

H2TS Proposed Activities/Fees Revised

Charge Ref	Activity	Fee paid	Calculated Fee value	Comments	Detail
Installation Activities					
1.10.1	S1.1 Pt A (1)(a)	£19,103	£19,103	<p>Combustion activities For two boilers each with 71.87 MW_{th} input capacity</p> <p>Two fired heaters each with 18.3 MW_{th} capacity</p> <p>Emergency back-up generators for black start, diesel driven fire water pump and emergency diesel driven compressor.</p>	<p>Charge 1.10.1 is the largest charge / application fee, = 100%</p> <p>Note We assume for purposes of charging that all combustion plant sits under this activity based on the Interpretation & guidance in EPR Schedule 1, Part 2 which states:</p> <p><i>“1. For the purpose of Part A(1) of this Section, where two or more appliances with an aggregate rated thermal input of 50 or more megawatts are operated on the same site by the same operator, those appliances must be treated as a single appliance with a rated thermal input of 50 or more megawatts.”</i></p>
1.4.4	S4.2 Pt A (1)(a)(i)	£6,604	£6,604.50	<p>Hydrogen Production</p> <p>Phase 1 Hydrogen Production Plant</p>	<p>Not the largest charge / application fee therefore: -</p> <ul style="list-style-type: none"> • 50% for 1st activity [HPU1] = £6,604.50
1.4.4	S4.2 Pt A (1)(a)(i)	Not Paid	£1,320.90	<p>Hydrogen Production</p> <p>Phase 2 Hydrogen Production Plant</p>	<p>Not the largest charge / application fee therefore: -</p> <ul style="list-style-type: none"> • 10% for 1 x repeat activities [HPU2] = £1,320.90.
1.10.4	S6.10 PtA (1)(a)	£7,457	£7,457.50	<p>Carbon Capture</p>	<p>Not the largest charge / application fee therefore: -</p> <ul style="list-style-type: none"> • 50% for 1st activity [CC] = £6,604.50
1.16.2.2	S5.4 Pt A (1)(a)(ii)	£6,721	£6,721.50	<p>Non-hazardous waste Installation ETP – Media Filtration Stage (>50 m³/day) (Physico-chemical Treatment)</p>	<p>Not the largest charge / application fee therefore: -</p> <ul style="list-style-type: none"> • 50% for 1st activity [Feedwater treatment Dewatering stage] = £6,721.50
1.16.2.1	S5.4 Pt A (1)(a)(i)	Not Paid	£6,992.00	<p>Non-hazardous waste Installation MBR Treatment (>50 m³/day) (Biological Treatment)</p>	<p>Not the largest charge / application fee therefore: -</p> <ul style="list-style-type: none"> • 50% for 1st activity [MBR] = £6,992.00
1.16.2.2	S5.4 Pt A (1)(a)(ii)	Not Paid	£1,344.30	<p>Non-hazardous waste Installation Oily water treatment plant</p>	<p>Not the largest charge / application fee therefore: -</p> <ul style="list-style-type: none"> • 10% for 1 x repeat activities [HPU2] = £1,344.30
Habitats Fee		£779	£779		
Total		£40,664	£50,322.70		Leaves £9,658.70 total balance to pay.

Directly Associated Activities				
A7	Directly associated activity	Raw Water Treatment	From receipt of the incoming water supply through the primary/secondary treatment processes to production of water for use in the hydrogen production facility	Treats supplied raw feed water for use in the hydrogen production process.
A8	Directly associated activity	Dewatering of raw water sludge.	From receipt sludge from clarifier to disposal of solids.	Dewatering of clarifier sludge (0.04 m ³ /hr) and disposal of the resulting sludge.
A9	Directly associated activity	Demineralisation Plant	From receipt of the treated raw water supply through the reverse osmosis and electro-deionisation processes to produce DMW for use in the hydrogen production facility	Treats supplied water for use in the hydrogen production process.
A10	Directly associated activity	Dewatering of sludges from the MBR or backwashes from the ETP processes.	From receipt of bio-sludges from the membrane bioreactor and backwash from the effluent treatment plant.	Dewatering of biosludges and backwash by dewatering (<0.002 m ³ /hr) and subsequent disposal of the resulting sludge.
A11	Directly associated activity	Production of or import of oxygen and nitrogen	Production of oxygen / nitrogen (ASU) and storage onsite prior to use in process or import and storage onsite prior to use	ASU and storage or pipeline for import of oxygen and nitrogen for use in the hydrogen production process.
A12	Directly associated activity	Raw materials handling and storage	From receipt of raw materials to their point of use.	Storage, handling, distribution, and use of raw materials including water, liquid (water treatment chemicals) and gaseous (N ₂) materials
A13	Directly associated activity	Process Cooling Plant	From receipt of cooling water to discharge of cooling water purge to effluent treatment plant.	Operation of process cooling plant.
A14	Directly associated activity	Surface Water Drainage	From receipt of surface water to point of discharge.	Operation of systems for the collection, reuse, and discharge of uncontaminated surface water.
A15	Directly associated activity	Process Water Drainage	From collection of condensates, discharges from amine based CO ₂ capture, mixed wastewater from process areas and blowdown to a sealed drainage	Operation of drainage for collection and handling of process waters

			system for either treatment in MBR for reuse in process or treatment in the ETP for discharge.	
A16	Directly associated activity	Product storage	From point of hydrogen production to its export	Storage, handling, and export of hydrogen.
A17	Directly associated activity	Emergency flare	From receipt of waste gas into the flare to the release of combustion gases	Operation of a flare for the safe disposal of flammable off-gases in startup, shutdown, process upset and emergencies
A18	Directly associated activity	Gas compression	Compression of hydrogen and carbon dioxide gases prior to export.	Operation of the gas compression systems.