

## **North America Hydropower Generator Repair and Maintenance Market Report and Forecast 2024-2032**

Market Report | 2023-11-25 | 182 pages | EMR Inc.

### **AVAILABLE LICENSES:**

- Single User License \$2799.00
- Five User License \$3999.00
- Corporate License \$4999.00

### **Report description:**

North America Hydropower Generator Repair and Maintenance Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the North America hydropower generator repair and maintenance market is projected to grow at a CAGR of 9.30% between 2024 and 2032 reaching a value of around USD 1.26 billion by 2032. Aided by the escalating reliance on renewable energy sources and the aging hydropower infrastructure in the region, the market is expected to grow significantly by 2032.

Hydropower, a primary renewable energy source, harnesses the energy of flowing or falling water to generate electricity. North America, home to some of the world's most extensive hydropower stations, relies heavily on this eco-friendly energy source. Over the years, as these hydropower facilities age, the importance of their efficient maintenance and repair becomes pivotal to ensure their uninterrupted operation and optimal energy production.

A key driver steering the North America hydropower generator repair and maintenance market growth is the escalating demand for electricity coupled with the region's commitment to reducing its carbon footprint. With the detrimental effects of climate change becoming ever more evident, there's an intensified emphasis on utilising cleaner energy sources. Hydropower, being a significant contributor to the renewable energy portfolio, has garnered substantial investments for its upkeep.

Further bolstering the North America hydropower generator repair and maintenance market demand is the awareness of the economic implications of power outages caused by non-operational hydropower stations. Efficient repair and regular maintenance reduce the downtime of these generators, ensuring a consistent power supply. This is particularly crucial in regions that predominantly rely on hydropower for their electricity needs.

Moreover, with advancements in technology, hydropower generator maintenance has evolved significantly. Predictive maintenance, enabled by digital monitoring tools, now allows for the timely detection of potential issues, averting major breakdowns. The integration of AI and machine learning in maintenance processes is further refining the efficiency and accuracy of repair works.

Furthermore, the North America hydropower generator repair and maintenance market outlook is being influenced by the fact that

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

the U.S. and Canada increasingly leaning towards sustainable energy solutions and investing in the rejuvenation of their existing infrastructure, the market is poised for considerable growth. The emphasis is on not just repair but proactive maintenance, aiming at extending the lifespan of the generators and optimising their efficiency.

#### Market Segmentation

The market can be divided based on type, service, and region.

#### Market Breakup by Type

- General Repair
- Overhaul

#### Market Breakup by Service

- On-site Service
- Off-site Service

#### Market Breakup by Region

- United States
- Canada

#### Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the North America hydropower generator repair and maintenance market. Some of the major players explored in the report by Expert Market Research are as follows:

- ABB Ltd.
- General Electric
- Integrated Power Services, LLC
- Renown Electric Motors & Repair Inc.
- Nidec Industrial Solution
- Toshiba Energy Systems & Solutions Corporation
- Others

#### About Us

Acquire unparalleled access to critical industry insights with our comprehensive market research reports, meticulously prepared by a team of seasoned experts. These reports are designed to equip decision-makers with an in-depth understanding of prevailing market trends, competitive landscapes, and growth opportunities.

Our high-quality, data-driven analysis provides the essential framework for organisations seeking to make informed and strategic decisions in an increasingly complex and rapidly evolving business environment. By investing in our market research reports, you can ensure your organisation remains agile, proactive, and poised for success in today's competitive market.

Don't miss the opportunity to elevate your business intelligence and strengthen your strategic planning. Secure your organisation's future success by acquiring one of our Expert Market Research reports today.

\*We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

#### Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
  - 3.1 Market Definition and Outlook
  - 3.2 Properties and Applications
  - 3.3 Market Analysis
  - 3.4 Key Players
- 4 Key Assumptions

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 5 Executive Summary
  - 5.1 Overview
  - 5.2 Key Drivers
  - 5.3 Key Developments
  - 5.4 Competitive Structure
  - 5.5 Key Industrial Trends
- 6 Market Snapshot
- 7 Opportunities and Challenges in the Market
- 8 North America Hydropower Generator Repair and Maintenance Market Analysis
  - 8.1 Key Industry Highlights
  - 8.2 North America Hydropower Generator Repair and Maintenance Historical Market (2018-2023)
  - 8.3 North America Hydropower Generator Repair and Maintenance Market Forecast (2024-2032)
  - 8.4 North America Hydropower Generator Repair and Maintenance Market by Type
    - 8.4.1 General Repair
      - 8.4.1.1 Historical Trend (2018-2023)
      - 8.4.1.2 Forecast Trend (2024-2032)
    - 8.4.2 Overhaul
      - 8.4.2.1 Historical Trend (2018-2023)
      - 8.4.2.2 Forecast Trend (2024-2032)
  - 8.5 North America Hydropower Generator Repair and Maintenance Market by Service
    - 8.5.1 On-site Service
      - 8.5.1.1 Historical Trend (2018-2023)
      - 8.5.1.2 Forecast Trend (2024-2032)
    - 8.5.2 Off-site Service
      - 8.5.2.1 Historical Trend (2018-2023)
      - 8.5.2.2 Forecast Trend (2024-2032)
  - 8.6 North America Hydropower Generator Repair and Maintenance Market by Region
    - 8.6.1 United States
    - 8.6.2 Canada
- 9 Regional Analysis
  - 9.1 United States
    - 9.1.1 Historical Trend (2018-2023)
    - 9.1.2 Forecast Trend (2024-2032)
    - 9.1.3 Breakup by Type
    - 9.1.4 Breakup by Service
    - 9.1.5 Breakup by Region
      - 9.1.5.1 West
      - 9.1.5.2 South
      - 9.1.5.3 Northwest
      - 9.1.5.4 Midwest
  - 9.2 Canada
    - 9.2.1 Historical Trend (2018-2023)
    - 9.2.2 Forecast Trend (2024-2032)
    - 9.2.3 Breakup by Type
    - 9.2.4 Breakup by Service
    - 9.2.5 Breakup by Region
      - 9.2.5.1 Central Canada

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 9.2.5.2 West Coast
  - 9.2.5.3 Prairie Provinces
  - 9.2.5.4 Others
- 10 Market Dynamics
  - 10.1 SWOT Analysis
    - 10.1.1 Strengths
    - 10.1.2 Weaknesses
    - 10.1.3 Opportunities
    - 10.1.4 Threats
  - 10.2 Porter's Five Forces Analysis
    - 10.2.1 Supplier's Power
    - 10.2.2 Buyer's Power
    - 10.2.3 Threat of New Entrants
    - 10.2.4 Degree of Rivalry
    - 10.2.5 Threat of Substitutes
  - 10.3 Key Indicators for Demand
  - 10.4 Key Indicators for Price
- 11 Value Chain Analysis
- 12 Competitive Landscape
  - 12.1 Market Structure
  - 12.2 Company Profiles
    - 12.2.1 ABB Ltd.
      - 12.2.1.1 Company Overview
      - 12.2.1.2 Product Portfolio
      - 12.2.1.3 Demographic Reach and Achievements
      - 12.2.1.4 Certifications
    - 12.2.2 General Electric
      - 12.2.2.1 Company Overview
      - 12.2.2.2 Product Portfolio
      - 12.2.2.3 Demographic Reach and Achievements
      - 12.2.2.4 Certifications
    - 12.2.3 Integrated Power Services, LLC
      - 12.2.3.1 Company Overview
      - 12.2.3.2 Product Portfolio
      - 12.2.3.3 Demographic Reach and Achievements
      - 12.2.3.4 Certifications
    - 12.2.4 Renown Electric Motors & Repair Inc.
      - 12.2.4.1 Company Overview
      - 12.2.4.2 Product Portfolio
      - 12.2.4.3 Demographic Reach and Achievements
      - 12.2.4.4 Certifications
    - 12.2.5 Nidec Industrial Solution
      - 12.2.5.1 Company Overview
      - 12.2.5.2 Product Portfolio
      - 12.2.5.3 Demographic Reach and Achievements
      - 12.2.5.4 Certifications
    - 12.2.6 Toshiba Energy Systems & Solutions Corporation

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 12.2.6.1 Company Overview
- 12.2.6.2 Product Portfolio
- 12.2.6.3 Demographic Reach and Achievements
- 12.2.6.4 Certifications

#### 12.2.7 Others

### 13 Key Trends and Developments in the Market

#### List of Key Figures and Tables

1. North America Hydropower Generator Repair and Maintenance Market: Key Industry Highlights, 2018 and 2032
2. North America Hydropower Generator Repair and Maintenance Historical Market: Breakup by Type (USD Million), 2018-2023
3. North America Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Type (USD Million), 2024-2032
4. North America Hydropower Generator Repair and Maintenance Historical Market: Breakup by Service (USD Million), 2018-2023
5. North America Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Service (USD Million), 2024-2032
6. North America Hydropower Generator Repair and Maintenance Historical Market: Breakup by Country (USD Million), 2018-2023
7. North America Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Country (USD Million), 2024-2032
8. United States Hydropower Generator Repair and Maintenance Historical Market: Breakup by Type (USD Million), 2018-2023
9. United States Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Type (USD Million), 2024-2032
10. United States Hydropower Generator Repair and Maintenance Historical Market: Breakup by Service (USD Million), 2018-2023
11. United States Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Service (USD Million), 2024-2032
12. United States Hydropower Generator Repair and Maintenance Historical Market: Breakup by Region (USD Million), 2018-2023
13. United States Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Region (USD Million), 2024-2032
14. Canada Hydropower Generator Repair and Maintenance Historical Market: Breakup by Type (USD Million), 2018-2023
15. Canada Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Type (USD Million), 2024-2032
16. Canada Hydropower Generator Repair and Maintenance Historical Market: Breakup by Service (USD Million), 2018-2023
17. Canada Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Service (USD Million), 2024-2032
18. Canada Hydropower Generator Repair and Maintenance Historical Market: Breakup by Region (USD Million), 2018-2023
19. Canada Hydropower Generator Repair and Maintenance Market Forecast: Breakup by Region (USD Million), 2024-2032
20. North America Hydropower Generator Repair and Maintenance Market Structure

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## North America Hydropower Generator Repair and Maintenance Market Report and Forecast 2024-2032

Market Report | 2023-11-25 | 182 pages | EMR Inc.

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

### ORDER FORM:

Select license	License	Price
	Single User License	\$2799.00
	Five User License	\$3999.00
	Corporate License	\$4999.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ \*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-04"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)  
[www.scotts-international.com](http://www.scotts-international.com)