The Consumer Consent Solution

Glossary

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Acronym	Term	Definition
ATP	Authorised Third Party	Authorised Third Parties can use customer data to provide innovative products and services that save customers time and/or money.
BAU	Business as Usual	Standard operations post completion of the Consumer Consent Project.
BSC	Balancing and Settlement Code	A multi-party legal and regulatory framework that defines the rules and governance for the balancing mechanism and imbalance settlement processes for electricity in Great Britain.
CSS	Central Switching Service	A service that enables faster, more reliable switching of energy suppliers for consumers. The service comprises an Address Management Service to support the accurate definition of consumer addresses and a Registration Service to support the change of energy supplier registration.
	Consent Data Schema	Defines the data fields and structure used to record, store, and share information about a consumer's consent in a consistent way.
	Consultation	The process of seeking feedback and input from stakeholders.
	Consumer Consent	Consent freely given, specific, informed, and unambiguous that indicates the consumer's wishes for their data to be accessed and/or shared in accordance with Data Protection Legislation (including the Data Protection Act 2018 and UK GDPR).
	Consumer Consent Governance Framework	The rules that underpin the operation of the Consumer Consent Trust Framework, including funding, change control, assurance, and access management.
	Consumer Consent Project	Set up to create the Consumer Consent Solution and other related activities, with the goal of enabling consumers to grant consent consistently for their energy data to be shared with authorized third parties.
	Consumer Consent Service Providers	The organisations procured by RECCo to deliver the Consumer Consent Solution.

CCS	Consumer Consent Solution	The solution that will allow the Consumer Consent Trust Framework rules and standards to be implemented and for data sharing to take place between parties when consent is granted by a consumer.
	Consumer Consent Trust Framework	A framework of rules, roles, and standards designed to validate the presence of valid consumer consent. This enables data providers to have assurance that consent has been granted before releasing energy data to data users.
CCWG	Consumer Consent Working Groups	Working groups set up with Ofgem, Recco, and industry participants to discuss the Consumer Consent Solution and gain feedback on key decisions, plans, and design.
CEG	Consumer Experience Guidelines	The minimum standards and expectations for how consumer interactions should be designed and delivered, to ensure clarity, accessibility, consistency, and trust across services and channels.
	Consumer Journeys	A step-by-step view of the experience the consumer will have when interacting with the Consumer Consent Trust Framework.
	Consumer Organisations	Organisations that represent and advocate for consumer interests in the energy sector.
	Cyber Essentials Plus	A cyber security certification that provides independent assurance that an organisation has implemented effective technical controls to protect against common cyber threats, based on a hands-on assessment of systems and processes.
DUAA	Data (Use & Access) Act 2025	Wide-ranging legislation designed to modernise and regulate access to customer and business data across the UK economy.
	Data Best Practice	Guidelines and standards for managing and using data responsibly and effectively.
DCC	Data Communications Company	Manages the smart meter communications infrastructure that supports Smart Meters.
DIP	Data Integration Platform	The system, defined within the Balancing and Settlement Code, used to support event drive communication between electricity market participants.
	Data Sharing	The practice of making data available to other parties for analysis or operational use.

DSA	Data Sharing Arrangement	An agreement between two or more parties that outlines the terms, conditions, and procedures for the exchange of data, including the type of data to be shared and the purposes for which the data will be used.
DSI	Data Sharing Infrastructure	The technical and governance systems that enable secure, standardised, and permissioned exchange of energy data between different parties.
DoA	Delegation of Authority	A formal way of assigning decision-making power or responsibilities to another person or organisation for a period of time.
DESNZ	Department for Energy Security and Net Zero	A UK government department responsible for UK energy security, protecting billpayers, and reaching net zero.
	Digital Ecosystem	A network of interconnected digital technologies and stakeholders.
	Digitalisation	The use of digital technologies to change business models and provide new revenue and value-producing opportunities.
DNO	Distribution Network Operator	Licensed companies that own and operate the network that distributes electricity to homes and businesses in Great Britain.
	Elexon	A company overseeing the strategic operation and day-to-day management of the Balancing and Settlement Code.
EDP	Energy Data Provider	Any organisation accredited under the Consumer Consent Trust Framework to provide data to ATPs.
	Energy Data Schema	A defined structure, format, and meaning of energy-related data items to support consistent data sharing, interpretation, and interoperability between organisations and systems.
EMDS	Energy Market Data Specification	Defines the market messages and associated data items that are sent between energy market participants, it contains a catalogue of all messages and data items governed under a number of energy industry codes.
	Energy Supplier	A company licensed by Ofgem to sell gas and/or electricity to consumers.
FAPI	Financial-grade API	An open security standard that defines enhanced authentication and authorisation requirements for APIs, designed to protect sensitive data and support secure, trusted data sharing.

FMAR	Flexibility Market Asset Register	A centralised register of flexible energy assets such as batteries, electric vehicles, demand-side response (DSR) sites, or smart appliances, which can provide flexibility services to the electricity grid.
	Functional Prototype	A working version of the technical solution that shows the core functionality and flow but isn't yet production ready.
	Gas Transporter	A licensed entity that conveys gas through pipes to any premises within an area authorised by the licence, or to another pipeline system operated by another gas transporter.
GDPR	General Data Protection Regulation	The UK's data protection law that governs how personal data is processed within the UK.
IDV	Identity Verification	A check performed to confirm a consumer is who they claim to be and verify they are the appropriate person to share energy data.
	Industry Code Bodies	Organisations responsible for administering and supporting the day-to-day operation of the energy market codes.
ICO	Information Commissioner's Office	The UK's independent authority responsible for upholding information rights, including the regulation and enforcement of data protection and privacy legislation.
	Infrastructure	The fundamental systems and services that support the operation of energy and digital services.
	Innovators	Entities introducing new technologies or business models in the energy sector.
	Interoperability	The ability of different systems, platforms, or organisations to work together and exchange information effectively.
	ISO 27001	A management standard that defines how to run an Information Security Management System (ISMS) and protect sensitive information.
	ISO 27002	The guidelines for implementing controls within an ISO 27001 framework.
	Market Entrants	Any organisation or party that's newly entering the market to participate in energy-related activities such as generation, supply, distribution, metering, or related services.
MHHS	Market-wide Half Hourly Settlements	An electricity, industry programme seeking to introduce half-hourly settlements for all UK metering points. It will implement a new Target Operating Model for the electricity market, where settlement is bought

		and reconciled on a half-hourly basis. This provides the capability to input defined half-hourly recorded energy for all metered points where remote retrieval is available, and to use new estimations (load-shapes) when not. Its introduction should increase the speed and volume of half-hourly data available, providing a richer picture of usage and timings. In turn, this should help enable a more flexible electricity system.
MPAN	Meter Point Administration Number	A unique number that identifies the electricity metering point at a specific address in the UK. It's essential for managing energy switching, metering, and billing.
MPRN	Meter Point Reference Number	A unique identifier assigned to each gas supply point in Great Britain. It identifies the specific location where gas is delivered and is used to manage gas supply, billing, and switching.
MPxN	Meter Point X Number	The collective description of the MPAN and MPRN when used together.
MMP	Minimum Marketable Product	The smallest version of working product that's complete enough to be marketed and distributed to deliver real value to consumers.
MVP	Minimum Viable Product	The version of a working product that includes just enough core features to be users by early adopters to gather feedback for future development.
mTLS	Mutual Transport Layer Security	A security method that requires both systems in a connection to verify each other's identity using digital certificates before data is exchanged.
	Network Party	Either an Electricity Distribution Network Operator (DNO) or a Gas Transporter.
	OAuth 2.0	An open standard for access delegation commonly used for token-based authentication.
Ofgem	Office of Gas and Electricity Markets	The regulator for Great Britain's gas and electricity industries, overseen by the Gas and Electricity Markets Authority.
	Open Banking	A model referenced for Trust Frameworks and user experience.
	Optimisers	An individual, service, or technology platform that helps businesses or households reduce energy costs and improve energy efficiency, often by actively managing when, how, and from where energy is used.

	Platform	A digital environment that facilitates the delivery and integration of services.
PSR	Priority Services Register	The register held by Energy Suppliers and Distribution Network Operators (DNOs) to identify consumers who need priority support in an emergency.
POC	Proof of Concept	A demonstration that verifies certain concepts or theories have the potential for real-world application.
REC	Retail Energy Code	A multi-party legal and regulatory framework that defines the rules and governance for operational process required to support the gas and electricity retail energy market in Great Britain.
RECCo	Retail Energy Code Company	The company established under Clause 5 of the Retail Energy Code (REC), responsible for strategic operation and day-to-day management of the REC.
	SEC Other Users	An organisation authorised under the Smart Energy Code (SEC) to access the smart metering infrastructure, but is not a traditional energy supplier, network operator, or meter asset provider.
	Smart Data	The secure sharing of a customer's data, upon their request, with Authorised Third Parties.
SDR	Smart Data Repository	A data repository being developed by Elexon under the Balancing and Settlement Code (BSC) that will enable efficient and non-discriminatory access by third parties to half-hourly consumption data.
SEC	Smart Energy Code	A multi-party legal and regulatory framework that governs the operation, security, and access to the smart metering system in Great Britain. It ensures all parties interacting with smart meters do so in a consistent, secure, and interoperable way.
SSES	Smart Security Electricity System	A programme designed to create the technical and regulatory frameworks to enable the untapped flexibility from small scale devices, such as domestic electric vehicle charge points and heat pumps. It should contribute to electricity system decarbonisation in a way that protects consumers and the electricity system.
TPI	Third Party Intermediary	A broker or introducer acting between consumers and energy suppliers, including price comparison websites.
	Third Party Service Providers	Companies that offer services to support energy market operations.

	Token	A digital credential or piece of information used to securely represent identity, access rights, or verified attributes when sharing data or services between accredited parties.
	Trade Associations	Groups formed by businesses in the energy sector to promote common interests.
	Trust Framework	A set of rules and standards that establish trust in digital interactions.
	Vulnerable Customers	A domestic customer who, due to their personal characteristics or circumstance, or otherwise being in a vulnerable situation, may require priority services or additional support. Context, personal characteristics, or circumstances include: (a) the domestic consumer being of pensionable age; or (b) the domestic consumer being chronically sick, or having an impairment, disability, long-term medical condition (including visual, auditory, literacy, or mobility impairment), or severe financial insecurity (such that they are unable to safeguard their personal welfare or the personal welfare of other members of the household).
	Webhook	An automated, event-driven mechanism that allows one system to send real-time data or notifications to another system via an HTTP(S) request.
	Xoserve	The central data service provider for Great Britain's gas market. Its central register holds information on all premises with a gas supply, helping to recognise which companies are responsible for gas entering and leaving the network.