBY11	SP MANWEB	1.0	107.8	0.0
KIBY12	SP MANWEB	1.0	107.8	0.0
KIER30	SP Distribution	1.0	22.1	2.7
KIIN3	SHEPD	0.4	-0.9	2.2
KILB30	SP Distribution	1.0	9.7	
KILB50	SP Distribution	0.9	2.9	
KILO30	SHEPD	1.0	1.0	0.0
KILS30	SP Distribution	1.0	10.9	1.0
KILT30	SP Distribution	0.9	45.6	0.3
KILW30	SP Distribution	0.5	7.8	7.5
KINO10	E.ON (UK) plc (Powergen)	0.8	20.0	0.0
KINO10	SEEBOARD Power Networks	1.0	63.4	27.8
KINT30	SHEPD	1.0	18.9	0.0
KIRK10	Yorkshire Electricity	1.0	92.3	0.6
KITW10	Central Networks West (Aquila)	1.0	129.7	0.7
KNAR10	Northern Electric	0.1	0.0	
LACK60	Northern Electric	1.0	102.5	0.5
LAIR50	SHEPD	1.0	-0.8	1.1
LALE10	SEEBOARD Power Networks	1.0	26.7	0.0
LALE10	Southern Electric	0.9	87.8	15.0
LAND10	WPD(formerly SWEB)	1.0	108.6	0.0
LEAM10	Central Networks East (EMEB)	1.0	34.9	
LEAM10	Central Networks West (Aquila)	1.0	91.2	3.2
LEGA10	SP MANWEB	1.0	133.4	1.0
LEIB4	Network Rail	0.9	0.0	0.0
LEVE30	SP Distribution	1.0	15.1	
LING30	SP Distribution	1.0	22.8	6.1
LINM3	SP Distribution	-0.6	13.2	7.7
LISD10	SP MANWEB	0.8	115.6	0.0
LITT12	EDF (Formerly LPN)	1.0	21.0	2.2
LITT12	RWE Npower plc (Innogy)	0.9	3.0	0.0
LITT12	SEEBOARD Power Networks	1.0	0.5	0.0
LITT13	EDF (Formerly LPN)	1.0	21.0	2.2
LITT13	RWE Npower plc (Innogy)	0.9	3.0	0.0
LITT13	SEEBOARD Power Networks	1.0	0.5	0.0
LODR6	EDF (Formerly LPN)	1.0	175.0	0.0
LOVE11	Southern Electric	1.0	124.1	4.9
LOVE12	Southern Electric	1.0	124.1	4.9
LUNA3	SHEPD	1.0	11.5	1.0
LYND3	SHEPD	1.0	8.0	0.0
MACC30	NORWEB (UU)	0.9	18.2	9.0
MANN1	Southern Electric	0.9	207.7	3.4
MARM7	Network Rail	0.9	0.0	0.0
MAYB30	SP Distribution	1.0	2.9	4.0
MEAD10	UPM KYMMENE	0.9	22.0	22.0
MELK10	Southern Electric	0.9	122.4	0.0
MELK10	WPD(formerly SWEB)	1.0	29.9	0.0
MILC3	SHEPD	1.0	14.8	2.8
MILH11	Eastern Power Networks	1.0	35.1	0.0
MILH11	EDF (Formerly LPN)	1.0	3.2	0.0
MILH12	Eastern Power Networks	1.0	35.1	0.0
MILH12	EDF (Formerly LPN)	1.0	3.2	0.0
MITY11	Southern Electric	1.0	38.2	0.9
MITY12	Southern Electric	1.0	38.2	0.9
MOSM50	SHELL	0.9	10.0	0.0
MYBS30	SHEPD	1.0	4.6	0.1
NAIR30	SHEPD	0.9	12.9	0.0
NEAR30	SP Distribution	1.0	27.9	2.7
NECH11	Central Networks West (Aquila)	1.0	55.0	1.6

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
NECH12	Central Networks West (Aquila)	1.0	55.0	1.6
NEEP30	Yorkshire Electricity	1.0	21.5	2.0
NETS30	SP Distribution	0.7	5.3	
NEWI10	EDF (Formerly LPN)	1.0	82.7	0.0
NEWX1	Network Rail	0.9	0.0	0.0
NEWX61	EDF (Formerly LPN)	0.9	50.8	0.0
NEWX62	EDF (Formerly LPN)	0.9	50.8	0.0
NFLE11	SEEBOARD Power Networks	1.0	58.0	3.8
NFLE12	SEEBOARD Power Networks	1.0	58.0	3.8
NHYD60	Southern Electric	0.8	64.2	0.0
NINF11	SEEBOARD Power Networks	1.0	68.7	0.0
NINF12	SEEBOARD Power Networks	1.0	68.7	0.0
NORL30	Yorkshire Electricity	1.0	16.1	0.0
NORT11	Northern Electric	1.0	75.3	14.7
NORT12	Northern Electric	1.0	75.3	14.7
NORW10	Eastern Power Networks	1.0	174.0	12.6
NURS10	Southern Electric	1.0	66.3	56.0
OCKH10	Central Networks West (Aquila)	1.0	31.2	0.0
OFFE30	Northern Electric	1.0	23.5	0.0
OLDB10	Central Networks West (Aquila)	1.0	23.0	1.7
OLDS1	British Nuclear Group	0.9	1.7	0.0
OLDS1	Central Networks West (Aquila)	1.0	10.2	0.0
OLDS1	WPD(formerly SWEB)	0.9	54.4	0.0
OSBA10	Northern Electric	1.0	70.6	23.4
PADI10	NORWEB (UU)	0.9	61.8	0.0
PAFB4A	Network Rail	0.9	0.2	0.0
PAFB4A	Network Rail	0.9	0.1	0.0
PAFB4B	Network Rail	0.9	0.2	0.0
PAFB4B	Network Rail	0.9	0.1	0.0
PAIS3	SP Distribution	1.0	17.6	
PART30	SP Distribution	1.0	13.7	
PEHG30	SHEPD	1.0	7.5	0.0
PEHS50	SHEPD	1.0	4.0	0.0
PEMB10	SWALEC (Infralec)	1.0	119.5	1.0
PENE11	NORWEB (UU)	1.0	34.9	0.0
PENE12	NORWEB (UU)	1.0	34.9	0.0
PENN10	Central Networks West (Aquila)	1.0	75.9	7.0
PENT10	SP MANWEB	1.0	3.0	0.2
PENW11	NORWEB (UU)	0.9	40.0	12.0
PENW12	NORWEB (UU)	0.9	40.0	12.0
PERS30	SHEPD	1.0	14.1	1.5
PEWO4	Network Rail	0.9	0.3	0.0
PEWY10	Eastern Power Networks	1.0	134.4	0.0
PITS31	Yorkshire Electricity	0.9	15.9	0.0
PITS32	Yorkshire Electricity	0.8	4.2	0.0
POOB30	SP Distribution	1.0	28.8	1.9
POOB7	Network Rail	0.9	0.6	0.0
POPP2	Network Rail	0.9	0.0	0.0
POPP30	Northern Electric	1.0	13.8	1.8
PORA3	SHEPD	1.0	6.1	0.5
PORD30	SP Distribution	1.0	31.3	2.6
PORG7	Network Rail	0.9	0.0	0.0
PYLE10	SWALEC (Infralec)	1.0	96.9	10.0
QUOI	SHEPD	0.1	0.0	0.0
RAIN11	NORWEB (UU)	1.0	12.4	0.0
RAIN11	SP MANWEB	0.9	67.0	0.3
RAIN12	NORWEB (UU)	1.0	12.4	0.0
RAIN12	SP MANWEB	0.9	67.0	0.3
RANN3	SHEPD	0.9	-1.7	2.6

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
RASS10	SWALEC (Infralec)	0.9	79.1	2.0
RATS10	Central Networks East (EMEB)	0.9	216.8	3.7
RATS10	E.ON (UK) plc (Powergen)	0.8	29.8	0.0
RAVE30	CORUS	1.0	1.0	0.0
RAVE30	SP Distribution	1.0	21.3	
REBR30	EDF (Formerly LPN)	1.0	46.4	0.0
REDH30	SP Distribution	1.0	13.9	
REDM30	SHEPD	1.0	11.5	0.0
ROCH11	NORWEB (UU)	0.9	49.1	30.0
ROCH12	NORWEB (UU)	0.9	49.1	30.0
RUGE10	Central Networks West (Aquila)	1.0	59.3	3.3
RUGE10	International Power	0.9	4.0	0.0
RUGE40	Network Rail	0.9	0.0	0.0
SACO3A	SP Distribution	-1.0	0.8	10.3
SACO3B	SP Distribution	-0.4	8.2	5.9
SAEN10	Yorkshire Electricity	1.0	19.5	9.9
SAES20	Saltend	1.0	100.0	0.0
SAGO7	Network Rail	0.9	0.1	0.0
SALH10	Northern Electric	1.0	-49.6	82.5
SANX30	SP Distribution	1.0	10.4	
SANX7	Network Rail	0.9	1.6	0.0
SBAR40	Central Networks East (EMEB)	0.1	0.0	
SEAB11	WPD(formerly SWEB)	1.0	49.1	0.0
SEFI10	Fellside Heat and Power	0.9	21.5	0.0
SEFI10	NORWEB (UU)	1.0	39.7	15.9
Sell1	SEEBOARD Power Networks	1.0	0.0	0.0
SFEG10	National Grid	1.0	0.0	0.0
SFEG50	SHEPD	1.0	8.0	0.0
SFEM50	Exxon Mobil	1.0	20.6	0.0
SFIL3	SHEPD	1.0	-2.2	3.0
SHEC30	Yorkshire Electricity	1.0	33.1	0.0
SHIN50	SHEPD	1.0	0.8	0.0
SHOT10	SP MANWEB	1.0	260.0	0.1
SHRE10	E.ON (UK) plc (Powergen)	0.9	4.0	0.0
SHRU30	SP Distribution	0.9	25.8	
SIGH30	SP Distribution	0.8	39.0	
SIZE11	British Nuclear Group	0.8	4.0	0.0
SIZE12	British Nuclear Group	0.8	4.0	0.0
SIZE40	British Energy	0.9	4.0	0.0
SJOW11	EDF (Formerly LPN)	1.0	162.5	0.0
SJOW12	EDF (Formerly LPN)	1.0	162.5	0.0
SKLG10	Yorkshire Electricity	1.0	186.1	15.7
SLOY1	SHEPD	1.0	1.0	0.0
SMAN10	NORWEB (UU)	1.0	112.9	19.0
SPAV30	SP Distribution	1.0	19.5	
SPEN10	Northern Electric	1.0	36.4	36.7
SSHI30	Northern Electric	1.0	12.6	0.0
STAH10	NORWEB (UU)	0.9	40.0	12.0
STAL10	NORWEB (UU)	1.0	120.9	0.0
STEN11	Northern Electric	1.0	35.1	2.8
STEN12	Northern Electric	1.0	35.1	2.8
STES10	Northern Electric	1.0	100.2	3.1
STHA30	SP Distribution	1.0	17.5	
STIR30	SP Distribution	1.0	15.0	7.9
STLE30	SP Distribution	1.0	14.8	
STLE7	Network Rail	0.9	0.8	0.0
STOM3	Arjo Wiggins Fine Papers Ltd	1.0	0.0	9.0
STRI30	SHEPD	1.0	2.5	2.3
STSB60	CORUS	1.0	0.0	0.0

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
STYC10	Central Networks East (EMEB)	1.0	51.8	11.6
SUND11	Eastern Power Networks	1.0	64.4	13.8
SUND12	Eastern Power Networks	1.0	64.4	13.8
SWAN11	SP MANWEB	0.9	7.0	0.3
SWAN11	SWALEC (Infralec)	0.9	88.9	2.7
SWAN12	SP MANWEB	0.9	7.0	0.3
SWAN12	SWALEC (Infralec)	0.9	88.9	2.7
TARL30	SHEPD	1.0	5.4	0.0
TAUN10	WPD(formerly SWEB)	1.0	63.4	0.0
TAYN3	SHEPD	1.0	8.6	3.0
TELR30	SP Distribution	1.0	16.7	
TEMP30	BOC	1.0	8.4	0.0
TEMP30	CORUS	0.7	1.0	0.0
THOM60	Yorkshire Electricity	1.0	38.7	18.3
THSO30	SHEPD	1.0	6.7	5.6
THUR60	Yorkshire Electricity	1.0	47.4	0.7
TILB11	Eastern Power Networks	1.0	6.6	6.7
TILB11	RWE Npower plc (Innogy)	0.9	2.0	0.0
TILB12	Eastern Power Networks	1.0	16.1	5.9
TILB13	Eastern Power Networks	1.0	16.1	5.9
TILB14	Eastern Power Networks	1.0	6.6	6.7
TILB14	RWE Npower plc (Innogy)	0.9	2.0	0.0
TINP31	CORUS	1.0	0.4	0.0
TINP32	CORUS	1.0	0.4	0.0
TODP60	CORUS	0.8	-2.8	9.0
TONG50	SP Distribution	0.9	9.7	
TOTT11	Eastern Power Networks	1.0	46.4	8.5
TOTT12	Eastern Power Networks	1.0	46.4	8.5
TRAW10	SP MANWEB	0.9	27.1	0.5
TRAW20	British Nuclear Group	0.9	1.0	0.0
TREM30	Celsa	0.9	63.0	0.0
TUMB3	SHEPD	0.9	4.1	1.0
TYNE10	Northern Electric	1.0	56.0	2.2
TYNE50	Southern Electric	0.9	6.4	0.0
UPPB10	SWALEC (Infralec)	1.0	37.3	2.0
UPPB30	SWALEC (Infralec)	1.0	30.0	0.0
USKM10	SWALEC (Infralec)	1.0	95.8	1.5
WALP11	Central Networks East (EMEB)	1.0	34.5	2.9
WALP11	Eastern Power Networks	1.0	109.2	4.0
WALP12	Central Networks East (EMEB)	1.0	34.5	2.9
WALP12	Eastern Power Networks	1.0	109.2	4.0
WALP13	Central Networks East (EMEB)	1.0	34.5	2.9
WALP13	Eastern Power Networks	1.0	109.2	4.0
WARL10	Eastern Power Networks	1.0	62.8	9.3
WASF1A	NORWEB (UU)	1.0	0.0	4.0
WASF1B	NORWEB (UU)	1.0	0.0	4.0
WATS12	Eastern Power Networks	1.0	87.4	0.0
WBOL60	Northern Electric	1.0	64.2	0.0
WBUR10	Central Networks East (EMEB)	1.0	80.0	2.8
WBUR10	EdF Energy	0.7	6.0	0.0
WFIE30	SP Distribution	0.8	1.3	9.4
WGEO30	SP Distribution	0.8	33.5	
WHAM11	EDF (Formerly LPN)	1.0	113.0	0.0
WHAM12	EDF (Formerly LPN)	1.0	113.0	0.0
WHGA10	NORWEB (UU)	1.0	89.8	3.6
WHHO30	SP Distribution	1.0	20.1	
WHSO31	CORUS	1.0	0.5	0.0
WHSO32	CORUS	1.0	0.5	0.0
WIBA30	Yorkshire Electricity	1.0	12.6	0.6

Busbar	Customer Name	Power Factor at NG Minimum	Demand at NG Minimum	Embedded Generation at NG Minimum
WIEN10	Central Networks West (Aquila)	1.0	34.6	2.0
WIGP10	EDF (Formerly LPN)	1.0	201.1	0.0
WILL10	Central Networks East (EMEB)	1.0	189.9	1.4
WILL10	Derwent	1.0	0.0	0.0
WIOW30	SHEPD	1.0	13.4	0.0
WISD10	Eastern Power Networks	1.0	13.6	0.0
WISD10	EDF (Formerly LPN)	1.0	74.5	0.0
WISD60	EDF (Formerly LPN)	1.0	38.8	0.0
WISD60	Southern Electric	0.9	56.8	0.0
WISH10	SP Distribution	1.0	20.9	2.0
WMEL11	Yorkshire Electricity	1.0	127.7	6.1
WMEL12	Yorkshire Electricity	1.0	127.7	0.8
WMEL13	Yorkshire Electricity	1.0	127.7	0.8
WOHI30	SHEPD	1.0	11.2	0.0
WTHU60	Eastern Power Networks	1.0	13.9	0.0
WWEY11	SEEBOARD Power Networks	1.0	59.9	0.0
WWEY12	SEEBOARD Power Networks	1.0	59.9	0.0
WYLF10	Anglesey Aluminium	1.0	1.5	0.0
WYLF10	British Nuclear Group	0.9	75.0	0.0
WYLF10	SP MANWEB	0.9	6.1	0.3
WYMO4	Network Rail	0.9	0.5	0.0