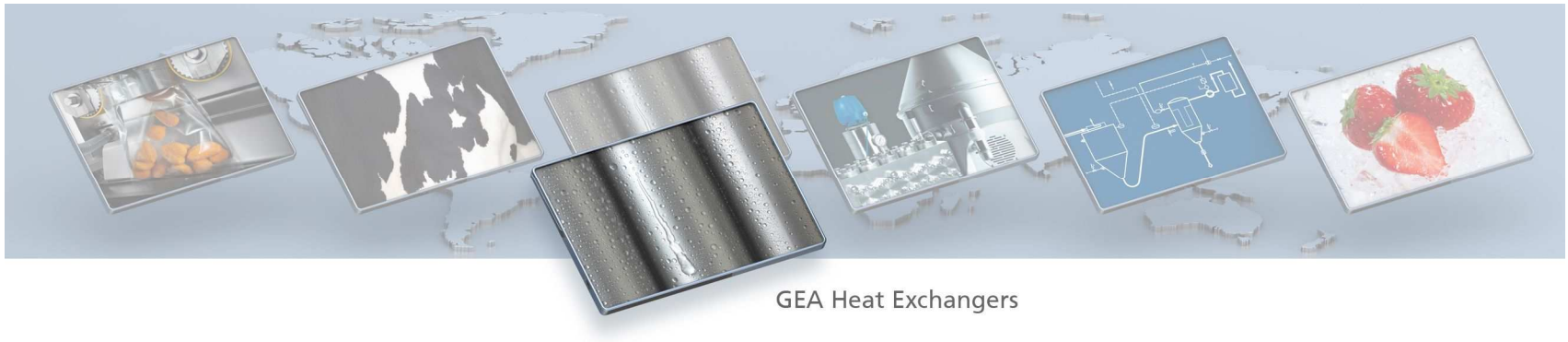

HELLER System References

Budapest, 2013

GEA EGI Contracting/Engineering Co. Ltd.
GEA Heat Exchangers

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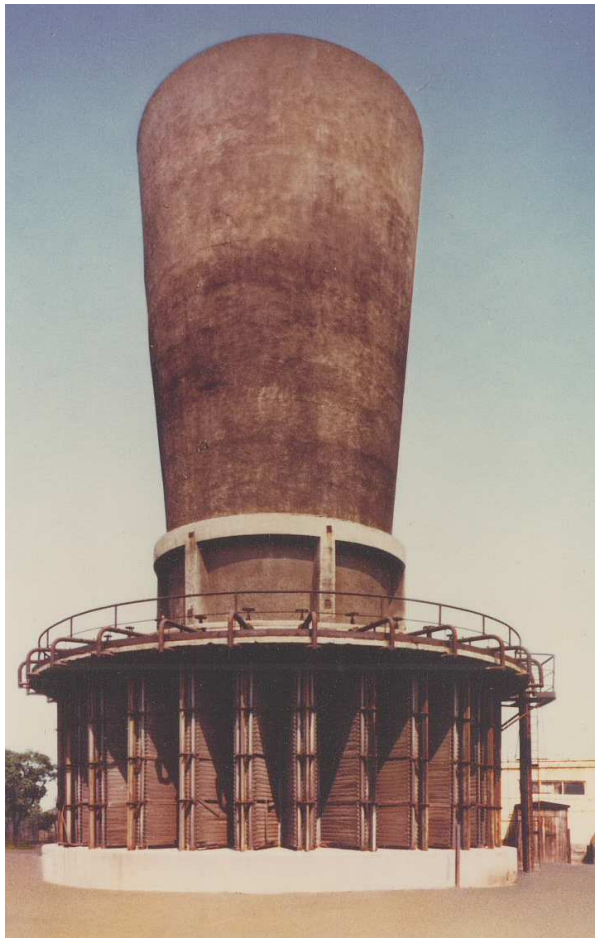
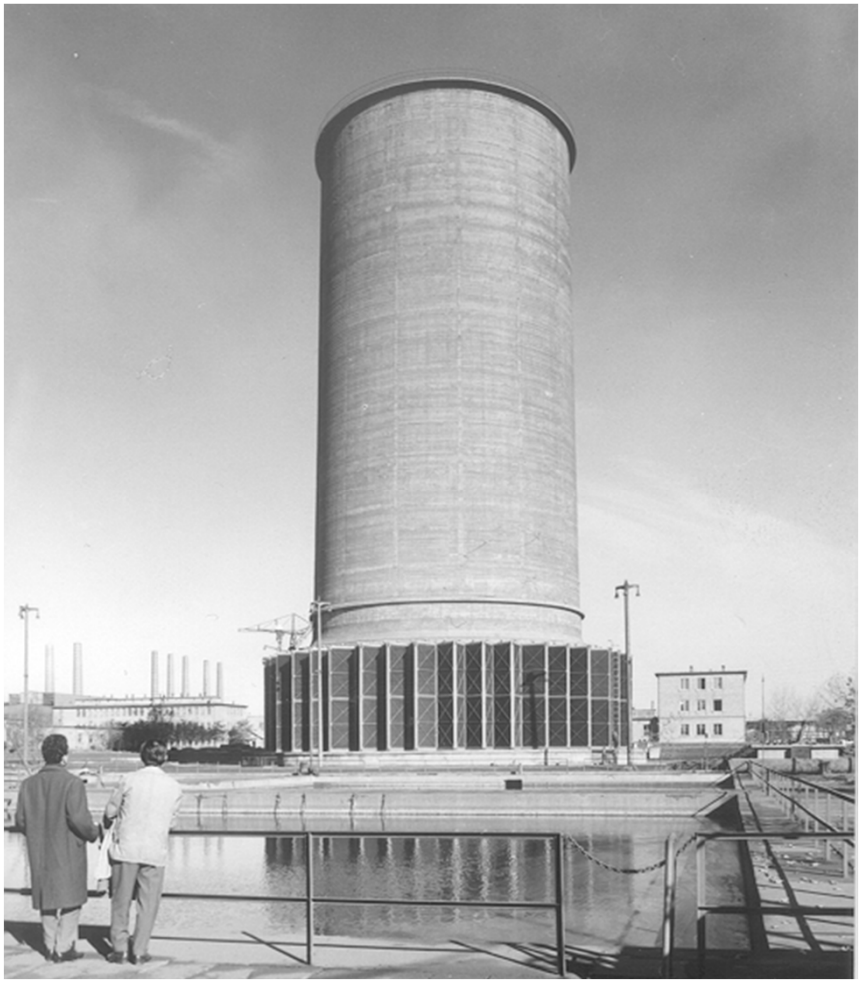
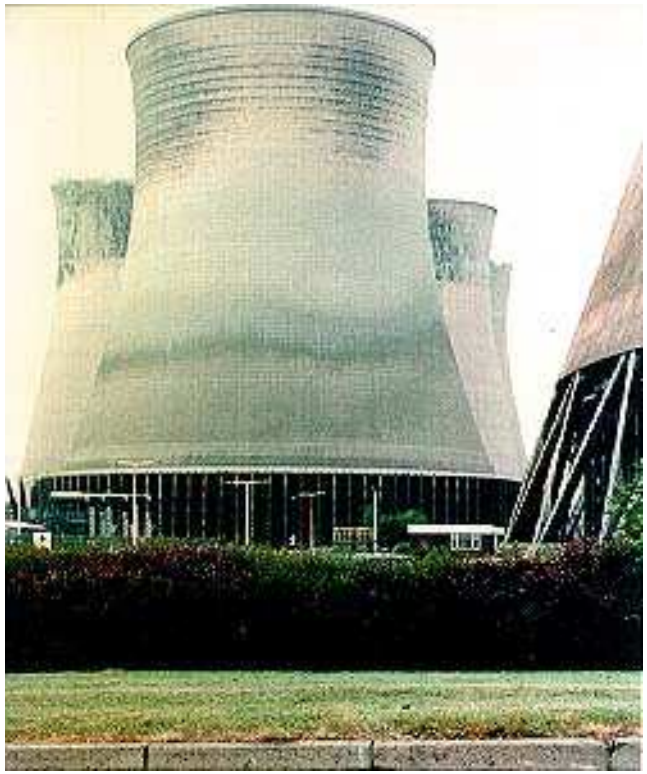


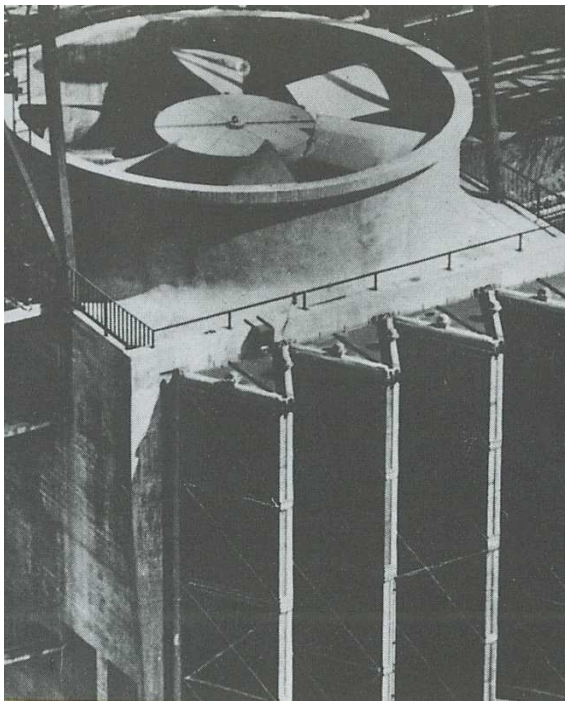
Pilot plant, Hungary, 1954
Natural draft concrete tower



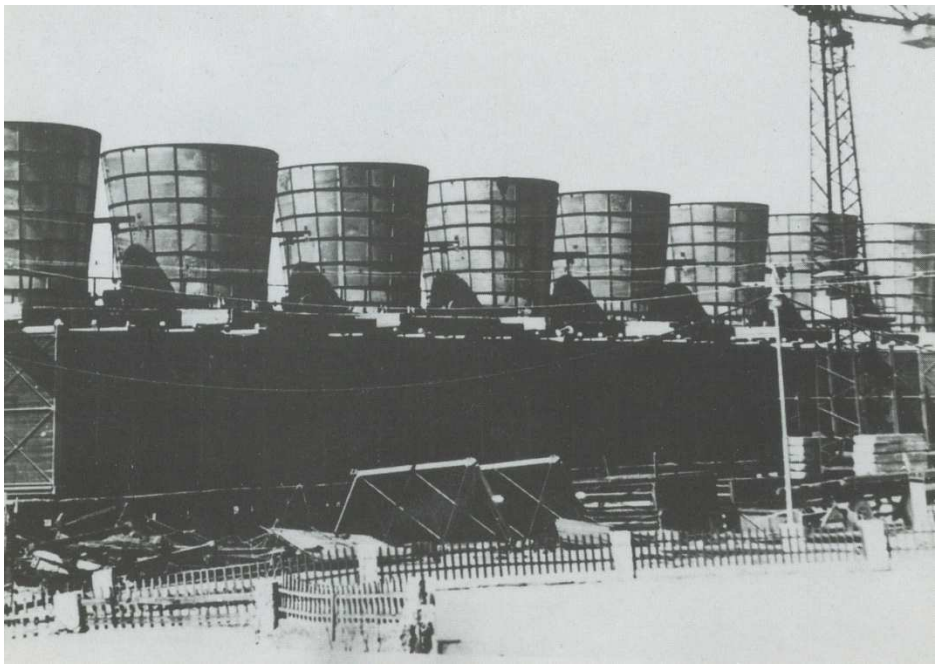
Dunaújváros Steel Mill, Hungary, 1962
Natural draft concrete tower



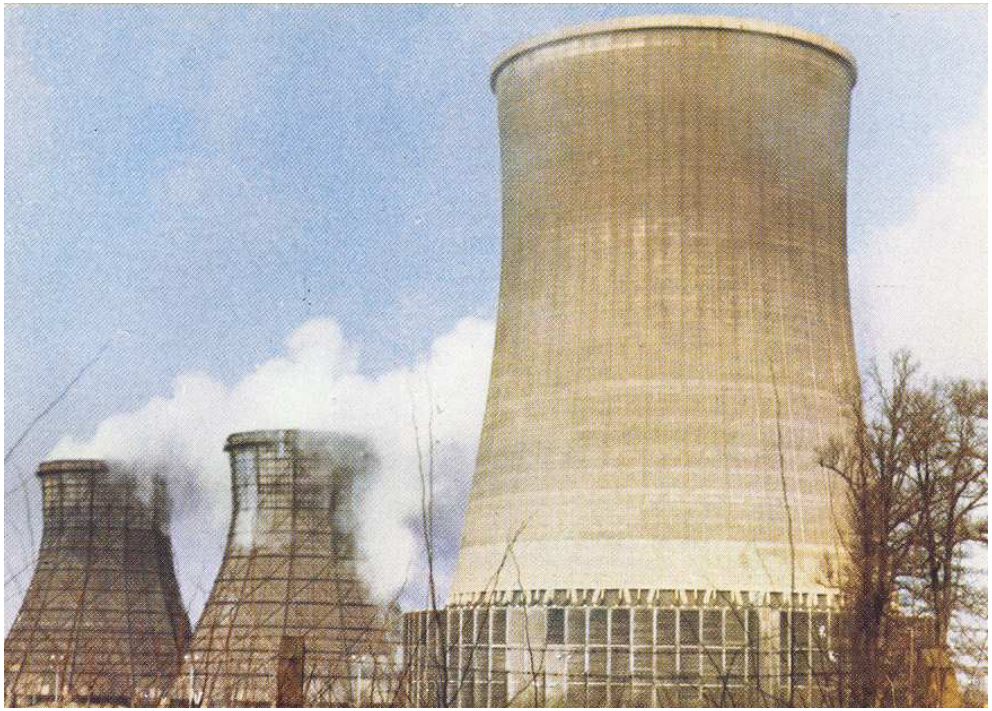
Rugeley Power Station, Unit V., United Kingdom, 1962
Natural draft concrete tower with DC Jet Condenser, decommissioned in 1994



Eilenburg Chemical Works, Germany, 1964
Induced mechanical draft tower, decommissioned



Karaganda Steel Mill, Unit No. 1-2., Kazakhstan, 1968
Mechanical draft tower with movable shutters, decommissioned



Ibbenbüren Power Station, Germany, 1967
Natural draft concrete tower with DC Jet Condenser, decommissioned



Mátra (Gagarin) Power Station, Unit I-II., Hungary, 1969-70
Natural draft concrete towers with DC Jet Condensers



Razdan Power Station, Unit I-III., Armenia, 1970-74
Natural draft steel towers with DC Jet Condensers



Flötzersteig Incinerator, Austria, 1970
Natural draft concrete tower



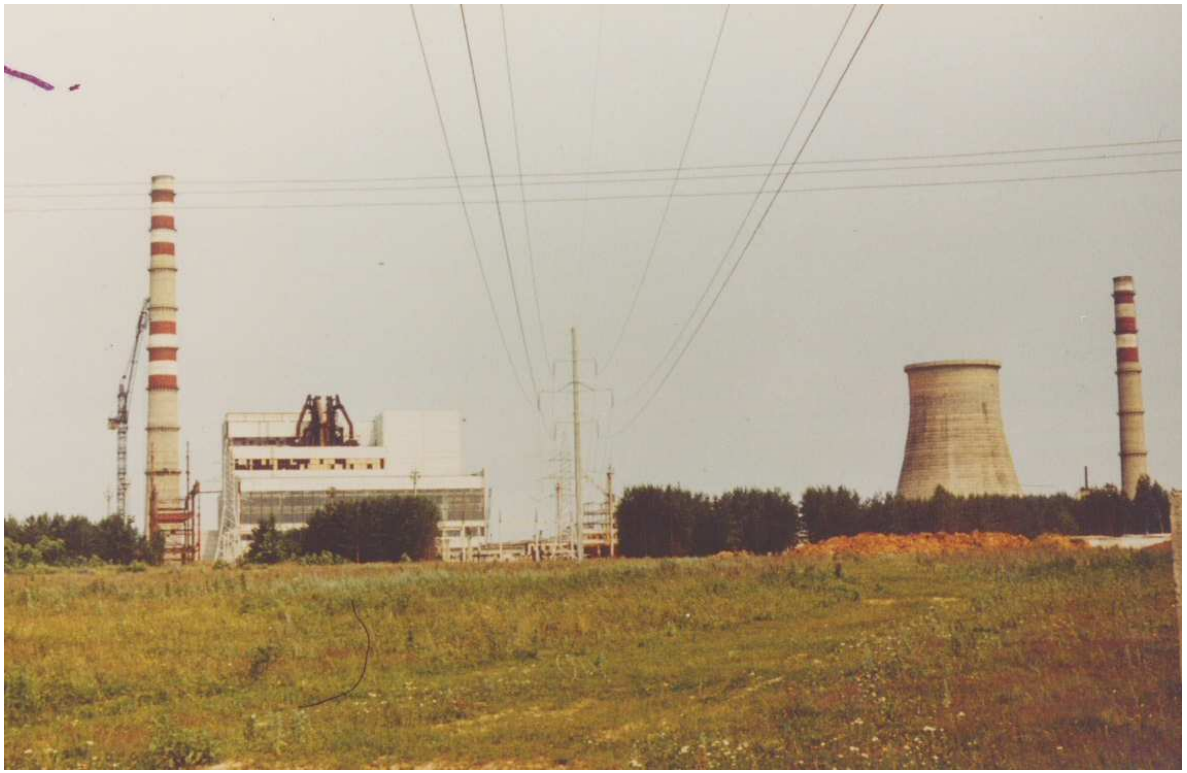
Mátra (Gagarin) Power Station, Unit IV-V., Hungary, 1972
Natural draft concrete towers with DC Jet Condensers



Bilibino Nuclear Power Station, Unit I-IV., Russia, 1972-73
Induced mechanical draft tower with surface condenser



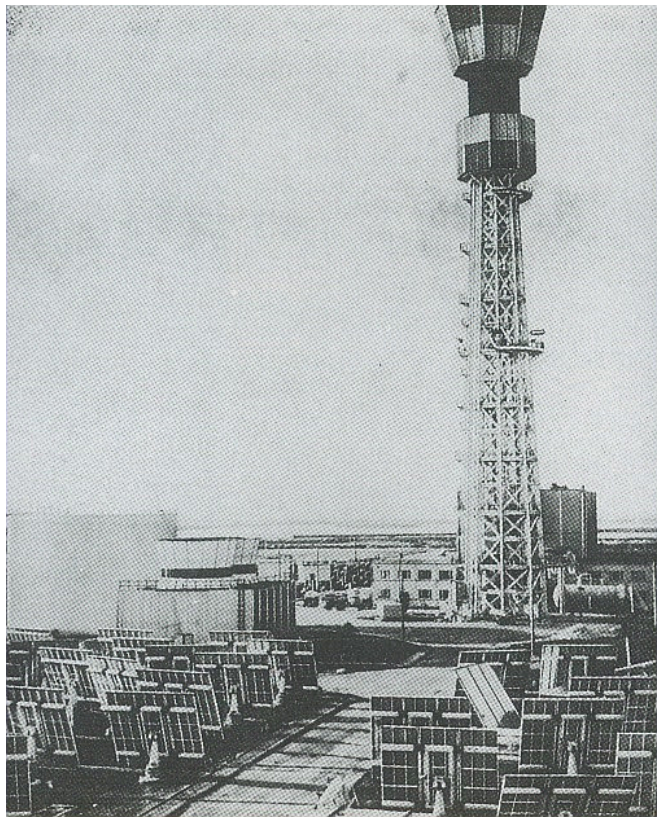
Kanegafuchi Chemical Works, Japan, 1974
Induced mechanical draft tower and supplementary spraying



Ivanovo TPP, Unit V., Russia, 1978
Natural draft concrete tower with DC Jet Condenser, decommissioned



Great Isfahan Power Station, Unit I-IV., Iran, 1984-86
Natural draft steel towers and deluged peak coolers with DC Jet Condensers



Solar Power Station, Crimea, Ukraine, 1986
Induced mechanical draft tower with surface condenser



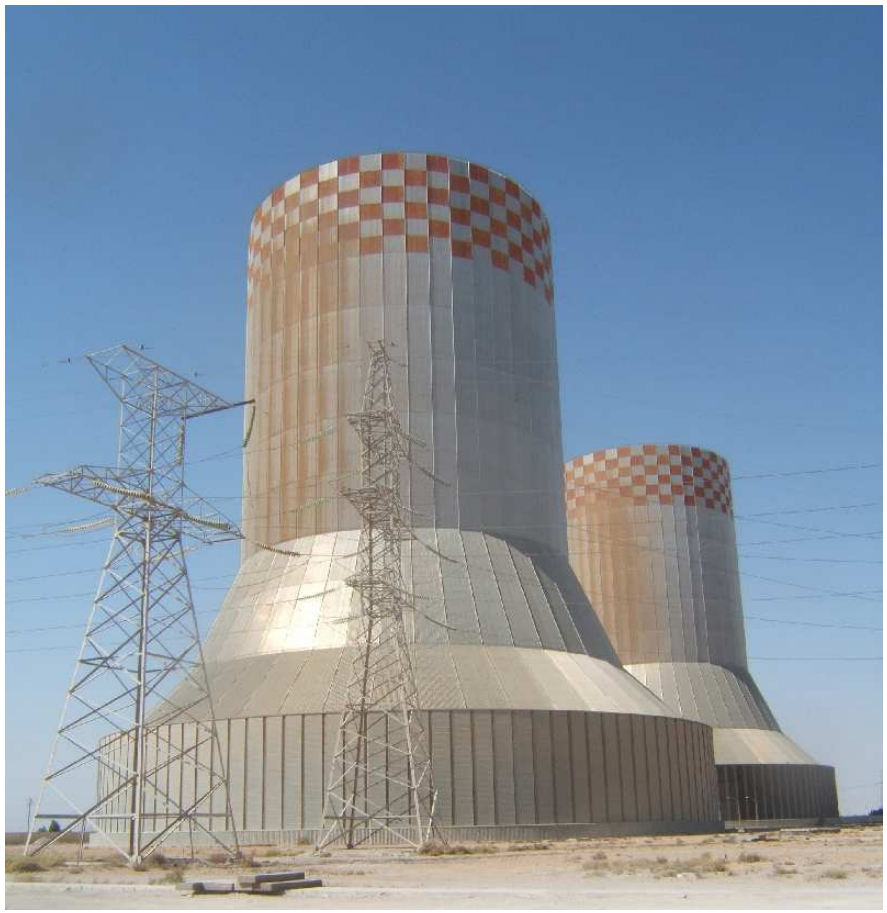
1200 MW Trakya CCPP, Unit A-D., Turkey, 1988
Natural draft concrete towers (two units served by one tower) and deluged peak coolers with DC Jet Condensers



Datong Power Station, Unit V-VI., China, 1987-88
Natural draft concrete tower and deluged peak coolers with DC Jet Condensers



Shahid Rajai Power Station, Unit I-IV., Iran, 1992-94
Natural draft steel towers and deluged peak coolers with DC Jet Condensers



Teshrin Power Station, Unit I-II., Syria, 1993
Natural draft steel towers and deluged peak coolers with DC Jet Condensers



Great Isfahan Power Station Extension, Unit V-VIII., Iran, 1995-99
Natural draft concrete towers with DC Jet Condensers



Mátra Power Station, Hungary, 1998
Dry/Wet Retrofit



Razdan Power Station, Unit V-VI. (2×300MW), Armenia,1999-2000
Natural draft steel tower (two units served by one tower)
and deluged peak coolers with DC Jet Condensers



1400 MW Bursa CCPP, Unit A-B., Turkey, 1999
Natural draft concrete towers and deluged peak coolers with DC Jet Condensers



Arak Power Station Unit I-IV., Iran, 1999-2001
Natural draft concrete towers with DC Jet Condensers
(designed by EGI, built by others)



320 MW Montazer Ghaem CCPP Unit I-III., Iran, 1999-2001
Natural draft concrete towers with DC Jet Condensers
(designed by EGI, built by others)



3×220 MW Al-Zara TPP Unit I-III., Syria, 2001
Natural draft steel towers with DC Jet Condensers



100 MW Újpest CHP, Hungary, 2001
Forced mechanical draft dry/deluged seasonal and auxiliary cooling tower



3×770 MW Adapazari CCPP, Turkey, 2002
Natural draft concrete towers with DC Jet Condensers



2×160 MW CAN CFB TPP, Turkey, 2004
Natural draft concrete tower (two units served by one tower) and deluged peak coolers with DC Jet Condensers



Vértes CHP Seasonal Cooler, Tatabánya, Hungary, 2004
Forced mechanical draft dry seasonal cooling tower



72 MW Sochi CHP, Unit 1., Russia, 2004
Induced mechanical draft steel tower and supplementary spraying with surface condenser



2×600 MW Yangcheng TPP, Phase II., Unit 7-8., China, 2007
Natural draft concrete cooling towers with surface condensers



130 MW Moscow City CHP, Russia, 2008
Forced mechanical draft winterized steel tower with surface condensers



510 MW Al Nasserieh CCPP, Syria, 2008
Natural draft steel tower with DC Jet Condenser



510 MW Zayzoun CCPP, Syria, 2008
Natural draft steel tower with DC Jet Condenser



800 MW Modugno CCPP, Italy, 2009
Induced mechanical draft steel tower with DC Jet Condenser



130 MW Strogino CCPP, Unit 1-2., Russia, 2009
Induced mechanical draft winterized steel towers with surface condensers



750 MW Deir Ali CCPP, Syria, 2009
Natural draft steel tower with DC Jet Condenser



20 MW Szakoly Biomass Power Plant, Hungary, 2009
Induced mechanical draft steel tower with DC Jet Condenser



2×660 MW Bao Ji Supercritical TPP, Unit 5-6., China, 2010
Natural draft concrete cooling towers with DC Jet Condensers; FGD-in-tower



2×180 MW Pervomaysk CHP, Unit 1-2., Russia, 2010
Induced mechanical draft winterized towers with surface condensers



72 MW Sochi CHP, Unit 3.,Russia, 2010
Induced mechanical draft steel tower and supplementary spraying with surface condenser



340 MW Tereshkovo CHP, Russia, 2011
Induced mechanical draft winterized steel tower with surface condenser



2×660 MW Shuidonggou TPP, Unit 1-2., China, 2011
Natural draft concrete towers with surface condensers



2×300 MW Shanyin TPP, Unit 1-2., China, 2012
Natural draft concrete tower (two units served by one tower) with surface condensers; FGD-in-tower



180 MW Adler CCPP, Unit 1-2., Russia, 2012
Induced mechanical draft tower and supplementary spraying with surface condenser



120 MW Novy Urengoy CCPP, Russia, 2013
Induced mechanical draft winterized tower with surface condenser
Under construction



750 MW Deir Ali II CCPP, Syria, 2013
Natural draft steel tower with DC Jet Condenser
Under construction



340 MW Kojuhovo CHP, Russia, 2014
Induced mechanical draft winterized steel tower with surface condenser
Under construction



330 MW Jinchang TPP, Unit 1-2., China, 2014
Natural draft concrete tower and supplementary spraying with surface condenser
Under construction



2×200 MW Tishreen TPP, Unit 3-4., Syria, 2015
Natural draft steel towers with DC Jet Condensers
Under construction



3×150 MW Tufanbeyli CFB TPP, Unit 1-3., Turkey, 2015
Natural draft concrete tower (three units served by one tower) and deluged peak coolers with DC jet condensers; Stack-in-tower
Under construction