

## SUMMARY FINDINGS

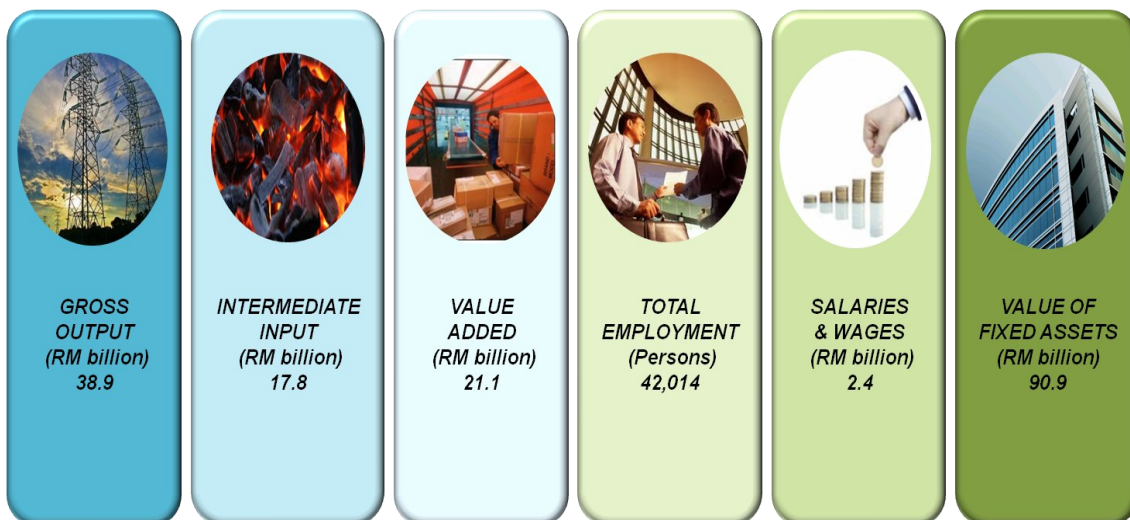
### Introduction

This publication presents statistics on electricity, gas, steam and air conditioning supply sector for reference year 2012. The data of this sector was canvassed under the survey conducted in 2013.

### Key Statistics of Electricity, Gas, Steam and Air Conditioning Supply Sector, 2012

In 2012, the key statistics of electricity, gas, steam and air conditioning supply sector showed the gross output value of RM38.9 billion. In addition, intermediate inputs and value added posted RM17.8 billion and RM21.1 billion respectively. Total salaries and wages for this sector recorded RM2.4 billion with total employment of 42,014 persons. Meanwhile, the value of fixed assets was RM90.9 billion as shown in Chart 1.

Chart 1: Key statistics of electricity, gas, steam and air conditioning supply sector, 2012



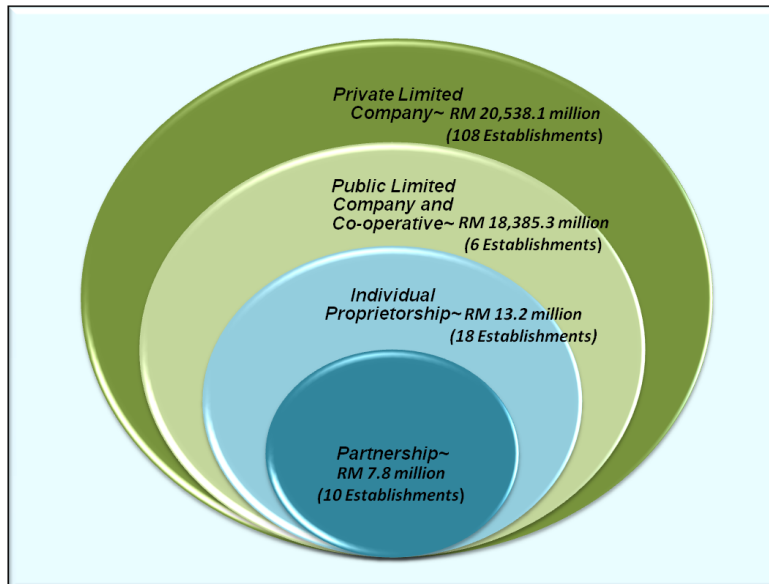
**Table A : Gross output and employment by group, 2012**

| Group   | Gross output<br>(RM million) | %            | Employment    | %            |
|---|------------------------------|--------------|---------------|--------------|
| Electric power generation, transmission and distribution        | 36,247.5                     | 93.1         | 35,815        | 85.2         |
| Manufacture of gas; distribution of gaseous fuels through mains | 2,108.9                      | 5.4          | 452           | 1.1          |
| Steam and air conditioning supply                               | 588.1                        | 1.5          | 5,747         | 13.7         |
| <b>Total</b>  | <b>38,944.5</b>              | <b>100.0</b> | <b>42,014</b> | <b>100.0</b> |

**Gross Output and Employment by Group, 2012**

The highest gross output value was contributed by electric power generation, transmission and distribution amounting to RM36,247.5 million (93.1 per cent) followed by manufacture of gas; distribution of gaseous fuels through mains at RM2,108.9 million (5.4 per cent). However, steam and air conditioning supply recorded the lowest output of RM588.1 million (1.5 per cent) but in term of employment, it posted a higher employment of 5,747 persons (13.7 per cent) compared to manufacture of gas; distribution of gaseous fuels through mains, 452 persons (1.1 per cent) as in Table A.

**Chart 2: Number of establishments and gross output by legal status, 2012**



**Number of Establishments and Gross Output by Legal Status, 2012**

Chart 2 shows establishments with the status of Private Limited Company registered the highest gross output value of RM20,538.1 million (108 establishments), followed by Public Limited Company and Co-operative, RM18,385.4 million (6 establishments).

**Table B : Employment by category and gender, 2012**

| Category  | Total         | %            | Male          | %           | Female       | %           |
|---|---------------|--------------|---------------|-------------|--------------|-------------|
| Paid full-time employees  | 41,491        | 98.8         | 33,987        | 80.9        | 7,504        | 17.9        |
| Paid part-time employees  | 484           | 1.1          | 407           | 1.0         | 77           | 0.1         |
| Working proprietors, active business partners and unpaid family workers | 39            | 0.1          | 34            | 0.1         | 5            | 0.0         |
| <b>Total</b>  | <b>42,014</b> | <b>100.0</b> | <b>34,428</b> | <b>82.0</b> | <b>7,586</b> | <b>18.0</b> |

**Employment by Category and Gender, 2012**

This sector engaged 42,014 persons in 2012 comprises of paid full-time employees which accounted for 98.8 per cent (41,491 persons) of total employment. Meanwhile, paid part-time employees were 484 persons (1.1 per cent) and working proprietors, active business partners and unpaid family workers, 39 persons (0.1 per cent) as shown in Table B.

**Table C : Paid employees by category of workers and gender, 2012**

| MALE                       |                            |                                 | CATEGORY OF WORKERS   | FEMALE                    |                            |                                 |
|----------------------------|----------------------------|---------------------------------|---|---------------------------|----------------------------|---------------------------------|
| No. Of Employees           | Salaries & Wages (RM '000) | Average Salaries Per Annum (RM) |   | No. Of Employees          | Salaries & Wages (RM '000) | Average Salaries Per Annum (RM) |
| 4,239<br>(12.3%)           | 529,380                    | 124,883                         | Managers, Professionals and Executives                      | 1,795<br>(23.7%)          | 198,063                    | 110,342                         |
| 10,127<br>(29.4%)          | 787,431                    | 77,756                          | Technicians and Supervisors                                 | 859<br>(11.3%)            | 68,884                     | 80,191                          |
| 2,896<br>(8.5%)            | 129,061                    | 44,565                          | Clerical and Related Occupations                            | 4,015<br>(53.0%)          | 195,280                    | 48,638                          |
| 4,411<br>(12.8%)           | 97,705                     | 22,150                          | Elementary Occupations                                      | 414<br>(5.5%)             | 9,994                      | 24,140                          |
| 11,618<br>(33.8%)          | 392,942                    | 33,822                          | Plant & Machine Operators / Assemblers – Direct Employed    | 356<br>(4.6%)             | 9,971                      | 28,008                          |
| 696<br>(2.0%)              | 14,018                     | 20,141                          | Plant & Machine Operators / Assemblers – Labour Contractors | 65<br>(0.9%)              | 1,247                      | 19,185                          |
| 407<br>(1.2%)              | 13,632                     | 33,494                          | Part-Time Employees   | 77<br>(1.0%)              | 2,142                      | 27,818                          |
| <b>34,394<br/>(100.0%)</b> | <b>1,964,169</b>           | <b>57,108</b>                   | <b>TOTAL</b>  | <b>7,581<br/>(100.0%)</b> | <b>485,581</b>             | <b>64,052</b>                   |

**Paid Employees by Category of Workers and Gender, 2012**

Paid employees by category of workers and gender for the year 2012 is shown in Table C. The plant & machine operators / assemblers who are directly employed recorded the highest number of employees in the group of male workers of 11,618 persons (33.8 per cent). On the contrary, clerical and related occupations recorded the highest for the group of female workers with 4,015 persons (53.0 per cent). Generally, the male workers accounted for 81.9 per cent (34,394 persons) compared to female workers, 18.1 per cent (7,581 persons).

Chart 3: Employment by academic qualification, 2012



**Total employment : 42,014 persons**

**Employment by Academic Qualification, 2012**

Employment by academic qualification shows that the majority of persons engaged in the electricity, gas, steam and air conditioning supply sector consists of workers who possessed SPM / SPM(V) or equivalent and below with 26,602 persons (63.3 per cent). Meanwhile, the share of employees with University degree and above was 14.0 per cent (5,867 persons) as shown in Chart 3.