

Availability At Daily Maximum Demand Hour

| | |
|---------------------|------------------|
| ST-Coal | 1,980 MW |
| ST-Gas | 0 MW |
| ST-Oil | 0 MW |
| Gas | 4,162 MW |
| Hydro | 1,745 MW |
| Distillate | 0 MW |
| Total TNB | 7,887 MW |
| Total IPP | 10,313 MW |
| Total Co-Gen | 72 MW |
| System Total | 18,272 MW |

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00

| | |
|------------------|-----------------|
| TNB Generation | 5,993 MW |
| IPP Generation | 8,477 MW |
| Total Set On Bus | 15,466 MW |
| Maximum Demand | 14,603 MW |
| Spinning Reserve | 924 MW |
| Net Energy | 303,768 MWH |
| Load Factor | 86.7 % |
| Total Cost | 45,530,847 RM |
| Cost per Unit | 15.36 cents/kWH |

Maximum Demand Record

| | | |
|---------------|------------|---------------|
| Date : | 13/05/2013 | 16,562.0 MW |
| Date : | 25/06/2013 | 345,254.0 MWH |

Hourly System MW Generation

| | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| System Total | 12706 | 12148 | 11647 | 11437 | 11144 | 11018 | 11034 | 10721 | 10595 | 11605 | 12390 | 12992 | 13135 | 13026 | 13497 | 13691 | 13640 | 13480 | 13165 | 13185 | 14490 | 14603 | 14179 | 13972 |

Gas Usage

| Station | (mmscfd) |
|------------------|--------------|
| CBPS | 48 |
| GLGR | 65 |
| PAKA | 160 |
| PGPS | 42 |
| SRDG | 8 |
| TJGS | 216 |
| TNB Total | 539 |
| KLPP | 96 |
| MPSS | 51 |
| PDPS | 3 |
| PGLA | 113 |
| PKLG | 13 |
| PLPS | 102 |
| PTEK | 4 |
| SGB3 | 71 |
| SGRI | 99 |
| SKSP | 53 |
| YPGS | 26 |
| YPKA | 54 |
| IPP Total | 686 |
| Total Gas | 1,225 |

Total Gas Required : 1,225
Gas Calorific Value : 38.500

Generation Mix

| Type | MWh | Percentage |
|-------------------------|------------------|-----------------|
| ST-Coal | 44,964.00 | 14.80 % |
| Gas | 70,774.00 | 23.30 % |
| Hydro | 6,796.00 | 2.24 % |
| Total TNB | 122,534.0 | 40.34 % |
| ST-Coal | 89,979.0 | 29.63 % |
| ST-Gas | 781.0 | 0.26 % |
| Gas | 88,055.0 | 28.99 % |
| Total IPP | 178,815.0 | 58.87 % |
| Co-Gen | 1,765.0 | 0.58 % |
| Total Co-Gen | 1,765.0 | 0.58 % |
| Total Generation | 303,114.0 | 99.80 % |
| PLTG | 93.0 | 0.03 % |
| HVDC | -699.0 | -0.23 % |
| Interconnection | -606.0 | -0.20 % |
| Net Energy | 303,720.0 | 100.00 % |

Average SR During Peak Hour

| Type | MW |
|--------------|-------------|
| GT | 324 |
| Hydro | 154 |
| Syncon | 516 |
| Thermal | 82 |
| Total | 1076 |

| | Weather | Temperature |
|-----------|---------|-------------|
| Morning | Sunny | 26 |
| Afternoon | Hot | 35 |

| Station | Unit | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|----|
| PKLG | U003 | 281 | 282 | 282 | 283 | 283 | 280 | 279 | 286 | 280 | 282 | 282 | 282 | 284 | 282 | 281 | 283 | 283 | 285 | 284 | 283 | 284 | 286 | 288 | 285 | 281 | 277 | 281 | 285 | 285 | 283 | 281 | 284 | 283 | 282 | 282 | 283 | 283 | 283 | 287 | 283 | 283 | 286 | 283 | 285 | 285 | 282 | | | | | |
| PKLG | U004 | 283 | 283 | 287 | 283 | 281 | 279 | 280 | 282 | 284 | 281 | 283 | 283 | 283 | 283 | 283 | 283 | 283 | 280 | 282 | 283 | 283 | 283 | 283 | 283 | 281 | 281 | 277 | 281 | 279 | 281 | 279 | 277 | 277 | 279 | 281 | 279 | 282 | 281 | 282 | 283 | 283 | 283 | 281 | 283 | 280 | 281 | 279 | | | | |
| PKLG | U006 | 470 | 467 | 464 | 464 | 461 | 467 | 467 | 467 | 467 | 467 | 470 | 470 | 470 | 467 | 467 | 451 | 454 | 461 | 461 | 461 | 467 | 461 | 465 | 465 | 466 | 462 | 464 | 465 | 470 | 460 | 465 | 464 | 460 | 465 | 464 | 460 | 463 | 460 | 463 | 460 | 460 | 464 | | | | | | | | | |
| JMIG | U001 | 283 | 287 | 289 | 287 | 290 | 287 | 286 | 285 | 264 | 293 | 357 | 403 | 400 | 493 | 526 | 596 | 599 | 582 | 580 | 581 | 583 | 580 | 581 | 599 | 599 | 602 | 601 | 601 | 598 | 600 | 600 | 597 | 599 | 599 | 599 | 599 | 600 | 600 | 601 | 601 | 599 | 600 | 601 | 601 | 599 | 598 | 602 | 598 | | | |
| JMIG | U002 | 692 | 691 | 695 | 688 | 670 | 688 | 685 | 687 | 687 | 683 | 684 | 684 | 687 | 690 | 685 | 644 | 650 | 688 | 693 | 690 | 688 | 690 | 690 | 599 | 686 | 693 | 687 | 691 | 687 | 690 | 689 | 691 | 690 | 690 | 692 | 690 | 691 | 692 | 687 | 690 | 691 | 688 | 691 | 693 | 687 | 688 | | | | | |
| JMIG | U003 | 684 | 686 | 650 | 648 | 652 | 647 | 655 | 648 | 647 | 653 | 646 | 645 | 649 | 651 | 654 | 641 | 654 | 672 | 687 | 686 | 686 | 684 | 684 | 686 | 687 | 679 | 687 | 683 | 685 | 684 | 686 | 682 | 687 | 688 | 637 | 666 | 667 | 668 | 674 | 685 | 689 | 689 | 690 | 690 | 684 | 692 | 688 | 690 | | | |
| TBIN | U001 | 673 | 673 | 671 | 673 | 671 | 672 | 673 | 671 | 674 | 672 | 670 | 674 | 671 | 673 | 669 | 646 | 649 | 675 | 673 | 674 | 672 | 671 | 674 | 673 | 672 | 673 | 673 | 672 | 673 | 673 | 672 | 674 | 672 | 674 | 672 | 673 | 673 | 672 | 676 | 675 | 674 | 674 | 673 | 671 | 669 | 672 | 673 | 673 | | | |
| TBIN | U002 | 685 | 680 | 686 | 685 | 683 | 684 | 686 | 685 | 685 | 685 | 685 | 689 | 681 | 684 | 679 | 650 | 648 | 691 | 684 | 688 | 685 | 683 | 684 | 684 | 686 | 685 | 683 | 682 | 686 | 686 | 685 | 681 | 685 | 684 | 685 | 687 | 683 | 684 | 684 | 684 | 681 | 685 | 684 | 686 | 686 | 686 | | | | | |
| TBIN | U003 | 675 | 674 | 674 | 673 | 674 | 670 | 678 | 676 | 676 | 674 | 674 | 677 | 673 | 674 | 670 | 648 | 650 | 680 | 674 | 674 | 675 | 672 | 674 | 675 | 673 | 676 | 674 | 675 | 673 | 674 | 678 | 676 | 675 | 673 | 674 | 672 | 674 | 678 | 677 | 675 | 676 | 675 | 676 | 674 | 676 | 676 | 678 | | | | |
| JMAH | U002 | 691 | 699 | 699 | 697 | 697 | 694 | 696 | 697 | 697 | 695 | 692 | 693 | 699 | 694 | 650 | 657 | 704 | 700 | 694 | 698 | 693 | 694 | 696 | 689 | 693 | 695 | 696 | 694 | 696 | 691 | 682 | 691 | 699 | 693 | 702 | 684 | 687 | 687 | 685 | 696 | 698 | 693 | 698 | 697 | 700 | 688 | 682 | | | | |
| Total ST-Coal | | 5417 | 5422 | 5397 | 5381 | 5362 | 5368 | 5385 | 5384 | 5361 | 5385 | 5440 | 5500 | 5490 | 5590 | 5609 | 5509 | 5545 | 5728 | 5723 | 5721 | 5705 | 5693 | 5709 | 5731 | 5725 | 5714 | 5731 | 5718 | 5726 | 5723 | 5723 | 5713 | 5721 | 5737 | 5676 | 5716 | 5694 | 5705 | 5722 | 5732 | 5736 | 5742 | 5737 | 5732 | 5728 | 5738 | 5726 | 5720 | | | |
| PKLG | U001 | 154 | 241 | 275 | 281 | 223 | 155 | 93 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| PKLG | U002 | 83 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Total ST-Gas | | 237 | 267 | 275 | 281 | 223 | 155 | 93 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| CBPS | GT1A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| CBPS | GT1B | 95 | 94 | 95 | 95 | 95 | 88 | 89 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | | |
| CBPS | ST1C | 47 | 47 | 45 | 45 | 45 | 43 | 41 | 41 | 41 | 41 | 41 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | 41 | 42 | | |
| GLGR | GT01 | 109 | 109 | 109 | 108 | 107 | 109 | 109 | 109 | 108 | 109 | 109 | 109 | 109 | 108 | 108 | 107 | 108 | 106 | 106 | 105 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | | |
| GLGR | GT02 | 115 | 115 | 115 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 113 | 113 | 111 | 112 | 111 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | | |
| GLGR | ST1C | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | |
| KLPP | GT13 | 146 | 146 | 147 | 147 | 147 | 148 | 117 | 119 | 68 | 69 | 68 | 69 | 68 | 69 | 64 | 117 | 117 | 128 | 150 | 149 | 151 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | | |
| KLPP | GT14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| KLPP | GT15 | 148 | 148 | 148 | 148 | 148 | 148 | 119 | 110 | 68 | 69 | 69 | 68 | 68 | 69 | 69 | 69 | 69 | 116 | 116 | 118 | 125 | 146 | 146 | 146 | 146 | 145 | 145 | 145 | 145 | 147 | 147 | 146 | 146 | 145 | 145 | 144 | 144 | 145 | 145 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | | |
| KLPP | ST17 | 180 | 140 | 142 | 140 | 136 | 136 | 124 | 122 | 90 | 82 | 82 | 82 | 81 | 81 | 82 | 82 | 110 | 190 | 189 | 189 | 203 | 203 | 207 | 207 | 206 | 211 | 203 | 203 | 205 | 205 | 205 | 207 | 207 | 208 | 208 | 210 | 207 | 208 | 208 | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 | | |
| MPSS | GT01 | 106 | 108 | 108 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 38 | 89 | 107 | 106 | 106 | 106 | 106 | 106 | 105 | 105 | 105 | 105 | 105 | 105 | 104 | 104 | 104 | 103 | 103 | 103 | 103 | 104 | 104 | 104 | 104 | 105 | 105 | 105 | 106 | 106 | | | |
| MPSS | GT02 | 107 | 107 | 109 | 103 | 109 | 86 | 87 | 90 | 87 | 85 | 85 | 86 | 87 | 85 | 88 | 91 | 90 | 91 | 90 | 88 | 90 | 109 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 107 | 107 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | | |
| MPSS | ST01 | 112 | 112 | 112 | 93 | 48 | 36 | 35 | 35 | 34 | 33 | 35 | 33 | 36 | 34 | 36 | 35 | 36 | 36 | 37 | 75 | 114 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 114 | 114 | 114 | | | | |
| PAKA | GT1A | 90 | 90 | 90 | 90 | 90 | 65 | 65 | 66 | 67 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | | |
| PAKA | GT1B | 87 | 87 | 87 | 88 | 88 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | | |
| PAKA | ST1C | 80 | 80 | 80 | 80 | 80 | 71 | 69 | 68 | 69 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | 68 | 69 | |
| PAKA | GT2B | 92 | 92 | 92 | 92 | 92 | 62 | 64 | 64 | 65 | 64 | 62 | 64 | 63 | 64 | 65 | 64 | 64 | 64 | 64 | 64 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 |
| PAKA | ST2C | 36 | 36 | 36 | 36 | 36 | 31 | 29 | 29 | 29 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

