

# Save # 10 Turbine Feb power point



# # 10 bearing pedestal still in place



- 010 2011 Jan 27

# # 10 bearing pedestal still in place



» 010 2011 Jan 27

# Bearing block



»

004 2011 Jan 27

# # 10 HP lower casing



015 2010 Dec 13

# # 10 HP lower casing & rotor



013 2010 Dec 13

# # 10 HP rotor coupling bolts



»

028 2010 Dec 8

# # 10 HP rotor coupling separated



»

009 2010 Dec 13

# # 9 LP rotor



turbine coupling DSCF

# # 9 LP rotor



» 2011 Feb

# # 9 LP rotor coupling removed



001 2011 Feb 3

# HP turbine lower cladding from RH or East side



018 2011Feb 10

# # 10 turbine cladding



»

015 2011 Feb 10

# Turbine cladding



»

008 2011 Feb 10

# Turbine cladding # on inside



010 2011 Feb 10

The High Pressure plant  
Most the generating equipment is removed



# SOME ROSSDALE HISTORY

- Rossdale had 7 C. A. Parsons steam powered turbine generators.
- In 1927 a 10,000 kilowatt Parsons turbine generator was installed
- A 15,000 kilowatt Parsons turbine was installed in 1939.
- a the second 15,000 kW unit in 1944.
- Two (2) 30,000 kW Parsons units were installed in 1949 and 1953 respectively.
- Two (2) 75,000 kW Parsons units were installed in 1963 and 1966 respectively.

# History of CA Parsons

- Charles A Parsons was the inventor of the multi stage reaction turbine in 1884
- In 1927 a 10,000 kilowatt Parsons Turbine generator was installed in Rossdale
- This was the largest Parsons generator in the world to run at 3600 rpm
- Sir Charles and Lady Parsons travelled from England to Edmonton to commission the unit.

# Turbine on the south side of our museum



010 2011 Feb 10

Turbine on the south side of museum  
the generator would be for storage



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010 2011 Feb 10