**UNITED INTERNATIONAL UNIVERSITY**

**Project Report on**

“Comparative Analysis of Financial & Non-financial Performances of Fuel & Power & Engineering Companies of Bangladesh”

Course Code:

INT 4399

**Submitted by**

Roni Mallik

ID:111 131 331

BBA in Accounting

**Submitted To**

Rana Mazumder ACMA

Assistant Professor - A&IS, SOBE

United International University (UIU)

**Date of submission: 23.12.18**

**Title page:**

Comparative Analysis of Financial & Non-financial Performances of Fuel & Power & Engineering Companies of Bangladesh

**Letter of transmittal**

December23 2018

Rana Mazumdar, ACMA

Assistant Professor, AIS

United International University

Subject: Submission of project report on Comparative Analysis of Financial & Non-financial Performances of Fuel & Power & Engineering Companies of Bangladesh

Dear Sir,

I am delight to submit the report on “Comparative Analysis of Financial & Non-financial Performances of Fuel & Power & Engineering Companies of Bangladesh” that you pick out me which helps me complete my BBA degree obligation. For ready this report I gathered and interpreted all the relevant information. I gave my best effort and make this report worth full and you’re further consultancy highly appreciate if you think more furnish this report.

Thank You,

Sincerely Yours,

Roni Mallik

ID: 111 131 331

United International University

**Acknowledgement**

It’s an amazing experience for me to complete this project. I want to express my gratitude my honorable supervisor Mr. Rana Mazumdar, ACMA keep his faith on me which helps me as a motivation and I feel more interest to complete this work. You’re unconditional consultancy throughout the whole process which really superb without your help I would never complete this task.

At the end I am also so my gratefulness all of my friends, family members, faculty members those people always come forward to help me to prepare this report.

**Executive summary**

Bangladesh is important to world energy markets because of its large potential natural gas reserves. Bangladesh's location near India, plus southeast Asia, also makes it a potentially important regional energy trading hub. Bangladesh has encouraged foreign oil companies to do business in the country. At present, Shell, Texaco, Scotland's Cairn Energy PLC; Holland Sea Search, Unocal, Rexwood-Okland, and UMC Bangladesh Corporation are active in exploration under six Production Sharing Contracts (PSCs) partnership with Petrobangla .The Government of Bangladesh actively seeks foreign investment, particularly in the apparel industry, energy, power, and infrastructure projects. It offers a range of investment incentives under its industrial policy and export-oriented growth strategy with few formal distinctions between foreign and domestic private investors. Bangladesh has made gradual progress in reducing some constraints on investment, including the progress with ensuring reliable electricity, but inadequate infrastructure, limited financing capabilities, bureaucratic delays, and corruption continue to hinder foreign investment .This paper tries to understand and show the real picture of the Bangladesh Fuel, Power & Engineering sector financial and non-financial performance analysis. Corporate governance refers that conformity with rolls or standards, responsibility to someone or for some activity. Standards corporate governance major factor to acquire developed performance of an organization. It is also work to protective measure to assure share holders interest. To continue of organization performance in these terms corporate governance plays a vital role. Good corporate governance in fuel, power and engineering sector in Bangladesh practice corporate social responsibility thus a way serve simultaneously customers, employs, investors and society. It determined general measure of these companies financial condition over a specific duration of time. It is major features of economy that refer the competiveness of companies, evaluating performance of Fuel & Power & Engineering companies correctly understand their financial and non-financial status and future improvement.

**Table of contents**

**Title page .........................................................................................................................................2**

**Letter of transmittal........................................................................................................................3**

**Acknowledgement .........................................................................................................................4 Executive summary .........................................................................................................................5 Table of contents ............................................................................................................................6 Introduction of the study ...............................................................................................................7 Objective ......................................................................................................................................8**

**Methodology ..................................................................................................................................8,9**

**Limitation ....................................................................................................................................... 10**

**Scope .............................................................................................................................................. 11 Literature Review On ....................................................................................................................12,13 Industry overview ....................................................................................................................14,15**

**Analysis & Findings ................................................................................................................15-27 Recommendations & Conclusions......................................................................................... 28**

**Reference ...............................................................................................................................29-30**

**Introduction of the study**

Purpose of the study tries to explore fuel, power and engineering companies of Bangladesh .In this study calculate the listed fuel ,power and engineering companies net charge jobs. Net charge jobs means subtract from total loan amount to recovery amount. To calculate this net charge job try to understand the financial performance of the particular company. From net charge job calculate share holders can easily come to final decision about the performance of that specific company. Share holders can take decision on their investment affairs, depositors feel relax about their returns through this net charge job calculation. In this paper try to show the real picture of fuel, power and engineering sector by analysis individuals company. Show each and every portion of individual’s company strength, weakness. To see this report if more will easily every interested parties took their decision on the particular company like the particular companies board size, number of independent directors, audit committee size such like 33 categories of information available this report make this report analysis based on 33 specific features of individual bank .In this report theoretical discussion on performance analysis of fuel, power and engineering sector of Bangladesh. Performance evaluation individuals listed company by collected information and show the impact on national economy. Customer satisfaction is a major part of performance evaluation in this report evaluation customer satisfaction by collecting secondary data about customer satisfaction. Employees satisfaction, compliance analysis in this report. Companies financial performance analysis based on 33 information category in this paper. Finally, discussed corporate governance practice of fuel, power and engineering companies of Bangladesh. Corporate governance is a fantastic idea because by this theory serve all the interested party at a time this paper prepares based on mention all of the ideas.

**Objective**

The object of the report focus to construct two major arenas:

General objective

Specific objective

**General objective**

1.Major objective of the paper is firstly completed to perfection desire demand of project.

2.The Study is design to explain “Comparative Analysis of Financial & Non-financial Performances of Fuel & Power & Engineering Companies of Bangladesh”

3.Prime focus of the study is way out and understands the current situation on Fuel & Power & Engineering sector on particular aspects performance analysis.

**Specific objective**

1.To explore on the whole Fuel & Power & Engineering sector in Bangladesh.

2.To cognizant about Fuel & Power & Engineering companies of Bangladesh.

3.To aware related party about Fuel & Power & Engineering companies.

4.To know the present situation of Fuel & Power & Engineering companies of

Bangladesh.

5.To construct some recommendation for furnished the system of Fuel & Power & Engineering companies of Bangladesh.

**Methodology**

Fuel & Power & Engineering sector in Bangladesh contribute in major role to improve countries over all economy. Try to this paper comparative analysis the performance of financial and non-financial performance .

**Selection of the tropic**

The supervisor advised me to take the theme for project. My supervisor helps me and enlighten me always provide all instruction to prepare a meaning full report.

**Sources of data**

To complete this report all information are collected from secondary data such as sources are lankabangla.bd, journal, books, articles, reports and so forth.

**Data analysis**

I search, gather, understand, read and used a lot of thesis report, annual report and I used those sources for collecting my relevant report information.

**Limitation**

This paper was delivered on fundamental area of exploring Fuel & Power & Engineering companies in Bangladesh . It’s really tough task to over view of whole Fuel & Power & Engineering industries within short time only three months. It’s not plenty time to complete this type huge task. I hope my effort will be complete by further researchers. All of my obstacle I tried my best to give this report a significant shape.

**Scope**

This project study makes sense to the Fuel & Power & Engineering companies of Bangladesh related all parties. This study combination of both theoretical and conceptual explanation. All the information to prepare this report gather from secondary data sources. This report main concern to find out an analysis Fuel & Power & Engineering companies. It’s work with 33 categories of information of the Fuel & Power & Engineering companies in Bangladesh.

**Literature Review On**

**Financial Performance**

Financial performance refers to the degree which performs on financial purpose. Financial performance is a mechanism of matching the outcome of a company’s rules, regulation and operations. Financial performance works to measure a company’s whole financial condition within a particular time period. Financial performance can also be worked to make relation with the identical firms to the opposite side identical industry. Company and relevant interested group can make decision within financial performance analysis. They can take decision to answer two questions. Question is like following:

1. Determine the financial position within particular point of time

2. Determine the financial performance of the firm particular period of time

To identify the answers of two question within financial performance. Financial statement is a major part to financial analysis. Financial statement is a gathering data which present conformity to accounting procedure. Objective of financial statement is bear financial sense about a firm. Financial statement consists of two basic statements these are following:

1. The balance sheet

2. Income statement

Financial performance analysis involves analysis and explanation of financial statement which express the firm’s profitability and financial strength.

Areas of financial performance analysis:

1. Working capital analysis

2. Financial structure analysis

3. Activity analysis

4. Profitability analysis

Depend on financial performance analysis respective party involved:

1. Trade creditors

2. Bond holders

3. Investors

4. Management

Financial performance report is precise statement of financial position of the particular firm which helps the related invested party to take their decision. Financial metrics includes earnings, profit margin etc.

**Non-financial Performance**

Non-financial performance indicates that quantitative measures which cannot expressed in any form of money. Non-financial performance measures the non-financial activities of the firm. Some common examples of non-financial performance indicators are development working environment, better quality product, customer delighting, employee delighting, and management capacity, lending system, market share, research and development strategies compare to financial performance a firm advantage can take from non-financial performance. First, better performance on non-financial performance is a good impact of future performance. Manager can take decision on the base of non-financial performance which helps the firm to achieve benefit on the long run.

There are available metrics of non-financial measurement of non-financial measurement those are:

1. Company reputation

2. Customer influence and value

3. Competitiveness

4. Innovation

By analysis of non-financial performance of Fuel & Power & Engineering companies’ helps they understand their position of Fuel & Power & Engineering sector compare to their competitors. Company should more aware about their provided products and services.

Innovation is a major part of non-financial performance. By innovation company can attract customer attention gradually. With innovation company can provide better service thus a way customers experience on fuel, power and engineering company will be better. Customer will be loyal to the particular company and company can achieve higher market share.

Compensation of the employees works as a reward. Reward has a better impact on employee’s performance .Company should always concern about employees satisfaction. Employees are driver of any firm. They provide better service when they first satisfy so it’s an important part of nonfinancial performance.

**Industry Overview**

**Fuel & Power Companies**

Baraka power ltd

Bangladesh welding Electronics ltd

Petrochemical Refinery Limited

Dhaka Electric Supply Company Ltd

Doreen Power Generations and Systems Limited

Eastern Lubricants Ltd.

GBB Power Ltd

Intraco Refueling Station Limited

Jamuna Oil Company Limited

Khulna Power Company Limited

Linde Bangladesh Limited

MJL Bangladesh Limited

Meghna Petroleum Limited

Padma Oil Co. Ltd.

Power Grid Company of Bangladesh Ltd

Shahjibazar Power Co. Ltd.

Summit Power Limited

Titas Gas Transmission & Dist. Co. Ltd.

United Power Generation & Distribution Company Ltd.

**Engineering Companies**

Aftab Automobiles Limited

Anwar Galvanizing Ltd.

Appollo Ispat Complex Limited

Atlas Bangladesh Ltd

Aziz Pipes Ltd.

Bangladesh Building Systems Ltd.

BBS Cables Limited

Bangladesh Autocars Ltd.

Bangladesh Lamps Limited

Bd.Thai Aluminium Ltd.

Bengal Windsor Thermoplastics Ltd.

**Analysis & Findings**

Compare Average liability of Fuel & Power & Engineering companies (2015 VS 2016 VS 2017)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of company** | **Liability of 2017** | **Liability of 2016** | **Liability of 2015** |
| **Fuel & Power companies** |  |  |  |
| Baraka power ltd | 1773.76 | 1127.46 | 1505.186 |
| Bangladesh welding Electronics ltd | 588.301 | 406.112 | 397.432 |
| Petrochemical Refinery Limited | 183.164 | 183.43 | 184.879 |
| Dhaka Electric Supply Company Ltd | 12295.537 | 11607.495 | 8354.678 |
| Doreen Power Generations and Systems Limited | 9168.493 | 8670.496 | 8188.812 |
| Eastern Lubricants Ltd. | 244.398 | 242.487 | 240.376 |
| GBB Power Ltd | 163.705 | 146.019 | 144.484 |
| Intraco Refueling Station Limited | 131.654 | 138.351 | 139.734 |
| Jamuna Oil Company Limited | 40614.508 | 38112.24 | 36778.94 |
| Khulna Power Company Limited | 4605.173 | 5179.794 | 3228.723 |
| Linde Bangladesh Limited | 2269.576 | 2294.916 | 2298.274 |
| MJL Bangladesh Limited | 14138.187 | 10372.048 | 7565.45 |
| Meghna Petroleum Limited | 68620.927 | 62112.375 | 56808.89 |
| Padma Oil Co. Ltd. | 135.754 | 104.511 | 101.221 |
| Power Grid Company of Bangladesh Ltd | 116686 | 102531 | 101645 |
| Shahjibazar Power Co. Ltd. | 4312.807 | 5704.377 | 5865.455 |
| Summit Power Limited | 6484 | 142 | 138 |
| Titas Gas Transmission & Dist. Co. Ltd. | 1311.127 | 1299.372 | 1178.565 |
| United Power Generation & Distribution Company Ltd. | 132.383 | 595.181 | 676.295 |
| **Engineering Companies** |  |  |  |
| Aftab Automobiles Limited | 6219.965 | 4423.7 | 3453.6 |
| Anwar Galvanizing Ltd. | 177.109 | 151.364 | 145.565 |
| Appollo Ispat Complex Limited | 4654.786 | 4378.789 | 4359.594 |
| Atlas Bangladesh Ltd | 421.329 | 421.52 | 421.66 |
| Aziz Pipes Ltd. | 106.86 | 68.465 | 66.989 |
| Bangladesh Building Systems Ltd. | 1724.34 | 1544.21 | 14567.47 |
| BBS Cables Limited | 2823.946 | 2335.827 | 2132.565 |
| Bangladesh Autocars Ltd. | 39.794 | 41.804 | 43.543 |
| Bangladesh Lamps Limited | 701.871 | 690.738 | 688.978 |
| Bd.Thai Aluminium Ltd. | 1109.444 | 790.472 | 648.517 |
| Bengal Windsor Thermoplastics Ltd. | 2185.733 | 2115.509 | 1998.676 |
| Average liability | 9978.64 | 8931.07 | 8798.92 |

Liability means company legally responsible or company has a obligation for debt that company incurs. If liability increases net income of the company will decrease. Between liability and net income trends have opposite relation. Because liability trends to relation with litigation that is not good for business rather it can be more expensive and dangerous for business.

In 2017 average liability of selected company is 9978.64

In 2016 average liability of selected company is 8931.07

In 2015 average liability of selected company is 8798.92

Compare with three years indicates that liability increase 1047.57 (million) in year 2017 and 132.15(million) in year 2016. That means net income will be decrease and company liability will increase.

**Compare Average Assets of Banking Companies (2017 vs 2016 vs 2015)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of company** | **Asset of companies 2017** | **Asset of companies 2016** | **Asset of companies 2015** |
| **Fuel & Power companies** |  |  |  |
| Baraka power ltd | 8779.525 | 8254.317 | 8341.628 |
| Bangladesh welding Electronics ltd | 1111.012 | 1049.276 | 1049.276 |
| Petrochemical Refinery Limited | 1011.345 | 562.126 | 693.396 |
| Dhaka Electric Supply Company Ltd | 698.476 | 48114.78 | 44729.208 |
| Doreen Power Generations and Systems Limited | 42488.44 | 12641.421 | 11423.52 |
| Eastern Lubricants Ltd. | 10876.67 | 694.734 | 573.984 |
| GBB Power Ltd | 314.522 | 2205.244 | 2113.665 |
| Intraco Refueling Station Limited | 2032.369 | 603.904 | 597.927 |
| Jamuna Oil Company Limited | 593.843 | 59052.982 | 53961.028 |
| Khulna Power Company Limited | 52891.169 | 14059.215 | 14078.063 |
| Linde Bangladesh Limited | 12678.361 | 5944.132 | 5479.324 |
| MJL Bangladesh Limited | 5378.846 | 25288.357 | 20232.519 |
| Meghna Petroleum Limited | 15765.67 | 78506.348 | 70939.256 |
| Padma Oil Co. Ltd. | 145.931 | 113.639 | 111.958 |
| Power Grid Company of Bangladesh Ltd | 158068.56 | 137970.936 | 123894.845 |
| Shahjibazar Power Co. Ltd. | 9443.111 | 10311.182 | 1132.78 |
| Summit Power Limited | 42474 | 34697 | 31656 |
| Titas Gas Transmission & Dist. Co. Ltd. | 120951.584 | 113209.972 | 112340.456 |
| United Power Generation & Distribution Company Ltd. | 15093.304 | 13014.389 | 11234.556 |
| **Engineering Companies** |  |  |  |
| Aftab Automobiles Limited | 11893.826 | 9791.411 | 8768.979 |
| Anwar Galvanizing Ltd. | 302.211 | 267.236 | 263.298 |
| Appollo Ispat Complex Limited | 12500.332 | 11419.837 | 11356.69 |
| Atlas Bangladesh Ltd | 5180.618 | 5279.829 | 5312.798 |
| Aziz Pipes Ltd. | 320.327 | 322.705 | 324.907 |
| Bangladesh Building Systems Ltd. | 3584.14 | 3100.03 | 3000.06 |
| BBS Cables Limited | 5560.236 | 4481.487 | 3202.62 |
| Bangladesh Autocars Ltd. | 72.297 | 73.994 | 74.53 |
| Bangladesh Lamps Limited | 1580.019 | 1323.44 | 1443.65 |
| Bd.Thai Aluminium Ltd. | 5160.848 | 4339.457 | 3546.888 |
| Bengal Windsor Thermoplastics Ltd. | 2568.52 | 2501.838 | 2447.857 |
| **Average** | **18317.32** | **20286.51** | **20842.17** |

Asset is a driver element to increase company’s revenue, increase company’s value and facilitate operation of the business. There is a positive correlation with asset and net income. When asset is more increase capacity to invest more. To more invest earn more return. More return attracts shareholders and company can give more dividends to the shareholders.

In 2017 average asset of the companies is 18317.32

In 2016 average asset of the companies is 20286.51

In 2015 average asset of the companies is 20842.17

From the compare with 2017 average asset vs 2016 average asset vs 2015 average asset it indicates that asset increase 1969.19(million) in 2016 and 555.66(million) in 2017 which is a good indication of the company.

**Compare Average Assets to Equity ratio of Banking Companies 2017 vs 2016 vs 2015**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name Of company** | **Equity Of companies 2017** | **Equity Of companies 2016** | **Equity Of companies 2015** |
| **Fuel & Power companies** |  |  |  |
| Baraka power ltd | 4301.97 | 4016.93 | 5545.84 |
| Bangladesh welding Electronics ltd | 516.603 | 552.566 | 561.776 |
| Petrochemical Refinery Limited | 360.646 | 507.47 | 467.879 |
| Dhaka Electric Supply Company Ltd | 35234.573 | 34576.84 | 32545.38 |
| Doreen Power Generations and Systems Limited | 3166.421 | 2965.806 | 2378.384 |
| Eastern Lubricants Ltd. | 91.232 | 83.374 | 72.973 |
| GBB Power Ltd | 2041.538 | 1978.389 | 1913.453 |
| Intraco Refueling Station Limited | 472.25 | 459.575 | 441.721 |
| Jamuna Oil Company Limited | 18438.473 | 15838.79 | 14563.82 |
| Khulna Power Company Limited | 9464.042 | 8898.268 | 9200.631 |
| Linde Bangladesh Limited | 3675.819 | 3184.756 | 2785.564 |
| MJL Bangladesh Limited | 11150.169 | 9860.47 | 7967.98 |
| Meghna Petroleum Limited | 98854.21 | 87773.44 | 77897.98 |
| Padma Oil Co. Ltd. | 10.176 | 9.127 | 7.154 |
| Power Grid Company of Bangladesh Ltd | 41384.077 | 35439.346 | 31546.975 |
| Shahjibazar Power Co. Ltd. | 4871.963 | 4396.98 | 4178.67 |
| Summit Power Limited | 30993 | 22968 | 21358 |
| Titas Gas Transmission & Dist. Co. Ltd. | 64783.21 | 60669.358 | 56.978 |
| United Power Generation & Distribution Company Ltd. | 14960.921 | 12419.408 | 10989.34 |
| **Engineering Companies** |  |  |  |
| Aftab Automobiles Limited | 5673.466 | 5367.358 | 5198.877 |
| Anwar Galvanizing Ltd. | 117.78 | 111.135 | 109.224 |
| Appollo Ispat Complex Limited | 7845.909 | 7528.184 | 7497.213 |
| Atlas Bangladesh Ltd | 4512.119 | 4610.428 | 4760.453 |
| Aziz Pipes Ltd. | 460.473 | 263.232 | 165.967 |
| Bangladesh Building Systems Ltd. | 1859.79 | 1555.82 | 1445.59 |
| BBS Cables Limited | 2300.411 | 1687.064 | 540.979 |
| Bangladesh Autocars Ltd. | 10.7 | 7.15 | 6.57 |
| Bangladesh Lamps Limited | 878.138 | 632.701 | 629.98 |
| Bd.Thai Aluminium Ltd. | 3200.546 | 2629.064 | 2554.67 |
| Bengal Windsor Thermoplastics Ltd. | 2185.733 | 2115.509 | 1998.899 |
| **Average asset to equity ratio** | 12460.55 | 11103.55 | 8312.96 |

Company run numbers of years base on equity that supports an organization to increase profitability. Equity will be more of company when company distributes not many profits to the shareholders as rewards. This better position of shareholders equity refers that company’s long-term profitability and able to attract reinvestment to a lender or investor have a good perception of a company.

In 2017 average equity ratio of company 12460.55

In 2016 average equity ratio of company 11103.55

In 2015 average equity ratio of company 8312.96

From this comparison easily understand that increase equity 1357(million) in 2017 and 2790.59(million) in 2016 which undoubtly a good information for the company and respective interested groups.

**Compare Average Cash flow from investing activities of both companies 2015 VS 2016 VS 2017**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name Of Company** | **Cash flow from investing activities Of companies 2017** | **Cash flow from investing activities Of companies 2016** | **Cash flow from investing activities Of companies 2015** |
| **Fuel & Power companies** |  |  |  |
| Baraka power ltd | 632.76 | 757.13 | 355.79 |
| Bangladesh welding Electronics ltd | 0.736 | 11.345 | 10.786 |
| Petrochemical Refinery Limited | 4.539 | 14.883 | 18.847 |
| Dhaka Electric Supply Company Ltd | 4577.252 | 7871.156 | 7743.297 |
| Doreen Power Generations and Systems Limited | 769.076 | 2015.365 | 2213.345 |
| Eastern Lubricants Ltd. | - | - | - |
| GBB Power Ltd | 2.772 | 51.126 | 87.657 |
| Intraco Refueling Station Limited | 12.324 | 23.016 | 32.453 |
| Jamuna Oil Company Limited | 4437.892 | 4994.889 | 4996.845 |
| Khulna Power Company Limited | 66.418 | 82.374 | 84.342 |
| Linde Bangladesh Limited | 951.088 | 40.584 | 583.201 |
| MJL Bangladesh Limited | 4963.219 | 1905.195 | 1759.345 |
| Meghna Petroleum Limited | 3508.491 | 3603.672 | 3711.756 |
| Padma Oil Co. Ltd. | 5.107 | 5.49 | 5.98 |
| Power Grid Company of Bangladesh Ltd | 21294.33 | 14960.497 | 11464.5 |
| Shahjibazar Power Co. Ltd. | 211.065 | 293.521 | 296.567 |
| Summit Power Limited | 1251.501 | 1145.548 | 1023.443 |
| Titas Gas Transmission & Dist. Co. Ltd. | 91.199 | 6556.565 | 5465.798 |
| United Power Generation & Distribution Company Ltd. | 415.5 | 183.256 | 185.432 |
| **Engineering Companies** |  |  |  |
| Aftab Automobiles Limited | 781.454 | 154.706 | 232.678 |
| Anwar Galvanizing Ltd. | 24.731 | 26.089 | 28.067 |
| Appollo Ispat Complex Limited | 148.921 | 643.892 | 658.443 |
| Atlas Bangladesh Ltd | 0.012 | 0.191 | 0.199 |
| Aziz Pipes Ltd. | 3.172 | 1.232 | 1.131 |
| Bangladesh Building Systems Ltd. | 245.821 | 286.26 | 298.56 |
| BBS Cables Limited | 493.381 | 470.129 | 451.538 |
| Bangladesh Autocars Ltd. | - | 0.137 | 0.852 |
| Bangladesh Lamps Limited | 9.701 | 12.439 | 13.434 |
| Bd.Thai Aluminium Ltd. | 322.553 | 145.613 | 103.211 |
| Bengal Windsor Thermoplastics Ltd. | 44.508 | 55.269 | 57.458 |
| **Average Cash flow from investing activities** | **1508.98** | **1543.72** | **1396.17** |

From cash flow statement investors can easily determine where he invests his money. Increased inventory, increased more credit to customers, and purchased capital equipment all of those three activities shown on the cash flow statement. Main objective of the cash flow statement is from where money comes and where money spent. From cash flow statement investor can take decision on particular area such as if investor can collect receivables from his customers fast he can create cash. If he uses inventory effective way he can creates cash.

In 2017 average cash flow of companies is 1508.98

In 2016 average cash flow of companies is 1543.72

In 2015 average cash flow of companies is 1396.17

From this comparison off three years cash flow decrease in 2017 34.74 than in the year of 2016 and in the year of 2016 cash flow increase 147.55 than in the year of 2015 cash flow from investing activities.

**Compare Average public ownership of both companies (2015 VS 2016 VS 2017)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name Of Company** | **Public ownership of companies 2017** | **Public ownership of companies 2016** | **Public ownership of companies 2015** |
| **Fuel & Power companies** |  |  |  |
| Baraka power ltd | 80.09 | 80.09 | 80.09 |
| Bangladesh welding Electronics ltd | 64.11 | 64.11 | 64.11 |
| Petrochemical Refinery Limited | 50 | 50 | 50 |
| Dhaka Electric Supply Company Ltd | 20.02 | 20.02 | 20.02 |
| Doreen Power Generations and Systems Limited | 25 | 25 | 25 |
| Eastern Lubricants Ltd. | 23.13 | 23.13 | 23.13 |
| GBB Power Ltd | 55.96 | 55.96 | 55.96 |
| Intraco Refueling Station Limited | 40 | 40 | 40 |
| Jamuna Oil Company Limited | - | - | - |
| Khulna Power Company Limited | - | - | - |
| Linde Bangladesh Limited | - | - | - |
| MJL Bangladesh Limited | 29.20 | 29.20 | 29.20 |
| Meghna Petroleum Limited | 9.78 | 9.78 | 9.78 |
| Padma Oil Co. Ltd. | 26.49 | 26.49 | 26.49 |
| Power Grid Company of Bangladesh Ltd | 4.58 | 4.58 | 4.58 |
| Shahjibazar Power Co. Ltd. | 24.29 | 24.29 | 24.29 |
| Summit Power Limited | 17.20 | 17.20 | 17.20 |
| Titas Gas Transmission & Dist. Co. Ltd. | 25 | 25 | 25 |
| United Power Generation & Distribution Company Ltd. | 10.00 | 10.00 | 10.00 |
| **Engineering Companies** |  |  |  |
| Aftab Automobiles Limited | 35.57 | 35.57 | 35.57 |
| Anwar Galvanizing Ltd. | 35.94 | 35.94 | 35.94 |
| Appollo Ispat Complex Limited | 78.80 | 78.80 | 78.80 |
| Atlas Bangladesh Ltd | 49 | 49 | 49 |
| Aziz Pipes Ltd. | - | - | - |
| Bangladesh Building Systems Ltd. | 48.97 | 48.97 | 48.97 |
| BBS Cables Limited | 58.34 | 58.34 | 58.34 |
| Bangladesh Autocars Ltd. | 54.10 | 54.10 | 54.10 |
| Bangladesh Lamps Limited | 37.65 | 37.65 | 37.65 |
| Bd.Thai Aluminium Ltd. | 38 | 38 | 38 |
| Bengal Windsor Thermoplastics Ltd. | 18.68 | 18.68 | 18.68 |
| **Average public ownership** | **31.99** | **31.99** | **31.99** |

If maximum shareowners are institution such as ICB in this phenomenon they create syndicate and they control company as their own desire, operate only for their own interest. They try to earn more return from investment. In a result general public will be looser. For that reason public ownership is important for control and operates business for public interest. When maximum ownership holds public management, board of directors cannot waste business money for their personal purposes. Maximum public ownership ensure construct rules, regulation, operation strategies everywhere public can influence and ensure their interests.

In 2017 average public ownership of companies is 31.99

In 2016 average public ownership of companies is 31.99

In 2015 average public ownership of companies is 31.99

From this comparison indicates that the percentage of public ownership is same for the year 2017,2016 and 2015.

**Compare Average BOD Size of both companies (2015 VS 2016 VS 2017)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name Of Company** | **BOD Size of companies 2017** | **BOD Size of companies 2016** | **BOD Size of companies 2015** |
| **Fuel & Power companies** |  |  |  |
| Baraka power ltd | 9 | 9 | 9 |
| Bangladesh welding Electronics ltd | 6 | 6 | 6 |
| Petrochemical Refinery Limited | 5 | 5 | 5 |
| Dhaka Electric Supply Company Ltd | 7 | 7 | 7 |
| Doreen Power Generations and Systems Limited | 4 | 4 | 4 |
| Eastern Lubricants Ltd. | 7 | 7 | 7 |
| GBB Power Ltd | 4 | 4 | 4 |
| Intraco Refueling Station Limited | 5 | 5 | 5 |
| Jamuna Oil Company Limited | 10 | 10 | 10 |
| Khulna Power Company Limited | 12 | 12 | 12 |
| Linde Bangladesh Limited | 8 | 8 | 8 |
| MJL Bangladesh Limited | 8 | 8 | 8 |
| Meghna Petroleum Limited | 10 | 10 | 10 |
| Padma Oil Co. Ltd. | 9 | 9 | 9 |
| Power Grid Company of Bangladesh Ltd | 8 | 8 | 8 |
| Shahjibazar Power Co. Ltd. | 7 | 7 | 7 |
| Summit Power Limited | 14 | 14 | 14 |
| Titas Gas Transmission & Dist. Co. Ltd. | 9 | 9 | 9 |
| United Power Generation & Distribution Company Ltd. | 7 | 7 | 7 |
| **Engineering Companies** |  |  |  |
| Aftab Automobiles Limited | 10 | 10 | 10 |
| Anwar Galvanizing Ltd. | 5 | 5 | 5 |
| Appollo Ispat Complex Limited | 9 | 9 | 9 |
| Atlas Bangladesh Ltd | 9 | 9 | 9 |
| Aziz Pipes Ltd. | 9 | 9 | 9 |
| Bangladesh Building Systems Ltd. | 7 | 7 | 7 |
| BBS Cables Limited | 8 | 8 | 8 |
| Bangladesh Autocars Ltd. | 8 | 8 | 8 |
| Bangladesh Lamps Limited | 12 | 12 | 12 |
| Bd.Thai Aluminium Ltd. | 9 | 9 | 9 |
| Bengal Windsor Thermoplastics Ltd. | 9 | 9 | 9 |
| **Average BOD Size** | **9** | **9** | **9** |

Board of directors plays an important act in the corporate governance. Specialist suggests that keep board size smaller. Its true fact that larger board size helps easy to performs in huge task but coordination and communication problem of larger board size. Evidence says that there is a negative relationship between board size and corporate performance. Larger board size performance is not good enough which come inefficient government.

When board of directors size small they are not willing to issue new share that’s reason number of paid up capital will increase.

When BOD size larger they are willing to issue new share in consequence of this decision number of paid up capital decrease.

In 2017 average BOD size is 9

In 2016 average BOD size is 9

In 2016 average BOD size is 9

It indicates BOD size is same for the year 2017,2016 and 2015

**Compare Average Paid-up capital to Authorized capital of both companies (2015 VS 2016 VS 2017)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name Of Company** | **Paid-up capital**  **2017** | **Paid-up capital 2016** | **Paid-up capital 2015** | **Authorized capital 2017** | **Authorized capital**  **2016** | **Authorized capital 2015** |
| **Fuel & Power companies** |  |  |  |  |  |  |
| Baraka power ltd | 1739.615 | 1739.615 | 1739.615 | 3000 | 3000 | 3000 |
| Bangladesh welding Electronics ltd | 429.201 | 429.201 | 408.762 | 100 | 100 | 100 |
| Petrochemical Refinery Limited | 247.5 | 247.5 | 198 | 1500 | 1500 | 1500 |
| Dhaka Electric Supply Company Ltd | 3958 | 3958 | 3958 | 5000 | 5000 | 5000 |
| Doreen Power Generations and Systems Limited | 960 | 800 | 700 | 2000 | 2000 | 2000 |
| Eastern Lubricants Ltd. | 9.94 | 9.94 | 9.94 | 50 | 50 | 50 |
| GBB Power Ltd | 866.55 | 866.55 | 866.55 | 969.557 | 969.557 | 969.557 |
| Intraco Refueling Station Limited | 450 | 450 | 450 | 1000 | 1000 | 1000 |
| Jamuna Oil Company Limited | 1104.246 | 1104.246 | 1104.246 | 3000 | 3000 | 3000 |
| Khulna Power Company Limited | 3612.847 | 3612.847 | 3612.847 | 7000 | 7000 | 7000 |
| Linde Bangladesh Limited | 152 | 152 | 152 | 200 | 200 | 200 |
| MJL Bangladesh Limited | 3016.665 | 2742.441 | 2468.988 | 10000 | 10000 | 10000 |
| Meghna Petroleum Limited | 1082.161 | 1082.181 | 1082.181 | 4000 | 4000 | 4000 |
| Padma Oil Co. Ltd. | 0.127 | 0.125 | 0.123 | 10000 | 10000 | 10000 |
| Power Grid Company of Bangladesh Ltd | 4609.129 | 4609.129 | 4609.129 | 10000 | 10000 | 10000 |
| Shahjibazar Power Co. Ltd. | 1412.459 | 1371.32 | 1275.45 | 5000 | 5000 | 5000 |
| Summit Power Limited | 10679 | 8264 | 8264 | 3000 | 3000 | 3000 |
| Titas Gas Transmission & Dist. Co. Ltd. | 989.22 | 989.22 | 989.22 | 2000 | 2000 | 2000 |
| United Power Generation & Distribution Company Ltd. | 3629.446 | 3629.446 | 3629.446 | 10000 | 10000 | 10000 |
| **Engineering Companies** |  |  |  |  |  |  |
| Aftab Automobiles Limited | 997.324 | 997.324 | 997.324 | 3000 | 3000 | 3000 |
| Anwar Galvanizing Ltd. | 132 | 132 | 132 | 200 | 200 | 200 |
| Appollo Ispat Complex Limited | 3542 | 3542 | 3542 | 5000 | 5000 | 5000 |
| Atlas Bangladesh Ltd | 273.777 | 273.777 | 273.777 | 1000 | 1000 | 1000 |
| Aziz Pipes Ltd. | - | - | - | 50 | 4.85 | 3.56 |
| Bangladesh Building Systems Ltd. | 1165.824 | 1059.84 | 1022.85 | 5000 | 5000 | 5000 |
| BBS Cables Limited | 1200 | 1200 | 1200 | 3000 | 3000 | 3000 |
| Bangladesh Autocars Ltd. | 37.5 | 37.5 | 37.5 | 100 | 100 | 100 |
| Bangladesh Lamps Limited | 93.706 | 93.706 | 93.706 | 500 | 500 | 500 |
| Bd.Thai Aluminium Ltd. | - | - | - | - | - | - |
| Bengal Windsor Thermoplastics Ltd. | 831.6 | 831.6 | 831.6 | 1000 | 1000 | 1000 |
| **Average Paid-up capital to Authorized capital** | **1574.06** | **1474.18** | **1454.98** | **3222.32** | **3220.81** | **3220.77** |

In 2017 average paid up capital is 1574.06

In 2016 average paid up capital is 1474.18

In 2015 average paid up capital is 1454.98

Comparison with three years shown that paid up capital increase in 2017 99.88 (million) and in 2016 19.2 (million).

In 2017 average authorized capital is 3222.32

In 2016 average authorized capital is 3220.81

In 2015 average authorized capital is 3220.77

From this information shown that authorized capital increase in 2017 1.51(million) and in 2016 0.04(million).

**Recommendations & Conclusions**

The oil and petroleum industry of Bangladesh is mostly under the control of Government. With a view to providing petroleum products to all consumers at equal price irrespective of transportation cost, the government established Bangladesh Petroleum Corporation (BPC) by a presidential Ordinance in 1976. Presently BPC is composed of three oil marketing companies, two blending plants, one LPG bottling company and a refinery as its subsidiaries. Power sector of Bangladesh is a challenging sector and development of power sector is dependent on many factors. In this research, a brief discussion on Power scenario of Bangladesh has demonstrated with recent information and data. A total review of Power generation, transmission and distribution is demonstrated and also power crisis of Bangladesh and future plans and programs of Power sector has been discussed. A details study on Power plant of Bangladesh & Power demand and production is also demonstrated. Engineering sector also developing by providing customer satisfaction. In the future the Fuel, Power and Engineering companies in Bangladesh will contribute major role for develop the economic condition.

**Reference**

<https://en.wikipedia.org/wiki/Special:Search?search=Fuel+industry+in+Bangladesh&go=Go>

<http://www.bdtradeinfo.com/yellowpages/des_data.php?subcategory_id=314>

<https://www.dhakatribune.com/search?query=Power+companies+in+Bangladesh>

<https://www.dhakatribune.com/search?query=engineering+sector+in+Bangladesh>

<https://www.dhakatribune.com/search?query=Fuel+industry+in+Bangladesh>

<https://www.academia.edu/people/search?utf8=%E2%9C%93&q=Fuel+and+power+industry+in+Bangladesh>

<https://www.academia.edu/people/search?utf8=%E2%9C%93&q=Engineering+sector+in+Bangladesh>

<http://www.assignmentpoint.com/search/?cx=partner-pub-8449447137375313%3A2092802913&cof=FORID%3A10&ie=UTF-8&q=Fuel+and+power+sector+in+Bangladesh&sa=Search&siteurl=www.assignmentpoint.com%2Fbusiness%2Fbanking%2Fa-brief-overview-of-the-banking-and-finance-sector-of-bangladesh.html&ref=&ss=16944j13892476j39>

<http://www.dailyindustry.news/?s=fuel+and+engineering+industry+in+Bangladesh>

<http://maint.ssrn.com.s3-website-us-east-1.amazonaws.com/site-unavailable.html>

<http://dspace.ewubd.edu/discover>

<https://www.researchgate.net/search?q=Fuel%20and%20power%20industry%20in%20Bangladesh>

<http://maint.ssrn.com.s3-website-us-east-1.amazonaws.com/site-unavailable.html>

<https://www.google.com/search?client=firefox-b-ab&ei=m8QfXKWmDI6R9QPGw524BA&q=bangladesh+fuel+and+power+companies&oq=bangladesh+fuel+and+power+companies&gs_l=psy-ab.3...13200.35169..36039...0.0..0.189.3806.15j18......0....1..gws-wiz.......0j0i71j0i19j0i22i30i19j0i131i13j0i67j0i131j0i13j0i131i67j33i160j33i22i29i30j0i22i30j0i8i13i30.r9GcRjZaiDc>

<https://www.ignitespot.com/what-are-business-liabilities>

<https://www.nibusinessinfo.co.uk/content/importance-assets-business>

<https://www.academia.edu/people/search?utf8=%E2%9C%93&q=fuel+and+power+and+engineering+sector+in+Bangladesh>

<https://www.researchgate.net/search?q=fuel%20and%20power%20and%20engineering%20sector%20in%20Bangladesh>

<https://www.daily-sun.com/home/keywordsearch?cx=partner-pub-0600503450204720%3A4868367585&cof=FORID%3A10&ie=UTF-8&q=Fuel+and+power+and+Engineering+companies+in+Bangladesh>

<http://lankabd.com/>