

Mod0356 Workgroup – 08.02.11

Produce Indicative NTS Exit (Flat) Capacity Prices with demand flows based on 'As-Is' methodology with the Obligated (baseline plus incremental) level being scaled uniformly to Peak.

Information and indicative NTS Exit Capacity Prices have been provided below in response to a request for further analysis to be conducted from the UNC Modification Workgroup 0356 held on 8th February, 2011

The indicative prices set out below are based on the following model inputs:

- For bi-directional sites the modelled demand will be as follows:
 - For bi-directional sites with physical entry capability (storage, IUK, and BBL) the modelled demand is zero.
 - For bi-directional sites with no physical entry capability (Moffat) the modelled demand will be the obligated (baseline plus incremental) capacity level scaled uniformly to Peak.
- For DN offtakes, the modelled demand will be the obligated (baseline plus incremental) capacity level scaled uniformly to Peak.
- For directly connected (DC) offtakes (NTS Power Generation & Industrials) the modelled demand will be the obligated (baseline plus incremental) capacity level, other than where DC sites have not been commissioned or have been decommissioned, and scaled uniformly to Peak.

1 Further Information

The following tables shows indicative NTS Exit (Flat) Capacity Prices compared with the indicative prices calculated in accordance with the prevailing Charging Methodology ahead of the 2010 application window and National Grids Modification Proposal 0356;

NTS Exit (Flat) Capacity Prices (p/kWh/day)				
Exit Point	DC/DN	2012/13		
		As-Is Prevailing Methodology (May 2010)	NG Proposed Methodology	Obligated scaled uniformly to Peak
AM_PAPER	DC	0.0153	0.0177	0.0196
AVONMOUTH LNG	DC	0.0090	0.0149	0.0146
BACTON INTERCONNECTOR	DC	0.0001	0.0001	0.0001
BACTON_BAIRD	DC	0.0001	0.0001	0.0001
BAGLAN_BAY_PG	DC	0.0001	0.0001	0.0001
BARKING_PG	DC	0.0101	0.0118	0.0115
BARROW_BAINS	DC	0.0059	0.0083	0.0102
BARROW_BS	DC	0.0059	0.0083	0.0102
BARROW_GATEWAY	DC	0.0059	0.0083	0.0102
BARTON_STACEY_(MRS)	DC	0.0205	0.0222	0.0219
BILLINGHAM_ICI	DC	0.0032	0.0070	0.0067
BP_GRANGEMOUTH	DC	0.0082	0.0001	0.0001
BP_SALTEND_HP	DC	0.0001	0.0001	0.0001
BRIDGEWATER_PAPER	DC	0.0201	0.0245	0.0242
BRIGG_PG	DC	0.0029	0.0052	0.0049
BRIMSDOWN_PG	DC	0.0106	0.0123	0.0120
BRINE_FIELD_PS	DC	0.0026	0.0063	0.0060
BRUNNER_MOND	DC	0.0171	0.0209	0.0223
CARRINGTON_PS	DC	0.0176	0.0203	0.0223
CAYTHORPE_(MRS)	DC	0.0001	0.0009	0.0006
CENTRAX	DC	0.0216	0.0240	0.0237
CHESHIRE_(MRS)	DC	0.0164	0.0208	0.0217
CONNAHS_QUAY_PS	DC	0.0205	0.0249	0.0246
CORBY_PS	DC	0.0079	0.0102	0.0099
CORYTON_PG	DC	0.0104	0.0115	0.0112
CORYTON_PG_2	DC	0.0104	0.0115	0.0112
COTTAM_PG	DC	0.0019	0.0043	0.0040
DAMHEAD_CREEK	DC	0.0097	0.0096	0.0093
DEESIDE_PS	DC	0.0202	0.0245	0.0242
DIDCOT_A	DC	0.0168	0.0185	0.0182
DIDCOT_PS	DC	0.0168	0.0184	0.0181
DRAKELOW_PS	DC	0.0129	0.0153	0.0150
DYNEVOR_ARMS_LNG	DC	0.0001	0.0001	0.0001
EASINGTON&ROUGH_TERMINAL	DC	0.0001	0.0001	0.0001
ENRON_(BILLINGHAM)	DC	0.0032	0.0070	0.0067
GARTON_(MRS)	DC	0.0001	0.0001	0.0001
GLENMAVIS LNG	DC	0.0107	0.0001	0.0001
GOOLE_GLASS	DC	0.0006	0.0030	0.0027
GRAIN_GAS	DC	0.0097	0.0096	0.0093
GREAT_YARMOUTH	DC	0.0001	0.0001	0.0001
HATFIELD_MOOR_(MRS)	DC	0.0011	0.0035	0.0034
HAYS_CHEMICALS	DC	0.0170	0.0214	0.0212
HOLEHOUSE_FARM_(MRS)	DC	0.0172	0.0216	0.0213
HORNSEA_(MRS)	DC	0.0001	0.0001	0.0001
ICI_RUNCORN	DC	0.0202	0.0246	0.0243

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Exit Point	DC/DN	2012/13		
		As-Is Prevailing Methodology (May 2010)	NG Proposed Methodology	Obligated scaled uniformly to Peak
IMMINGHAM_PG	DC	0.0001	0.0001	0.0001
KEADBY_BS	DC	0.0018	0.0041	0.0038
KEADBY_PS	DC	0.0018	0.0041	0.0038
KEMIRAINCE_CHP	DC	0.0199	0.0242	0.0239
KINGS_LYNN_PS	DC	0.0029	0.0046	0.0043
LANGAGE_PG	DC	0.0246	0.0269	0.0266
LITTLE_BARFORD_PS	DC	0.0094	0.0111	0.0108
LONGANNET	DC	0.0075	0.0001	0.0001
MARCHWOOD	DC	0.0216	0.0239	0.0236
MEDWAY_PS	DC	0.0098	0.0097	0.0094
MILFORD_HAVEN_REFINERY	DC	0.0001	0.0001	0.0001
MOFFAT	DC	0.0154	0.0015	0.0034
PARTINGTON_LNG	DC	0.0176	0.0203	0.0222
PEMBROKE_PG	DC	0.0001	0.0001	0.0001
PETERBOROUGH_PS	DC	0.0060	0.0076	0.0073
PETERHEAD_PG	DC	0.0001	0.0001	0.0001
PHILLIPS_SEAL_SANDS	DC	0.0026	0.0063	0.0060
ROCKSAVAGE_PG	DC	0.0202	0.0246	0.0243
ROOSECOTE_PS	DC	0.0059	0.0083	0.0102
RYE_HOUSE_PS	DC	0.0111	0.0127	0.0124
SALTEND	DC	0.0001	0.0001	0.0001
SAPPAPAPERMILLCHP	DC	0.0142	0.0165	0.0162
SEABANK_POWER_phase II	DC	0.0091	0.0149	0.0146
SEABANK_POWER_phase1	DC	0.0108	0.0131	0.0128
SELLAFIELD_PS	DC	0.0099	0.0123	0.0142
SEVERNSIDE_ICI	DC	0.0091	0.0148	0.0145
SHOTTON_PAPER	DC	0.0204	0.0248	0.0245
SPALDING_PG	DC	0.0033	0.0057	0.0054
SPALDING_PG_2	DC	0.0033	0.0057	0.0054
ST_FERGUS_BS	DC	0.0001	0.0001	0.0001
STALLINGBOROUGH	DC	0.0001	0.0001	0.0001
STAYTHORPE	DC	0.0049	0.0072	0.0069
STUBLACH	DC	0.0164	0.0208	0.0217
SUTTON_BRIDGE_PS	DC	0.0043	0.0060	0.0057
TEESSIDE_BASF	DC	0.0026	0.0064	0.0061
TEESSIDE_HYDROGEN	DC	0.0026	0.0064	0.0061
THORNTON_CURTIS_(KILLINGHOLME)	DC	0.0001	0.0001	0.0001
WEST_BURTON_PS	DC	0.0019	0.0042	0.0039
WYRE_PS	DC	0.0131	0.0154	0.0173
ZENECA	DC	0.0032	0.0070	0.0067
BACTON_OT	EA	0.0001	0.0001	0.0001
BRISLEY	EA	0.0003	0.0020	0.0017
CAMBRIDGE	EA	0.0066	0.0082	0.0079
EYE	EA	0.0056	0.0073	0.0070
GREAT_WILBRAHAM	EA	0.0056	0.0073	0.0070
MATCHING_GREEN	EA	0.0097	0.0114	0.0111
ROUDHAM_HEATH	EA	0.0019	0.0036	0.0033
ROYSTON	EA	0.0075	0.0091	0.0088
WEST_WINCH	EA	0.0027	0.0043	0.0040
WHITWELL	EA	0.0094	0.0110	0.0107
YELVERTON	EA	0.0001	0.0015	0.0012
ALREWAS_EM	EM	0.0134	0.0158	0.0155
BLABY	EM	0.0099	0.0123	0.0120

NTS Exit (Flat) Capacity Prices (p/kWh/day)				
Exit Point	DC/DN	2012/13		
		As-Is Prevailing Methodology (May 2010)	NG Proposed Methodology	Obligated scaled uniformly to Peak
BLYBOROUGH	EM	0.0019	0.0043	0.0040
CALDECOTT	EM	0.0076	0.0099	0.0096
DROINTON_OT	EM	0.0145	0.0169	0.0166
GOSBERTON	EM	0.0030	0.0053	0.0050
KIRKSTEAD	EM	0.0010	0.0033	0.0030
MARKET_HARBOROUGH	EM	0.0087	0.0110	0.0107
SILK_WILLOUGHBY	EM	0.0022	0.0045	0.0042
SUTTON_BRIDGE	EM	0.0044	0.0061	0.0058
THORNTON_CURTIS_LDZ	EM	0.0001	0.0001	0.0001
TUR_LANGTON	EM	0.0089	0.0112	0.0109
WALESBY	EM	0.0001	0.0009	0.0006
ASSELBY	NE	0.0001	0.0025	0.0022
BALDESBY	NE	0.0052	0.0076	0.0073
BURLEY_BANK	NE	0.0045	0.0068	0.0065
GANSTEAD	NE	0.0001	0.0001	0.0001
PANNAL	NE	0.0040	0.0064	0.0061
PAULL	NE	0.0001	0.0001	0.0001
PICKERING	NE	0.0001	0.0036	0.0033
RAWCLIFFE	NE	0.0003	0.0026	0.0023
TOWTON	NE	0.0023	0.0046	0.0043
BISHOP_AUCKLAND	NO	0.0050	0.0071	0.0084
BISHOP_AUCKLAND_TEST_FACILITY	NO	0.0050	0.0071	0.0084
COLDSTREAM	NO	0.0118	0.0001	0.0001
CORBRIDGE	NO	0.0094	0.0026	0.0045
COWPEN_BEWLEY	NO	0.0030	0.0068	0.0065
ELTON	NO	0.0034	0.0079	0.0076
GUYZANCE	NO	0.0120	0.0001	0.0020
HUMBLETON	NO	0.0113	0.0001	0.0001
KELD	NO	0.0120	0.0092	0.0111
LITTLE_BURDON	NO	0.0039	0.0083	0.0080
MELKINTHORPE	NO	0.0127	0.0085	0.0104
SALTWICK_PC	NO	0.0152	0.0013	0.0032
SALTWICK_VC	NO	0.0152	0.0013	0.0032
THRINTOFT	NO	0.0055	0.0095	0.0092
TOW_LAW	NO	0.0069	0.0090	0.0104
WETHERAL	NO	0.0135	0.0059	0.0079
HORNDON	NT	0.0101	0.0118	0.0115
LUXBOROUGH_LANE	NT	0.0104	0.0120	0.0117
PETERS_GREEN	NT	0.0098	0.0115	0.0112
PETERS_GREEN_SOUTH_MIMMS	NT	0.0098	0.0115	0.0112
WINKFIELD_NT	NT	0.0185	0.0202	0.0199
AUDLEY_NW	NW	0.0180	0.0204	0.0201
BLACKROD	NW	0.0152	0.0175	0.0172
ECCLESTON	NW	0.0200	0.0236	0.0233
HOLMES_CHAPEL	NW	0.0193	0.0216	0.0213
LUPTON	NW	0.0094	0.0118	0.0137
MALPAS	NW	0.0199	0.0223	0.0220
MICKLE_TRAFFORD	NW	0.0193	0.0237	0.0234
PARTINGTON	NW	0.0176	0.0203	0.0223
SAMLESBURY	NW	0.0138	0.0161	0.0158
WARBURTON	NW	0.0178	0.0201	0.0220
WESTON_POINT	NW	0.0202	0.0246	0.0243
ABERDEEN	SC	0.0001	0.0001	0.0001

NTS Exit (Flat) Capacity Prices (p/kWh/day)				
Exit Point	DC/DN	2012/13		
		As-Is Prevailing Methodology (May 2010)	NG Proposed Methodology	Obligated scaled uniformly to Peak
ARMADALE	SC	0.0099	0.0001	0.0001
BALGRAY	SC	0.0016	0.0001	0.0001
BATHGATE	SC	0.0095	0.0001	0.0001
BROXBURN	SC	0.0110	0.0001	0.0001
CARESTON	SC	0.0001	0.0001	0.0001
DRUM	SC	0.0067	0.0001	0.0001
GLENMAVIS	SC	0.0107	0.0001	0.0001
HUME	SC	0.0128	0.0001	0.0008
KINKNOCKIE	SC	0.0001	0.0001	0.0001
LANGHOLM	SC	0.0134	0.0035	0.0055
LAUDERHILL	SC	0.0144	0.0001	0.0024
LOCKERBIE	SC	0.0144	0.0026	0.0045
MOSSIDE	SC	0.0001	0.0001	0.0001
NETHER_HOWCLEUGH	SC	0.0147	0.0008	0.0027
PITCAIRNGREEN	SC	0.0039	0.0001	0.0001
SOUTRA	SC	0.0145	0.0006	0.0026
ST_FERGUS_OT	SC	0.0001	0.0001	0.0001
STRANRAER	SC	0.0154	0.0015	0.0034
FARNINGHAM	SE	0.0120	0.0119	0.0116
FARNINGHAM_B	SE	0.0120	0.0119	0.0116
SHORNE	SE	0.0110	0.0109	0.0106
TATSFIELD	SE	0.0137	0.0136	0.0133
WINKFIELD_SE	SE	0.0185	0.0202	0.0199
BRAISHFIELD_A	SO	0.0220	0.0237	0.0234
BRAISHFIELD_B	SO	0.0220	0.0237	0.0234
CRAWLEY_DOWN	SO	0.0202	0.0225	0.0221
HARDWICK	SO	0.0133	0.0149	0.0146
IPSDEN	SO	0.0165	0.0181	0.0178
IPSDEN_2	SO	0.0165	0.0181	0.0178
MAPPOWDER	SO	0.0170	0.0194	0.0191
WINKFIELD_SO	SO	0.0185	0.0202	0.0199
AYLESBEARE	SW	0.0192	0.0215	0.0212
CHOAKFORD	SW	0.0246	0.0269	0.0266
CIRENCESTER	SW	0.0086	0.0109	0.0106
COFFINSWELL	SW	0.0218	0.0242	0.0239
EASTON_GREY	SW	0.0091	0.0115	0.0112
EVESHAM	SW	0.0056	0.0080	0.0077
FIDDINGTON	SW	0.0044	0.0067	0.0064
ILCHESTER	SW	0.0149	0.0173	0.0170
KENN_SOUTH	SW	0.0203	0.0226	0.0223
LITTLETON_DREW	SW	0.0099	0.0123	0.0120
PUCKLECHURCH	SW	0.0108	0.0131	0.0128
ROSS_SW	SW	0.0016	0.0039	0.0036
SEABANK_LDZ	SW	0.0092	0.0150	0.0147
ALREWAS_WM	WM	0.0134	0.0158	0.0155
ASPLEY	WM	0.0164	0.0187	0.0184
AUDLEY_WM	WM	0.0180	0.0204	0.0201
AUSTREY	WM	0.0122	0.0145	0.0142
LEAMINGTON_SPA	WM	0.0082	0.0105	0.0102
LOWER_QUINTON	WM	0.0067	0.0091	0.0088
MILWICH	WM	0.0152	0.0175	0.0172
ROSS_WM	WM	0.0016	0.0039	0.0036
RUGBY	WM	0.0093	0.0116	0.0113

NTS Exit (Flat) Capacity Prices (p/kWh/day)		2012/13		
Exit Point	DC/DN	As-Is Prevailing Methodology (May 2010)	NG Proposed Methodology	Obligated scaled uniformly to Peak
SHUSTOKE	WM	0.0134	0.0157	0.0154
STRATFORD_UPON_AVON	WM	0.0068	0.0092	0.0089
MAELOR	WN	0.0207	0.0231	0.0228
DOWLAIS	WS	0.0001	0.0001	0.0001
DYFFRYN_CLYDACH	WS	0.0001	0.0001	0.0001
GILWERN	WS	0.0001	0.0010	0.0007