

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 Supply.

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 Supply.
- For DN offtakes, the modelled demand will be the obligated (baseline plus incremental) capacity level scaled uniformly to Supply.
- 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 Supply.

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 Supply
AM_PAPER	DC	0.0153	0.0177	0.0155
AVONMOUTH LNG	DC	0.0090	0.0149	0.0092
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	0.0103
BARROW_BAINS	DC	0.0059	0.0083	0.0060
BARROW_BS	DC	0.0059	0.0083	0.0060
BARROW_GATEWAY	DC	0.0059	0.0083	0.0060
BARTON_STACEY_(MRS)	DC	0.0205	0.0222	0.0206
BILLINGHAM_ICI	DC	0.0032	0.0070	0.0033
BP_GRANGEMOUTH	DC	0.0082	0.0001	0.0083
BP_SALTEND_HP	DC	0.0001	0.0001	0.0001
BRIDGEWATER_PAPER	DC	0.0201	0.0245	0.0216
BRIGG_PG	DC	0.0029	0.0052	0.0030
BRIMSDOWN_PG	DC	0.0106	0.0123	0.0108
BRINE_FIELD_PS	DC	0.0026	0.0063	0.0027
BRUNNER_MOND	DC	0.0171	0.0209	0.0185
CARRINGTON_PS	DC	0.0176	0.0203	0.0177
CAYTHORPE_(MRS)	DC	0.0001	0.0009	0.0001
CENTRAX	DC	0.0216	0.0240	0.0218
CHESHIRE_(MRS)	DC	0.0164	0.0208	0.0179
CONNAHS_QUAY_PS	DC	0.0205	0.0249	0.0219
CORBY_PS	DC	0.0079	0.0102	0.0080
CORYTON_PG	DC	0.0104	0.0115	0.0105
CORYTON_PG_2	DC	0.0104	0.0115	0.0105
COTTAM_PG	DC	0.0019	0.0043	0.0021
DAMHEAD_CREEK	DC	0.0097	0.0096	0.0098
DEESIDE_PS	DC	0.0202	0.0245	0.0216
DIDCOT_A	DC	0.0168	0.0185	0.0170
DIDCOT_PS	DC	0.0168	0.0184	0.0169
DRAKELOW_PS	DC	0.0129	0.0153	0.0131
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	0.0033
GARTON_(MRS)	DC	0.0001	0.0001	0.0001
GLENMAVIS LNG	DC	0.0107	0.0001	0.0109
GOOLE_GLASS	DC	0.0006	0.0030	0.0008
GRAIN_GAS	DC	0.0097	0.0096	0.0098
GREAT_YARMOUTH	DC	0.0001	0.0001	0.0001
HATFIELD_MOOR_(MRS)	DC	0.0011	0.0035	0.0012
HAYS_CHEMICALS	DC	0.0170	0.0214	0.0185
HOLEHOUSE_FARM_(MRS)	DC	0.0172	0.0216	0.0187
HORNSEA_(MRS)	DC	0.0001	0.0001	0.0001
ICI_RUNCORN	DC	0.0202	0.0246	0.0217

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Exit Point	DC/DN	2012/13		
		As-is Prevailing Methodology (May 2010)	NG Proposed Methodology	Obligated Scaled uniformly to Supply
IMMINGHAM_PG	DC	0.0001	0.0001	0.0001
KEADBY_BS	DC	0.0018	0.0041	0.0019
KEADBY_PS	DC	0.0018	0.0041	0.0019
KEMIRAINCE_CHP	DC	0.0199	0.0242	0.0213
KINGS_LYNN_PS	DC	0.0029	0.0046	0.0031
LANGAGE_PG	DC	0.0246	0.0269	0.0247
LITTLE_BARFORD_PS	DC	0.0094	0.0111	0.0096
LONGANNET	DC	0.0075	0.0001	0.0076
MARCHWOOD	DC	0.0216	0.0239	0.0218
MEDWAY_PS	DC	0.0098	0.0097	0.0099
MILFORD_HAVEN_REFINERY	DC	0.0001	0.0001	0.0001
MOFFAT	DC	0.0154	0.0015	0.0155
PARTINGTON_LNG	DC	0.0176	0.0203	0.0177
PEMBROKE_PG	DC	0.0001	0.0001	0.0001
PETERBOROUGH_PS	DC	0.0060	0.0076	0.0061
PETERHEAD_PG	DC	0.0001	0.0001	0.0001
PHILLIPS_SEAL_SANDS	DC	0.0026	0.0063	0.0027
ROCKSAVAGE_PG	DC	0.0202	0.0246	0.0217
ROSECOTE_PS	DC	0.0059	0.0083	0.0060
RYE_HOUSE_PS	DC	0.0111	0.0127	0.0112
SALTEND	DC	0.0001	0.0001	0.0001
SAPPAPAPERMILLCHP	DC	0.0142	0.0165	0.0143
SEABANK_POWER_phase_II	DC	0.0091	0.0149	0.0092
SEABANK_POWER_phase1	DC	0.0108	0.0131	0.0109
SELLAFIELD_PS	DC	0.0099	0.0123	0.0101
SEVERNSIDE_ICI	DC	0.0091	0.0148	0.0092
SHOTTON_PAPER	DC	0.0204	0.0248	0.0219
SPALDING_PG	DC	0.0033	0.0057	0.0035
SPALDING_PG_2	DC	0.0033	0.0057	0.0035
ST_FERGUS_BS	DC	0.0001	0.0001	0.0001
STALLINGBOROUGH	DC	0.0001	0.0001	0.0001
STAYTHORPE	DC	0.0049	0.0072	0.0050
STUBLACH	DC	0.0164	0.0208	0.0179
SUTTON_BRIDGE_PS	DC	0.0043	0.0060	0.0044
TEESSIDE_BASF	DC	0.0026	0.0064	0.0027
TEESSIDE_HYDROGEN	DC	0.0026	0.0064	0.0027
THORNTON_CURTIS_(KILLINGHOLME)	DC	0.0001	0.0001	0.0001
WEST_BURTON_PS	DC	0.0019	0.0042	0.0020
WYRE_PS	DC	0.0131	0.0154	0.0132
ZENECA	DC	0.0032	0.0070	0.0033
BACTON_OT	EA	0.0001	0.0001	0.0001
BRISLEY	EA	0.0003	0.0020	0.0004
CAMBRIDGE	EA	0.0066	0.0082	0.0067
EYE	EA	0.0056	0.0073	0.0057
GREAT_WILBRAHAM	EA	0.0056	0.0073	0.0058
MATCHING_GREEN	EA	0.0097	0.0114	0.0098
ROUDHAM_HEATH	EA	0.0019	0.0036	0.0021
ROYSTON	EA	0.0075	0.0091	0.0076
WEST_WINCH	EA	0.0027	0.0043	0.0028
WHITWELL	EA	0.0094	0.0110	0.0095
YELVERTON	EA	0.0001	0.0015	0.0001
ALREWAS_EM	EM	0.0134	0.0158	0.0135
BLABY	EM	0.0099	0.0123	0.0100

NTS Exit (Flat) Capacity Prices (p/kWh/day)				
Exit Point	DC/DN	2012/13		Obligated Scaled uniformly to Supply
		As-Is Prevailing Methodology (May 2010)	NG Proposed Methodology	
BLYBOROUGH	EM	0.0019	0.0043	0.0021
CALDECOTT	EM	0.0076	0.0099	0.0077
DROINTON_OT	EM	0.0145	0.0169	0.0147
GOSBERTON	EM	0.0030	0.0053	0.0031
KIRKSTEAD	EM	0.0010	0.0033	0.0011
MARKET_HARBOROUGH	EM	0.0087	0.0110	0.0088
SILK_WILLOUGHBY	EM	0.0022	0.0045	0.0023
SUTTON_BRIDGE	EM	0.0044	0.0061	0.0046
THORNTON_CURTIS_LDZ	EM	0.0001	0.0001	0.0001
TUR_LANGTON	EM	0.0089	0.0112	0.0090
WALESBY	EM	0.0001	0.0009	0.0001
ASSELBY	NE	0.0001	0.0025	0.0002
BALDERSBY	NE	0.0052	0.0076	0.0054
BURLEY_BANK	NE	0.0045	0.0068	0.0046
GANSTEAD	NE	0.0001	0.0001	0.0001
PANNAL	NE	0.0040	0.0064	0.0042
PAULL	NE	0.0001	0.0001	0.0001
PICKERING	NE	0.0001	0.0036	0.0001
RAWCLIFFE	NE	0.0003	0.0026	0.0004
TOWTON	NE	0.0023	0.0046	0.0024
BISHOP_AUCKLAND	NO	0.0050	0.0071	0.0051
BISHOP_AUCKLAND_TEST_FACILITY	NO	0.0050	0.0071	0.0051
COLDSTREAM	NO	0.0118	0.0001	0.0120
CORBRIDGE	NO	0.0094	0.0026	0.0096
COWPEN_BEWLEY	NO	0.0030	0.0068	0.0031
ELTON	NO	0.0034	0.0079	0.0036
GUYZANCE	NO	0.0120	0.0001	0.0121
HUMBLETON	NO	0.0113	0.0001	0.0115
KELD	NO	0.0120	0.0092	0.0122
LITTLE_BURDON	NO	0.0039	0.0083	0.0040
MELKINTHORPE	NO	0.0127	0.0085	0.0129
SALTWICK_PC	NO	0.0152	0.0013	0.0153
SALTWICK_VC	NO	0.0152	0.0013	0.0153
THRINTOFT	NO	0.0055	0.0095	0.0057
TOW_LAW	NO	0.0069	0.0090	0.0070
WETHERAL	NO	0.0135	0.0059	0.0136
HORNDON	NT	0.0101	0.0118	0.0103
LUXBOROUGH_LANE	NT	0.0104	0.0120	0.0105
PETERS_GREEN	NT	0.0098	0.0115	0.0099
PETERS_GREEN_SOUTH_MIMMS	NT	0.0098	0.0115	0.0099
WINKFIELD_NT	NT	0.0185	0.0202	0.0186
AUDLEY_NW	NW	0.0180	0.0204	0.0182
BLACKROD	NW	0.0152	0.0175	0.0153
ECCLESTON	NW	0.0200	0.0236	0.0214
HOLMES_CHAPEL	NW	0.0193	0.0216	0.0194
LUPTON	NW	0.0094	0.0118	0.0095
MALPAS	NW	0.0199	0.0223	0.0200
MICKLE_TRAFFORD	NW	0.0193	0.0237	0.0207
PARTINGTON	NW	0.0176	0.0203	0.0177
SAMLESBURY	NW	0.0138	0.0161	0.0139
WARBURTON	NW	0.0178	0.0201	0.0179
WESTON_POINT	NW	0.0202	0.0246	0.0217
ABERDEEN	SC	0.0001	0.0001	0.0001

NTS Exit (Flat) Capacity Prices (p/kWh/day)				
Exit Point	DC/DN	2012/13		Obligated Scaled uniformly to Supply
		As-Is Prevailing Methodology (May 2010)	NG Proposed Methodology	
ARMADALE	SC	0.0099	0.0001	0.0100
BALGRAY	SC	0.0016	0.0001	0.0018
BATHGATE	SC	0.0095	0.0001	0.0096
BROXBURN	SC	0.0110	0.0001	0.0112
CARESTON	SC	0.0001	0.0001	0.0001
DRUM	SC	0.0067	0.0001	0.0069
GLENMAVIS	SC	0.0107	0.0001	0.0109
HUME	SC	0.0128	0.0001	0.0129
KINKNOCKIE	SC	0.0001	0.0001	0.0001
LANGHOLM	SC	0.0134	0.0035	0.0135
LAUDERHILL	SC	0.0144	0.0001	0.0145
LOCKERBIE	SC	0.0144	0.0026	0.0145
MOSSIDE	SC	0.0001	0.0001	0.0001
NETHER_HOWCLEUGH	SC	0.0147	0.0008	0.0148
PITCAIRNGREEN	SC	0.0039	0.0001	0.0041
SOUTRA	SC	0.0145	0.0006	0.0147
ST_FERGUS_OT	SC	0.0001	0.0001	0.0001
STRANRAER	SC	0.0154	0.0015	0.0155
FARNINGHAM	SE	0.0120	0.0119	0.0121
FARNINGHAM_B	SE	0.0120	0.0119	0.0121
SHORNE	SE	0.0110	0.0109	0.0112
TATSFIELD	SE	0.0137	0.0136	0.0139
WINKFIELD_SE	SE	0.0185	0.0202	0.0186
BRAISHFIELD_A	SO	0.0220	0.0237	0.0221
BRAISHFIELD_B	SO	0.0220	0.0237	0.0221
CRAWLEY_DOWN	SO	0.0202	0.0225	0.0203
HARDWICK	SO	0.0133	0.0149	0.0134
IPSDEN	SO	0.0165	0.0181	0.0166
IPSDEN_2	SO	0.0165	0.0181	0.0166
MAPPOWDER	SO	0.0170	0.0194	0.0172
WINKFIELD_SO	SO	0.0185	0.0202	0.0186
AYLESBEARE	SW	0.0192	0.0215	0.0193
CHOAKFORD	SW	0.0246	0.0269	0.0247
CIRENCESTER	SW	0.0086	0.0109	0.0087
COFFINSWELL	SW	0.0218	0.0242	0.0220
EASTON_GREY	SW	0.0091	0.0115	0.0093
EVESHAM	SW	0.0056	0.0080	0.0057
FIDDINGTON	SW	0.0044	0.0067	0.0045
ILCHESTER	SW	0.0149	0.0173	0.0151
KENN_SOUTH	SW	0.0203	0.0226	0.0204
LITTLETON_DREW	SW	0.0099	0.0123	0.0101
PUCKLECHURCH	SW	0.0108	0.0131	0.0109
ROSS_SW	SW	0.0016	0.0039	0.0017
SEABANK_LDZ	SW	0.0092	0.0150	0.0093
ALREWAS_WM	WM	0.0134	0.0158	0.0135
ASPLEY	WM	0.0164	0.0187	0.0165
AUDLEY_WM	WM	0.0180	0.0204	0.0182
AUSTREY	WM	0.0122	0.0145	0.0123
LEAMINGTON_SPA	WM	0.0082	0.0105	0.0083
LOWER_QUINTON	WM	0.0067	0.0091	0.0068
MILWICH	WM	0.0152	0.0175	0.0153
ROSS_WM	WM	0.0016	0.0039	0.0017
RUGBY	WM	0.0093	0.0116	0.0094

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 Supply
SHUSTOKE	WM	0.0134	0.0157	0.0135
STRATFORD_UPON_AVON	WM	0.0068	0.0092	0.0070
MAELOR	WN	0.0207	0.0231	0.0209
DOWLAIS	WS	0.0001	0.0001	0.0001
DYFFRYN_CLYDACH	WS	0.0001	0.0001	0.0001
GILWERN	WS	0.0001	0.0010	0.0001