APX POWER UK **TECHNICAL DATA GUIDE**

VERSION 3.0

Document Location

An electronic version of this document is available in the member's area of APX Group website (www.apxgroup.com). A valid username and password are required.

Revision History

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15 June 2006	1.0	Katy Elias	First Draft
21 February 2008	1.1	Vlad Kaltenieks	Revision
15 April 2008	1.2	Vlad Kaltenieks	Revision
2 October 2008	1.3	Vlad Kaltenieks	UK Power Auction Draft
31 October 2008	1.4	Vlad Kaltenieks	Revision
2 December 2008	1.5	Vlad Kaltenieks	Auction Correction
14 August 2009	1.6	Vlad Kaltenieks	Replaced MWh with MW in RPD
1 September 2010	1.7	Vlad Kaltenieks	DART Removal Update
16 November 2011	1.8	Vlad Kaltenieks	General update and corrections
2 February 2012	1.9	Vlad Kaltenieks	UK Operations feedback implementation
15 February 2012	2.0	Vlad Kaltenieks	Final update and document release
10 May 2012	2.1	Vlad Kaltenieks	Update on Monthly Bulletin publication
04 July 2014	3.0	Gerard Schuurman	Bring in line with new company structure

Approvals

This document requires the following approvals.

Name	Signature	Title	Date of Issue
Derek Abernethy		Commercial Director APX	16 July 2014

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1 Introduction

Established in 2000 as Britain's first independent power exchange, APX Power UK, now a part of APX Holding, offers authoritative industry benchmark indices, Over-the-Counter (OTC) clearing services and Day-Ahead Auction results.

For analytical purposes APX Power UK can provide you with data dating back to April 2001, which is used within the industry from generators to journalists.

The APX Power UK Day-Ahead Auction data is available from the APX Group FTP server from 1st April, 2011 following the BritNed cable launch. Further information on the Auction is available from APX UK Power Auction Market Guide.

All reports are available from the FTP server with some also featuring on the APX Power UK public section of the APX Holding website - www.apxgroup.com

2 APX Power UK Continuous Market Data Package

The data package is made up of the following:

- Daily market bulletin
- Monthly market bulletin
- DART index values and statistics[1]
- Monthly high and low report
- Reference price data (HH, 2HB & 4HB and HH only)
- Spot settlement
- Forward settlement

2.1 Daily Market Bulletin

APX Power UK Daily Market Bulletins summarise the day's activity.

File Name	Daily Market Bulletin – DDMMYY.xls
File Name Example	Daily Market Bulletin – 011008.xls
FTP Site Pathway	/APX Power UK/Daily Market Bulletin/yyyy/mm
FTP Site Pathway Example	/APX Power UK/Daily Market Bulletin/2008/10
Published	Daily dd-mm-yyyy 18:30 (UK local time)

The data included in each daily market bulletin runs from 00.00 on the previous day until 18.00 on the trading day in question.

The Daily Market Bulletin report includes the following data:

- Volumes for previous day's trading;
- Vital statistics for the APX Power UK Continuous Spot and Prompt markets and Broker OTC Give-up Service - Volume, High and Low prices for each contract traded on the given day;
- Graphical representation of Within Day, Day-Ahead Spot volumes and prices.

2.2 Monthly Market Bulletin [no active service since September 2010]

Prior to 1st January 2012 APX has provided an APX Power UK Monthly Market Bulletin. This has now been discontinued and the information below is provided for legacy purposes.

[1] Dart index values and statistics are only available in a historical context. Further details are included in section 2.3.

APX Power UK Monthly Market Bulletin summarises the month's activity.

File Name	Monthly Market Bulletin MMM YY.xls
File Name Example	Monthly Market Bulletin Feb 2008.xls
FTP Site Pathway	/APX Power UK/Monthly Market Bulletin/yyyy
FTP Site Pathway Example	/APX Power UK/Monthly Market Bulletin/2008
Published	Monthly 01-mm-yyyy 00:01 (UK local time)

The Monthly Market Bulletin report includes the following data:

- Average monthly RPD (HH, 2HB & 4HB);
- Vital statistics for the APX Power UK Spot and Prompt markets - volume, high and low prices overall;
- Graphical representation of half hour high and lows, spot market total volumes and prompt market block and day, weekend and week contracts total volumes.

2.3 DART Index Values and Statistics [no active service since September 2010]

Prior to 1st September 2010 APX has provided APX Power UK DART. This has now been discontinued and the information below is provided for legacy purposes.

APX Power UK DART is the Day-Ahead real time index, calculated between 08:00 and 18:00 on normal business days. DART information is available through four files.

The DART Fixing Value Historic File

File Name	dartfix.xls
FTP Site Pathway	/APX Power UK/Dart
Published	Twice Daily dd-mm-yyyy 12:01 and 18:01 (UK local time)

The DART fixing value historic file contains data since 27 March 2003.

The file contains three tabs, one with the most recent DART value, the second with historical fixing values and the third with a legal notice. Contents of the DART fixing value historic file are as follows:

Field	Format	Description
Fix Creation Day	ddd dd/mm/yy	Trading day
Instrument	Text	Base Load Day, Base Load Weekend and Peak Load Day Instrument ID
12:00 fixing value	Numeric, e.g. 1,000.00	Volume Weighted Average Price (VWAP) of all trades executed in the relevant product between 08:00 and 12:00, or extrapolated value

18:00 fixing value	Numeric, e.g. 1,000.00	Volume Weighted Average Price (VWAP) of all trades executed in the relevant product between 08:00 and 18:00, or extrapolated value
12:00 volume (lots)	Numeric, e.g. 1,000.00	Volume measured by number of lots traded in the relevant product between 08:00 and 12:00, or null
18:00 volume (lots)	Numeric, e.g. 1,000.00	Volume measured by number of lots traded in the relevant product between 08:00 and 18:00, or null

The DART Statistics Historic File [no active service since September 2010]

Prior to 1st September 2010 APX has provided APX Power UK DART. This has now been discontinued and the information below is provided for legacy purposes.

The DART statistics contains graphical representation of historical fixing values since 27 March 2003. Graphs are split into quarterly periods.

File Name	dartstats.xls
FTP Site Pathway	/APX Power UK/Dart
Published	Twice Daily dd-mm-yyyy 12:01 and 18:01 (UK local time)

The DART Mid-Day and End of Day Fixing Files[no active service since September 2010]

Prior to 1st September 2010 APX has provided APX Power UK DART. This has now been discontinued and the information below is provided for legacy purposes.

The DART individual fixing value files contain the same information as the historic files, although they report one day only and in a fix format (similar to a csv file). One file is produced for the mid-day fixing values and another for the end of day fixing values.

File Name	YYYYMMDDmid.fix
File Name Example	20080801mid.fix
FTP Site Pathway	/APX Power UK/Dart/DART FIX FILES/yyyy/mm/
Published	Daily dd-mm-yyyy 12:01

File Name	YYYYMMDDend.fix
File Name Example	20080801end.fix
FTP Site Pathway	/APX Power UK/Dart/DART FIX FILES/yyyy/mm/
Published	Daily dd-mm-yyyy 18:01

2.4 Monthly High Low Report

APX Power UK Monthly High and Low report summarises the month's activity.

File Name	HiLoReport_MMM_YYYY.xls
File Name Example	HiLoReport_Aug_2008.xls
FTP Site Pathway	/APX Power UK/High Low Report/yyyy/
Pathway Example	/APX Power UK/High Low Report/2008/
Published	Monthly 01-mm-yyyy 00:01

This report supplies the daily high and low prices, number of lots traded and the MWh volume for each spot and prompt market product.

Contents of the high and low report are as follows:

Field	Format	Description
Date	dd-mmm-yy	Trading day (Calendar)
Product ID	Text	Identifying the product type
High	Numeric, e.g. 1,000.00	Highest traded price per day per product, or null.
Low	Numeric, e.g. 1,000.00	Lowest traded price per day per product, or null.
Contracts	Numeric, e.g. 1,000	Volume measure by number of lots traded per day per product.
MWh	Numeric, e.g. 1,000	Volume measured by number of megawatt hours traded per day per product.

2.5 Reference Price Data (RPD)

APX Power UK produces two Reference Price Data files. When embarking on group research or analysis please ensure all parties are using the same version.

Reference Price Data (RPD) Half Hour Product Only

Reference price data HH Only, is a half hourly price derived from the volume weighted average price of all Half Hour contracts traded within forty-nine and a half hours of market closure.

File Name	Reference Price Data HH ONLY YYYY.xls
File Name Example	Reference Price Data HH ONLY 2008.xls
FTP Site Pathway current year	/APX Power UK/RPD/
FTP Site Pathway historic years	/APX Power UK/RPD/yyyy/
Pathway Example	/APX Power UK/RPD/2008/
Published	Daily dd-mm-yyyy 22:30

The Reference Price Data HH Only report includes following data:

- Reference prices per delivery period
- Underlying volumes (MWh) per delivery period
- Base Load Index
- Peak Load Index
- Extended Peak Load

Reference Price Data (RPD) Half Hour, 2 Hour and 4 Hour Block Contracts

Reference price data HH, 2H & 4H Block contracts, is a half hourly price derived from the volume weighted average price of all HH, 2H and 4H Block contracts traded within seven calendar days of market closure.

File Name	Reference Price Data HH 2HB 4HB YYYY.xls
File Name Example	Reference Price Data HH 2HB 4HB 2008.xls
FTP Site Pathway current year	/APX Power UK/RPD/
FTP Site Pathway historic years	/APX Power UK/RPD/yyyy/
Pathway Example	/APX Power UK/RPD/2008/
Published	Daily dd-mm-yyyy 22:30

The Reference Price Data HH 2HB 4HB report includes following data:

- Reference prices per delivery period
- Underlying volumes (MWh) per delivery period
- Base Load Index
- Peak Load Index
- Extended Peak Load
- Off Peak Index
- Summary of indices for the current day
- Graphical representation of Indices

Reference Price Data HH Only Systemised Access Files

For systemised access the Reference Price Data HH Only excel file has been separated into three csv files for the price, volume and Spot and Peak Load indices information.

For systemised price information please use HH_ONLY_rpd.csv

File Name	HH_ONLY_rpd.csv
FTP Site Pathway current year	/APX Power UK/RPD
FTP Site Pathway historic years	/APX Power UK/RPD/yyyy/
Pathway Example	/APX Power UK/RPD/2011/
Published	Daily dd-mm-yyyy 22:30

Contents of the HH_ONLY_rpd.csv file are as follows:

Field	Format	Description
Date	dd-mmm-yy	Trading day (EFA)
Delivery Period	Text	Identifying the delivery period
Reference Price	Numeric, e.g.1,000.00	VWAP of all trades executed in the relevant product, or null.

For systemised volume information please use HH_ONLY_volume.csv

File Name	rpd_volume.csv
FTP Site Pathway current year	/APX Power UK/RPD
FTP Site Pathway historic years	/APX Power UK/RPD/yyyy/
Pathway Example	/APX Power UK/RPD/2011/
Published	Daily dd-mm-yyyy 22:30

Contents of the HH_ONLY_volume.csv file are as follows:

Field	Format	Description
Date	dd-mmm-yy	Trading day (EFA)
Delivery Period	Text	Identifying the delivery period
MWh	Numeric, e.g.1,000	Underlying volumes (MWh) per delivery period.

For systemised index information please use HH_ONLY_spotpeak.csv

File Name	HH_ONLY_spotpeak.csv
FTP Site Pathway current year	/APX Power UK/RPD
FTP Site Pathway historic years	/APX Power UK/RPD/yyyy/
Pathway Example	/APX Power UK/RPD/2011/
Published	Daily dd-mm-yyyy 22:30

Contents of the HH_ONLY_spotpeak.csv file are as follows:

Field	Format	Description
Date	dd-mmm-yy	Trading day (EFA)
Delivery Period	Text	Identifying the delivery period
Base Load Index	Numeric, e.g. 1,000.00	The average of the RPD prices for all 48 half hour settlement periods.
Peak Load Index	Numeric, e.g. 1,000.00	The average of the RPD prices for half hour settlement periods between 07:00 – 19:00.
Extended Peak Load Index	Numeric, e.g. 1,000.00	The average of the RPD prices for half hour settlement periods between 07:00 – 23:00

Reference Price Data HH 2HB 4HB Systemised Access Files

For systemised access the Reference Price Data HH 2HB 4HB excel file has been separated into three csv files for the price, volume and Spot and Peak Load indices information.

For systemised price information please use rpd_rpd.csv

File Name	rpd_rpd.csv
FTP Site Pathway current year	/APX Power UK/RPD
FTP Site Pathway historic years	/APX Power UK/RPD/yyyy/
Pathway Example	/APX Power UK/RPD/2008/
Published	Daily dd-mm-yyyy 22:30

Contents of the rpd_rpd.csv file are as follows:

Field	Format	Description
Date	dd-mmm-yy	Trading day (EFA)
Delivery Period	Text	Identifying the delivery period
Reference Price	Numeric, e.g.1,000.00	VWAP of all trades executed in the relevant product, or null.

For systemised volume information please use rpd_volume.csv

File Name	rpd_volume.csv
FTP Site Pathway current year	/APX Power UK/RPD
FTP Site Pathway historic years	/APX Power UK/RPD/yyyy/
Pathway Example	/APX Power UK/RPD/2008/
Published	Daily dd-mm-yyyy 22:30

Contents of the rpd_volume.csv file are as follows:

Field	Format	Description
Date	dd-mmm-yy	Trading day (EFA)
Delivery Period	Text	Identifying the delivery period
MWh	Numeric, e.g.1,000	Underlying volumes (MWh) per delivery period.

For systemised index information please use rpd_spotpeak.csv

File Name	rpd_spotpeak.csv
FTP Site Pathway current year	/APX Power UK/RPD
FTP Site Pathway historic years	/APX Power UK/RPD/yyyy/
Pathway Example	/APX Power UK/RPD/2008/
Published	Daily dd-mm-yyyy 22:30

Contents of the rpd_spotpeak.csv file are as follows:

Field	Format	Description
Date	dd-mmm-yy	Trading day (EFA)
Delivery Period	Text	Identifying the delivery period
Base Load Index	Numeric, e.g. 1,000.00	The average of the RPD prices for all 48 half hour settlement periods.
Peak Load Index	Numeric, e.g. 1,000.00	The average of the RPD prices for half hour settlement periods between 07:00 – 19:00.
Extended Peak Load Index	Numeric, e.g. 1,000.00	The average of the RPD prices for half hour settlement periods between 07:00 – 23:00
Off Peak Index	Numeric, e.g. 1,000.00	The average of the RPD prices, for the Off Peak half hour settlement periods, between 23:00 - 07:00 and 19:00 - 23:00 in the same EFA day.

2.6 Spot Settlement Charts

Spot Market Settlement Price Chart .xls File

The Spot Market Settlement Price Chart xls file provides a weekly summary of settlement values for the daily delivery periods.

File Name	Spot Market Settlement Prices DD.MM.YY – DD.MM.YY.xls
File Name Example	SPOT MARKET SETTLEMENT PRICES 11.08.08 – 17.08.08.xls
FTP Site Pathway	/APX Power UK/Settlement Spot/Spot Settlement Charts/yyyy/mm
Pathway Example	/APX Power UK/Settlement Spot/Spot Settlement Charts/2008/08/

Published	Daily dd-mm-yyyy 22:30

The Spot Market Settlement Price Chart report includes the following data - settlement prices and product codes for the following:

- Half Hours (Calendar day)
- Two Hours (EFA day)
- 4 Hours (EFA day)
- Base Load Day (EFA day)
- Peak Load Day (EFA day)
- Weekend (EFA day)

Spot Settlement .csv File

The Spot Settlement csv file summarises the settlement values for the daily delivery periods. Please note this file is only available to full members of the exchange.

File Name	SPSYYYYMMDD.csv
File Name Example	SPS20080823.csv
FTP Site Pathway	/APX Power UK/Settlement Spot/CSV versions/yyyy/mm
Pathway Example	/APX Power UK/Settlement Spot/CSV versions/2008/08/
FTP Site Pathway for systemised access	/APX Power UK/Settlement Spot/all/
Published	Daily dd-mm-yyyy 22:30

The Spot Settlement Chart csv file contains the following data:

Field	Format	Description
Instrument ID	Text	Identifying the contract type & block (see Appendix 2 for the instrument code formats)
Begin time in GMT	Date time, YYYY-MM-DD hh:mm:ss	Begin time of the first delivery period in a trade
End time in GMT	Date time, YYYY-MM-DD hh:mm:ss	End time of the last delivery period in a trade
Fixing date	yyyymmdd	The date the statistics were calculated
First Traded Price	Numeric, e.g. 1,000.00	Price of the first trade matched since last file created, or null
Last Traded Price	Numeric, e.g. 1,000.00	Last Traded price, or null
High Price	Numeric, e.g. 1,000.00	Highest traded price since last file

		created, or null
Low Price	Numeric, e.g. 1,000.00	Lowest traded price since last file created, or null
Traded Volume	Numeric, e.g. 1,000	Volume traded since last file created
Settlement Price	Numeric, e.g. 1,000.00	Settlement Price, or null
Open Interest	Numeric, e.g. 1,000	Total Volume traded since product opened
Trading Status flag	C	“C” instrument closed

Please note: Where a spot market product has not traded a settlement price is derived by market operators who set a fair market value. First, last, high and low prices will be set to zero.

2.7 Forward Settlement

Historic Forward Settlement data is available for full members only upon request. Please contact APX Group Data Services on +44 207 220 3422 in the UK, +31 20 305 4038 in the Netherlands or data@apxgroup.com.

3 APX Power UK Auction Market Data Package

The data package is made up of the following:

- UK Auction market results
- UK Auction market aggregated curves
- UK Auction market charts
- UK Auction market reports

3.1 UK Auction Results

APX Power UK Auction Results are available through two files:

The Auction Results - Yearly Historic .xls File

File Name	DAM – Historical data - YYYY.xls
FTP Site Pathway	/APX Power UK/Day-Ahead Market/Historical data/yyyy
Published	Daily dd-mm-yyyy after 11:00 (UK local time)

The UK Auction Results historic file is populated with the data for delivery from December 3rd, 2008 onwards.

The file contains two tabs, one with the most recent Auction prices and indices, the second with actual volumes for every traded hour. Contents of the historic file are as follows:

Field	Format	Description
VOLUMES/PRICES	dd-Mmm-yy	Trading day
Hour 01..Hour 25	Numeric, e.g. 1,000.0	Matching price and total volume of all trades for the particular hour
Date	dd-Mmm-yy	Trading day
BASE (23-23)	Numeric, e.g. 1,000.0	Non-weighted arithmetic average of the matching prices of each Hour instrument between 23:00 and 23:00
PEAK (07-19)	Numeric, e.g. 1,000.0	Non-weighted arithmetic average of the matching prices of each Hour instrument between 07:00 and 19:00
Off PEAK (23-07,19-23)	Numeric, e.g. 1,000.0	Non-weighted arithmetic average of the matching prices of each Hour instrument between 23:00 and 07:00 and 19:00-23:00
MAX/MIN	Numeric, e.g. 1000.00	Maximum and minimum price

The UK Auction Results Monthly Historic .txt File

File Name	DAM – Historical data - YYYYMM.txt
FTP Site Pathway	/APX Power UK/Day-Ahead Market/Historical data/yyyy
Published	Daily dd-mm-yyyy after 11:30 (UK local time)

The UK Auction Monthly historic file contains data from 03 December 2008.

The file contains two tables with volumes and prices for every traded hour and every day in a relevant month. It also sums the total volume and average price per day and comes with the indices for every day.

3.2 UK Auction Aggregated Curves

APX Power UK Auction Aggregated Curves are available via:

File Name	DAM – Aggregated curves - YYYYMMDD.zip
FTP Site Pathway	/APX Power UK/Day-Ahead Market/Aggregated curves/yyyy/mm
Published	Daily dd-mm-yyyy after 12:00 (UK local time)

The aggregated curves file contains data from 02 December 2008.

The archive contains the data for each hour traded during a specific day in Excel format:

File Name	YYYYMMDD_NN.xls
FTP Site Pathway	/APX Power UK/Day-Ahead Market/Aggregated curves/yyyy/mm/ DAM – Aggregated curves - YYYYMMDD.zip
Published	Daily dd-mm-yyyy after 12:00 (UK local time)

The breakdown of file is as follows:

Field	Format	Description
applying_date	DD/MM/YYYY	Trading day
hour	Numeric, e.g. 1	Numerical representation of traded hour
side	Letter, e.g. P	"P" – purchase | "S" – sell | "B" – block order | "L" – limit order | "X" – rejected, not matched
agg_volumes	Numeric, e.g. 1000.0	Aggregated volumes
agg_price	Numeric, e.g. 1000.00	Aggregated prices

3.3 UK Auction Charts

APX Power UK Auction Charts are available in the following file:

File Name	DAM – Charts - YYYY.xls
FTP Site Pathway	/APX Power UK/Day-Ahead Market/Charts/YYYY
Published	Daily dd-mm-yyyy after 12:30 (UK local time)

The UK Auction Chart historic file contains data from 03 December 2008 onwards.

The file contains four tabs with charts on volume comparisons, monthly volume for the particular year, monthly average price, and daily Base Load price with a moving monthly average price.

3.4 UK Auction Reports

APX Power UK Auction Reports are available weekly and monthly:

The UK Auction Monthly Report

File Name	DAM – Monthly report - YYYYMM.pdf
FTP Site Pathway	/APX Power UK/Day-Ahead Market/Monthly reports/YYYY
Published	Daily dd-mm-yyyy after 11:00 (UK local time)

The UK Auction Monthly Reports historical files are available from 03 December 2008 onwards.

The Monthly Report is supplied with underlying data as follows:

Report Name	File Name
Development Summary	DAM – Monthly report development – YYYYMM.xls
Indices Summary	DAM – Monthly report indices – YYYYMM.xls
Volume Overview – Weekly Breakdown	DAM – Monthly report weekly overview – YYYYMM.xls

The UK Auction Weekly Report

File Name	DAM – Weekly report – YYYY week NN.xls
FTP Site Pathway	/APX Power UK/Day-Ahead Market/Weekly reports/YYYY
Published	Daily dd-mm-yyyy after 11:00 (UK local time)

The Day-Ahead Market Weekly Report historical files are available from 03 December 2008 onwards.

The report provides an extensive overview on prices and developments on a weekly basis.

4 Accessing the FTP Server

The FTP server can be accessed using any FTP program (e.g. Internet Explorer, FileZilla).

The address of the server is: “ftp.apxgroup.com” or “212.72.56.160”. For web browser (e.g. Internet Explorer) access type: “ftp://ftp.apxgroup.com”.

After connecting to the server authentication is needed. Members and quote vendors (QV’s) have a personalised or company generic username and password to access the server.

Depending on the relevant permissions on the account used to log in, some of the folders are not accessible or visible.

5 Sample Files & Specification Documents

Sample files and specification documents are available from APX Group website (http://www.apxgroup.com) or can be emailed on request. Please contact APX Group Data Services on +44 207 220 3422in the UK, +31 20 305 4038 in the Netherlands or data@apxgroup.com.

6 Service Summary

FTP Summary

The table below shows the folders and reports available.

Report	Pathway	File Name	Active Support / No Active Support
Daily Market Bulletin	/APX Power UK/Daily Market Bulletin/yyyy/mm/	Daily Market Bulletin-ddmmyy.xls	AS
Monthly Market Bulletin	/APX Power UK /Monthly Market Bulletin/yyyy/	Monthly Market Bulletin mmm yyyy.xls	AS
DART	/APX Power UK /Dart/	dartfix.xls dartstats.xls	NAS

DART	/APX Power UK /Dart/DART FIX FILES/all/ Or /APX Power UK /Dart/DART FIX FILES/yyyy/mm/	yyyymmddmid.fix yyyymmddend.fix	NAS
High Low Report	/APX Power UK /High Low Report/yyyy/	HiLoReport_mmm_yyyy.xls	AS
Reference Price Data (4H 2H HH and HH ONLY)	/APX Power UK /RPD/	Reference Price Data HH 2H 4HB yyyy.xls Reference Price Data HH ONLY yyyy.xls rpd_rpd.csv rpd_spotpeak.csv rpd_volume.csv HH_ONLY_rpd.csv HH_ONLY_spotpeak.cvs HH_ONLY_volume.csv	AS
Spot Market Settlement prices daily csv file	/APX Power UK /Settlement Spot/CSV versions/yyyy/mm/ Or /APX Power UK/Settlement Spot/all/	SPSyyyymmdd.csv	AS
Spot Market Settlement prices weekly .xls file	/APX Power UK /Settlement Spot/Spot Settlement Charts/yyyy/mm/	SPOT MARKET SETTLEMENT PRICES dd.mm.yy -dd.mm.yy.xls	AS
Day-Ahead Market Results – yearly historic .xls file	/APX Power UK /Day-Ahead Market/Historical data/yyyy	DAM – Historical data – YYYY.xls	AS
Day-Ahead Market Results – monthly historic .txt file	/APX Power UK /Day-Ahead Market/Historical data/yyyy	DAM – Historical data – YYYYMM.txt	AS
Day-Ahead Market Aggregated Curves	/APX Power UK/Day-Ahead Market/Aggregated curves/YYYY/MM	DAM – Aggregated curves – YYYYMMDD.zip	AS
Day-Ahead Market Charts	/APX Power UK/Day-Ahead Market/Charts/YYYY	DAM – Charts – YYYY.xls	AS
Day-Ahead Market Monthly Report	/APX Power UK/Day-Ahead Market/Monthly reports/YYYY	DAM – Monthly reports – YYYYMM.pdf	AS
Day-Ahead Market Weekly Report	/APX Power UK/Day-Ahead Market/Weekly reports/YYYY	DAM – Weekly report – YYYY week NN.xls	AS

Product Codes

CONTINUOUS MARKET PRODUCT CODING METHODOLOGY

Product Type	Product Code Prefix (Fixed)	Product Code Suffix (Variable)	Example
Half hour	HH	YYMMDD-NN	HH080322-35
1 hour block	1H	YYMMDD-NN	1H120111-05

2 hour block	2H	YYMMDD-NL	2H080322-5B
4 hour block	4H	YYMMDD-N	4H080322-6
Overnight	1+2-	DDD-DDMMMYY	1+2-THU-23MAR08
Block 3+4	3+4-	DDD-DDMMMYY	3+4-THU-23MAR08
Peak	PK-	DDD-DDMMMYY	PK-THU-23MAR08
Off peak	OFFPK-	DDD-DDMMMYY	OFFPK-THU-23MAR08
Extended peak	EXTPK-	DDD-DDMMMYY	EXTPK-THU-23MAR08
Base	BL-	DDD-DDMMMYY	BL-THU-23MAR08
Weekend 5	WE-BK5-	DDMMMYY	WE-BK5-25MAR08
Weekend 6	WE-BK6-	DDMMMYY	WE-BK6-25MAR08
Weekend overnight	WE-1+2-	DDMMMYY	WE-1+2-25MAR08
Weekend 3+4	WE-3+4-	DDMMMYY	WE-3+4-25MAR08
Weekend peak	WE-PK-	DDMMMYY	WE-PK-25MAR08
Weekend extended peak	WE-EXTPK-	DDMMMYY	WE-EXTPK-25MAR08
Weekend base	WE-BL-	DDMMMYY	WE-BL-25MAR08
Peak week	PEAK-WK	WW-YY	PEAK-WK13-08
Base week	BSLD-WK	WW-YY	BSLD-WK13-08

DAY-AHEAD MARKET PRODUCT CODING METHODOLOGY

Product Type	Product Code Prefix (Fixed)	Product Code Suffix (Variable)	Example
1 hour	1H	YYMMDD-NN	1H080322-12

VARIABLES

Suffix Variable	Definition	Range
DD	Day of month (two digits)	01 to 31
DDD	Day of week (three letters)	Mon to Sun
MM	Month of year (two digits)	01 to 12
MMM	Month of year (three letters)	Jan to Dec
N	4 hour block period (one digit)	1 to 6
NL	2 hour block period (one digit, one letter)	1a to 6b
NN	Half hour or Hour period (two digits)	01 to 50
WW	Week of year (two digits)	01 to 53
YY	Year (two digits)	00 to 99

Opening Times – Continuous Market

All product types open for trading on a ('one on, one off') rolling product basis. The number of rolling products is constant. For example, there are 12 rolling 4 Hour Block products open for trading at all times, thus any given 4 Hour Block product is open for two calendar days before it closes.

For more detailed information on instrument closure time, gate closure time and delivery start time see Appendix I at the end of this guide.

Opening Times – UK Auction

The instruments in the APX UK Power Auction are open for entry of order submission 14 days before delivery (D-14). The deadline for submitting orders is 11:00 UK local time on the day before delivery (D-1) and is referred to as the Market Closure.

Clock Change Numbering – Continuous Market

Numbering of Half Hour products follows the convention in the Balancing and Settlement Code. On the short clock-change day, the products are numbered 01 to 46; on the long-clock change day, 01 to 50.

All other products spanning the March or October clock change are one hour shorter or longer than normal respectively. No other product numbers are affected.

Clock Change Numbering – UK Auction

For the short clock change day, Hour 00 commences at 00:00 and runs until 02:00. Begin and end times of all other instruments remain the same.

For the long clock change day, Hour 01 commences 01:00 and runs until 01:00, Hour 01X commences 01:00 and runs until 02:00. Begin and end times of all other instruments remain the same.

For further information please consult APX UK Power Auction Market Guide.

Effective Dates - Continuous Market

APX Power UK Continuous Market trades on a 24-hour basis and each trading day commences at 23:00 on the previous calendar day and ends at 23.00 on the relevant trading day. For example, a Base Load contract for the 20th January commences at 23:00 on 19th January and runs until 23:00 on the 20th January. A 4 Hour Block 1 contract for 16th June runs from 23:00 on 15th June to 03:00 on 16th June.

Effective Dates – UK Auction

APX Power UK Day-Ahead Market trades on a 24-hour basis and each trading day commences at 23.00 on the previous calendar day and ends at 23:00 on the relevant trading day. For example, for 1 Hour contracts, Period 1 commences at 23:00 on the 19th of January and Period 24 runs until 23:00 on the 20th of January.

7 Technical Assistance

For technical assistance contact APX Group Data Services on +44 207 220 3422 in the UK, +31 20 305 4038 in the Netherlands or data@apxgroup.com.

8 APX Power UK Contact Details

Contact Person	Contactable Hours	Telephone Number	Email
Market Data Services	Business Hours	+44 (0)20 7220 3422	data@apxgroup.com
UK Operations	24/7 Helpdesk	+44 (0)115 921 7400	ukoperations@apxgroup.com

Appendix I

Continuous market instrument and gate closure time, and delivery start time

Instrument Code	Instrument Closure Time	Gate Closure Time	Delivery Start Time
HH-01 (Half Hour Block ↓)	22:45	23:00	00:00
HH-02	23:15	23:30	00:30
HH-03	23:45	00:00	01:00
HH-04	00:15	00:30	01:30
HH-05	00:45	01:00	02:00
HH-06	01:15	01:30	02:30
HH-07	01:45	02:00	03:00
HH-08	02:15	02:30	03:30
HH-09	02:45	03:00	04:00
HH-10	03:15	03:30	04:30
HH-11	03:45	04:00	05:00
HH-12	04:15	04:30	05:30
HH-13	04:45	05:00	06:00
HH-14	05:15	05:30	06:30
HH-15	05:45	06:00	07:00
HH-16	06:15	06:30	07:30
HH-17	06:45	07:00	08:00
HH-18	07:15	07:30	08:30
HH-19	07:45	08:00	09:00
HH-20	08:15	08:30	09:30
HH-21	08:45	09:00	10:00
HH-22	09:15	09:30	10:30
HH-23	09:45	10:00	11:00
HH-24	10:15	10:30	11:30
HH-25	10:45	11:00	12:00
HH-26	11:15	11:30	12:30
HH-27	11:45	12:00	13:00
HH-28	12:15	12:30	13:30
HH-29	12:45	13:00	14:00
HH-30	13:15	13:30	14:30
HH-31	13:45	14:00	15:00
HH-32	14:15	14:30	15:30

HH-33	14:45	15:00	16:00
HH-34	15:15	15:30	16:30
HH-35	15:45	16:00	17:00
HH-36	16:15	16:30	17:30
HH-37	16:45	17:00	18:00
HH-38	17:15	17:30	18:30
HH-39	17:45	18:00	19:00
HH-40	18:15	18:30	19:30
HH-41	18:45	19:00	20:00
HH-42	19:15	19:30	20:30
HH-43	19:45	20:00	21:00
HH-44	20:15	20:30	21:30
HH-45	20:45	21:00	22:00
HH-46	21:15	21:30	22:30
HH-47	21:45	22:00	23:00
HH-48	22:15	22:30	23:30
1H-00 (1 Hour Block ↓)	22:44	23:00	00:00
1H-01	23:44	00:00	01:00
1H-02	00:44	01:00	02:00
1H-03	01:44	02:00	03:00
1H-04	02:44	03:00	04:00
1H-05	03:44	04:00	05:00
1H-06	04:44	05:00	06:00
1H-07	05:44	06:00	07:00
1H-08	06:44	07:00	08:00
1H-09	07:44	08:00	09:00
1H-10	08:44	09:00	10:00
1H-11	09:44	10:00	11:00
1H-12	10:44	11:00	12:00
1H-13	11:44	12:00	13:00
1H-14	12:44	13:00	14:00
1H-15	13:44	14:00	15:00
1H-16	14:44	15:00	16:00
1H-17	15:44	16:00	17:00
1H-18	16:44	17:00	18:00
1H-19	17:44	18:00	19:00
1H-20	18:44	19:00	20:00
1H-21	19:44	20:00	21:00
1H-22	20:44	21:00	22:00

1H-23	21:44	22:00	23:00
1A (2 Hour Block ↓)	21:43	22:00	23:00
1B	23:43	00:00	01:00
2A	01:43	02:00	03:00
2B	03:43	04:00	05:00
3A	05:43	06:00	07:00
3B	07:43	08:00	09:00
4A	09:43	10:00	11:00
4B	11:43	12:00	13:00
5A	13:43	14:00	15:00
5B	15:43	16:00	17:00
6A	17:43	18:00	19:00
6B	19:43	20:00	21:00
1 (4 Hour Block ↓)	21:41	22:00	23:00
2	01:41	02:00	03:00
3	05:41	06:00	07:00
4	09:41	10:00	11:00
5	13:11	14:00	15:00
6	17:11	18:00	19:00
1 and 2 (Overnight ↓)	21:45	22:00	23:00
3 and 4	05:45	06:00	07:00
Off Peak (Indices ↓)	21:45	22:00	23:00
Peak	05:45	06:00	07:00
Extended Peak	05:45	06:00	07:00
Base	21:45	22:00	23:00
WE-1&2 (Weekend ↓)	21:45	22:00	23:00
WE-3&4	05:45	06:00	07:00
WE-PK	05:45	06:00	07:00
WE-EXTPK	05:45	06:00	07:00
WE-BL	21:45	22:00	23:00