

Summary Report to	
Director:	Report Phase 3
For Organisation:	Aico
ESOS Phase 3	5th June 2024

	kWh	MWh	Tn CO2e	Approx Cost	Intensity Metrics
Total organisational Energy Consumption (TEC) kWh:	1,548,181	1,548	361	£252,958	72.4 kWh/m2
Electricity	247,215	247	48	£45,475	N/A kWh/Unit
Combustible Fuel	146,478	146	27	£20,388	0.8 kWh/mile
Fleet Transport	1,055,258	1,055	267	£168,841	6,783.7 kWh/Em T/O
Renewables	99,230	99	19	£18,253	68.20% SEC: Fleet
Total energy consumption assessed (min 95%): [100% Assessed]	1,548,181	1,548	361	£252,958	Assessed: All assessed
	Savings Opportunities: Electricity	Savings Opportunities: Combustible Fuel	Savings Opportunities: Fleet	Savings Opportunities: Renewables	Total Savings
Total cost effective energy Saving potential identified (kWh):	218,819	44,451	272,767	68,867	kWh 536,037
Percentage saving from total consumption:	14.13	2.87	17.62	4.45	%Age 34.62
Total cost effective financial saving potential identified (£):	35,972	3,955	42,336	12,508	Cost (£) 82,263
Tonnes of CO2e Saved	42	8	69	13	Tonnes CO2e 120

	kWh	£ Saved
Energy Mgm	227,404	33,144
Behaviours	22,370	3,332
Training	52,763	7,749
Control	117,286	18,853
Capex	116,215	19,184



ENERGY & FLEET

Discount Interest Rate	6%	Please do not sum together each individual action as there will be overlaps			De-minimus:	0	Percent (%)			
Assessment Findings:										
Energy Measures	Detail of Measure Identified	Assessed Via	Applicability	Identified Energy Savings Yr 1 (kWh)	LCCA (NPV) or SPP	NPV	Averaged annual savings (£)	Capital cost to instigate (£)	Tn CO2e	Ranked Payback Period
Measure E1	BMS Set Backs	ESOS Assessment	Oswestry	66,955	NPV/SPP	10,099	9,104	500	13	0.05
Measure E2	Boiler Temperatures	ESOS Assessment	Oswestry	11,718	NPV/SPP	1,884	2,156	150	2	0.07
Measure E3	Server A/C Controls	ESOS Assessment	Oswestry	11,357	NPV/SPP	1,771	2,089	200	2	0.10
Measure E4	Behaviours (HHD)	ESOS Assessment	Oswestry	99,857	NPV/SPP	14,729	18,369	2,600	19	0.14
Measure E5	Monitors	ESOS Assessment	Oswestry	1,265	NPV/SPP	179	233	40	0	0.17
Measure E6	BMS Exceptions	ESOS Assessment	Oswestry	15,596	NPV/SPP	10,099	2,121	500	3	0.24
Measure E7	Comfort Zones	ESOS Assessment	Oswestry	6,053	NPV/SPP	700	1,113	350	1	0.31
Measure E8	BMS Temperature Adjustments	ESOS Assessment	Oswestry	7,874	NPV/SPP	10,099	1,071	500	2	0.47
Measure E9	Regression Analysis	ESOS Assessment	Oswestry	30,997	NPV/SPP	608	1,704	1,000	6	0.59
Measure E10	Lighting Control	ESOS Assessment	Oswestry	3,366	NPV/SPP	285	1,028	1,600	1	1.56
Measure E11	BMS Deep Setbacks	ESOS Assessment	Oswestry	6,126	NPV/SPP	401	777	1,800	1	2.32
Measure E12	Gym A/C Control	ESOS Assessment	Oswestry	371	NPV/SPP	36	68	200	0	2.93
Measure E13	Lagging	ESOS Assessment	Oswestry	1,736	NPV/SPP	31	95	300	0	3.14
Total Energy Measures				263,270			39,927	9,740	50	0.24
Fleet Measures (Cars)										
Measure FC1	Speed Restrictions	ESOS Assessment	All Company and Allowance Cars	84,421	SPP		12,398	6,600	21	0.53
Measure FC2	Tyre Rolling Resistance	ESOS Assessment	All Company and Allowance Cars	17,939	SPP		2,635	1,760	5	0.67
Measure FC3	Eco Driver Training	ESOS Assessment	All Company and Allowance Cars	52,763	SPP		7,749	8,140	13	1.05
Measure FC4	Maintenance and Regular Tyre inflation	ESOS Assessment	All Company and Allowance Cars	21,105	SPP		3,100	4,400	5	1.42
Measure FC5	Electrification (EV) to car	ESOS Assessment	Eleven Company Vehicles	96,539	SPP		16,454	36,749	24	2.23
Renewable Measures				272,767			42,336	57,649	69	1.36
Measure R1	Solar PV Car Ports	Desktop Assessment	Site Car Park	68,867	SPP/NPV	1,059	12,508	89,122	13	7.13
Total Renewable Measures				68,867			12,508	89,122	13	7.13
Total All				536,037			82,263	67,389		0.82

Sign Off

Board Director (Name)	Neal Hooper
Board Director (Title)	Managing Director
Board Director (Signature)	
Date	29 07 2024

I confirm that as a board director I:

- Have reviewed the recommendations of the organisation's ESOS assessment and the ESOS report.
- Am satisfied, to the best of my knowledge, that the organisation is within the scope of the scheme.
- Am satisfied, to the best of my knowledge, that the organisation is compliant with the scheme.
- Am satisfied to the best of my knowledge that the relevant sections of the ESOS report, and supporting information, where relevant, have been shared with all undertakings in the corporate group, unless there is a declared reason why this is prohibited by law.
- Am satisfied, to the best of my knowledge, that the information provided in this notification is correct.

Lead Assessor (Name)	Alan Asbury FEI, Energy Institute Chartered Energy Manager No: 43209. Chartered Fleet Manager No: 4112013 www.clsenergy.com
Lead Assessor (Organisation)	 Director, CLS Energy (Consultancy) Ltd info@clsenergy.com
Lead Assessor (Signature)	
Date	2024