



ESOS Action Plan - Progress Update 1

Technolog Group Ltd

Date: 13/11/25

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Date	21/11/2025.

Action Plan - Progress Update 1 Technolog Group Ltd



Start Date	6th December 2023
End Date	31st December 2027
Reporting Period	January - December

As part of the Energy Saving Opportunity Scheme (ESOS), Technolog Group Ltd are required to submit an Action Plan with subsequent Annual Updates. This document forms the first Annual Update (December 2025).

This document outlines Technolog Group Ltd's update with regards to their Action Plan submitted in March 2025. The purpose of this update is to document and understand the progress made with regards to actions committed following ESOS Phase 3, which will allow Technolog Group Ltd to increase their energy efficiency while decreasing their consumption in the period before ESOS Phase 4. Therefore, the Action Plan and following updates will cover the interim period between ESOS Phase 3 and ESOS Phase 4 (Dec 2023 - Dec 2027).

To meet compliance this report will reiterate Technolog Group Ltd's actions within their plan, proposed deadlines for implementation and whether these were met, alongside any additional measures / actions implemented before December 2025

Technolog Group Ltd had chosen the below energy saving measures as part of their Action Plan:

Commitment	Deadline	Deadline Met?	Recommended by ESOS	Organisational Purpose	Est kWh Savings (2025)	Est kWh Savings (per year)
AC Upgrades	June-26	Y	Y	Building	16,008	68,418
Pipework Insulation	May-25	Y	Y	Building	2,652	4,523
Light Sensors 1	July-25	Y	Y	Building	1,185	2,827
Light Sensors 2	December-25	Y	Y	Building	0	2,827
Monitor Upgrades	December-24	Y	Y	Building	1,786	1,786

Changes to estimated data

This table explains any amendments to estimated energy savings calculated for the purpose of the Action Plan. These are now updated for Progress Update 1.

Action	Original Est Savings (kWh)	Actual / Updated Est Savings (kWh)	Reason
AC Upgrades	68,418	68,418	The savings for the AC Upgrades have remained the same for the first annual progress update as there was not enough actual data to calculate the savings as this was partially completed in August 2025, and the remainder being installed in June 2026. The savings from August 2025 to June 2026 have been reduced to 70% of the action plan savings as 7 of the units have been replaced and there are 3 more on track to be replaced by June 2026.
Pipework Insulation	4,523	4,523	The estimated savings have been unchanged since the action plan as the pipework insulation was installed during the summer of 2025, and therefore we only have the summer months gas data to compare, which would not be sufficient to calculate the savings as the usage dramatically decreases during the summer months. We would require winter gas data to be able to calculate actual savings.
Light Sensors 1	2,827	2,827	As the first installation of light sensors took place in July 2025, the estimated annual savings have stayed the same as they were in the action plan due to the fact that we only have August and September data to calculate savings and this is not an adequate amount of data to be able to re-calculate the savings.
Light Sensors 2	2,827	2,827	The second installation of light sensors are due to take place in December 2025, therefore the savings will mirror those that were estimated in the action plan as this has not taken place yet.
Monitor Upgrades	1,786	1,786	On the two sites in which the monitor upgrades were implemented, there were more savings that were seen than were expected. We are making the assumption that the savings estimated during the action plan are more accurate than what the consumption on decreases have shown as other efficiencies that have not been included in the action plan or annual updates have taken place during this time to cause further energy reduction.

New Measures & Energy Savings Achieved

Technolog Group Ltd



Other Energy Measures

The below table lists all energy measures to be added onto the Progress Updates that weren't included in the original ESOS Action Plan. Only the measures implemented before 5th December 2025 will be included on the MESOS portal for Progress Update 1.

Energy Measure	Deadline/Date Implemented	Organisational Purpose	Annual Savings (kWh)	Description
Roof Replacement	45,992	Building	-	The false ceiling above the offices in Unit 2D at the head office are planned to be insulated. The old insulation has been pushed about, and in some areas have never been covered. No estimated savings have been made for this measure as Technolog are not confident that this has made any significant difference.

Year on Year savings

Provided actions are implemented on time to the updated deadlines, the table below illustrates the expected kWh savings for each year of the (January - December) of the Action Plan until 31st December 2027. These figures are based on estimates provided in the audits taken place during ESOS Phase 3, alongside data provided by Technolog Group Ltd. Annual energy savings from December 2023 to December 2025 will be used for Progress Update 1 on the MESOS portal.

	December 2023 - December 2024	December 2024 - December 2025	December 2025 - December 2026	December 2026 - December 2027	December 2023 - December 2027
Total kWh	0	21,631	70,202	80,381	172,213
AC Upgrades	0	16,008	58,240	68,418	142,666
Pipework Insulation	0	2,652	4,523	4,523	11,698
Light Sensors 1	0	1,185	2,827	2,827	6,838
Light Sensors 2	0	0	2,827	2,827	5,654
Monitor Upgrades	0	1,786	1,786	1,786	5,358

Saving Splits

The below table illustrates each commitments' contribution to the overall estimated savings, as well as the utility splits of each saving. The AC Upgrade is the largest contributor at just over 80% of all estimated savings with all of this impacting electricity. The Pipework has the potential to cover just under 7% of the energy consumption savings and is the only measure in place to reduce the gas consumption. The Light Sensors 1 and 2, along with the Monitor Upgrades are estimated to contribute around 3-4% each towards the total energy savings. The savings have remained the same as initially estimated during the action plan as we are yet to see the majority of these savings due to the fact that several of the energy saving measures were installed mid way through the year, and the AC Upgrade is planned to be complete in mid 2026.

Commitment	Utility	Contribution to overall kWh savings (Dec 23 - Dec 25)	Electric Savings	Gas Savings
AC Upgrades	Electric	82.84%	100%	0%
Pipework Insulation	Gas	6.79%	0%	100%
Light Sensors 1	Electric	3.97%	100%	0%
Light Sensors 2	Electric	3.28%	100%	0%
Monitor Upgrades	Electric	3.11%	100%	0%

Cumulative Energy Savings

The below graph displays the groups energy savings across the four-year period (December 2023 - December 2027) on a cumulative basis, with each measure allocated to its estimated implementation date. In this example, the graphs shows that the savings begin to show from September 2025 after the AC Upgrade was partially installed in August 2025. The savings then slightly increase in July 2026 which relates to the remainder of the AC Upgrades taking place in June 2026.

