

This was one of two Ljungström steam turbines that we supplied to Brighton Corporation for Southwick "A" Power Station.

The first was delivered in 1937 and the second in 1938. The steam turbine was rated at 30 MW and so each turbine drove two 1,500 rev/min, 15 MW generators, Ljungström frame SL1563.

In the early 1940s, the 3,000 rev/min version of the turbine was updated and, between 1941 and 1946, Brush delivered 30 MW and 37.5 MW Ljungström steam turbines to Cardiff and Wolverhampton, all driving Ljungström generators.

In the early 1950s, Brush developed its own range of generators for the high speed Ljungström turbine and, in 1956, delivered two 30 MW Ljungström turbines to Doncaster Corporation and one to Northampton Corporation. Each turbine drove two Brush DA 78-63 generators, which were the basis of the 19 DAX 78-72EH and DAX 78-82EH generators supplied to the CEGB between 1962 and 1967 (and the rest, as they say, is history).

Of course, Ljungström-wise, the daddy of them all was the 50 MW unit supplied to Brighton Corporation in 1947. This was a 1,500 rev/min unit driving two Ljungström generators.