

Thermal Energy International Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Thermal Energy International 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 Thermal Energy International Inc. and its competitors. This provides our Clients with a clear understanding of Thermal Energy International Inc. position in the Heavy Machinery Industry.

The report contains detailed information about Thermal Energy International 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 Thermal Energy International 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 Thermal Energy International 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 Thermal Energy International 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 Thermal Energy International Inc. business.

About Thermal Energy International Inc.

Thermal Energy International Inc. engages in the development, engineering, and supply of pollution control, heat recovery systems, and condensate return solutions.

The company's technologies have industrial, utility, commercial, and institutional applications for environmental compliance, self-funding energy retrofits, and infrastructure upgrades to plant operations. Specifically the technologies can be applied to process modifications and retrofit solutions for primary metal processing, automotive manufacturing, coal-fired power utility, petrochemical, pulp & paper, and food processing industries, as well as for sewage treatment, central or district heating, commercial building, and institutional facilities.

The company also has developed energy-from-waste solutions for combustion of solid and liquid waste via incineration and thermal destruction facilities. It provides this through two core focus areas, Energy Solutions, and Environmental research and development.

Energy Solutions



The company's energy solutions portfolio comprises three primary technologies:

FLU-ACE waste heat recovery: FLU-ACE systems are designed to process exhaust gas from combustion of all fuel types, plus process exhaust from dryers, such as from pulp and paper, and food and beverage industries. This waste heat is captured as condensed hot water and returned to process which displaces the use of fossil fuel and reduces energy costs with commensurate emission reductions.

DRY-REX low temperature biomass dryer: DRY-REX dries large quantities of biomass and biowaste at relatively low temperature. It can recover energy from 'waste' heat sources and reduces air quality concerns. It turns waste, such as bark and sludge into biofuels.

GEM Condensate Return System: The GEM Condensate return System is a permanent replacement for traditional, mechanical steam traps. Thermal Energy acquired GEM in June 2008.

Environmental Research and Development

The company engages in research and development of the THERMALONOx technology for reducing nitrogen oxide emissions (NOx) from coal-fired power plants and other industrial sources. The company is in the process of forming a joint venture at the South China University of Technology (SCUT), supported by Chinese government agencies, to establish a pilot demonstration facility which would help to the eventual commercialization of THERMALONOx.

The company, in 2009, maintained its close working relationship with Johnson Controls L.P. (JCI) for developing combined energy conservation and air pollution control solutions for their selected Canadian and U.S. customers.

In 2008, the company through its wholly-owned subsidiary, ForEverGreen Energy Inc. (FEI), implemented a 6 year contract with Fraser Paper Inc.'s Thurso mill for the delivery of 'green' energy.

Significant Events

The company, in July 2008, announced that it had completed the acquisition of Gardner Energy Management Ltd. of Bristol, U.K.



The company, during the year 2009, concluded an agreement with Kemco Systems Inc of Clearwater, Florida to become the exclusive distributor of Kemco products in all areas globally except North and South America. Kemco provides water heaters, heat recovery products, and water treatment systems to the laundry, textile, food & beverage, ready mix concrete, automotive, and other industries.

The company, in September 2008, launched a 'quick fit' line of Emerald traps for its GEM Condensate Return System.

Sales and Marketing

The company has sales agents in Canada, the United States, the United Kingdom, Ireland, Germany, Italy, Belgium, the Netherlands, Scandinavia, China, India, Malaysia, Australia, and the Middle East.

History

Thermal Energy International Inc. was incorporated in 1991.

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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^{1 –} Data availability depends on company's security policy.

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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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