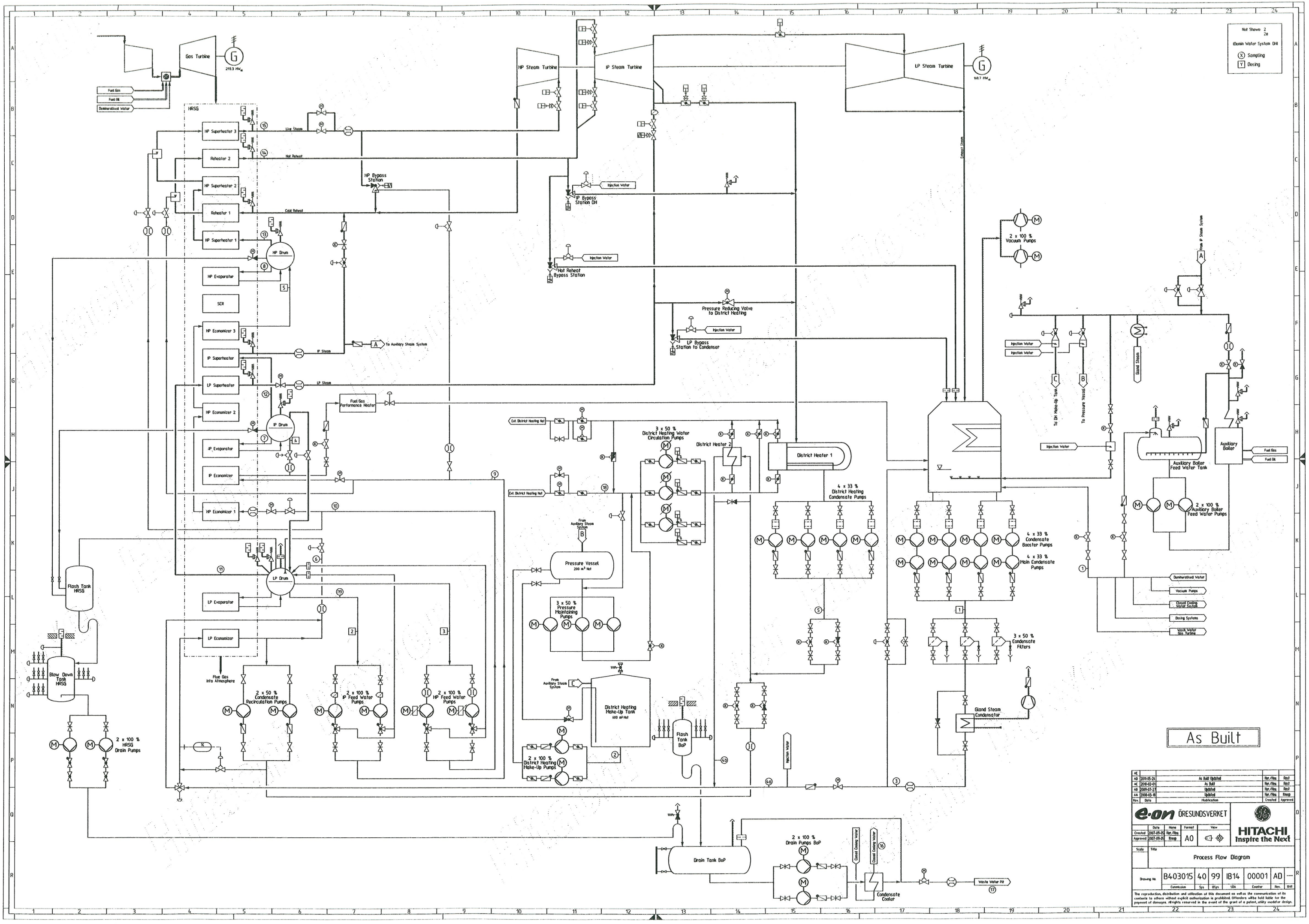
Gas Turbine
HP Steam Turbine
IP Steam Turbine
LP Steam Turbine
Not Shown 2 2a
Demin Water System DH
X Sampling
Y Dosing
Fuel Gas
Fuel Oil
Demineralised Water
HRSG
HP Superheater 3
Reheater 2
HP Superheater 2
Reheater 1
HP Superheater 1
HP Drum
HP Evaporator
SCR
HP Economizer 3
IP Superheater
LP Superheater
HP Economizer 2
IP Drum
IP Evaporator
IP Economizer
HP Economizer 1
LP Drum
LP Evaporator
LP Economizer
Live Steam
Hot Reheat
Cold Reheat
HP Bypass Station
IP Steam
To Auxiliary Steam System
LP Steam
Fuel Gas Performance Heater
Flue Gas into Atmosphere
Injection Water
IP Bypass Station DH
Hot Reheat Bypass Station
Pressure Reducing Valve to District Heating
LP Bypass Station to Condenser
Exhaust Steam
2 x 100 % Vacuum Pumps
From IP Steam System
Injection Water
To DH Make-Up Tank
To Pressure Vessel
Gland Steam
Auxiliary Boiler
Fuel Gas
Fuel Oil
Auxiliary Boiler Feed Water Tank
2 x 100 % Auxiliary Boiler Feed Water Pumps
Ext. District Heating Net
3 x 50 % District Heating Water Circulation Pumps
District Heater 2
District Heater 1
4 x 33 % District Heating Condensate Pumps
From Auxiliary Steam System
Pressure Vessel 200 m³ Net
3 x 50 % Pressure Maintaining Pumps
District Heating Make-Up Tank 600 m³ Net
2 x 100 % District Heating Make-Up Pumps
Flash Tank BoP
Flash Tank HRSG
Blow Down Tank HRSG
2 x 100 % HRSG Drain Pumps
2 x 50 % Condensate Recirculation Pumps
2 x 100 % IP Feed Water Pumps
2 x 100 % HP Feed Water Pumps
4 x 33 % Condensate Booster Pumps
4 x 33 % Main Condensate Pumps
3 x 50 % Condensate Filters
Gland Steam Condensator
Demineralised Water
Vacuum Pumps
Closed Cooling Water System
Dosing Systems
Waste Water Gas Turbine
Hydrazine
Drain Tank BoP
2 x 100 % Drain Pumps BoP
Closed Cooling Water
Condensate Cooler
Waste Water Pit
As Built
AE 2010-05-24 As Built Updated Her./Ålea Rejd
AC 2010-02-01 As Built Her./Ålea Rejd
AB 2009-07-27 Updated Her./Ålea Rejd
AA 2008-03-18 Updated Her./Ålea Rbeep
Rev. Date Modification Created Approved
e·on ÖRESUNDSVERKET
HITACHI Inspire the Next
Created 2007-09-05 Her./Ålea
Approved 2007-09-05 Rbeep
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Process Flow Diagram
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Commission Sys Utsys SBA Counter Rev. Unit
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