RETAIL ENERGY CODE

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NON - CONFIDENTIAL CONSOLIDATED IMPACT ASSESSMENT RESPONSES

R0179 - PROPOSAL FOR LIMITING QUERIES IN EES API CALLS (SINGLE QUERY PER API CALL)

On 25 April 2025 the Code Manager issued an impact assessment to industry to seek feedback on the proposed solution for r0179.

The purpose of this document is to consolidate the responses and for the Code Manager to answer any questions raised within those responses.

DOCUMENT VERSION	1.0
RESPONSE TYPE	NON-CONFIDENTIAL
DATE ISSUED	25/04/2025
RESPONSIBLE COMMITTEE	Technical Expert Panel
LEAD ANALYST	Holly Law
TECHNICAL ANALYST (SOLUTION LEAD)	Maxime Van Eyseren

DATE IMPACT ASSESSMENT ISSUED	25/04/2025
RESPONSE DEADLINE	19/05/2025

Question 1:	Do you have any comments on the proposed solution? If so, please provide details.	
RESPONDENT DETAILS	**RESPONSE**	**CODE MANAGER COMMENTS**
SSE Energy Supply Ltd (Energy Supplier)	As SSE only send 1:1 API queries, SSE fully support the proposed solution.	Noted, thank you

Question 2:	Do you agree with the proposed solution addresses the problem statement? If not, please provide details.	
RESPONDENT DETAILS	**RESPONSE**	**CODE MANAGER COMMENTS**
OVO Energy (Energy Supplier)	Yes, this will improve the latency performance however this could affect user performance in other areas.	Moving to a one-to-one relationship does not restrict the number of API calls a user is able to make but instead clarifies the method of the call. The shift to 1:1 querying is designed to: • Reduce response times by eliminating the overhead caused by large bulk requests.

		• Improve reliability by preventing system slowdowns or timeouts during peak usage. • Enhance user experience through more predictable and consistent API performance.
SSE Energy Supply Ltd (Energy Supplier)	The solution addresses the absence of a limit of queries per API message.	Noted, thank you.

Question 3:	Would implementing the proposed solution incur any costs to your business? If so, please provide details breaking down design/build/test costs and on-going costs. If preferable, please indicate which of the below ranges your costs may fall: a) Nil; b) Up to £9,999; c) Between £10,000 and £49,999; d) Between £50,000 and £99,999; or e) More than £100,000	
RESPONDENT DETAILS	**RESPONSE**	**CODE MANAGER COMMENTS**
OVO Energy (Energy Supplier)	There will be a small, limited impact to the business to implement the proposed solution	Noted, thank you
SSE Energy Supply Ltd (Energy Supplier)	A) Nil	Noted, thank you

Question 4:	Do you foresee any technical challenges or integration issues with your current systems should the solution be implemented? Will you require system development to adhere to the 1:1 query to API call requirements? If so, is there a specific lead time which would be required?	
RESPONDENT DETAILS	**RESPONSE**	**CODE MANAGER COMMENTS**
OVO Energy (Energy Supplier)	We will need to implement additional workarounds to cope with the limited queries however no system development is required.	As we understand the change, users should be able to amend their API scripts to support a 1:1 relationship without the need for additional manual work, we would like to reach out to you to discuss this further to ensure this is the case.
SSE Energy Supply Ltd (Energy Supplier)	SSE only send 1:1 API queries so no changes are required.	Noted, thank you

Question 5:	Do you identify any benefits to your business (e.g. FTE savings or improved timescales for processing messages) through the implementation of this functionality? If so, please provide details.	
RESPONDENT DETAILS	**RESPONSE**	**CODE MANAGER COMMENTS**
SSE Energy Supply Ltd (Energy Supplier)	As mentioned in the problem statement any improvement in switching timescales would be of benefit to us.	Noted, thank you

Question 6:	Do you believe there are any risks or issues relating to the proposed solution?	
RESPONDENT DETAILS	**RESPONSE**	**CODE MANAGER COMMENTS**
OVO Energy (Energy Supplier)	Consideration needs to be made for parties who need to adapt business processes to implement this solution. We believe there is a risk to data cleansing.	Thanks for the feedback. It's important to note that this change does not impose a limit on the number of API calls that can be made. While it may result in a higher volume of individual calls for certain tasks, these activities can still be fully supported using the API's intended functionality. We're confident that, with appropriate adjustments—such as scheduling and automation—data cleansing processes can continue effectively within the new model.
SSE Energy Supply Ltd (Energy Supplier)	No	Noted, thank you

Question 7:	Do you have any other comments relating to this Change Proposal?	
RESPONDENT DETAILS	**RESPONSE**	**CODE MANAGER COMMENTS**
OVO Energy (Energy Supplier)	We do not have any issues with restricting the level of queries per API call however a reduction from 1000 queries to a single query per API call is overly restrictive. We recommend restricting bulk API queries during busy periods.	There is currently no limit to the number of queries per API call, moving to a one-to-one relationship does not restrict the number of

		API calls a user is able to make but instead clarifies the method of the call.
SSE Energy Supply Ltd (Energy Supplier)	No	Noted, thank you