

ISO 50001 requires demonstrable improvement in measured energy performance, not merely a conforming system — so the column that matters most is the method of verification. An EnPI that moves when production moves is measuring output, not efficiency, which is why every indicator here carries its normalisation variable alongside it.

REF	ENERGY OBJECTIVE	RELATED SEU	ENPI	NORMALISATION VARIABLE	BASELINE VALUE (FY2024-25)	TARGET	TARGET DATE	ACTION PLAN OWNER	RESOURCES COMMITTED	METHOD OF VERIFICATION	REVIEW DATE	STATUS	CLAUSE
OBJ-01	Cut refrigeration energy per unit stored by 12%	ER-01 Refrigeration	GJ per 1,000 pallets per CDD-adjusted month	Cooling degree days; pallet throughput	0.83 GJ per 1,000 pallets/CDD-month	0.73 GJ (-12%)	30 Jun 2027	Engineering Manager	\$185,000 capital; 0.2 FTE engineering	Sub-meter trend, CDD-normalised, 12-month rolling	Quarterly	In progress - floating head pressure commissioned	6.2, 6.4, 9.1
OBJ-02	Raise condensate return from 41% to 75%	ER-02 Process steam	GJ gas per tonne of finished product	Production tonnage; product mix	1.42 GJ per tonne	1.24 GJ per tonne (-13%)	31 Dec 2026	Production Manager	\$240,000 capital; contractor scope issued	Gas meter vs production, monthly regression	Monthly	In progress - pipework design approved	6.2, 6.4, 9.1
OBJ-03	Reduce compressed air off-shift baseload from 34% to under 15%	ER-03 Compressed air	GJ per 1,000 production hours	Production hours	1.79 GJ per 1,000 hours	1.52 GJ (-15%)	31 Mar 2027	Maintenance Supervisor	\$28,000; leak survey plus zone isolation valves	Off-shift kW logged over 4 weekends, pre and post	Quarterly	Not started - survey scheduled	6.2, 6.4, 9.1
OBJ-04	Retrofit warehouse high-bay lighting to LED	ER-06 Lighting	GJ per 1,000 operating hours	Operating hours	0.31 GJ per 1,000 hours	0.13 GJ (-58%)	30 Sep 2026	Facilities Manager	\$96,000 capital; payback 2.1 years	Circuit sub-meter, pre and post, same season	On completion	In progress - 60% installed	6.2, 6.4, 9.1
OBJ-05	Align BMS schedule to actual occupancy	ER-05 Space heating and cooling	GJ per m2 per degree day	HDD and CDD; occupancy	0.0041 GJ per m2 per DD	0.0035 GJ (-15%)	31 Dec 2026	Facilities Manager	Nil capital; 8 hours BMS contractor	Degree-day normalised regression, 6 months post-change	Quarterly	Complete - awaiting verification period	6.2, 6.4, 9.1
OBJ-06	Automate dissolved-oxygen trim on aeration	ER-07 Wastewater	GJ per ML effluent treated	Effluent volume; COD load	0.44 GJ per ML	0.37 GJ per ML (-16%)	30 Jun 2027	Environment Coordinator	\$62,000 capital; instrument plus control loop	Blower kWh per ML, COD-adjusted, 12-month rolling	Quarterly	Not started - capital submitted	6.2, 6.4, 9.1
OBJ-07	Embed energy criteria into capital approval and procurement	All SEUs	% of qualifying capital submissions with energy assessment attached	Not applicable - process indicator	0% (no requirement existed)	100%	31 Dec 2026	Energy Manager	Nil capital; procedure change plus training	Sample audit of capital submissions each quarter	Quarterly	In progress - procedure drafted	8.2, 8.3
OBJ-08	Establish competence requirements for staff operating SEUs	ER-01, ER-02, ER-03	% of SEU operators with completed competence assessment	Not applicable - process indicator	Not assessed	100%	30 Jun 2026	HR Manager with Engineering Manager	Nil capital; 0.1 FTE	Training records reviewed at management review	Six-monthly	In progress	7.2, 7.3
OBJ-09	Reduce site energy intensity by 8% against the FY2024-25 baseline	Site-wide	GJ per tonne of finished product	Production tonnage; HDD and CDD	5.27 GJ per tonne	4.85 GJ per tonne (-8%)	30 Jun 2028	Energy Manager	Aggregate of OBJ-01 to OBJ-06	Site-level regression against production and degree days, reported to management review	Quarterly	In progress	6.2, 9.1, 9.3

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