



On behalf of GE I confirm that Vaptsarov JSC has delivered to GE Energy Power Generation, Hydropower product line, Turbine Components on 43 projects with a total output power of approximately 1,671 GW.
Ref.: "Reference list for deliveries to GE Hydro".

Date:

2006-05-08

For GE:

Tor Solberg

GE Energy
Power Generation

Tor Solberg

Hydro - Commodity leader fabrication and machining

TS



Vaptsarov JSC
6, Grivishko Shose
5800 Pleven
Bulgaria

Reference list

For deliveries to GE Hydro

| Client | Project | Country | Turbine Type | Units | Scope of supply | Head m | Output MW | Total Output MW | Year of delivery |
|-------------------------|-------------|-------------|--------------|-------|--|--------|-----------|-----------------|------------------|
| GE Energy (Norway) AS | Eidesfossen | Norway | Francis | 1 | Complete turbine except runner | 68 | 2 | 2 | 2000 |
| GE Energy (Norway) AS | Pindari | Australia | Francis | 2 | Complete turbine except runner | 58 | 3 | 6 | 2000 |
| GE Energy (Norway) AS | Juvfossen | Norway | Francis | 2 | Complete turbine except runner | 168 | 2 | 3 | 2001 |
| GE Energy (Norway) AS | Blafalli 5 | Norway | Francis | 1 | Complete turbine except runner | 63 | 9 | 9 | 2001 |
| GE Energy (Norway) AS | Svartkulp | Norway | Francis | 1 | Complete turbine except runner | 42 | 4 | 4 | 2001 |
| GE Energy (Norway) AS | Horse Mesa | USA | Pump | 1 | Complete turbine except runner and spiral casing | 76 | 114 | 114 | 2001 |
| GE Energy (Norway) AS | Mormon Flat | USA | Pump | 1 | Complete turbine except runner and spiral casing | 40 | 57 | 57 | 2001 |
| GE Energy (Norway) AS | Abjora | Norway | Francis | 1 | Complete turbine except runner | 433 | 97 | 97 | 2001 |
| GE Energy (Norway) AS | Essen 2 | Turkey | Francis | 2 | Complete turbine except runner | 195 | 31 | 62 | 2001 |
| GE Energy (Norway) AS | Forsland | Norway | Francis | 1 | Complete turbine except runner | 80 | 7 | 7 | 2002 |
| GE Energy (Norway) AS | Trollfjord | Norway | Francis | 1 | Runner, Guide vanes, Miscellaneous parts | 173 | 3 | 3 | 2002 |
| GE Energy (Norway) AS | Wivenhoe | Australia | Francis | 1 | Complete turbine except runner | 36 | 4 | 4 | 2002 |
| GE Energy (Norway) AS | Esti | Panama | Francis | 2 | Complete turbine except runner | 115 | 62 | 123 | 2002 |
| GE Energy (Norway) AS | El Canada | Guatemala | Pelton | 2 | Turbine housings | - | | | 2002 |
| GE Energy (Norway) AS | Tyin | Norway | Pelton | 2 | Turbine housings | - | | | 2002 |
| GE Energy (Norway) AS | Komaki | Japan | Francis | 1 | Complete turbine except runner | 68 | 22 | 22 | 2003 |
| GE Energy (Norway) AS | Soerfjord | Norway | Francis | 1 | Draft tube cone, Guide vanes | - | | | 2003 |
| GE Energy (Norway) AS | Reinset | Norway | Francis | 1 | Complete turbine except runner | 259 | 4 | 4 | 2003 |
| GE Energy (Norway) AS | Tinaroo Dam | Norway | Francis | 1 | Complete turbine except runner | 23 | 1 | 1 | 2003 |
| GE Energy (Norway) AS | Wyangala | Australia | Francis | 2 | Complete turbine except runner | 68 | 10 | 20 | 2003 |
| GE Energy (Norway) AS | Birkapili | Turkey | Pelton | 1 | Distributor | 950 | 60 | 60 | 2003 |
| GE Energy (Sweden) | Chimai | Sweden | Francis | 1 | Guide vanes | - | 25 | 25 | 2003 |
| GE Energy (Norway) AS | Oyberget 1 | Norway | Francis | 1 | Complete turbine except runner | - | 9 | 9 | 2003 |
| GE Energy (Norway) AS | Oyberget 2 | Norway | Francis | 1 | Complete turbine except runner | - | 27 | 27 | 2003 |
| GE Energy (Norway) AS | Oyberget 3 | Norway | Francis | 1 | Complete turbine except runner | - | 62 | 62 | 2003 |
| GE Energy (Sweden) | Bayano | Panama | Francis | 2 | Head cover and Lower cover | - | 46 | 92 | 2003 |
| GE Energy (Norway) AS | Biasca 1 | Switzerland | Pelton | 1 | Turbine housings | 670 | 50 | 50 | 2003 |
| General Electric Canada | Cheakamus | Canada | Francis | 1 | Guide vanes | - | 54 | 54 | 2003 |
| GE Energy (Norway) AS | Jhimruk | Norway | Francis | 1 | Guide vanes | - | 6 | 6 | 2003 |
| GE Energy (Norway) AS | Ulvik | Norway | Francis | 1 | Upper and Lower cones, Guide vanes | 370 | 20 | 20 | 2003 |
| GE Energy (Norway) AS | Biasca 2 | Switzerland | Pelton | 1 | Turbine housings | 670 | 50 | 50 | 2004 |
| GE Energy (Norway) AS | Framruste | Norway | Francis | 1 | Complete turbine except runner | 317 | 72 | 72 | 2004 |

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|-----------------------|--------------|-------------|--------------|-----------|--------------------------------|--------|-----------|-----------------|------------------|
| GE Energy (Norway) AS | Grana | Norway | Francis | 1 | Complete turbine except runner | - | 37 | 37 | 2004 |
| GE Energy (Norway) AS | Nygaard | Norway | Pump | 1 | Complete turbine except runner | 380 | 60 | 60 | 2004 |
| GE Energy (Norway) AS | Yamula | Turkey | Francis | 2 | Complete turbine except runner | 93 | 53 | 105 | 2004 |
| GE Energy (Norway) AS | Follafoss | Norway | Francis | 1 | Complete turbine except runner | 117 | 47 | 47 | 2004 |
| GE Energy (Norway) AS | Nedrefoss | Norway | Francis | 1 | Complete turbine except runner | 79 | 4 | 4 | 2004 |
| GE Energy (Norway) AS | Komaki | Japan | Francis | 1 | Complete turbine except runner | 68 | 22 | 22 | 2005 |
| GE Energy (Norway) AS | Blafalli Vik | Norway | Francis | 1 | Complete turbine except runner | 366 | 235 | 235 | 2005 |
| GE Hydro Asia | Lavarak | Iran | Francis | 2 | Complete turbine except runner | 292 | 2 | 5 | 2005 |
| GE Energy (Norway) AS | Nye Langford | Norway | Francis | 1 | Complete turbine except runner | 253 | 9 | 9 | 2005 |
| GE Energy (Norway) AS | Grimsel 1 | Switzerland | Francis | 1 | Complete turbine except runner | 174 | 32 | 32 | 2005 |
| GE Energy (Norway) AS | Biasca 3 | Switzerland | Pelton | 1 | Turbine housings | 670 | 50 | 50 | 2006 |
| | 43 | | | 53 | | | | 1 671 | |