

Small Hydropower Market by Capacity (Up to 1 MW, 1–10 MW), Type (Micro Hydropower, Mini Hydropower), Components (Electromechanical Equipment, Electric infrastructure, Civil Works), and Region - Global Forecast to 2024

<https://marketpublishers.com/r/S58124B81931EN.html>

Date: November 2019

Pages: 167

Price: US\$ 5,650.00 (Single User License)

ID: S58124B81931EN

Abstracts

“The small hydropower market is projected to reach USD 3.0 billion by 2024, at a CAGR of 2.4% from 2019 to 2024.”

The global small hydropower market is projected to reach USD 3.0 billion by 2024 from an estimated market size of USD 2.6 billion in 2019, at a CAGR of 2.4% during the forecast period. The growing investments in small hydropower projects to increase rural electrification in developing countries is expected to drive the demand for small hydropower. Moreover, the financial incentives and assistance in the form of low-interest loans, grants, renewable purchase obligations, and feeding tariffs, would further aid the growth of this market. The unstable supply as the energy generated depends on seasonal highs and lows is a restraint for the growth of the small hydropower market.

“The 1–10 MW segment is expected to dominate the small hydropower market in 2019.”

The 1–10 MW segment is expected to dominate the small hydropower market in 2019 owing to the small hydropower installations in various countries across the globe. This higher share of 1–10 MW plants can be attributed to the small-scale decentralized projects being deployed in developing nations, especially in Asia Pacific, for rural electrification. Asia Pacific dominated the 1–10 MW segment of the small hydropower market. China, Vietnam, and India are the account for the significant share of the small hydropower installations in this region. The demand for small hydropower is driven by

increasing investments for rural electrification in these countries.

“The small hydropower, civil works segment is expected to hold the largest share during the forecast period. “

The civil works segment is estimated to hold the largest share of the small hydropower market, by component, from 2019 to 2024. Civil works account for the significant share of project costs in all small hydropower projects. Small hydropower plants generally do not require the construction of dams, reservoirs, or any kind of storage structure as most plants are runoff run-of-river plants. But, to properly guide the water on to turbines and to increase the water head, civil structures such as weirs are constructed. These simple civil structures are cheaper than those in large hydropower plants, but they constitute a large share of the total project cost in small hydropower plants.

“Asia Pacific is expected to lead the global small hydropower market in terms of market size”

Asia Pacific is currently the largest small hydropower market, followed by Europe and North America. China, Vietnam, and India are the world’s fastest-growing economies, contributing largely to the Asia Pacific market. The Asia Pacific market is expected to grow during the forecast period owing to the investments in rural electrification and off-grid energy generation.

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier I: 60%, Tier II: 27%, and Tier III: 13%

By Designation: C-Level: 35%, Director Level: 25%, and Others: 40%

By Region: Asia Pacific: 40%, North America: 20%, Europe: 18%, South America: 16%, and the Rest of the World: 6%

Note: Others include sales managers, marketing managers, product managers, and product engineers.

The tier of the companies is defined on the basis of their total revenue, as of 2017; Tier 1: USD 1 billion, Tier 2: USD 500 million–1 billion, and Tier 3:

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 DEFINITION
 - 1.2.1 SMALL HYDROPOWER MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 REGIONAL SCOPE
 - 1.3.3 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Breakdown of primaries
- 2.2 SCOPE
- 2.3 MARKET SIZE ESTIMATION
 - 2.3.1 DEMAND-SIDE ANALYSIS
 - 2.3.1.1 Calculation
 - 2.3.1.2 Assumptions
 - 2.3.2 SUPPLY-SIDE ANALYSIS
 - 2.3.2.1 Assumptions
 - 2.3.2.2 Calculation
 - 2.3.3 FORECAST
- 2.4 DATA TRIANGULATION
- 2.5 PRIMARY INSIGHTS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE SMALL HYDROPOWER MARKET
- 4.2 SMALL HYDROPOWER MARKET, BY CAPACITY
- 4.3 SMALL HYDROPOWER MARKET, BY TYPE
- 4.4 SMALL HYDROPOWER MARKET, BY COMPONENT
- 4.5 SMALL HYDROPOWER MARKET, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 YC SHIFT ANALYSIS

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 Small hydropower projects to increase rural electrification in developing and underdeveloped countries

5.3.1.2 Financial incentives and assistance in the form of low-interest loans, grants, renewable purchase obligations, and feed-in-tariffs for small hydropower are expected to aid the market growth

5.3.1.3 Investments in renewable and small hydropower projects in response to climate change are expected to drive the market

5.3.2 RESTRAINTS

5.3.2.1 Unstable supply, as the energy generated depends on seasonal highs and lows, can act as a deterrent for small hydropower installations

5.3.3 OPPORTUNITIES

5.3.3.1 Integration of IoT with hydropower is expected to create new opportunities

5.3.3.2 Positive outlook toward small hydropower dams to sustain life in rural communities

5.3.4 CHALLENGES

5.3.4.1 New solar photovoltaic (PV) and onshore wind power are on the verge of costing less than the marginal operating cost of hydropower

6 SMALL HYDROPOWER MARKET, BY TYPE

6.1 INTRODUCTION

6.2 MICRO HYDROPOWER

6.2.1 INVESTMENTS IN DISTRIBUTED GENERATION AND OFF-GRID PROJECTS ARE DRIVING THE MARKET IN THE MICRO HYDROPOWER SEGMENT

6.3 MINI HYDROPOWER

6.3.1 INCREASING INVESTMENTS IN RENEWABLE ENERGY TO COMBAT CLIMATE CHANGE ARE EXPECTED TO DRIVE THE MINI HYDROPOWER

SEGMENT

7 SMALL HYDROPOWER MARKET, BY COMPONENT

7.1 INTRODUCTION

7.2 ELECTROMECHANICAL EQUIPMENT

7.2.1 TURBINE

7.2.2 GENERATOR

7.2.3 OTHER EQUIPMENT

7.3 ELECTRIC INFRASTRUCTURE

7.3.1 GRID-CONNECTED SMALL HYDROPOWER PLANTS REQUIRE ADDITIONAL ELECTRIC INFRASTRUCTURE FOR RELIABLE GRID CONNECTION

7.4 CIVIL WORKS

7.4.1 CIVIL STRUCTURES ARE REQUIRED FOR BETTER EFFICIENCY AND OPTIMAL UTILIZATION OF AVAILABLE RESOURCES

7.5 OTHERS

7.5.1 ENGINEERING, STRUCTURAL, PROJECT DEVELOPMENT, AND ENVIRONMENTAL MITIGATION ACTIVITIES ARE NECESSARY FOR PROPER SMALL HYDROPOWER PROJECT EXECUTION

8 SMALL HYDROPOWER MARKET, BY CAPACITY

8.1 INTRODUCTION

8.2 UP TO 1 MW

8.2.1 INCREASING INVESTMENTS IN RURAL ELECTRIFICATION ARE DRIVING THE UP TO 1 MW SEGMENT

8.3 1–10 MW

8.3.1 RURAL ELECTRIFICATION AND RENEWABLE ENERGY TARGETS ARE DRIVING THE 1–10 MW SEGMENT IN THE SMALL HYDROPOWER MARKET

9 SMALL HYDROPOWER MARKET, BY REGION

9.1 INTRODUCTION

9.1.1 BY CAPACITY

9.1.2 BY COMPONENT

9.1.2.1 By subcomponent

9.1.3 BY REGION

9.2 ASIA PACIFIC

9.2.1 BY CAPACITY

9.2.2 BY COMPONENT

9.2.2.1 By subcomponent

9.2.2.2 By country

9.2.3 BY TYPE

9.2.4 BY COUNTRY

9.2.4.1 China

9.2.4.1.1 Rapid increase in the economic growth with high demand for power will lead to an increase in the demand for small hydropower in China

9.2.4.2 India

9.2.4.2.1 Various initiatives taken by the Indian government for small hydropower will drive the market in the country

9.2.4.3 Vietnam

9.2.4.3.1 National level commitment to increase energy generation from small hydropower plants are expected to drive the market in Vietnam

9.2.4.4 Japan

9.2.4.4.1 Previously, untapped sources such as low-head nonpowered dams now present new opportunities for small hydropower development

9.2.4.5 Rest of Asia Pacific

9.2.4.5.1 Rise in the total electricity generation through hydropower, and the growing focus on small hydropower are the driving factors for the small hydropower market in the Rest of Asia Pacific region

9.3 EUROPE

9.3.1 BY CAPACITY

9.3.2 BY COMPONENT

9.3.2.1 By subcomponent

9.3.2.2 By country

9.3.3 BY TYPE

9.3.4 BY COUNTRY

9.3.4.1 Norway

9.3.4.1.1 Growing demand for electricity will drive the need for small hydropower plants in Norway

9.3.4.2 France

9.3.4.2.1 Government initiatives and target to increase small hydropower projects are expected to drive the market for small hydropower in France

9.3.4.3 Italy

9.3.4.3.1 Government initiatives to reduce the environmental effect caused due to large hydropower projects will drive the market for small hydropower in Italy

9.3.4.4 Austria

9.3.4.4.1 Upcoming projects related to small hydropower with favorable government initiatives will lead to the growth of the small hydropower market in Austria

9.3.4.5 Turkey

9.3.4.5.1 Increase in the power demand and rise in the installation of hydropower plants reflect the growth of the small hydropower market in Turkey

9.3.4.6 Rest of Europe

9.3.4.6.1 Investments in off-grid energy generation supported by government initiatives are contributing to the small hydropower market growth

9.4 NORTH AMERICA

9.4.1 BY CAPACITY

9.4.2 BY COMPONENT

9.4.2.1 By subcomponent

9.4.2.2 By country

9.4.3 BY TYPE

9.4.4 BY COUNTRY

9.4.4.1 US

9.4.4.1.1 Strong economic growth and increase in the installed hydropower capacity year-on-year will increase the market for small hydropower in the US

9.4.4.2 Canada

9.4.4.3 Mexico

9.4.4.3.1 Rapid increase in the production of electricity through clean power plant with the aim to produce 35% of the electricity through clean sources will thrive the Mexican small hydropower market

9.5 SOUTH AMERICA

9.5.1 BY CAPACITY

9.5.2 BY COMPONENT

9.5.2.1 By subcomponent

9.5.2.2 By country

9.5.3 BY TYPE

9.5.4 BY COUNTRY

9.5.4.1 Brazil

9.5.4.1.1 Rising demand for electricity with the highest amount of installed hydropower capacity across South America reflects the demand for small hydropower in the country

9.5.4.2 Chile

9.5.4.2.1 Favorable initiatives taken by the government to increase the demand for small hydropower will drive the market in Chile

9.5.4.3 Colombia

9.5.4.3.1 Rise in the country's power generation with more than half of the portion produced by hydropower, along with the focus on small hydropower will boost the market for small hydropower in future

9.5.4.4 Rest of South America

9.5.4.4.1 Increase in electricity production and rise in the installed capacity of small hydropower will drive the market for small hydropower in the region

9.6 REST OF THE WORLD

9.6.1 BY CAPACITY

9.6.2 BY COMPONENT

9.6.2.1 By subcomponent

9.6.2.2 By country

9.6.3 BY TYPE

9.6.4 BY COUNTRY

9.6.4.1 Africa

9.6.4.2 Middle East

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 RANKING OF PLAYERS AND INDUSTRY CONCENTRATION, 2018

10.2.1 CONTRACTS & AGREEMENTS

10.2.2 NEW PRODUCT LAUNCHES

10.2.3 INVESTMENTS & EXPANSIONS

10.2.4 PARTNERSHIPS & COLLABORATIONS

10.3 COMPETITIVE LEADERSHIP MAPPING

10.3.1 VISIONARY LEADERS

10.3.2 INNOVATORS

10.3.3 DYNAMIC DIFFERENTIATORS

10.3.4 EMERGING COMPANIES

11 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, SWOT Analysis, and MnM View)*

11.1 VOITH

11.2 ANDRITZ

11.3 GE RENEWABLE ENERGY

11.4 SIEMENS

- 11.5 TOSHIBA
- 11.6 BHEL
- 11.7 SNC-LAVALIN
- 11.8 HNAC TECHNOLOGY
- 11.9 GILBERT GILKES & GORDON LTD
- 11.10 MAVEL
- 11.11 HM HYDRO
- 11.12 GANZ EEM
- 11.13 KOLEKTOR TURBOINSTITUT
- 11.14 CANYON HYDRO
- 11.15 CKD BLANSKO
- 11.16 CANADIAN HYDRO COMPONENTS
- 11.17 ATB RIVA CALZONI
- 11.18 FLOVEL
- 11.19 B FOURESS
- 11.20 GLOBAL HYDRO

*Details on Business Overview, Products Offered, Recent Developments, SWOT Analysis, and MnM View might not be captured in case of unlisted companies.

12 APPENDIX

- 12.1 INSIGHTS OF INDUSTRY EXPERTS
- 12.2 DISCUSSION GUIDE
- 12.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 12.4 AVAILABLE CUSTOMIZATIONS
- 12.5 RELATED REPORTS
- 12.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 SMALL HYDROPOWER MARKET TERMINOLOGY, BY CAPACITY:
INCLUSIONS & EXCLUSIONS

TABLE 2 SMALL HYDROPOWER MARKET TERMINOLOGY, BY TYPE:
INCLUSIONS & EXCLUSIONS

TABLE 3 SMALL HYDROPOWER MARKET TERMINOLOGY, BY COMPONENT:
INCLUSIONS & EXCLUSIONS

TABLE 4 SMALL HYDROPOWER MARKET SNAPSHOT

TABLE 5 INTEGRATION OF IOT WITH HYDROPOWER

TABLE 6 SMALL HYDROPOWER MARKET SIZE, BY TYPE, 2017–2024 (USD
THOUSAND)

TABLE 7 MICRO HYDROPOWER: SMALL HYDROPOWER MARKET SIZE, BY
REGION, 2017–2024 (USD THOUSAND)

TABLE 8 MINI HYDROPOWER: SMALL HYDROPOWER MARKET SIZE, BY REGION,
2017–2024 (USD THOUSAND)

TABLE 9 SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024
(USD THOUSAND)

TABLE 10 ELECTROMECHANICAL EQUIPMENT: SMALL HYDROPOWER MARKET
SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 11 ELECTROMECHANICAL EQUIPMENT: SMALL HYDROPOWER MARKET
SIZE, BY REGION, 2017–2024 (USD THOUSAND)

TABLE 12 TURBINE: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER
MARKET SIZE, BY REGION, 2017–2024 (USD THOUSAND)

TABLE 13 GENERATOR: ELECTROMECHANICAL EQUIPMENT, SMALL
HYDROPOWER MARKET SIZE, BY REGION, 2017–2024 (USD THOUSAND)

TABLE 14 OTHER EQUIPMENT: ELECTROMECHANICAL EQUIPMENT, SMALL
HYDROPOWER MARKET SIZE, BY REGION, 2017–2024 (USD THOUSAND)

TABLE 15 ELECTRIC INFRASTRUCTURE: SMALL HYDROPOWER MARKET SIZE,
BY REGION, 2017–2024 (USD THOUSAND)

TABLE 16 CIVIL WORKS: SMALL HYDROPOWER MARKET SIZE, BY REGION,
2017–2024 (USD THOUSAND)

TABLE 17 OTHERS: SMALL HYDROPOWER MARKET SIZE, BY REGION,
2017–2024 (USD THOUSAND)

TABLE 18 SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD
THOUSAND)

TABLE 19 UP TO 1 MW: SMALL HYDROPOWER MARKET SIZE, BY REGION,

2017–2024 (USD THOUSAND)

TABLE 20 1–10 MW: SMALL HYDROPOWER MARKET SIZE, BY REGION,
2017–2024 (USD THOUSAND)

TABLE 21 SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD
THOUSAND)

TABLE 22 SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024
(USD THOUSAND)

TABLE 23 ELECTROMECHANICAL EQUIPMENT: SMALL HYDROPOWER MARKET
SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 24 ELECTROMECHANICAL EQUIPMENT: SMALL HYDROPOWER MARKET
SIZE, BY REGION, 2017–2024 (USD THOUSAND)

TABLE 25 SMALL HYDROPOWER MARKET SIZE, BY REGION, 2017–2024 (USD
THOUSAND)

TABLE 26 ASIA PACIFIC: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY,
2017–2024 (USD THOUSAND)

TABLE 27 ASIA PACIFIC: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT,
2017–2024 (USD THOUSAND)

TABLE 28 ASIA PACIFIC: ELECTROMECHANICAL EQUIPMENT, SMALL
HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD
THOUSAND)

TABLE 29 ASIA PACIFIC: ELECTROMECHANICAL EQUIPMENT, SMALL
HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)

TABLE 30 ASIA PACIFIC: SMALL HYDROPOWER MARKET SIZE, BY TYPE,
2017–2024 (USD THOUSAND)

TABLE 31 ASIA PACIFIC: SMALL HYDROPOWER MARKET SIZE, BY COUNTRY,
2017–2024 (USD THOUSAND)

TABLE 32 CHINA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY,
2017–2024 (USD THOUSAND)

TABLE 33 CHINA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT,
2017–2024 (USD THOUSAND)

TABLE 34 CHINA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER
MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 35 INDIA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024
(USD THOUSAND)

TABLE 36 INDIA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT,
2017–2024 (USD THOUSAND)

TABLE 37 INDIA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER
MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 38 VIETNAM: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY,

2017–2024 (USD THOUSAND)

TABLE 39 VIETNAM: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 40 VIETNAM: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 41 JAPAN: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 42 JAPAN: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 43 JAPAN: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 44 REST OF ASIA PACIFIC: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 45 REST OF ASIA PACIFIC: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 46 REST OF ASIA PACIFIC: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 47 EUROPE: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 48 EUROPE: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 49 EUROPE: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 50 EUROPE: ELECTRO-MECHANICAL EQUIPMENT SMALL HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)

TABLE 51 EUROPE: SMALL HYDROPOWER MARKET SIZE, BY TYPE, 2017–2024 (USD THOUSAND)

TABLE 52 EUROPE: SMALL HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)

TABLE 53 NORWAY: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 54 NORWAY: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 55 NORWAY: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 56 FRANCE: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 57 FRANCE: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT,

2017–2024 (USD THOUSAND)

TABLE 58 FRANCE: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 59 ITALY: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 60 ITALY: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 61 ITALY: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 62 AUSTRIA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 63 AUSTRIA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 64 AUSTRIA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 65 TURKEY: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 66 TURKEY: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 67 TURKEY: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 68 REST OF EUROPE: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 69 REST OF EUROPE: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 70 REST OF EUROPE: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 71 NORTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 72 NORTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 73 NORTH AMERICA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 74 NORTH AMERICA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)

TABLE 75 NORTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY TYPE, 2017–2024 (USD THOUSAND)

- TABLE 76 NORTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)
- TABLE 77 US: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)
- TABLE 78 US: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 79 US: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 80 CANADA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)
- TABLE 81 CANADA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 82 CANADA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 83 MEXICO: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)
- TABLE 84 MEXICO: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 85 MEXICO: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 86 SOUTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)
- TABLE 87 SOUTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 88 SOUTH AMERICA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 89 SOUTH AMERICA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)
- TABLE 90 SOUTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY TYPE, 2017–2024 (USD THOUSAND)
- TABLE 91 SOUTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)
- TABLE 92 BRAZIL: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)
- TABLE 93 BRAZIL: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)
- TABLE 94 BRAZIL: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 95 CHILE: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 96 CHILE: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 97 CHILE: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 98 COLOMBIA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 99 COLOMBIA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 100 COLOMBIA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 101 REST OF SOUTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 102 REST OF SOUTH AMERICA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 103 REST OF SOUTH AMERICA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 104 REST OF THE WORLD: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 105 REST OF THE WORLD: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 106 REST OF THE WORLD: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 107 REST OF THE WORLD: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)

TABLE 108 REST OF THE WORLD: SMALL HYDROPOWER MARKET SIZE, BY TYPE, 2017–2024 (USD THOUSAND)

TABLE 109 REST OF THE WORLD: SMALL HYDROPOWER MARKET SIZE, BY COUNTRY, 2017–2024 (USD THOUSAND)

TABLE 110 AFRICA: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 111 AFRICA: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 112 AFRICA: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 113 MIDDLE EAST: SMALL HYDROPOWER MARKET SIZE, BY CAPACITY, 2017–2024 (USD THOUSAND)

TABLE 114 MIDDLE EAST: SMALL HYDROPOWER MARKET SIZE, BY COMPONENT, 2017–2024 (USD THOUSAND)

TABLE 115 MIDDLE EAST: ELECTROMECHANICAL EQUIPMENT, SMALL HYDROPOWER

MARKET SIZE, BY SUBCOMPONENT, 2017–2024 (USD THOUSAND)

TABLE 116 CONTRACTS & AGREEMENTS, 2018–2019

TABLE 117 NEW PRODUCT LAUNCHES, 2017–2019

TABLE 118 INVESTMENTS & EXPANSIONS, 2017–2019

TABLE 119 INVESTMENTS & EXPANSIONS, 2018–2019

List Of Figures

LIST OF FIGURES

FIGURE 1 SMALL HYDROPOWER MARKET: RESEARCH DESIGN

FIGURE 2 MAIN METRICS CONSIDERED WHILE CONSTRUCTING AND ASSESSING THE DEMAND FOR THE SMALL HYDROPOWER MARKET

FIGURE 3 INCREASING INSTALLATION OF SMALL HYDROPOWER CAPACITY IS EXPECTED TO BOOST THE GROWTH OF THE GLOBAL SMALL HYDROPOWER MARKET

FIGURE 4 MARKET ESTIMATION METHODOLOGY FOR THE GLOBAL SMALL HYDROPOWER MARKET, FROM SUPPLY SIDE

FIGURE 5 SMALL HYDROPOWER MARKET SHARE, 2018

FIGURE 6 DATA TRIANGULATION METHODOLOGY

FIGURE 7 KEY SERVICE PROVIDERS' POINT OF VIEW

FIGURE 8 1–10 MW SEGMENT IS EXPECTED TO HOLD A LARGER SHARE OF THE SMALL HYDROPOWER MARKET, BY CAPACITY, DURING THE FORECAST PERIOD

FIGURE 9 MINI HYDROPOWER SEGMENT IS EXPECTED TO LEAD THE SMALL HYDROPOWER MARKET, BY TYPE, DURING THE FORECAST PERIOD

FIGURE 10 CIVIL WORKS SEGMENT IS EXPECTED TO HOLD THE LARGEST SHARE OF THE SMALL HYDROPOWER MARKET, BY COMPONENT, DURING THE FORECAST PERIOD

FIGURE 11 ASIA PACIFIC DOMINATED THE SMALL HYDROPOWER MARKET IN 2018

FIGURE 12 INCREASING INVESTMENTS IN RURAL ELECTRIFICATION AND RENEWABLE ENERGY ARE EXPECTED TO DRIVE THE SMALL HYDROPOWER MARKET, 2019–2024

FIGURE 13 1–10 MW SEGMENT DOMINATED THE SMALL HYDROPOWER MARKET, BY CAPACITY, IN 2018

FIGURE 14 MINI HYDROPOWER SEGMENT DOMINATED THE SMALL HYDROPOWER MARKET, BY TYPE, IN 2018

FIGURE 15 CIVIL WORKS SEGMENT DOMINATED THE SMALL HYDROPOWER MARKET, BY COMPONENT, IN 2018

FIGURE 16 ASIA PACIFIC SMALL HYDROPOWER MARKET IS EXPECTED TO BE THE LARGEST DURING THE FORECAST PERIOD

FIGURE 17 SMALL HYDROPOWER MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 18 RURAL ELECTRIFICATION, BY REGION, 2017

FIGURE 19 RENEWABLE POWER INVESTMENTS, BY TYPE, 2010–2018 (USD BILLION)

FIGURE 20 MONTHLY AVERAGE FLOW OF SWAN RIVER, 2018 (MEGALITERS)

FIGURE 21 GLOBAL WEIGHTED AVERAGE TOTAL INSTALLED COSTS, BY TYPE, 2010–2018 (USD/KW)

FIGURE 22 SMALL HYDROPOWER MARKET, BY TYPE, 2018

FIGURE 23 SMALL HYDROPOWER MARKET, BY COMPONENT, 2018

FIGURE 24 SMALL HYDROPOWER MARKET, BY CAPACITY, 2018

FIGURE 25 REGIONAL SNAPSHOT: REST OF THE WORLD MARKET IS EXPECTED TO

GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 26 SMALL HYDROPOWER MARKET SHARE (VALUE), BY REGION, 2018

FIGURE 27 ASIA PACIFIC: REGIONAL SNAPSHOT

FIGURE 28 EUROPE: REGIONAL SNAPSHOT

FIGURE 29 KEY DEVELOPMENTS IN THE SMALL HYDROPOWER MARKET, 2016–2019

FIGURE 30 VOITH AND ANDRITZ LED THE SMALL HYDROPOWER MARKET IN 2018

FIGURE 31 SMALL HYDROPOWER MARKET (GLOBAL) COMPETITIVE LEADERSHIP MAPPING, 2018

FIGURE 32 VOITH: COMPANY SNAPSHOT

FIGURE 33 VOITH: SWOT ANALYSIS

FIGURE 34 ANDRITZ: COMPANY SNAPSHOT

FIGURE 35 ANDRITZ: SWOT ANALYSIS

FIGURE 36 GE RENEWABLE ENERGY: COMPANY SNAPSHOT

FIGURE 37 GE RENEWABLE ENERGY: SWOT ANALYSIS

FIGURE 38 SIEMENS: COMPANY SNAPSHOT

FIGURE 39 SIEMENS: SWOT ANALYSIS

FIGURE 40 TOSHIBA: COMPANY SNAPSHOT

FIGURE 41 TOSHIBA: SWOT ANALYSIS

FIGURE 42 BHEL: COMPANY SNAPSHOT

FIGURE 43 BHEL: SWOT ANALYSIS

FIGURE 44 SNC-LAVALIN: COMPANY SNAPSHOT

FIGURE 45 SNC-LAVALIN: SWOT ANALYSIS

I would like to order

Product name: Small Hydropower Market by Capacity (Up to 1 MW, 1–10 MW), Type (Micro Hydropower, Mini Hydropower), Components (Electromechanical Equipment, Electric infrastructure, Civil Works), and Region - Global Forecast to 2024

Product link: <https://marketpublishers.com/r/S58124B81931EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S58124B81931EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970