





Energy Management Programs

Topic	Implementation and Projects	2023 Results:
 Target & Progress Monitoring	<ul style="list-style-type: none"> Improving the energy efficiency 45% in own operation within 2030 	<ul style="list-style-type: none"> Total Energy saving Total Energy efficiency increased by 29% Total energy Saving 13,274,214.95 kilowatt-hours per year Total Cost saving for energy 59,733,967.28 Baht
 Action to reduce the amount of energy use	<ul style="list-style-type: none"> High-efficiency chillers project LED Replacement and installation project Change the Fixed-speed air conditioners to VRF (Variable Refrigerant Flow) 	<ul style="list-style-type: none"> Energy Saving = 2,328,057 kilowatt-hours per year
 Use of Clean or Renewable Energy	<ul style="list-style-type: none"> Rooftop solar at stores and distribution centers Solar Thermal for Water Heating Solar tube for lighting at head office Converted to an electric forklift in own operation BEV and HEV for online delivery service (by vendor) 	<ul style="list-style-type: none"> Renewable Energy = 428,166,361.30 kilowatt-hours per year
 Innovation for energy saving	<ul style="list-style-type: none"> Innovation projects for energy saving that initiated by employee Install tube and screen to reuse cooled water Shorten water looping piping system to reduce pump's power consumption. 	<ul style="list-style-type: none"> Invest = 49,500 Baht Energy Saving = 6,309 kilowatt-hours per year Saving energy cost 26,500 Baht
 Training and motivation	<ul style="list-style-type: none"> Energy and GHG policy Energy conservation training program for mechanic Energy-saving awareness Annual energy-saving event every year 	<ul style="list-style-type: none"> 100% responsible employees are trained and communicated 100% participate energy saving program