SULTAN AZLAN SHAH POWER STATION  
TNB JANAMANJUNG SDN BHD  
CHEMICAL SERVICES AND ENVIRONMENT SECTION

MONTHLY REPORT  
**June 2018**

Environment Performance Update

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| **Parameter** |  | **Status / Description** |
| Stack monitoring | Unit M1 | All readings were within DOE limit except as mentioned below:   * SO2 maximum readings exceeded limit for 5 days but daily average reading below the CAR 2014 limit.. * NOx maximum readings exceeded limit for 2 days but daily average reading below the CAR 2014 limit. * Opacity maximum readings exceeded limit for whole month suspect due to ESP rapping and maintenance activities but average reading below the DOE limit |
| Unit M2 | All readings were within DOE limit except as mentioned below:   * M2 under maintenance planned outage from 15 June to 1 July 2018. * SO2 maximum readings exceeded limit for 5 days but daily average reading below the CAR 2014 limit except for 1 day. * NOx maximum readings exceeded limit for 2 days but daily average reading below the CAR 2014 limit. * Opacity maximum readings exceeded limit for 15 days suspect due to ESP rapping and maintenance activities but daily average reading below the CAR 2014 DOE limit except for 12 days. |
| Unit M3 | All readings were within DOE limit except as mentioned below:   * SO2 maximum readings exceeded limit for 1 day but average reading below the DOE limit. * NOx maximum readings exceeded limit for 1 day but daily average reading below the CAR 2014 limit. * Opacity maximum reading and daily average exceeded limit CAR 2014 for whole month suspect due to ESP rapping and maintenance activities. |
| Unit M4 | All readings were within DOE limit except as mentioned below:   * SO2 maximum readings exceeded limit for 1 day but daily average reading below the CAR 2014 DOE limit. |
| Rain Water | AQM No. 1 | Average pH reading was 4.99 |
| AQM No. 2 | Average pH reading was 4.92 |
| AQM No. 3 | Average pH reading was 5.09 |
| Ambient Air | AQM No. 1 | All readings were not available due to process of replacement for all analysers |
| AQM No. 2 | All readings were not available due to process of replacement for all analysers |
| AQM No. 3 | All readings were not available due to process of replacement for all analysers |
| Noise Level | NM1- North bank of island. | Day and night Leq dB readings within the limit. |
| NM2- East bank of island | Day and night Leq dB readings within the limit. |
| NM3- North bank of island (Middle) | Day and night Leq dB readings within the limit. |
| NM4-West bank of island | Day and night Leq dB readings within the limit. |
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| GF 1  IWWTP Effluent |  | All parameters tested within DOE standard B limit |
| GF 2  IWWTP Effluent |  | All parameters tested within DOE standard B limit |
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| GF1  CYWWTP Effluent |  | All parameters tested within DOE standard B limit. |
| GF2  CYWWTP Effluent |  | All parameters tested within DOE standard B limit |
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| GF1  Cooling water | Fore bay | All parameters tested within the DOE standard B limit |
| Outfall | All parameters tested within the DOE standard B limit |
| GF2  Cooling water | Fore bay | All parameters tested within the DOE standard B limit except as mentioned below: |
| Outfall | All parameters tested within the DOE standard B limit |
| GF1  Storm water | N/A | All parameters tested within the DOE standard B limit. |
| GF2  Storm water | N/A | All parameters tested within the DOE standard B limit. |
| Scheduled Wastes Disposed  (MT) | N/A | SW305 – 0.00  SW306 – 0.00  SW409 – 0.00  SW410 – 0.00 |