

PLANNED MAINTENANCE

HWRC

| FACILITY | EXPECTED MAINTENANCE | TIME OF UNAVAILABILITY |
|-------------------------------|----------------------|------------------------|
| Launceston (New) HWRC | [REDACTED] | [REDACTED] |
| Newquay (New) HWRC | [REDACTED] | [REDACTED] |
| Connon Bridge (Liskeard) HWRC | [REDACTED] | [REDACTED] |
| Helston(Gays Hill) HWRC | [REDACTED] | [REDACTED] |
| St Austell (Menear Road) HWRC | [REDACTED] | [REDACTED] |
| Launceston (Bangors) HWRC | [REDACTED] | [REDACTED] |
| St Erth (Hayle) HWRC | [REDACTED] | [REDACTED] |
| Saltash (Tamar View) HWRC | [REDACTED] | [REDACTED] |
| Bude (Tiscott Wood) HWRC | [REDACTED] | [REDACTED] |
| Newquay (Trevenson Road) HWRC | [REDACTED] | [REDACTED] |
| United Mines (Redruth) HWRC | [REDACTED] | [REDACTED] |
| Bodmin (Wheal Prosper) HWRC | [REDACTED] | [REDACTED] |
| Falmouth (New) HWRC | [REDACTED] | [REDACTED] |
| Truro (New) HWRC | [REDACTED] | [REDACTED] |

| | | |
|--------------------|------------|------------|
| | | Start Date |
| Dudnace (New) HWRC | [REDACTED] | [REDACTED] |

RTS and DRTS

| MAINTENANCE REQUIRED | ANNUAL MAINTENANCE - TIME OF UNAVAILABILITY | LIFE CYCLE MAINTENANCE | LIFE CYCLE EXPECTED YEAR(S) | TIME OF UNAVAILABILITY |
|-----------------------------------|---|------------------------|-----------------------------|------------------------|
| RTS - East (Connon Bridge) | [REDACTED] | N/A | N/A | N/A |
| RTS - St Austell (Tregongeeves) - | [REDACTED] | N/A | N/A | N/A |
| RTS - Launceston (Bangors) | [REDACTED] | N/A | N/A | N/A |
| RTS - Newquay (Trevenson Road) | [REDACTED] | N/A | N/A | N/A |
| RTS - St Erth (Hayle) | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| RTS - Pool | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| RTS - Launceston (new) | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

MRFs

| MAINTENANCE REQUIRED BODMIN MRF | MAINTENANCE CONTRACT YEAR | |
|------------------------------------|------------------------------|--|
| Weighbridge Replacement | | |
| Bag splitter | | |
| Conveyors | | |
| Overband Magnet | | |
| Eddy current separators (x2) | | |
| Balers | | |

| MAINTENANCE REQUIRED POOL MRF | YEAR(S) | TIME OF UNAVAILABILITY |
|----------------------------------|---------|------------------------|
| Weighbridge Replacement | | |
| Bag splitter | | |
| Conveyors | | |
| Overband Magnet | | |
| Eddy current separators (x2) | | |
| Balers | | |

RWTP

Nature and frequency of maintenance per Nature

| Area | Component | | Nature | Frequency of Maintenance | Expected Lifetime | |
|-------------------|---|--------------------|-----------|--|--|------------------|
| Waste Handling | Crane | Rails | Lifecycle | | ████████ | |
| | | Motors and winches | Lifecycle | | ████████ | |
| | | Grab | Routine | ████████████████ | | |
| | | Motors and winches | Routine | ██████████████████ | | |
| | | Grab | Lifecycle | | ██ | |
| | | Mechanical parts | Lifecycle | ██████████████████ | ██ | |
| | | Steel construction | Lifecycle | | ████████████████ | |
| | | Furnace/Boiler | Grate | Steel construction | Lifecycle | |
| Bars, bearings | Routine | | | ██ | | |
| Feeder | Hopper and chute | | Lifecycle | | ████████████████ | |
| | Wear plates | | Lifecycle | | ██ | |
| Ash extractor | Casing | | Lifecycle | | ████████████████ | |
| | Wear plates | | Lifecycle | | ████████████████ | |
| Riddling conveyor | Mechanical parts | | Lifecycle | | ██ | |
| Hydraulic station | Casing | | Lifecycle | | ████████████████ | |
| | Hydraulic hoses | | Lifecycle | ██ | ████████████████ | |
| | Cylinders | | Lifecycle | ████████ | ██ | |
| | Oil filters | | Routine | ██ | | |
| Fans | Shock absorber | | Lifecycle | ████████ | ██ | |
| | Bearings | | Lifecycle | | ████████████████ | |
| | Shaft / impeller | | Lifecycle | | ████████████████ | |
| Refractory | Partial replacement due to erosion is not considered in below listed expected lifetime figures. | | | | | |
| | Furnace | | Routine | | ██ | |
| | Radiation chamber (first pass) and horizontal pass | | | Lifecycle | | ████████████████ |
| | Hopper and horizontal | | | Lifecycle | | ████████████████ |

| Area | Component | | Nature | Frequency of Maintenance | Expected Lifetime |
|-----------------------|--------------------------------------|------|-----------|--------------------------|-------------------|
| | | pass | | | |
| Boiler | Steel construction | | Lifecycle | | |
| | Membrane Walls with Inconel cladding | | Lifecycle | | |
| | Membrane Walls | | Lifecycle | | |
| | Evaporator | | Lifecycle | | |
| | Economiser bundles | | Lifecycle | | |
| | Superheater 1 | | Lifecycle | | |
| | Superheater 2 | | Lifecycle | | |
| | Superheater 3 | | Lifecycle | | |
| | Safety valves | | Lifecycle | | |
| | Rapping system | | Lifecycle | | |
| | Flue Gas Treatment | | | | |
| | | | Routine | | |
| Reactor shell | | | Lifecycle | | |
| Reactor | Atomiser | | Routine | | |
| Reactor | Atomiser | | | | |
| Bag filter casing | | | Lifecycle | | |
| Filter cage | | | Lifecycle | | |
| Filter bags | | | Lifecycle | | |
| PAC silo | | | Lifecycle | | |
| Lime silo | | | Lifecycle | | |
| Lime slurry | Pumps | | Routine | | |
| ID fan | bearings | | Lifecycle | | |
| | shaft / impeller | | Lifecycle | | |
| Ducts | | | Lifecycle | | |
| Ducts expansion joint | | | Lifecycle | | |
| Residue silo | | | Lifecycle | | |
| Fly ash handling | | | Lifecycle | | |
| Process water tank | | | Lifecycle | | |
| Oil storage tank | | | Lifecycle | | |
| Ammonia | | | Lifecycle | | |

| | | | | | |
|-------------------------------|--|--------------------|---|--|--|
| | solution storage tank SNCR injection nozzles Insulation Steel construction | | Routine Lifecycle Lifecycle | | |
| Turbine plant | | | | | |
| | Turbine | | Routine | | |
| | Turbine | | Lifecycle | | |
| | Reducer | | Lifecycle | | |
| | Generator | | Lifecycle | | |
| | ACC | Construction | Lifecycle | | |
| | | Pumps, fans | Routine+ | | |
| | | | Lifecycle | | |
| | | Coling tubes | Routine+ | | |
| | | | Lifecycle | | |
| | FW pumps | | Routine+ | | |
| | | | Lifecycle | | |
| | other pumps | | Lifecycle | | |
| | | | | | |
| | | | | | |
| | Demin water | | Lifecycle | | |
| | | | | | |
| | Vessels | | Lifecycle | | |
| | Aux. Cooler | | Lifecycle | | |
| | | | | | |
| Common Plant | | | | | |
| | Compressed air | Compressors | Lifecycle | | |
| | Medium Voltage | Circuit breakers | Lifecycle | | |
| | Instrumentation | | Lifecycle | | |
| | | | | | |
| Bottom treatment plant | | | | | |
| | | Ash | Routine | | |
| | | | | | |
| | Conveyors | Belts | Lifecycle | | |
| | | Chains | Lifecycle | | |
| | | Screens | Routine | | |
| | | Steel construction | Lifecycle | | |

| | | | |
|---------------|-----------|------------|------------|
| NE-separators | Lifecycle | [REDACTED] | [REDACTED] |
| Fe-separators | Lifecycle | [REDACTED] | [REDACTED] |

RWTP

Number of days of unavailability per Contract Year of 12 months.

| Annual Maintenance | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Routine interim outage | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| "Main" outage (incineration lines) | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| Regular Maintenance | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
|------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Routine interim outage | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| "Main" outage (incineration lines) | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| Regular Maintenance | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |