



**Redlined Estimation of Annual Consumption (EAC/AA) System User Requirements
Specification text for P369 'National Grid Legal Separation changes to BSC'**

This Modification proposes changes to Appendix A. We have redlined these changes against Version 12.0.

There is no impact on any other part of this document for this Modification.

Amend Appendix A as follows:

APPENDIX A DEFINITION OF TERMS

A.3 Glossary

Term	Definition	Units
Annual Fraction of Yearly Consumption (AFYC)	The estimated fraction of consumption for Metering Systems in a Profile Class and Standard Settlement Configuration which belong to a particular Measurement Requirement.	
Annualised Advance (AA)	For a meter advance period, the EAC that, when profiled, will produce a total consumption equal to the meter advance	
Consumption	The use of electricity	kWh
Customer	A user of electricity who, after 1 st April 1998, elect to buy their electricity from any supplier	
Daily Profile Coefficient (DPC)	A value which, when applied to an annualised advance value (EAC or AA), supplies an estimate of consumption for a Settlement Day. Equal to the sum of the corresponding Period Profile Coefficients for a Settlement Day.	
Data Aggregator	See Half Hour Data Aggregator and Non Half Hour Data Aggregator. Where no distinction is made in this document, Non Half Hour Data Aggregator can be assumed.	
Data Collector	See Half Hour Data Collector and Non Half Hour Data Collector. Where no distinction is made in this document, Non Half Hour Data Collector can be assumed.	
Deemed Meter Advance	See Appendix B - Data Catalogue.	
Deemed Meter Reading	A meter reading based on existing meter readings and the Deemed Meter Advance	
Distributor	The part of a PES responsible for the distribution of electricity from the National Grid Transmission System to all the customers within the PES area	
Economy 7	A standard tariff supported in all PES areas	
Estimate of Annual Consumption (EAC)	For each metering system, a temperature normalised estimate of consumption over a calendar year	kWh
Extended Settlement System	The existing settlements system and the ISR settlement and reconciliation systems	

Term	Definition	Units
Final Initial Settlements Run	The run of the settlements process upon which payments are made to Generators via the Pool Funds Administrator.	
Fraction of Yearly Consumption	The fraction of annual consumption allocated to a meter advance period.	
Grid Supply Point (GSP)	A point where supply flows from the National Grid Transmission System –into a PESs distribution network	
GSP group	A distinct electrical system, consisting of all or part of a distribution system (owned and operated by a Distributor) that is supplied from one or more Grid Supply Points for which total supply into the GSP Group can be determined for each half hour. (OF410)	
GSPGPC Default EAC	A GSP Group Profile Class EAC used in the calculation of a default EAC in order to replace a negative EAC.	
GSP Group Profile Class Tolerance	An agreed set of upper and lower limits incorporated within the EAC/AA software against which calculated Annualised Advances are compared, in order to check their validity.	
Half Hour Data Aggregator	An organisation accredited by the Pool Accreditation Body to aggregate readings for half hourly meters	
Half Hour Data Collector	An organisation accredited by the Pool Accreditation Body to carry out Data Retrieval and Data Processing for half hourly metering data.	
Host PES	For a GSP group, the PES who is the distributor for the group	
Host PES Registration System	The metering system registration system operated by the Host PES. Stores all metering system registrations for all meters within the PES area	
Initial Settlement & Reconciliation Agency (ISRA) system	The ISR system containing the Daily Profile Processor and the Supplier Settlement and Reconciliation sub-systems of ISR	
Initial Settlement Run	The first run of the entire settlements system	
ISR Agent	The operator of the ISRA system for one or more GSP Groups	

Term	Definition	Units
Market Domain Data	Market Domain Data is data which defines the environment (Domain) of the 1998 Trading Arrangements. This comprises the parties which trade, the networks, configurations and parameters on which trading is based, as defined in Market Domain Data Management - Data Requirement Specification (Reference 16).	
Market Domain Data Agent	The Market Domain Data Agent provides a central point of co-ordination across the 1998 Trading Arrangements. It is responsible for the maintenance and distribution of Market Domain Data.	
Measurement Requirement	See Entity Descriptions in section 7.3	
Meter Advance	The difference between two meter readings	
Meter Advance Period	The period between successive meter readings	
Meter Reading	The numbers shown on the physical meter, which may be read manually or electronically. There will be one meter reading per Settlement Register	
Metering System	See Entity Descriptions in section 7.3	
Non Half Hour Data Aggregator	An organisation accredited by the Pool Accreditation Body to aggregate EACs and AAs for non half hourly meters and those unmetered supplies that are treated as non half hourly meters for the purpose of settlement.	
Non Half Hour Data Collector	An organisation accredited by the Pool Accreditation Body to carry out Data Retrieval and Data Processing for non half hourly metering data.	
Period Profile Coefficient (PC)	A value which, when applied to an annualised advance value (EAC or AA), supplies an estimate of consumption for a Settlement Period	
PES Registration System	See Host PES Registration System	
Profile	A pattern of consumption of electricity, by half hour, across a year	
Profile Class	A group of Customers whose consumption can be reasonably approximated to a common profile for Settlement purposes.	
Profile Coefficient (PC)	See Daily Profile Coefficient and Period Profile Coefficient. Where no distinction is made in this document, Daily Profile Coefficient can be assumed.	

Term	Definition	Units
Reconciliation	A payment between suppliers for a difference in the deemed supplier purchases caused by a re-run of the settlements calculations for a settlement day	
Reconciliation Timetable	See Settlement timetable	
Regression Equation	An equation which when evaluated, using GSP Group and Settlement Date specific parameters, produces a Period Profile Coefficient	
Settlement Day /Date	See Settlement Date in Appendix B - Data Catalogue	
Settlement Register	See Entity Descriptions in section 7.3	
Settlement Run	A full run of the SSA Settlement system and the ISR Settlement system for all GSP Groups, within the 28 day settlement timescale	
Settlement Timetable	The published timetable of Settlement and reconciliation run dates, payment dates and notification of payment dates	
Settlements System Administrator (SSA)	The Pool agent who develops and operates the existing settlement systems	
Smoothing Parameter	The value of the Smoothing Parameter (which must always be positive) determines how much weight is given to the latest meter reading and how much is given to previous history. If the meter reading covers more than $1/v$ of the annual consumption, the new EAC_m equals AA_m , the Annualised Advance for the latest meter reading.	
Standard Settlement Configuration	See Entity Descriptions in section 7.3	
Sunset Variable	Used by ISRA in profile processing. The number of minutes after 18.00 GMT at which sunset occurs. It will be negative if sunset is before 18.00 GMT	minutes
Supplier	A company which sells electricity to customers.	
Time of Sunset	See sunset variable	
Time Pattern Regime	See Entity Descriptions in section 7.3	
Trading Day / Date	See Settlement Day / Date	
Unmetered supply	A supply of electricity which is not metered. Examples are street furniture, such as lighting	