

Working towards a sustainable energy future will require alignment to the energy hierarchy. A simple framework for energy management is illustrated below:

Outcome	Impact	Action	Strategic Outcome	How
LEANER	ENERGY SAVINGS	SWITCH OFF ELIMINATE WASTE	Reduce Council energy use by 20% target reduction	<ul style="list-style-type: none"> • Develop our Building Energy Management Systems (BEMS) • Change Energy behaviours • Ongoing school audits • Energy and Carbon savings evaluated as part of all future Council projects
KEENER	ENERGY EFFICIENCY	BETTER APPLIANCES LOWER ENERGY LOSSES	To increase the number of operational buildings and residential properties that are energy efficient in Moray	<ul style="list-style-type: none"> • <u>Improve the school estate</u> 4 schools upgrade Replacement of Elgin High Replacement of Lossie High B/B programme for 2016/17 Make do and mend 2017/18 * • Implement replacement programmes for inefficient heating controls and systems/upgrade windows/improve insulation/lighting • Rationalise the Council's Property Portfolio • <u>Tackle Fuel Poverty</u> Improve Council stock - Moray Housing Standard by March 2019 Meet the new EESSH standard in all social housing by March 2020 Improve the Housing Stock in private/owner occupied sectors using HEEPS funding Smart Meters

Outcome	Impact	Action	Strategic Outcome	How
GREENER	RENEWABLES	SUSTAINABLE ENERGY PRODUCTION	Deliver Energy Security Needs further investigation	<ul style="list-style-type: none"> • Role of Distilleries in providing energy solutions • Emerging New Technologies • Energy from Sewage • Solar Panels/Farms • Solar Thermal • Geo Thermal • Energy Community Schemes • Wind and wave • Energy from waste • Lighting streets, homes & other buildings • Smarter heating systems • Short term energy storage • ETC.
CLEANER	LOW EMISSION	LOWER CARBON GENERATION CARBON CAPTURE	To meet Carbon Reduction Targets Needs further investigation	<ul style="list-style-type: none"> • Fleet Efficiency • Transport strategies • Use of public transport • Electric Vehicles • Cycle to work • Car sharing • ETC.
MEANER	CONVENTIONAL	SOURCES OF LAST RESORT OFFSET TO COMPENSATE	Reduce the use of oil, gas and other conventional energy sources	<ul style="list-style-type: none"> • ESCO • Energy security • Price resilience • Improve environment, health & wellbeing

