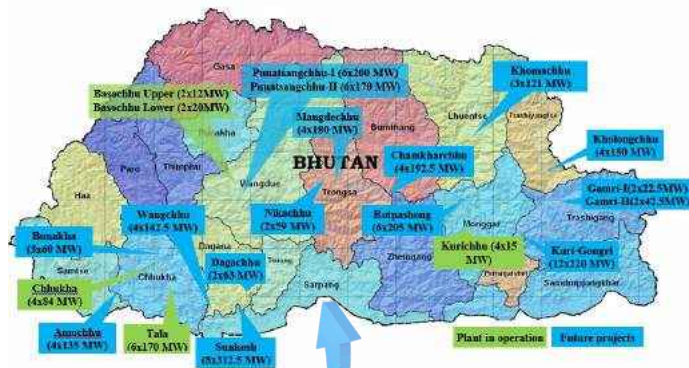


**“Based on the 8 dynamic Core Values, and Motto as “Perseverance for Excellence”, we are committed to continuous improvements in our Services.”**

**Our Capabilities**



*“By putting Ethics first, we assure that BHSL will continue to be a company that people will want to be a member, do business and invest in.” - CEO, BHSL*

**Please visit us!**

**BHUTAN HYDROPOWER SERVICES LTD.**  
 Post Box No. 164 (GPO: Gelephu)  
 Jigmeling, Dekiling Gewog,  
 Sarpang: Bhutan  
 Tel:+975-6-252778/785  
 Fax: +975-6-252779  
 www.bhsl.bt

**What we specialize in?**



*Repair & Rewinding of electric motors*



**Our standardized and optimized process involves advanced welding & fabrication, CNC machining, assembly, hard coating, planning & industrial engineering. Thus, providing a one-stop facility to our valued customers.**



**We specialize in reclamation of hydro turbine components such as runners, spear tips, nozzle liners, jet deflectors, wicket gates, seals, and other associated underwater components.**



**We can also fabricate, machine, and hard coat your precious components, to improve its life, quality, and performance and provide in-situ NDT services at your door for your convenience.**



*Reclamation of all types of hydro Runners and it's allied underwater components*



འབྲུག་གློག་མའི་འཕུལ་རྒྱུ་འཕེལ་སྐྱོད་ཚོང་འཛོལ།  
**Bhutan Hydropower Services Limited**  
 (A Joint Venture Company of DrukGreen & ALSTOM)



**“Perseverance for Excellence”**



**ONE - STOP HYDROPOWER SERVICE CENTER**

*- Assuring customer admiration*

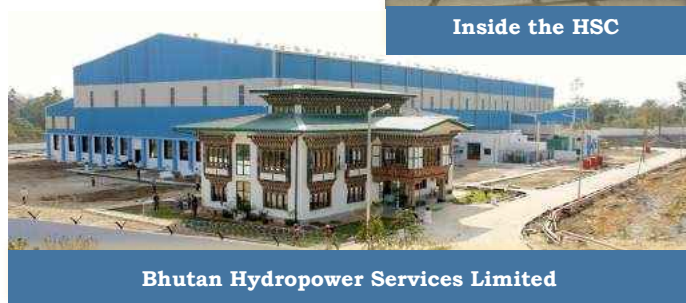
# WHO WE ARE

**BHUTAN HYDROPOWER SERVICES LIMITED** (BHSL) was incorporated on 23<sup>rd</sup> of October, 2012, under the Companies Act of the Kingdom of Bhutan 2000, as a Joint Venture between:

DRUK GREEN POWER CORPORATION LIMITED, a Royal Government of Bhutan undertaking and a company incorporated under the provisions of the Companies Act of Kingdom of Bhutan 2000 and ALSTOM, a company incorporated under the provisions of the laws of France. BHSL has established a state-of-the-art One-Stop Hydropower Service Center (HSC) at Jigmeling, under



Inside the HSC



Bhutan Hydropower Services Limited

Sarpang District in the Kingdom of Bhutan.

At BHSL, we specialize in reclamation of hydro runners and allied underwater components such as nozzles tips, deflectors, deflector shaft and liners, hub, guide vanes, wearing rings and face plates using advanced CNC machine tools & special equipment; MIG/TIG welding; and HVOF hard coating facility. We also carry out all kinds of machining and mechanical material testing jobs, with micro-structural examination. We also have a modern facility for repair and re-winding of electric motors. BHSL is connected via excellent domestic & international road network, and a domestic airport. BHSL offers one-stop services to the hydropower stations in Bhutan. Market also exists in the neighboring countries.

## Vision



## Mission

**“At BHSL, our mission is to happily serve and consistently delight our clients and stakeholders in the hydropower industry. We will pursue and steer the wheel of hydropower knowledge to enable ourselves and others to excel”**

A key adoption in the Hydropower Service Center is “Hydro manufacturing concept” (HMC) established by ALSTOM. HMC is based on the “Lean Concept” that streamlines process, improves efficiency, ensures high quality with low cost, reduces waste, and enhances health & safety of employees, that would ultimately enable to deliver fast, best quality, and affordable services to our customers.



BHSL employees with the Board of Directors



# CORPORATE SOCIAL RESPONSIBILITY

## E- initiatives

At BHSL, one of our core values is being green-centric; in our spirits and actions through our “E-initiatives” program. The E-initiatives Program was launched on 16th March, 2013, for care and support of the employees and stakeholders of BHSL. At BHSL, we are building a Company where employee’s health & safety and environmental care are given the topmost priority. We have successfully completed all project activities with “zero man-days” lost, a record, we will continue to pursue.



Today, BHSL boasts of its pursuit for a clean environment, health and safety (EHS) of its employees and stakeholders.



# OUR MAIN MACHINES & EQUIPMENT

## MACHINES

## SPECIFICATIONS

CNC Vertical Lathe Machine	: Max turning diameter of 5m, table carrying capacity of 60 MT.
CNC Oxy-Fuel and Plasma Cutting Machines	: To cut carbon steel up to 200 mm, and stainless steel up to 40 mm.
CNC Horizontal Lathe Machine	: Max length of 3,000 mm and max turning length of 1,100 mm, carrying capacity of 8 MT.
CNC Large Boring Machine	: Max movement permissible of 7 axes, can carry max. weight of 45 MT.
CNC Small Boring Machine	:Max movement permissible of 6 axes, can carry max weight of 20 MT.
HVOF Hard Coating System	: Hard coating of jobs with height up to 2,900 mm, Diameter 5,500 mm.
Motor Coil Winding Machine	: 2 to 200 HP.
Electric SR Furnace	: Stress Relieving of Carbon Steel and Stainless Steel Components with maximum heating capacity of 720 deg. C.
Shot Blasting Booth	: Blasting of metal surface by steel shots and grits through pressurized air.