

REHEAT CAPITAL INVESTMENT GRANT
Heat Pump Commissioning Report Ver 1.2
1. Project Details and Plant Owner/Location

SEAI Grant Reference Number	
Project Title	

Plant Owner

Organisation Name	
Project Contact Name	

Installer

Name	
Organisation	
Telephone	

2. Technical Details of Project

Heat Pump Details	Installed		
Heat Pump Manufacturer			
Heat Pump Model			
Heat Pump Type (e.g. Water to Water)			
Heat Source (e.g. Ground Water)			
Serial Number			
Heat Pump Installed Output Capacity (kW)	Heating		
	Cooling		
Electricity Input (kW)	Heating		
	Cooling		
Refrigerant Type		Quantity (kg)	
Heat Transfer Fluid			
Heat Use	Hot Water	Space Heating	Other (specify)
Hot water storage		Capacity (l)	
Annual Displaced Fuel (kWh)			
Displaced Fuel Type			
Backup/Supplementary Heating System			
Heat Distribution System (e.g. radiators, underfloor heating etc.)			
Estimate of annual electricity consumption for system			

Air Source			
Is the evaporator indoor or outdoor?	Indoor		Outdoor
Closed Loop (Brine)			
Type of anti-freeze			Concentration %
Vertical Collector	Number of boreholes		Length of boreholes
Horizontal Collector	Collector area		Collector total pipe length
Surface Water	Lake Collector		River Collector
Direct expansion	Yes		No
Open Loop (Water)			
Water Source	Surface Water (e.g. river, lake)		Groundwater
Extraction Flow (m3/h)			
Method of disposal of extracted water			

Project Installation Details	Installed
Installation Completion Date	
Equipment installed on schedule (yes/no)	
If no, identify reasons	
Equipment started up satisfactorily (yes/no)	
If no, identify reasons	
Equipment operating satisfactorily (yes/no)	
If no, identify reasons:	

Operation & Maintenance	
Have operation & maintenance manuals been provided?	
Has a maintenance schedule been provided?	
Have project drawings, with the location of all pipework, especially buried pipework, and components clearly and permanently identifiable, been updated and provided to owner?	
Is there a means of monitoring the electricity consumption of the Heat Pump (e.g. separate meter)?	

Measured Operating Temperatures	As Installed		
Heating			
Primary Side (Source)	Flow		Return
Secondary Side (Heating)	Flow		Return
Evaporator (Refrigerant temperature)			

Condenser (Refrigerant temperature)			
Heating COP			
Cooling			
Primary Side (Source)		Return	
Secondary Side (Heating)		Return	
Evaporator (Refrigerant temperature)			
Condenser (Refrigerant temperature)			
Cooling COP			

Mechanical Completion	
Has a mechanical completion certificate been completed and signed off by the installer or authorised representative of the installer	
Origin of certificate (Installers own or SEAI)	

3. Supporting Documentation

Please provide photographs of the completed installation.

4. Authorised Declarations

I certify that this plant has been commissioned in accordance with relevant requirements and is operational.

Signature of person authorised to Commission the Heat Pump¹

Date

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I certify that this plant has been commissioned to my satisfaction and is operational.

Signature of the Heat Pump owner¹

Date

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¹ Electronic Signature Acceptable