RETAIL ENERGY CODE

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CHANGE PROPOSAL EXTENSION TO PLAN

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

DOCUMENT VERSION	V1.0
PROPOSED IMPLEMENTATION DATE	7 NOV 2025
IMPLEMENTATION APPROACH	BIG BANG

RESPONSIBLE COMMITTEE	Change Panel	**CHANGE PATH**	Self-Governance
PRIORITY STATUS	Low	**URGENCY**	Standard
IMPACTED STAKEHOLDERS	EES Service Provider, EES Users		

LEAD ANALYST	TECHNICAL LEAD (SOLUTION LEAD)	SUBJECT MATTER EXPERT
HOLLY LAW	MAXIME VAN EYSEREN	GLENN SHEERN
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OVERVIEW

This issue has been raised proposing to establish a limit on the number of queries permitted within a single Application Programming Interface (API) call. APIs are designed to be used for small amounts of data often, rather than infrequently for large volumes of data. APIs are typically used synchronously within a business process, rather than asynchronously.

As there is potential for the occurrence of performance degradation and system instability when a large number of queries are made in a single API call to the Electricity Enquiry Services (EES) API, the aim would be to prevent overwhelming the system and ensuring consistent response times and reliability.

This proposal originally suggested implementing a limit of 1000 queries per single API call, however after conversations with the EES Service Provider, the proposal is now to implement a limit of one query per single API call. This adjustment is intended to enhance the Enquiry Service's capacity to consistently meet user demands without impacting its operations.

CHANGE PLAN UPDATE

Milestone	Activity	From	To	From	To
Definition		1 March 25	31 Mar 25	**Complete**	**Complete**
	Solution Development	Complete	Complete	Complete	Complete
	Impact Assessment	Complete	Complete	Complete	Complete
	Business Case Assessment	Complete	Complete	Complete	Complete
Change Proposal		30 May 25	14 July 25	**30 May 25**	**18 Aug 25**
	Consultation	Complete	Complete	Complete	Complete
	Solution Refinement	July	July	July	July
	Final Determination	July	July	August	August
Voting		15 July 25	15 July 25	**19 Aug 25**	**19 Aug 25**
		16 July 25	30 July 25	**20 Aug 25**	**2 Sept 25**

The Code Manager received contrasting feedback from Parties through the consultation process. As a result, we require additional time to refine the proposed solution and consider and evaluate alternative approaches to ensure we arrive at the most appropriate outcome.

COMMITTEE ACTION

Committee Members are invited to take the following actions:

- **REVIEW** the extension to plan for R0179; and
- **APPROVE** the extension to plan for R0179.