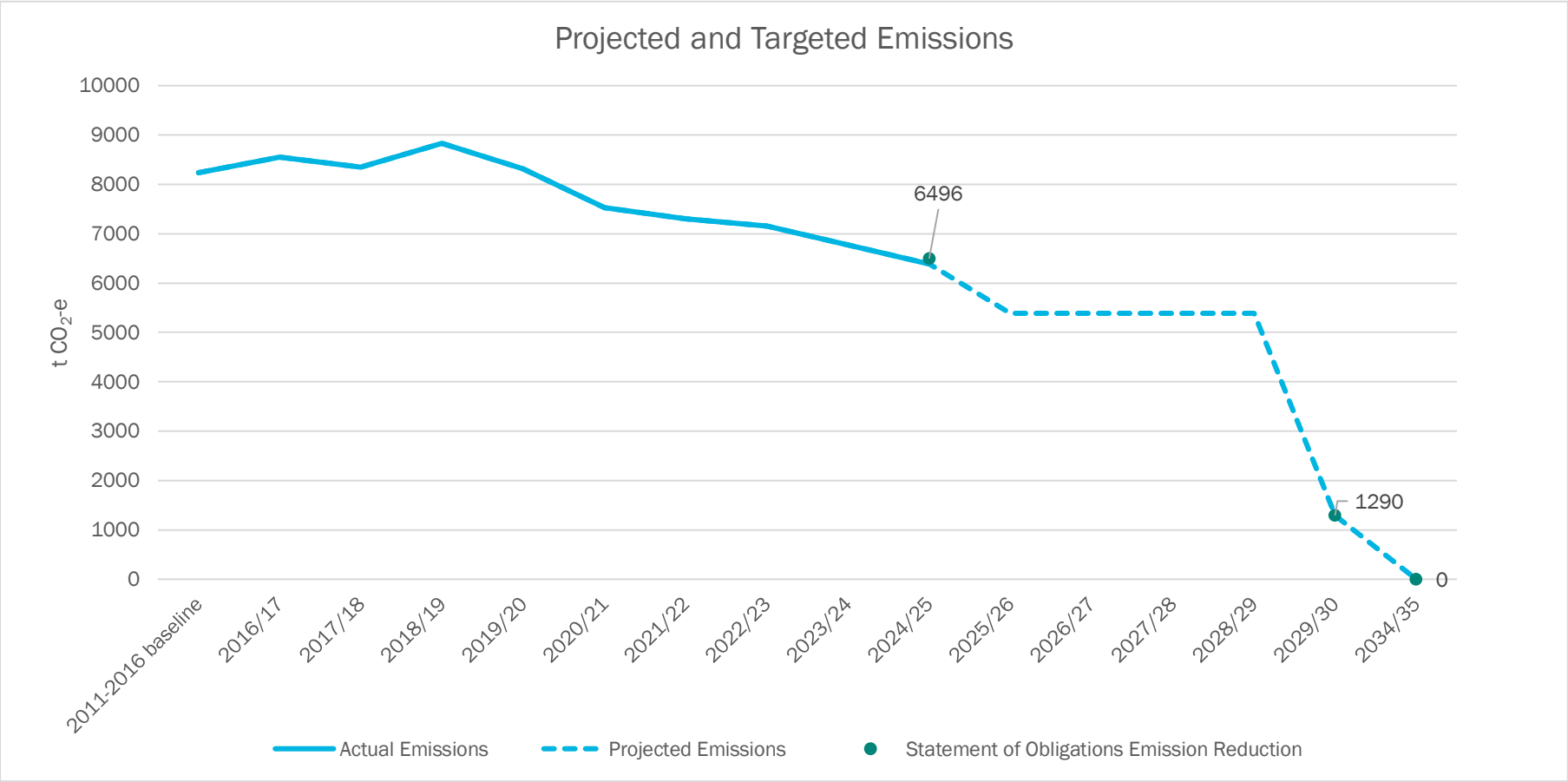


Service delivery category	Scope 1 and 2 Emissions (t CO <sub>2</sub> -e)				Variance (%) between previous and current AR years	Commentary
	2023/24 Total Scope 1 and 2 emissions	2024/25 Scope 1 and 2 Emissions				
		Scope 1 emissions	Scope 2 emissions	Total emissions		
Water treatment and supply	2472	24	30.6	54.9	-98%	<i>GreenPower purchased at 198 sites reduced the reportable scope 2 emissions</i>
Sewage collection, treatment, and recycling	4634	6031	0.0	6031.3	30%	<i>Revised scope 1 wastewater calculations, an increase in wastewater inflows and anaerobic digester offline for maintenance have all led to an increase in emissions reported.</i>
Transport	357	332	0.3	332.2	-7%	<i>Charging EV at external charging points increased the scope 2 transport emissions. A decrease in vehicle use from emergency situations has contributed to reduced transport emissions.</i>
Other (e.g. offices, depots, etc.)	100	0	0.0	0.0	-100%	<i>GreenPower purchased at 198 sites reduced the reportable scope 2 emissions</i>
Large Generation Certificates Voluntary surrendered	689	0	31.57	31.6	-95%	<i>No self-generated offsets were generated or retired this financial year. We voluntarily surrendered 41 Large Generation Certificates received from the IWN Large Scale Renewable Project on June 2025.</i>
<b>Total emissions (after REC/LGC retirement)</b>	6874	6387	-1	6387	-7%	
<b>Net emissions (after offset retirement) (a-b)</b>	6874	6387	-1	6387	-7%	<i>Decrease in net emissions due to eliminating scope 2 emissions through the purchase of GreenPower.</i>



Service delivery category	Scope 1 Emissions by greenhouse gas (source greenhouse gas reported in t CO2-e)				Commentary
	Carbon dioxide (CO2) in t CO2	Methane (CH4) in t CO2-e	Nitrous oxide (N2O) in t CO2-e	Other in t CO2-e	
Water treatment and supply	24.0	0.0	0.2	0	The majority of the water treatment and supply emissions are related to diesel fuel consumption for generators.
Sewage collection, treatment, and recycling	74.7	5422.8	533.8	0.0	Sewerage emissions increased due to updates to methane calculations and inflow increases.
Transport	326.9	8.1	2.9	0	
Other (e.g. offices, depots, etc.)	0	0	0.0	0	
<b>Total</b>	<b>425.7</b>	<b>5430.9</b>	<b>536.8</b>	<b>0.0</b>	

Electricity Source	2023/24 Total electricity consumption (MWh)	2024/25 Total electricity consumption (MWh)	Commentary
Purchased directly through an electricity retailer	6699	6902	Increase grid power consumption due to CHP being offline for the reporting period
Not directly purchased but sourced from outside the organisation	0	0	
Water corporation led/self-sourced activities and initiatives	167	254	
<b>Total (all by source)</b>	<b>6866</b>	<b>7155</b>	
<b>Service delivery category</b>			
Water treatment and supply	3240	3251	
Sewage collection, treatment, and recycling	3447	3687	
Other (e.g. offices, depots, etc.)	179	217	
<b>Total (by service delivery category)</b>	<b>6866</b>	<b>7155</b>	

Renewable electricity consumption categories (generation capacity)	2023/24 renewable electricity consumption (MWh)	2024/25 renewable electricity consumption (MWh)	2024/2025 renewable electricity consumption (% of total consumption)	Variance (%) between 2023/24 - 2024/25	Commentary
<b>Total renewable electricity consumption from grid-sourced electricity</b>					
<i>Total grid-sourced: Mandatory + GreenPower</i>	1222	1256	18%	<b>3%</b>	<i>GreenPower was sourced from the grid for 198 sites</i>
<i>Biogas (0.08MW generation capacity)</i>	249	0	0%	<b>-100%</b>	<i>Due to scheduled maintenance of the biodigester and CHP during the reporting period, no Biogas was utilised for electricity.</i>
<i>Hydroelectric</i>	0	0	0%	<b>0%</b>	<i>No hydroelectric power was produced</i>
<i>Solar (0.37MW generation capacity)</i>	106	254	4%	<b>140%</b>	<i>Solar power production was increased from previous year due to Woodglen Solar System returning online.</i>
<i>Wind</i>	0	0	0%	<b>0%</b>	<i>No wind power was produced</i>
<i>Other renewable</i>	872	6903	96%	<b>692%</b>	<i>41 Large Generation Certificates (LGC's) from the Zero Emissions Water Solar project were voluntarily surrendered by East Gippsland Water during the reporting period plus GreenPower purchasing.</i>
<i>Total renewable electricity consumption from Corporation led/self-sourced activities and initiatives</i>	1577	7157	100%	<b>354%</b>	
<b>Total Renewable energy consumed</b>	2799	7157	226%	<b>156%</b>	<i>The increase is due to the purchase of GreenPower and the 0.45MW renewable onsite capacity.</i>

# East Gippsland Water

Renewable electricity source	2024/25 Total on-site renewable electricity generated (MWh)			Total generated (By source)	Commentary
	Consumed on-site	Exported	Other purposes		
Biogas (0.08MW generation capacity)	0	0	0	0	Due to scheduled maintenance of the biodigester and CHP during the reporting period, no Biogas was utilised for electricity.
Solar (0.37MW generation capacity)	253.74	137.08	0	390.31	No additional solar was installed during the reporting period.
Other renewable	0	0			No other renewables were installed or utilised this reporting period
<b>Total (renewable)</b>	253.73	137.07	0	390.3	
Non-renewable sources (please categorise as appropriate)	0	0	0		No non-renewable energy produced by EGW
<b>Total (non-renewable)</b>	0	0	0	0	

Energy storage system	2024/25 Total energy storage system power capacity (MW)	2024/25 Total energy storage system storage capacity (MWh)	Commentary
Total Energy Storage System	0	0	No ESS currently operate under EGW directive

Total energy usage	Renewable (in GJ)	Non-renewable (in GJ)	TOTAL (in GJ)	Customer Connections	Energy usage normalised	Commentary
From fuel	0	5718	5718	25904	0.2	All fuel-based energy from a non-renewable source
From electricity	24846	0	32653	25904	1.3	
<b>Total</b>	24846	5718	38370	25904	1.5	

REC retirement method	2024/25 RECs retired:	Commentary
Voluntarily retired by EGW	41	41 LGC's were voluntarily surrendered by EGW during the reporting period.
GreenPower	6,861	Through our electricity contract we purchase certified GreenPower to meet our targets
Certified carbon neutral electricity purchased	-	
Voluntarily retired on EGW's behalf	0	
<b>Total RECs retired to reduce scope 2 emissions</b>	<b>6901.61</b>	

Total stationary fuel use (buildings and machinery)			
Fuel type	in GJ	in t CO <sub>2</sub> -e	Commentary
Fossil gas			
Biogas	-	-	No biogas was produced this year as the CHP and digester were offline for maintenance
Diesel	1088	79	Diesel fuel was used to power generators, pumps and other stationary machinery
LPG	318	19	Decrease in purchase and use of LPG gas due to digester being offline for maintenance during reporting period
Petrol	0	5	Side by Side's for farm and depot use.
Other			
<b>Total</b>	<b>1405</b>	<b>100</b>	

Transportation vehicle category	Transportation total energy use by fuel type (GJ)					Fuel type totals	
	<i>Petrol</i>	<i>Diesel</i>	<i>LPG</i>	<i>Electric</i>	<i>Other</i>	Total energy use (GJ)	Total emissions (t CO2-e)
<i>Passenger vehicles</i>	85.5	127.4	0	123626.6	0	123839.58	16.66
<i>Light Commercial Vehicles</i>	16.1	4009.3	0	0	0	4025.37	313.39
<i>Heavy Vehicles</i>	0.0	0.0	0	0	0	0.00	0.00
<i>Farm Vehicles</i>	70.9	1.6	0	0	0	72.51	4.91
<b>Total energy use (GJ)</b>	172.6	4138.3	0	123626.6	0	127937.46	
<b>Total emissions (t CO2-e)</b>	12.5	322.1	0	0.342419	0	0	334.95