



31 January 2023

Attachment 8.12: Demand forecast volumes and customer numbers

Ausgrid's 2024-29 Regulatory Proposal

Empowering communities for a resilient,
affordable and net-zero future.



2024/25 Financial year tariff and tariff component volumes

Segment	Tariff code	Tariff name	NAC	Energy GWh				Capacity MVA MW	Peak demand MW	Export charge GWh	Export reward GWh	
				Non-TOU	Time of use (TOU)		Total energy					
					Peak	Off-peak						
Residential	EA010	Residential flat	820,321	3,388			3,388					
	EA025	Residential TOU	399,890		559	1,760	2,319					
	EA111	Residential demand (introductory)	28,532		34	83	117		119			
	EA116	Residential demand	357,498		422	1,254	1,675		1,415			
	Total		1,606,241	3,388	1,015	3,097	7,499	0	1,534	0	0	
Controlled load	EA030	Controlled load 1	310,645	627			627					
	EA040	Controlled load 2	141,800	311			311					
	Total		452,445	938	0	0	938	0	0	0	0	
Non-residential	EA050	Small business flat	54,420	362			362					
	EA225	Small business TOU	72,527		133	802	936					
	EA251	Small business demand (introductory)	1,704		2	10	11		8			
	EA256	Small business demand	28,535		85	530	614		265			
	EA302	LV 60-160 MWh (system)	14,919		202	1,293	1,495	573				
	EA305	LV 160-750 MWh (system)	7,340		344	2,153	2,496	896				
	EA310	LV >750 MWh (system)	2,734		522	3,407	3,929	1,055				
	EA314	LV 160-750 MWh (embedded network)	359		19	114	133	40				
	EA315	LV >750 MWh (embedded network)	286		64	360	424	112				
	EA340	HV storage (import)	0		0	0	0	0				
	EA341	HV storage (export)	0		0	0	0	0				
	EA365	HV connection (embedded network)	29		20	130	150	36				
	EA370	HV connection (system)	291		141	1,054	1,195	307				
	EA380	ST storage (import)	0		0	0	0	0				
	EA382	ST storage (export)	0		0	0	0	0				
	EA390	ST connection	77		93	669	762	243				
	EA401	Public lighting	0	82			82					
	EA402	Constant unmetered	0	51			51					
	EA403	Energy light	0	3			3					
	EA962	LV storage (import)	19									
	EA963	LV storage (export)	19									
	ICTs		80		464	3,386	3,850	898				
	Total		183,339	498	2,090	13,907	16,494	4,160	273	0	0	
	Export tariff	EA960	Small customer export tariff	18,715							9	16
	Total			1,789,562	4,824	3,104	17,003	24,931	4,160	1,807	9	16

2025/26 Financial year tariff and tariff component volumes

Segment	Tariff code	Tariff name	NAC	Energy GWh				Capacity MVA MW	Peak demand MW	Export charge GWh	Export reward GWh	
				Non-TOU	Time of use (TOU)		Total energy					
					Peak	Off-peak						
Residential	EA010	Residential flat	744,747	3,097			3,097					
	EA025	Residential TOU	399,890		563	1,772	2,335					
	EA111	Residential demand (introductory)	50,034		53	156	209		203			
	EA116	Residential demand	422,336		498	1,462	1,961		1,685			
	Total		1,617,006	3,097	1,115	3,390	7,601	0	1,888	0	0	
Controlled load	EA030	Controlled load 1	306,923	620			620					
	EA040	Controlled load 2	140,101	307			307					
	Total		447,024	927	0	0	927	0	0	0	0	
Non-residential	EA050	Small business flat	50,442	355			355					
	EA225	Small business TOU	72,527		141	848	989					
	EA251	Small business demand (introductory)	3,118		3	19	23		15			
	EA256	Small business demand	35,889		137	859	996		397			
	EA302	LV 80-160 MWh (system)	10,599		166	1,065	1,231	472				
	EA305	LV 160-750 MWh (system)	7,340		359	2,247	2,606	935				
	EA310	LV >750 MWh (system)	2,734		547	3,564	4,110	1,104				
	EA314	LV 160-750 MWh (embedded network)	359		19	114	133	40				
	EA315	LV >750 MWh (embedded network)	286		64	360	424	112				
	EA340	HV storage (import)	0		0	0	0	0				
	EA341	HV storage (export)	0		0	0	0	0				
	EA365	HV connection (embedded network)	29		20	130	150	36				
	EA370	HV connection (system)	291		154	1,147	1,302	334				
	EA380	ST storage (import)	0		0	0	0	0				
	EA382	ST storage (export)	0		0	0	0	0				
	EA390	ST connection	79		113	812	925	281				
	EA401	Public lighting	0	75			75					
	EA402	Constant unmetered	0	53			53					
	EA403	Energy light	0	3			3					
	EA962	LV storage (import)	38									
	EA963	LV storage (export)	38									
	ICTs		80		471	3,442	3,913	904				
	Total		183,848	486	2,195	14,608	17,289	4,218	412	0	0	
	Export tariff	EA960	Small customer export tariff	983,794							305	100
	Total			1,800,817	4,510	3,310	17,998	25,818	4,218	2,300	305	100

2026/27 Financial year tariff and tariff component volumes

Segment	Tariff code	Tariff name	NAC	Energy GWh				Capacity MVA MW	Peak demand MW	Export charge GWh	Export reward GWh
				Non-TOU	Time of use (TOU)		Total energy				
					Peak	Off-peak					
Residential	EA010	Residential flat	648,020	2,720			2,720				
	EA025	Residential TOU	399,890		568	1,789	2,357				
	EA111	Residential demand (introductory)	71,186		77	225	302		289		
	EA116	Residential demand	511,443		600	1,759	2,359		2,052		
	Total		1,630,539	2,720	1,246	3,773	7,739	0	2,341		
Controlled load	EA030	Controlled load 1	303,201	612			612				
	EA040	Controlled load 2	138,402	303			303				
	Total		441,603	916	0	0	916	0	0		
Non-residential	EA050	Small business flat	45,070	335			335				
	EA225	Small business TOU	72,527		149	895	1,043				
	EA251	Small business demand (introductory)	4,512		5	30	35		22		
	EA256	Small business demand	43,338		189	1,188	1,376		534		
	EA302	LV 100-160 MWh (system)	7,599		132	844	976	374			
	EA305	LV 160-750 MWh (system)	7,340		370	2,319	2,689	965			
	EA310	LV >750 MWh (system)	2,734		565	3,683	4,248	1,140			
	EA314	LV 160-750 MWh (embedded network)	359		19	114	133	40			
	EA315	LV >750 MWh (embedded network)	286		64	360	424	112			
	EA340	HV storage (import)	0		0	0	0	0			
	EA341	HV storage (export)	0		0	0	0	0			
	EA365	HV connection (embedded network)	29		20	130	150	36			
	EA370	HV connection (system)	291		165	1,230	1,396	359			
	EA380	ST storage (import)	0		0	0	0	0			
	EA382	ST storage (export)	0		0	0	0	0			
	EA390	ST connection	79		134	967	1,101	322			
	EA401	Public lighting	0	75			75				
	EA402	Constant unmetered	0	56			56				
	EA403	Energy light	0	3			3				
	EA962	LV storage (import)	57								
	EA963	LV storage (export)	57								
	ICTs		80		496	3,643	4,139	909			
	Total		184,357	468	2,309	15,402	18,179	4,257	556		
	Export tariff	EA960	Small customer export tariff	1,102,897						322	105
Total		1,102,897	0	0	0	0	0	0	322	105	
Total		1,814,840	4,104	3,555	19,175	26,833	4,257	2,897	322	105	

2027/28 Financial year tariff and tariff component volumes

Segment	Tariff code	Tariff name	NAC	Energy GWh				Capacity MVA MW	Peak demand MW	Export charge GWh	Export reward GWh
				Non-TOU	Time of use (TOU)		Total energy				
					Peak	Off-peak					
Residential	EA010	Residential flat	551,294	2,338			2,338				
	EA025	Residential TOU	399,890		598	1,783	2,381				
	EA111	Residential demand (introductory)	71,186		93	216	309		292		
	EA116	Residential demand	624,533		761	2,108	2,870		2,521		
	Total		1,646,903	2,338	1,453	4,107	7,898	0	2,813		
Controlled load	EA030	Controlled load 1	299,480	606			606				
	EA040	Controlled load 2	136,703	301			301				
	Total		436,183	907	0	0	907	0	0		
Non-residential	EA050	Small business flat	39,697	311			311				
	EA225	Small business TOU	72,527		140	960	1,100				
	EA251	Small business demand (introductory)	4,512		5	34	39		19		
	EA256	Small business demand	49,009		189	1,289	1,478		563		
	EA302	LV 100-160 MWh (system)	7,771		126	887	1,013	388			
	EA305	LV 160-750 MWh (system)	7,340		354	2,405	2,759	987			
	EA310	LV >750 MWh (system)	2,734		546	3,817	4,363	1,168			
	EA314	LV 160-750 MWh (embedded network)	359		19	114	133	40			
	EA315	LV >750 MWh (embedded network)	286		64	360	424	112			
	EA340	HV storage (import)	0		0	0	0	0			
	EA341	HV storage (export)	0		0	0	0	0			
	EA365	HV connection (embedded network)	29		20	130	150	36			
	EA370	HV connection (system)	291		173	1,305	1,477	378			
	EA380	ST storage (import)	0		0	0	0	0			
	EA382	ST storage (export)	0		0	0	0	0			
	EA390	ST connection	79		149	1,084	1,233	348			
	EA401	Public lighting	0	75			75				
	EA402	Constant unmetered	0	58			58				
	EA403	Energy light	0	2			2				
	EA962	LV storage (import)	76								
	EA963	LV storage (export)	76								
	ICTs		80		497	3,699	4,196	914			
	Total		184,866	447	2,283	16,084	18,813	4,371	581		
	Export tariff	EA960	Small customer export tariff	1,221,658						337	110
Total		1,221,658	0	0	0	0	0	0	337	110	
Total		1,831,694	3,692	3,735	20,191	27,618	4,371	3,395	337	110	

2028/29 Financial year tariff and tariff component volumes

Segment	Tariff code	Tariff name	NAC	Energy GWh				Capacity MVA MW	Peak demand MW	Export charge GWh	Export reward GWh
				Non-TOU	Time of use (TOU)		Total energy				
					Peak	Off-peak					
Residential	EA010	Residential flat	454,567	1,939			1,939				
	EA025	Residential TOU	399,890		601	1,794	2,395				
	EA111	Residential demand (introductory)	71,186		84	226	309		285		
	EA116	Residential demand	740,530		913	2,481	3,394		2,991		
	Total		1,666,174	1,939	1,598	4,501	8,038	0	3,276		
Controlled load	EA030	Controlled load 1	295,758	597			597				
	EA040	Controlled load 2	135,004	296			296				
	Total		430,762	893	0	0	893	0	0		
Non-residential	EA050	Small business flat	34,325	285			285				
	EA225	Small business TOU	72,527		149	1,019	1,168				
	EA251	Small business demand (introductory)	4,512		6	38	44		21		
	EA256	Small business demand	54,681		202	1,378	1,580		589		
	EA302	LV 100-160 MWh (system)	7,944		130	915	1,045	400			
	EA305	LV 160-750 MWh (system)	7,340		359	2,439	2,798	1,003			
	EA310	LV >750 MWh (system)	2,734		555	3,873	4,428	1,189			
	EA314	LV 160-750 MWh (embedded network)	359		19	114	133	40			
	EA315	LV >750 MWh (embedded network)	286		64	360	424	112			
	EA340	HV storage (import)	0		0	0	0	0			
	EA341	HV storage (export)	0		0	0	0	0			
	EA365	HV connection (embedded network)	29		20	130	150	36			
	EA370	HV connection (system)	291		182	1,370	1,552	398			
	EA380	ST storage (import)	0		0	0	0	0			
	EA382	ST storage (export)	0		0	0	0	0			
	EA390	ST connection	79		158	1,147	1,305	366			
	EA401	Public lighting	0	75			75				
	EA402	Constant unmetered	0	60			60				
	EA403	Energy light	0	2			2				
	EA962	LV storage (import)	95								
	EA963	LV storage (export)	95								
	ICTs		80		500	3,721	4,221	918			
	Total		185,377	423	2,343	16,505	19,271	4,462	609		
Export tariff	EA960	Small customer export tariff	1,343,327						351	114	
	Total		1,343,327	0	0	0	0	0	351	114	
Total		1,851,457	3,256	3,941	21,006	28,203	4,462	3,885	351	114	

Note 1: The network access charge (NAC) represents the customer numbers for a full financial year. A customer connecting to the Ausgrid network in mid-year pays the network access charge in half of the year and hence is counted as 0.5 customer in that financial year.

Note 2: The proposed utility scale storage tariffs are not shown in these projections due to the uncertainty regarding forecasts for these customers.