



30 November 2023

Ausgrid's 2024-29 Revised Proposal

Attachment 8.9: Demand, consumption and customer number forecasts

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	827,950	3,420			3,420					
	EA025	Residential TOU	399,890		559	1,760	2,319					
	EA111	Residential Demand (introductory)	111,088		140	403	543		453			
	EA116	Residential Demand	267,314		307	910	1,218		1,049			
	Total		1,606,241	3,420	1,007	3,073	7,499	0	1,503	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	55,876	372			372					
	EA225	Small business TOU	76,909		163	990	1,153					
	EA251	Small business demand (introductory)	2,195		4	22	26		11			
	EA256	Small business demand	22,635		54	335	389		189			
	EA302	LV 60-160 MWh (system)	14,491		200	1,279	1,478	567				
	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				
	EA334	LV storage (Import)	19		1	0	1					
	EA335	LV storage (Export)	19		0	0	0					
	EA365	HV connection (embedded network)	29		20	130	150	36				
	EA370	HV connection (system)	291		141	1,054	1,195	307				
	EA374	HV storage (import)	0		0	0	0					
	EA375	HV storage (export)	0		0	0	0					
	EA390	ST connection	80		97	698	794	259				
	EA394	ST storage (Import)	0		0	0	0					
	EA395	ST storage (Export)	0		0	0	0					
	EA401	Public lighting	0	82			82					
	EA402	Constant unmetered	0	51			51					
	EA403	EnergyLight	0	3			3					
	EA501	Transmission Connected	1		1	11	13	3				
	ICTs		77		459	3,346	3,805	880				
	Total		183,322	507	2,088	13,898	16,494	4,154	200	0	0	
	Export tariff	EA029	Small customer export tariff	14,912							11	23
	Total		14,912	0	0	0	0	0	0	11	23	
	Total		1,789,563	4,865	3,095	16,971	24,931	4,154	1,702	11	23	

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	670,707	2,789			2,789					
	EA025	Residential TOU	399,890		563	1,772	2,335					
	EA111	Residential Demand (introductory)	137,563		146	426	572		558			
	EA116	Residential Demand	408,846		484	1,421	1,905		1,630			
	Total		1,617,006	2,789	1,193	3,619	7,601	0	2,188	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		
Non-residential	EA050	Small business flat	48,774	343			343					
	EA225	Small business TOU	78,943		192	1,175	1,367					
	EA251	Small business demand (introductory)	6,720		7	41	48		33			
	EA256	Small business demand	27,967		86	536	622		273			
	EA302	LV 60-160 MWh (system)	10,171		164	1,050	1,214	465				
	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				
	EA334	LV storage (Import)	38		1	0	1					
	EA335	LV storage (Export)	38		0	0	0					
	EA365	HV connection (embedded network)	29		20	130	150	36				
	EA370	HV connection (system)	291		154	1,147	1,302	334				
	EA374	HV storage (import)	0		0	0	0					
	EA375	HV storage (export)	0		0	0	0					
	EA390	ST connection	82		117	841	958	296				
	EA394	ST storage (Import)	0		0	0	0					
	EA395	ST storage (Export)	0		0	0	0					
	EA401	Public lighting	0	75			75					
	EA402	Constant unmetered	0	53			53					
	EA403	EnergyLight	0	3			3					
	EA501	Transmission Connected	1		1	11	13	3				
	ICTs		77		466	3,401	3,868	886				
	Total		183,812	475	2,197	14,618	17,289	4,211	306	0	0	
	Export tariff	EA029	Small customer export tariff	323,474							352	110
	Total		323,474	0	0	0	0	0	0	352	110	
	Total		1,800,818	4,190	3,390	18,237	25,818	4,211	2,494	352	110	

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	517,124	2,171			2,171					
	EA025	Residential TOU	399,890		568	1,789	2,357					
	EA111	Residential Demand (introductory)	143,744		156	454	609		583			
	EA116	Residential Demand	569,782		662	1,939	2,602		2,289			
	Total		1,630,539	2,171	1,386	4,182	7,739	0	2,872	0	0	
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	0	0	
Non-residential	EA050	Small business flat	41,562	308			308					
	EA225	Small business TOU	80,071		216	1,327	1,543					
	EA251	Small business demand (introductory)	7,022		8	47	55		34			
	EA256	Small business demand	37,221		124	776	901		384			
	EA302	LV 60-160 MWh (system)	7,171		129	828	958	367				
	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				
	EA334	LV storage (Import)	57		2	0	2					
	EA335	LV storage (Export)	57		0	0	0					
	EA365	HV connection (embedded network)	29		20	130	150	36				
	EA370	HV connection (system)	291		165	1,230	1,396	359				
	EA374	HV storage (import)	0		0	0	0					
	EA375	HV storage (export)	0		0	0	0					
	EA390	ST connection	82		138	996	1,134	338				
	EA394	ST storage (Import)	0		0	0	0					
	EA395	ST storage (Export)	0		0	0	0					
	EA401	Public lighting	0	75			75					
	EA402	Constant unmetered	0	56			56					
	EA403	EnergyLight	0	3			3					
	EA501	Transmission Connected	1		1	11	13	3				
	ICTs		77		491	3,603	4,094	891				
	Total		184,301	442	2,313	15,424	18,179	4,250	418	0	0	
	Export tariff	EA029	Small customer export tariff	323,474							381	119
	Total		323,474	0	0	0	0	0	0	381	119	
	Total		1,814,841	3,528	3,699	19,606	26,833	4,250	3,290	381	119	

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	362,533	1,538			1,538					
	EA025	Residential TOU	399,890		598	1,783	2,381					
	EA111	Residential Demand (introductory)	149,672		193	454	648		613			
	EA116	Residential Demand	734,808		878	2,454	3,331		2,968			
	Total		1,646,903	1,538	1,669	4,692	7,898	0	3,581	0	0	
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	0		
Non-residential	EA050	Small business flat	34,155	267			267					
	EA225	Small business TOU	80,071		205	1,415	1,619					
	EA251	Small business demand (introductory)	7,311		8	55	63		31			
	EA256	Small business demand	44,637		129	867	997		420			
	EA302	LV 60-160 MWh (system)	7,343		124	871	995	380				
	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				
	EA334	LV storage (Import)	76		3	0	3					
	EA335	LV storage (Export)	76		0	0	0					
	EA365	HV connection (embedded network)	29		20	130	150	36				
	EA370	HV connection (system)	291		173	1,305	1,477	378				
	EA374	HV storage (import)	0		0	0	0					
	EA375	HV storage (export)	0		0	0	0					
	EA390	ST connection	82		153	1,112	1,265	364				
	EA394	ST storage (Import)	0		0	0	0					
	EA395	ST storage (Export)	0		0	0	0					
	EA401	Public lighting	0	75			75					
	EA402	Constant unmetered	0	58			58					
	EA403	EnergyLight	0	2			2					
	EA501	Transmission Connected	1		1	11	13	3				
	ICTs		77		492	3,659	4,150	896				
	Total		184,792	403	2,289	16,121	18,813	4,364	450	0	0	
	Export tariff	EA029	Small customer export tariff	365,881							404	125
	Total		365,881	0	0	0	0	0	0	404	125	
	Total		1,831,695	2,848	3,958	20,813	27,618	4,364	4,032	404	125	

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	192,824	823							
	EA025	Residential TOU	399,890		601	1,794	2,395				
	EA111	Residential Demand (introductory)	167,249		196	529	725	670			
	EA116	Residential Demand	906,211		1,102	2,993	4,096	3,666			
	Total		1,666,174	823	1,900	5,316	8,038	0	4,337	0	
Controlled load	EA030	Controlled Load 1	295,758	597							
	EA040	Controlled Load 2	135,004	296							
	Total		430,762	893	0	0	893	0	0		
Non-residential	EA050	Small business flat	25,937	216							
	EA225	Small business TOU	80,071		216	1,488	1,704				
	EA251	Small business demand (introductory)	8,170		11	67	78				
	EA256	Small business demand	52,296		143	956	1,099	37	456		
	EA302	LV 60-160 MWh (system)	7,516		128	899	1,026	393			
	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			
	EA334	LV storage (Import)	95		3	0	3				
	EA335	LV storage (Export)	95		0	0	0				
	EA365	HV connection (embedded network)	29		20	130	150	36			
	EA370	HV connection (system)	291		182	1,370	1,552	398			
	EA374	HV storage (import)	0		0	0	0				
	EA375	HV storage (export)	0		0	0	0				
	EA390	ST connection	82		162	1,176	1,337	381			
	EA394	ST storage (Import)	0		0	0	0				
	EA395	ST storage (Export)	0		0	0	0				
	EA401	Public lighting	0	75			75				
	EA402	Constant unmetered	0	60			60				
	EA403	EnergyLight	0	2			2				
	EA501	Transmission Connected	1		1	11	13	3			
	ICTs		77		495	3,681	4,175	900			
	Total		185,283	353	2,353	16,565	19,271	4,455	493	0	
	Export tariff	EA029	Small customer export tariff	387,152						425	
	Total		387,152	0	0	0	0	0	0	425	
	Total		1,851,458	2,069	4,253	21,881	28,203	4,455	4,830	425	

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