

Energy Assessment Form

Site Address	Tay Lane, Rathcoole, Dublin 24
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Site Coordinates	ITM 701879	726837
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Use Type (e.g. residential, office, retail)	Floor Area (m ²) <u>or</u> No. of Units (e.g. flats, hotel rooms)
RESIDENTIAL	58 APARTMENTS
Total	58 APARTMENTS

Building Footprint (m ²)	1,387 SQM
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Year of Construction	2023 (TARGETED)
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Building Energy Rating (BER)	A3 (TARGETED)
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Heating Fuel (e.g. gas, oil, electricity)	ELECTRICITY
Heating Plant (e.g. boiler, heat pump)	HEAT PUMP
Heat Delivery System (e.g. rads, AHUs)	RADIATORS
Heating Plant Efficiency (%)	ESTIMATED COP = 3.5 EFFICIENCY = 350%
Year Heating Plant was Installed	YEAR OF COMPLETION OF BUILDING
Heat Demand (kWh/year)	AVAILABLE POST BER COMPLETION
Peak Heat Demand (kW)	AVAILABLE POST BER COMPLETION

Electricity Demand (kWh/year)	AVAILABLE POST BER COMPLETION
Peak Electricity Demand (kW)	AVAILABLE POST BER COMPLETION
On-site Electricity Production (e.g. PV, CHP)	PHOTOVOLTAICS
Electricity Production Capacity (kW)	ESTIMATED 46KW
Electricity Production (kWh/year)	TBC
Year Installed	YEAR OF COMPLETION OF BUILDING

Cooling (if applicable):

Cooling Demand (kWh/year)	N/A
Cooling Capacity (kW)	N/A
Cooling Production Plant (e.g. Electric Chiller)	N/A
Cooling System (e.g. Chilled Beams, Fan Coil)	N/A
Cooling Plant Efficiency (%)	N/A
Year Installed	N/A

Electric Vehicle Charging (if applicable)

Charger Type	No. of Charging Points	Total Rated Capacity (kW)
22KW 3 PHASE	6NO. INSTALLED (FUTURE	22KW (FOR 6NO. SPACES)
INTERLINKED SYSTEM	PROVISION FOR	(44KW FOR ADDITIONAL
	ADDITIONAL 24NO.)	24NO. SPACES)

District Heating (if applicable)

Is the Building District Heating Enabled? (Yes/No)	NO
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