



CONNECT SAINT HELENA LTD'S MAJOR ACCOMPLISHMENTS SINCE DIVESTMENT

1st April 2023 made **10 YEARS** that Connect Saint Helena Ltd had been in operation! Have a look at some of the major achievements that we have accomplished since divestment.

2013/14 - 2014/15

- The refurbishment of various water abstraction facilities.
- Cleaning and chemical treatment of reservoirs at Red Hill and Longwood.
- Installation of solar panels at Carnarvon Court and at the Power Station.
- Installation of six additional wind turbines at Deadwood Plain.
- Upgrade of overhead LV distribution and service lines to consumers at Plantation Square, Hunts Vale and Thompsons Hill.
- Upgrade of Ladies Bath raw water system.
- Installation of pipeline at Bottom Woods.
- Installation of Bulk Water Mains from Levelwood to Sandy Bay, Rose Hill to Woody Ridge and Frenches Gut to Head O'Wain.
- Installation of solar panels at the Princess Royal Community Care Complex.
- Installation of Solar Farm at the Rifle Range, Ladder Hill.



2015/16 - 2016/17

- Upgrade of various Raw Water Catchments in the Hutts Gate Water Distribution Zone.
- Construction of New Raw Water Abstraction Structure at Oakbank.
- Enlargement of Harpers 3 Reservoir from 8,500m³ to 20,000m³.
- Relining of 3 existing reservoirs, Longwood 1 and 2 reservoirs and Millfield reservoir.
- Installation of Clarifier Filter Units at each of the 4 Water Treatment Works.
- Upgrade of overhead LV distribution and service lines to consumers at Kingshurst, Church Ground Point & Browns Hill to the junction near Rose Bower.
- Installation of an additional transformer for the Hospital development to accommodate increased power demands.
- Extension of Feeder 3 to the Airport and connect to the power grid.
- Installation of a new HV Ring feed from Sandy Bay to Blue Hill.
- New trunk sewers and water supply for Rupert's Valley.
- Construction of a 11,000m³ reservoir at Hutts Gate.
- Construction of raw water abstraction structure & access road at Gents Bath.
- Drilling of 10 deep aquifer exploratory boreholes.
- Installation of first section of western trunk sewer to Ladder Hill.
- Extension of HV network at Head O'Wain and the installation of an additional transformer to accommodate housing development.
- Removal of all overhead HV and LV cables at Lower Rupert's and replaced with an underground service.



PERFORMANCE MEASUREMENTS

2013	2023
Number of Electricity Disruptions	
146	61
Number of Water Disruptions	
1,582	1,010
Appearance of Treated Water in CSH Network	
5.0 NTU	1.16 NTU
Microbiological Integrity of Treated Water in CSH Network	
96.5%	100%
Microbiological Integrity of Treated Water at Consumer Meter	
87%	100%
Time taken to perform an Electricity Connection	
50 days	9 days
Time Taken to perform a Water Connection	
90 days	5 days
Proportion of Renewable Energy supplied	
9.13%	19%
Subsidy from SHG	
£1.1m	£1.830m



2017/18 - 2018/19

- Installation of pump water mains from Fishers Valley to Hutts Gate, Chubbs Spring to Scotts Mill, Prosperous Bay Plain to Fishers Valley and Sharks Valley to Fishers Valley.
- Implementation of Leakage Reduction Program.
- Refurbishment of HV infrastructure from Blue Hill to Pouncey's.
- Installation of a new transformer in Jamestown.
- Construction of Barren Ground communal septic tank & soakaway system.
- Installation of new palisade boundary fence and wall at Millfield.
- Replacement of retaining wall at Harpers 3 reservoir.
- Construction of abstraction chamber at Lower Gents Bath water catchment.
- Relining of the Levelwood reservoir.

2019/20 - 2020/21

- Fabrication and construction of a new workshop and vehicle Port at Red Hill Depot.
- Painting and decorating of all Water Treatment Works and Wind Farm buildings.
- Stabilisation of embankment wall at Harpers 1 reservoir.
- Installation of raw water pipeline from Osbornes Spring to the Gumwoods.
- Installation of HDPE rising main from Willow Bank to Hutts Gate 1 reservoir.
- Signing of a Power Purchase Agreement between CSH and PASH.
- Commencement of the construction of a sewage treatment plant chamber in Ruperts.



2021/22 - 2022/23

- Installation of a GFS potable tank at New Ground.
- Water main replaced in Lower Cleugh's Plain.
- Installation of treated water pipelines from Pouncey's to Sunnyside and from Scotland to Spring Gut.
- Following conclusion of the contract with PASH, the work on the 2017 procurement was concluded. Work then started on developing an Energy Delivery Plan. This document now guides Connect's plans for energy transition.
- Barloworld technicians completed a 27,000 hour service on Generators No. 1 and No. 3.
- Connect's Authorised Persons and the Electrical team completed training from Devoltage.
- Water main replacements completed at Barracks Square and Easy Street, Ladder Hill.
- Replacement of Blueman's Field water tank.
- Dismantling, disposal and replacement of the Hospital Tank
- Upgrade of raw water pipeline from Leggs Gut to Hutts Gate, 10% complete.
- Installation of Steel Wire Armoured cable from Jimmy Lotts, Levelwood to the Warrens Gut borehole and Pump House including the construction of a borehole chamber and wellhead system, 20% complete.

