

# Hydrogen Power Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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## **Abstracts**

Hydrogen Power Inc. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Hydrogen Power Inc. and its competitors. This provides our Clients with a clear understanding of Hydrogen Power Inc. position in the Industry.

The report contains detailed information about Hydrogen Power Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Hydrogen Power Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Hydrogen Power Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-



term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes Hydrogen Power Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Hydrogen Power Inc. business.

## **About Hydrogen Power Inc.**

Hydrogen Power, Inc. operates as a hydrogen technology company. The company has sub-licensed a patented technology developed at the University of British Columbia (UBC) for producing hydrogen gas in a process called 'Hydrogen Now'. The sublicense is a license from GHTI, the majority shareholder of HPI, for use of technology it has licensed from the University of British Columbia, and improvements made thereby (GHTI Sublicense); sublicenses by GHTI require consent of UBC.

The company performs hydrogen-related testing, research and engineering, and has developed a patented system (Hydrogen Now) that creates hydrogen from aluminum and water. The patented technology allows hydrogen gas to be generated on-site, and is designed to directly power fuel cell or internal combustion engine application. The Hydrogen Now process would supply hydrogen at customized rates and pressures, and would provide hydrogen transportation and supply solutions from small portable applications to stationary systems.

The Hydrogen Now patented system creates hydrogen by a water-split reaction. The GHTI Sublicense grants to HPI rights to use the Technology and UBC improvements and to market, manufacture and distribute the products in the United States, Mexico, Central and South America; and non-exclusive rights to market and distribute the



products using the technology and UBC improvements in Canada, and certain nonexclusive rights to trademarks and service marks; GHTI further granted to HPI the nonexclusive, non-transferable rights to develop, modify, improve the technology.

GHTI reserved other rights, including its rights to develop, market, facilitate, sublicense, install, maintain and support the technology except as expressly granted to HPI for Canada (on a non-exclusive basis), the United States, Mexico, Central and South America (on an exclusive basis). The GHTI Sublicense also provides that HPI agrees that developments, enhancements, modifications or improvements to the technology developed, modified, enhanced or improved by HPI shall be owned by GHTI.

Hydrogen Now would be used to generate hydrogen on-site without electricity, thus offering the potential to overcome significant transportation and storage problems. The company was established to commercialize patented technology for a new method of producing hydrogen through an aluminum-assisted water split reaction process called Hydrogen in Time and Hydrogen Now. The company is investigating commercial applications that would involve the use of its proprietary technology to generate hydrogen for specific applications in a cheaper, lighter, and safer manner.

The company's technology is still in the development stage. The company has working arrangements with two university laboratories - the Department of Metals and Materials Engineering at the University of British Columbia, Canada and the Department of Metals at the University of Washington, Seattle. The company is at the early stage of testing and evaluating the commercial application of the licensed technology and the design and engineering of prototypes.

### Significant Events

FastFunds through its subsidiary Chex, in January 2006, sold all of its operating assets and have limited operations. The company also has run-off operations from its wholly owned subsidiary Nova Financial Systems, Inc., a Florida corporation.

#### History

Hydrogen Power, Inc. was founded in 2003.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need



**2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.



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## **ANALYSIS FEATURES**

#### **SWOT Analysis**

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

## **Enhanced SWOT Analysis**

Enhanced SWOT is a 3×3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

#### **PESTEL Analysis**

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.



## Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

#### IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors



integrated into one suggestive model.

#### **Porter Five Forces Analysis**

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

## **VRIO Analysis**

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity



# Reputation

# Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?
Rare?
Costly to imitate?
Organized properly?



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