

Hydro multi-year Service Agreements



GE Renewable Energy brings flexible and customized Operation and Maintenance (O&M) support to fit your specific needs.

Our service offerings range from remote monitoring to fully operating and maintaining your plant, as well as a wide range of performance – enhancing upgrades to keep your equipment running smoothly.

Whether you are looking for support to manage, protect and upgrade your hydropower plant with our digital applications, our teams are on the ground in more than 100 countries to meet your needs.

Our service solutions are available “a la carte” or packaged in service agreements tailored to your needs and expectations.

- **O&M contracts** are multi-year, fee-based agreements with a responsibility sharing mechanism from full O&M to a maintenance contract for core equipment only
- **Assistance agreements** offer permanent services support and immediate response via our dedicated support team
- **Frame agreements** remove the wasted time of administrative constraints by negotiating rate and reactivity for parts and services

- ✓ BETTER FINANCIAL PREDICTABILITY
- ✓ ENHANCED RELIABILITY AND AVAILABILITY
- ✓ INNOVATIVE PLANT PERFORMANCE

HYDROPOWER ASSETS OPERATING RESPONSIBILITIES SHARING



ENHANCE YOUR O&M CONTRACT WITH GE'S DIGITAL SOLUTIONS



Transforming your data into value



- Failure rate reduced up to 50%*
- Reduce Maintenance OPEX up to 20%*
- Defer CAPEX by up to 20%*



- Enhance equipment availability up to 2%*
- Avoid production losses for run-of-river plants
- Recover capacity from underperforming assets



- Leverage expert insights remotely
- Elevate knowledge of local staff
- Bridge silos across the organization

*Data based on GE Renewable Energy internal estimates

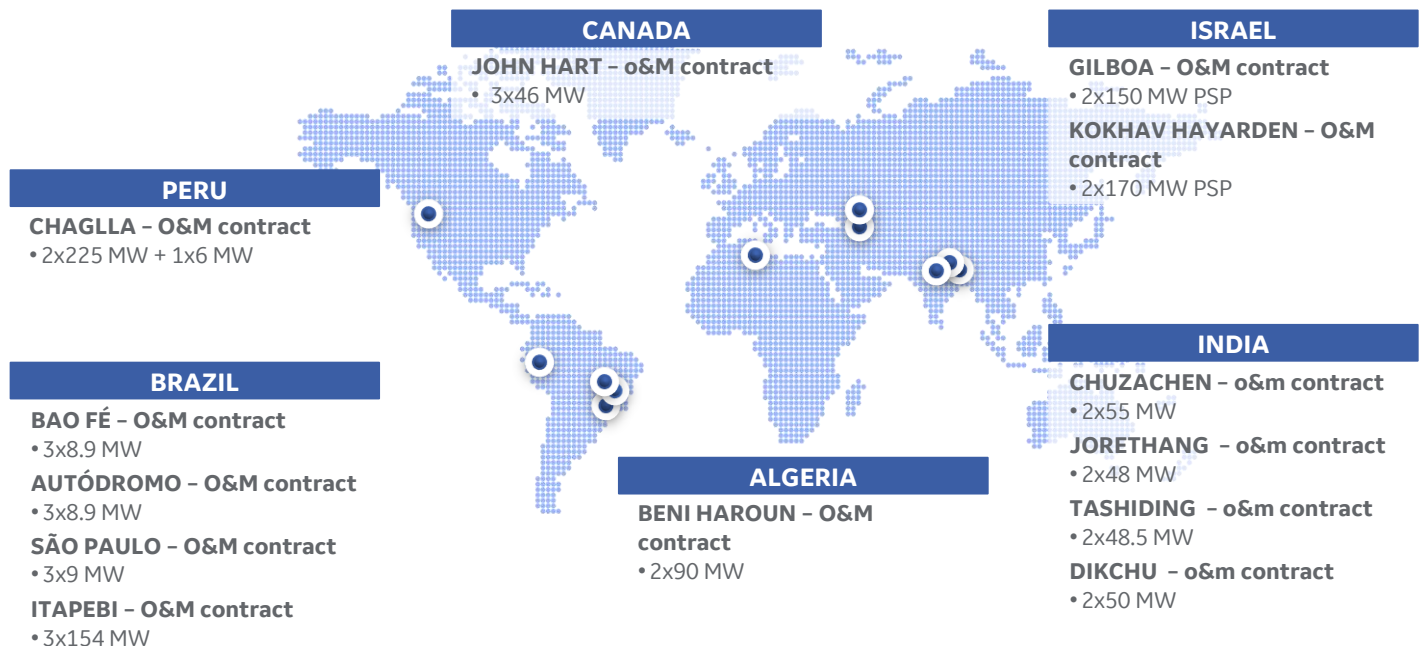


MAIN CHARACTERISTICS OF SERVICE AGREEMENT CONTRACTS

	Assistance Agreement	o&m	o&M	O&M
PLANT SCOPE	GE core equipment	GE core equipment	All plant equipment incl. Balance of Plant	All plant equipment incl. Balance of Plant
TYPICAL CONTRACT DURATION	Multi-years	≥ 5 years	≥ 7 years	≥ 10 years
GUARANTEES	48** hours response time	Equipment availability	Plant availability	Plant availability
PLANT OPERATION				✓
OPERATION SUPPORT TO CUSTOMER TEAM		✓	✓	✓
ROUTINE MAINTENANCE			✓	✓
PREVENTIVE MAINTENANCE	Optional	✓	✓	✓
CORRECTIVE MAINTENANCE	Optional	✓	✓	✓
SPARE PARTS MANAGEMENT	Optional	Optional	✓	✓
EHS MANAGEMENT			✓	✓
DIGITAL TOOLS (CMMS, APM)	Optional	Optional	✓	✓

** Country and contract specific

SOME OF GE RENEWABLE ENERGY RECENT CONTRACTS AROUND THE GLOBE





GE RENEWABLE ENERGY KEY REFERENCES

Contractual Year	Country	Plant Name	Contract Type	# of units	Plant Output (MW)
2021e	Israel	Kokhav Hayarden	O&M	2	340
2020e	Israel	Gilboa	O&M	2	300
2018	Canada	John Hart	o&M	3	138
2017	India	Dikchu	o&m	2	96
2015	India	Chuzachen	o&m	2	110
2015	India	Tashiding	o&m	2	97
2015	India	Jorethang	o&m	2	96
2015	Peru	Chaglla	O&M	2+1	456
2013	Brazil	Itapebi	O&M	3	462
2013	India	Chuzachen	o&m	2	110
2011	Brazil	São Simão	O&M	3	27
2011	Brazil	São Pedro	O&M	2	20
2011	Brazil	Santa Fé	O&M	2	31
2011	Brazil	Monte Serrat	O&M	2	26
2011	Brazil	São Paulo	O&M	2	18
2011	Brazil	Boa Fé	O&M	3	27
2011	Brazil	Autódromo	O&M	3	27
2007	Brazil	Da Ilha	O&M	3	29
2007	Algeria	Beni Haroun	O&M	2	180
2006	Brazil	Barra Grande	o&M	3	708
2004	Brazil	Pedra do Cavalo	O&M	2	160
2002	Brazil	Quebra-Queixo	O&M	3	120
2001	Brazil	Santa Clara	O&M	3	60

Contact us for more information

Hydro.OM@ge.com