



ཕྱག་ལུག་གི་ལས་འཛིན།

Bhutan Power Corporation Ltd.  
Bhutan Power System Operator  
Thimphu: Bhutan



Message No.: Enter your message number  
From: Shift In-charge, Control Room

Date: 14-Jul-17  
Time: 11:38

To Forecast Generation & Load with Actual Generation & Load (13-Jul-2017).  
Managing Director, BPC. Email: gemtshering@bpc.bt  
Director, O&MD, DGPC. Email: director.umd@drukgreen.com  
General Manager, TD, BPC. Email: ktobgye@bpc.bt  
General Manager, DCSD, BPC. Email: sandeeprai@bpc.bt  
General Manager, BPSO, BPC. Email: ujjwaldahal@bpc.bt

Sub: Load Generation Balance Report of Yesterday (13-Jul-2017).

| Hours (BST) | Forecast   |       | Actual     |        | Hours (BST) | Forecast   |       | Actual     |        |
|-------------|------------|-------|------------|--------|-------------|------------|-------|------------|--------|
|             | Generation | Load  | Generation | Load   |             | Generation | Load  | Generation | Load   |
| 0:00        | 1632.2     | 251.8 | 1730.4     | 249.82 | 12:00       | 1568.2     | 266.9 | 1381.2     | 108.78 |
| 0:15        | 1632.2     | 255.5 | 1726.4     | 253.44 | 12:15       | 1568.2     | 267.2 | 1373.7     | 111.59 |
| 0:30        | 1632.2     | 255.7 | 1727.4     | 250.67 | 12:30       | 1568.2     | 265.2 | 1378.1     | 118.67 |
| 0:45        | 1632.2     | 260.2 | 1724.8     | 250.57 | 12:45       | 1568.2     | 260.9 | 1369.8     | 139.61 |
| 1:00        | 1632.2     | 259.4 | 1666.7     | 248.30 | 13:00       | 1568.2     | 260.8 | 1370.7     | 139.12 |
| 1:15        | 1632.2     | 260.3 | 1682.7     | 252.54 | 13:15       | 1568.2     | 261.1 | 1375.0     | 137.55 |
| 1:30        | 1632.2     | 260.2 | 1708.2     | 247.18 | 13:30       | 1568.2     | 254.6 | 1373.2     | 137.95 |
| 1:45        | 1632.2     | 260   | 1721.9     | 242.51 | 13:45       | 1568.2     | 255.1 | 1375.9     | 135.46 |
| 2:00        | 1632.2     | 261.8 | 1719.3     | 247.66 | 14:00       | 1568.2     | 257.2 | 1467.9     | 156.32 |
| 2:15        | 1632.2     | 260.2 | 1719.7     | 240.49 | 14:15       | 1568.2     | 256.4 | 1464.8     | 206.87 |
| 2:30        | 1632.2     | 265.2 | 1718.5     | 245.12 | 14:30       | 1568.2     | 255.2 | 1647.3     | 232.51 |
| 2:45        | 1632.2     | 263.5 | 1716.6     | 246.63 | 14:45       | 1568.2     | 256.2 | 1652.3     | 236.29 |
| 3:00        | 1632.2     | 263.5 | 1720.4     | 240.36 | 15:00       | 1568.2     | 256.2 | 1648.3     | 251.57 |
| 3:15        | 1632.2     | 262.6 | 1716.8     | 245.58 | 15:15       | 1568.2     | 248.2 | 1652.6     | 264.48 |
| 3:30        | 1632.2     | 264.1 | 1716.1     | 246.25 | 15:30       | 1568.2     | 246.8 | 1650.3     | 266.13 |
| 3:45        | 1632.2     | 264.7 | 1717.3     | 252.31 | 15:45       | 1568.2     | 250.3 | 1653.1     | 266.31 |
| 4:00        | 1632.2     | 268.2 | 1710.0     | 259.17 | 16:00       | 1568.2     | 250.1 | 1646.4     | 254.96 |
| 4:15        | 1632.2     | 263.6 | 1713.3     | 257.00 | 16:15       | 1568.2     | 250.4 | 1648.1     | 253.82 |
| 4:30        | 1632.2     | 263.4 | 1708.0     | 255.09 | 16:30       | 1568.2     | 249.8 | 1649.5     | 256.37 |
| 4:45        | 1632.2     | 261.8 | 1707.1     | 252.26 | 16:45       | 1568.2     | 252.8 | 1650.3     | 258.04 |
| 5:00        | 1632.2     | 263.8 | 1705.5     | 258.21 | 17:00       | 1568.2     | 255.9 | 1653.3     | 259.09 |
| 5:15        | 1632.2     | 268.3 | 1689.4     | 270.34 | 17:15       | 1568.2     | 259.1 | 1653.4     | 270.28 |
| 5:30        | 1568.2     | 272.4 | 1688.9     | 273.12 | 17:30       | 1568.2     | 262   | 1650.9     | 265.72 |
| 6:45        | 1568.2     | 276.3 | 1659.1     | 258.43 | 17:45       | 1568.2     | 266.6 | 1649.8     | 267.88 |
| 6:00        | 1568.2     | 284.5 | 1659.1     | 259.03 | 18:00       | 1568.2     | 270.6 | 1650.5     | 278.55 |
| 6:15        | 1568.2     | 280   | 1660.1     | 278.63 | 18:15       | 1568.2     | 273.1 | 1647.3     | 276.23 |
| 6:30        | 1568.2     | 284.3 | 1654.6     | 277.05 | 18:30       | 1568.2     | 276.9 | 1653.6     | 272.20 |
| 6:45        | 1568.2     | 283.2 | 1657.2     | 283.41 | 18:45       | 1568.2     | 281.2 | 1643.0     | 288.73 |
| 7:00        | 1568.2     | 285   | 1662.5     | 284.27 | 19:00       | 1568.2     | 285.2 | 1645.8     | 292.63 |
| 7:15        | 1568.2     | 284.1 | 1656.3     | 283.84 | 19:15       | 1568.2     | 289.1 | 1650.7     | 295.73 |
| 7:30        | 1568.2     | 282.5 | 1655.5     | 282.09 | 19:30       | 1568.2     | 293.6 | 1645.5     | 302.29 |
| 7:45        | 1568.2     | 281.8 | 1660.7     | 277.64 | 19:45       | 1568.2     | 292.4 | 1644.7     | 305.35 |
| 8:00        | 1568.2     | 278.2 | 1655.6     | 279.54 | 20:00       | 1568.2     | 292   | 1649.7     | 295.84 |
| 8:15        | 1568.2     | 278.5 | 1658.4     | 269.66 | 20:15       | 1568.2     | 289.4 | 1642.2     | 286.49 |
| 8:30        | 1568.2     | 275.6 | 1655.8     | 277.33 | 20:30       | 1568.2     | 290   | 1647.1     | 290.98 |
| 8:45        | 1568.2     | 275.8 | 1653.5     | 281.76 | 20:45       | 1568.2     | 291.5 | 1642.0     | 287.00 |
| 9:00        | 1568.2     | 276.7 | 1653.3     | 274.46 | 21:00       | 1568.2     | 285.1 | 1642.9     | 280.85 |
| 9:15        | 1568.2     | 276   | 1656.5     | 283.66 | 21:15       | 1568.2     | 284.8 | 1659.0     | 274.73 |
| 9:30        | 1568.2     | 278.6 | 1652.9     | 280.38 | 21:30       | 1568.2     | 279.1 | 1645.6     | 278.59 |
| 9:45        | 1568.2     | 273.8 | 1565.1     | 282.27 | 21:45       | 1568.2     | 278.7 | 1662.1     | 275.57 |
| 10:00       | 1568.2     | 270.2 | 1456.4     | 281.48 | 22:00       | 1568.2     | 272.6 | 1659.2     | 271.02 |
| 10:15       | 1568.2     | 270.2 | 1412.9     | 284.88 | 22:15       | 1632.2     | 272.6 | 1663.0     | 269.14 |
| 10:30       | 1568.2     | 262.6 | 1380.1     | 277.26 | 22:30       | 1632.2     | 269.6 | 1657.2     | 268.68 |
| 10:45       | 1568.2     | 261.1 | 1379.2     | 275.12 | 22:45       | 1632.2     | 268.1 | 1661.4     | 261.73 |
| 11:00       | 1568.2     | 265.3 | 1375.8     | 269.63 | 23:00       | 1632.2     | 262.8 | 1658.3     | 257.75 |
| 11:15       | 1568.2     | 271.4 | 1384.0     | 275.76 | 23:15       | 1632.2     | 259.4 | 1672.4     | 253.91 |
| 11:30       | 1568.2     | 264.7 | 1375.9     | 276.69 | 23:30       | 1632.2     | 253.8 | 1674.7     | 250.80 |
| 11:45       | 1568.2     | 264.6 | 1382.2     | 275.78 | 23:45       | 1632.2     | 257.8 | 1679.3     | 250.07 |

Yours faithfully,

Sign:  
Karma Choden

|   |           |
|---|-----------|
| Coincidental peak load of Day(Last year): |           |
| 260.56MW                                  | 14-Jul-16 |
| Maximum Load till date:                   |           |
| 344.02 MW                                 | 18-Mar-17 |



འབྲུག་གྲོག་མེ་ལས་འཛིན།

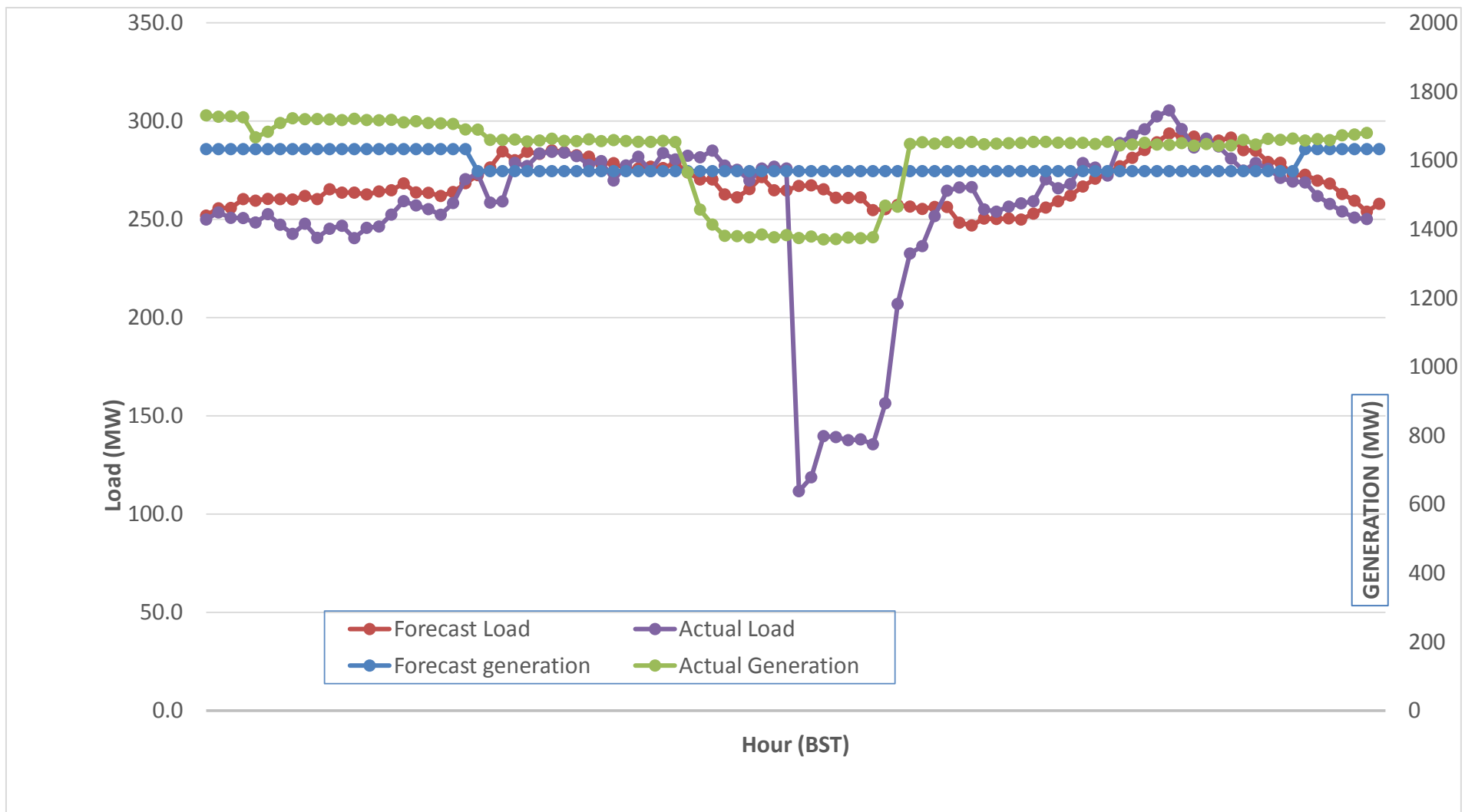
Bhutan Power Corporation Ltd.  
 Bhutan Power System Operator  
 Thimphu: Bhutan



Message No.: Enter your message number  
 From: Shift In-charge, Control Room

Date: 14-Jul-17  
 Time: 11:38

**Forecast Generation & Load with Actual Generation & Load (13-Jul-2017).**



Yours faithfully,

Sign:  
**Karma Choden**



|  |           |
|--|-----------|
| <b>Coincidental peak load of Day(Last year):</b> |           |
| 260.56MW   | 14-Jul-16 |
| <b>Maximum Load till date:</b>                   |           |
| 344.02 MW  | 18-Mar-17 |



འབྲུག་གྲོག་མོ་ལས་འཛིན།

Bhutan Power Corporation Ltd.  
Bhutan Power System Operator  
Thimphu: Bhutan



Message No.: Enter your message number  
From: Shift In-charge, Control Room

Date: 14-Jul-17  
Time: 11:38

To Forecast Generation & Load with Actual Generation & Load (13-Jul-2017).  
Managing Director, BPC. Email: gemtshering@bpc.bt  
Director, O&MD, DGPC. Email: director.omb@drukgreen.com  
General Manager, TD, BPC. Email: thinleygyeltshen@bpc.bt  
General Manager, DCSD, BPC. Email: sandeprai@bpc.bt  
General Manager, BPSO, BPC. Email: ujjwaldahal@bpc.bt

Sub: Load Generation Balance Report from 00:00hrs to 09:00hrs (14-Jul-2017).

| Hours (BST) | Forecast   |       | Actual     |        |
|-------------|------------|-------|------------|--------|
|             | Generation | Load  | Generation | Load   |
| 0:00        | 1726.3     | 252.4 | 1678.0     | 250.31 |
| 0:15        | 1726.3     | 254.1 | 1673.2     | 246.34 |
| 0:30        | 1726.3     | 253.8 | 1669.6     | 246.87 |
| 0:45        | 1726.3     | 256.9 | 1658.6     | 250.91 |
| 1:00        | 1726.3     | 255.9 | 1662.3     | 247.51 |
| 1:15        | 1726.3     | 255.8 | 1675.7     | 248.02 |
| 1:30        | 1726.3     | 258.2 | 1671.7     | 245.95 |
| 1:45        | 1726.3     | 255.8 | 1672.8     | 245.92 |
| 2:00        | 1726.3     | 260.4 | 1658.6     | 243.87 |
| 2:15        | 1726.3     | 258.1 | 1655.7     | 241.72 |
| 2:30        | 1726.3     | 262.5 | 1660.6     | 241.85 |
| 2:45        | 1726.3     | 261.1 | 1657.0     | 237.45 |
| 3:00        | 1726.3     | 260.6 | 1674.5     | 241.86 |
| 3:15        | 1726.3     | 259.8 | 1690.5     | 242.48 |
| 3:30        | 1726.3     | 261.3 | 1709.5     | 248.09 |
| 3:45        | 1726.3     | 261.8 | 1710.3     | 248.84 |
| 4:00        | 1726.3     | 265.2 | 1711.5     | 250.77 |
| 4:15        | 1726.3     | 261   | 1710.2     | 251.23 |
| 4:30        | 1726.3     | 260.7 | 1712.3     | 249.50 |
| 4:45        | 1726.3     | 258.8 | 1704.5     | 248.82 |
| 5:00        | 1726.3     | 255.2 | 1707.3     | 250.54 |
| 5:15        | 1726.3     | 259.3 | 1710.3     | 253.27 |
| 5:30        | 1726.3     | 264.2 | 1710.8     | 260.68 |
| 5:45        | 1726.3     | 269.4 | 1710.2     | 261.70 |
| 6:00        | 1726.3     | 277.1 | 1709.9     | 264.99 |
| 6:15        | 1726.3     | 274.2 | 1707.8     | 272.07 |
| 6:30        | 1726.3     | 278.2 | 1692.6     | 272.34 |
| 6:45        | 1726.3     | 277.4 | 1709.3     | 269.41 |
| 7:00        | 1726.3     | 279   | 1704.6     | 261.34 |
| 7:15        | 1726.3     | 277.8 | 1706.6     | 277.26 |
| 7:30        | 1726.3     | 276.4 | 1705.8     | 279.47 |
| 7:45        | 1726.3     | 276.2 | 1708.3     | 275.26 |
| 8:00        | 1726.3     | 272.4 | 1703.7     | 273.04 |
| 8:15        | 1726.3     | 272.9 | 1700.2     | 272.72 |
| 8:30        | 1726.3     | 271.1 | 1706.6     | 275.58 |
| 8:45        | 1726.3     | 271.3 | 1706.3     | 269.77 |
| 9:00        | 1726.3     | 272.8 | 1708.5     | 271.16 |

|   |           |
|---|-----------|
| Coincidental peak load of Day(Last year): |           |
| 260.56MW                                  | 14-Jul-16 |
| 258.23 MW                                 |           |
| 344.02 MW                                 | 18-Mar-17 |

Yours faithfully,

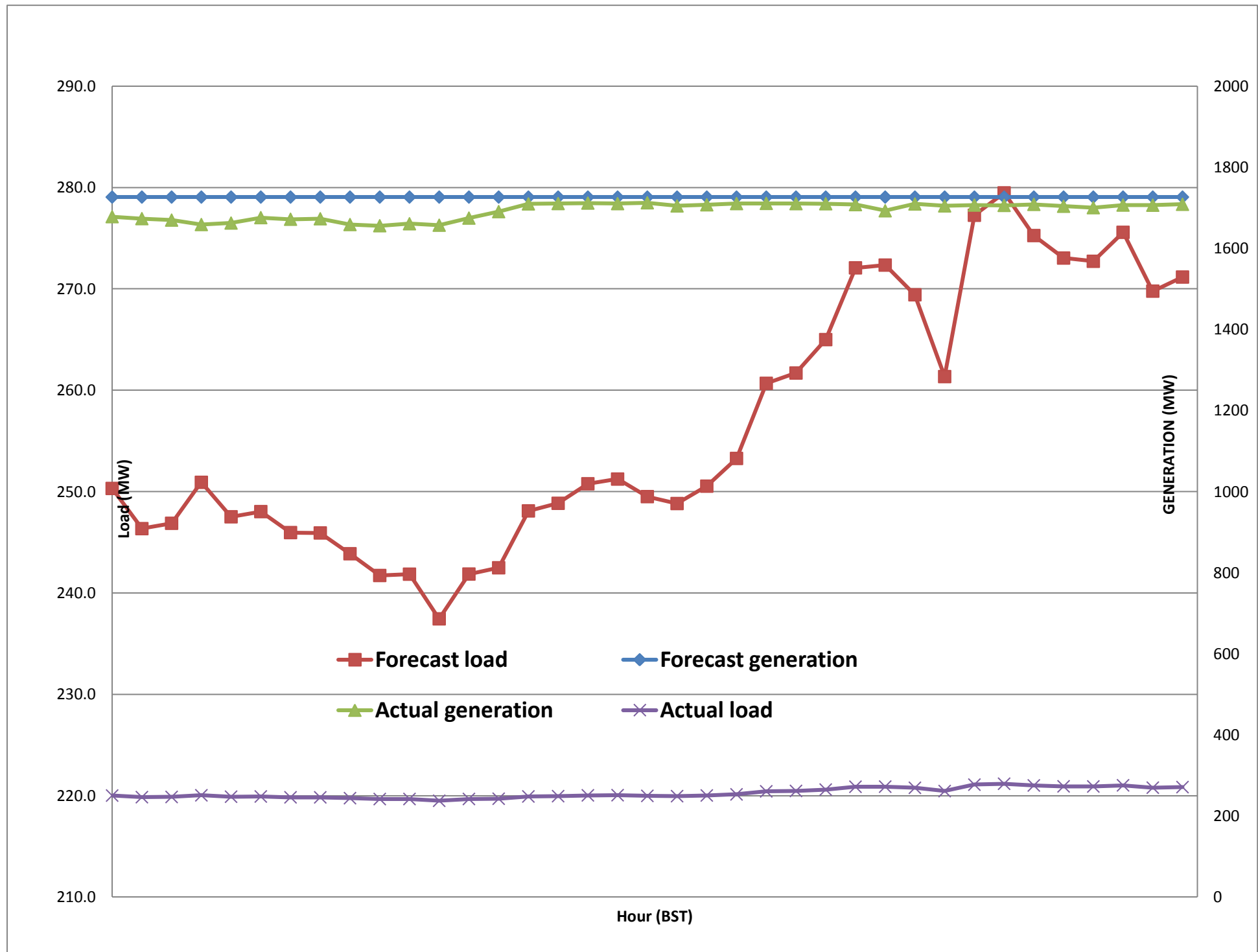
Sign:  
Karma Choden



Message No.: Enter your message number  
 From: Shift In-charge, Control Room

14-Jul-17  
 11:38

Forecast Generation & Load with Actual Generation & Load of Today from 00:00hrs to 09:00hrs(14-Jul-2017).





འབྲུག་གྲོགས་ལས་ཁུངས་།  
**Bhutan Power Corporation Ltd.**  
**Bhutan Power System Operator**  
 Thimphu: Bhutan



**Message No.:** Enter your message number **Date:** 14-Jul-17  
**From:** Shift In-charge, Control Room **Time:** 11:38

**To:** Forecast Generation & Load with Actual Generation & Load (13-Jul-2017).  
 Managing Director, BPC. Email: gemtshering@bpc.bt  
 Director, O&MD, DGPC. Email: director.umd@drukgreen.com  
 General Manager, TD, BPC. Email: ktobgye@bpc.bt  
 General Manager, BPSO, BPC. Email: ujjwaldahal@bpc.bt  
 Advisor, BPC. Email: bharattamang@bpc.bt

**Sub:** Scheduled Generation and Forcast Load of Tomorrow (15-Jul-2017).

Kindly find scheduled generation (MW) and load forecast (MW)

| Hours (BST) | Forecast   |       | Hours (BST) | Forecast   |       |
|-------------|------------|-------|-------------|------------|-------|
|             | Generation | Load  |             | Generation | Load  |
| 0:00        | 1696.7     | 252.1 | 12:00       | 1696.7     | 226.3 |
| 0:15        | 1696.7     | 253.2 | 12:15       | 1696.7     | 225.9 |
| 0:30        | 1696.7     | 251.9 | 12:30       | 1696.7     | 226.5 |
| 0:45        | 1696.7     | 254.5 | 12:45       | 1696.7     | 228.8 |
| 1:00        | 1696.7     | 253.3 | 13:00       | 1696.7     | 228.3 |
| 1:15        | 1696.7     | 253.4 | 13:15       | 1696.7     | 226.6 |
| 1:30        | 1696.7     | 254.7 | 13:30       | 1696.7     | 223.8 |
| 1:45        | 1696.7     | 252.6 | 13:45       | 1696.7     | 223.5 |
| 2:00        | 1696.7     | 255.3 | 14:00       | 1696.7     | 232.2 |
| 2:15        | 1696.7     | 253.4 | 14:15       | 1696.7     | 244.6 |
| 2:30        | 1696.7     | 255.8 | 14:30       | 1696.7     | 247.7 |
| 2:45        | 1696.7     | 256.4 | 14:45       | 1696.7     | 250   |
| 3:00        | 1696.7     | 255   | 15:00       | 1696.7     | 253.2 |
| 3:15        | 1696.7     | 256.3 | 15:15       | 1696.7     | 251.3 |
| 3:30        | 1696.7     | 257.5 | 15:30       | 1696.7     | 251.7 |
| 3:45        | 1696.7     | 258.7 | 15:45       | 1696.7     | 253.8 |
| 4:00        | 1696.7     | 260.4 | 16:00       | 1696.7     | 252   |
| 4:15        | 1696.7     | 258   | 16:15       | 1696.7     | 251.4 |
| 4:30        | 1696.7     | 259.1 | 16:30       | 1696.7     | 251.5 |
| 4:45        | 1696.7     | 257.7 | 16:45       | 1696.7     | 257.3 |
| 5:00        | 1696.7     | 255.7 | 17:00       | 1696.7     | 257.8 |
| 5:15        | 1696.7     | 261.7 | 17:15       | 1696.7     | 262.5 |
| 5:30        | 1696.7     | 265.4 | 17:30       | 1696.7     | 265.2 |
| 6:45        | 1696.7     | 265.8 | 17:45       | 1696.7     | 266   |
| 6:00        | 1696.7     | 271.8 | 18:00       | 1696.7     | 266.8 |
| 6:15        | 1696.7     | 273.1 | 18:15       | 1696.7     | 272.2 |
| 6:30        | 1696.7     | 275.3 | 18:30       | 1696.7     | 275.8 |
| 6:45        | 1696.7     | 277.1 | 18:45       | 1696.7     | 281.4 |
| 7:00        | 1696.7     | 276.8 | 19:00       | 1696.7     | 288.2 |
| 7:15        | 1696.7     | 276.4 | 19:15       | 1696.7     | 292.5 |
| 7:30        | 1696.7     | 275.3 | 19:30       | 1696.7     | 296.6 |
| 7:45        | 1696.7     | 272.9 | 19:45       | 1696.7     | 295.6 |
| 8:00        | 1696.7     | 272.4 | 20:00       | 1696.7     | 294.7 |
| 8:15        | 1696.7     | 270.3 | 20:15       | 1696.7     | 290.6 |
| 8:30        | 1696.7     | 269.8 | 20:30       | 1696.7     | 291   |
| 8:45        | 1696.7     | 271   | 20:45       | 1696.7     | 290.3 |
| 9:00        | 1696.7     | 271.3 | 21:00       | 1696.7     | 283.8 |
| 9:15        | 1696.7     | 275.4 | 21:15       | 1696.7     | 282.1 |
| 9:30        | 1696.7     | 277.1 | 21:30       | 1696.7     | 278.8 |
| 9:45        | 1696.7     | 275.4 | 21:45       | 1696.7     | 277.3 |
| 10:00       | 1696.7     | 272   | 22:00       | 1696.7     | 272.5 |
| 10:15       | 1696.7     | 272.3 | 22:15       | 1696.7     | 271.1 |
| 10:30       | 1696.7     | 265.5 | 22:30       | 1696.7     | 269   |
| 10:45       | 1696.7     | 264   | 22:45       | 1696.7     | 264.7 |
| 11:00       | 1696.7     | 265.7 | 23:00       | 1696.7     | 261.2 |
| 11:15       | 1696.7     | 270.7 | 23:15       | 1696.7     | 258.6 |
| 11:30       | 1696.7     | 264.1 | 23:30       | 1696.7     | 252.7 |
| 11:45       | 1696.7     | 223.5 | 23:45       | 1696.7     | 256.9 |

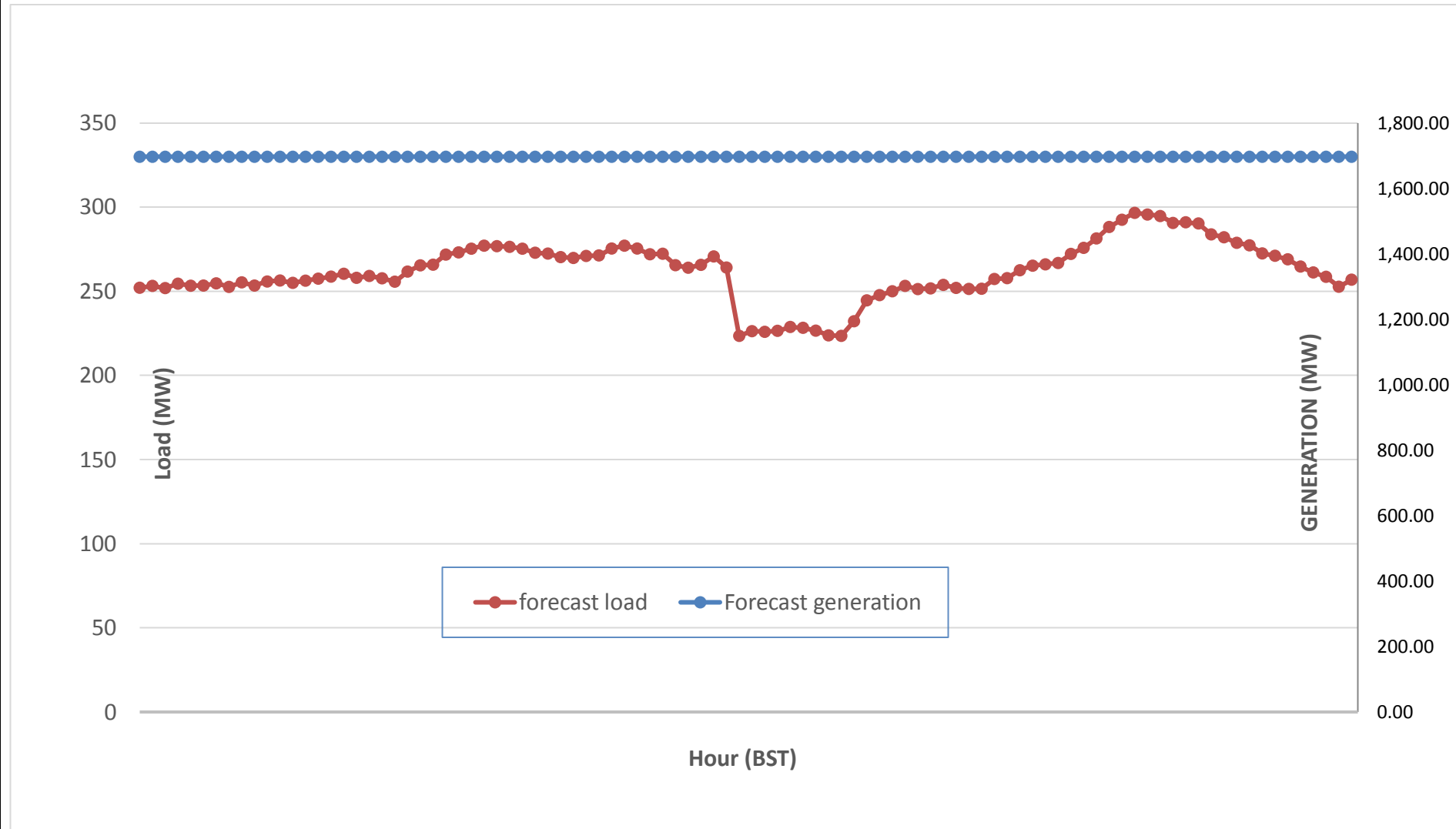
Yours faithfully,  
 Sign:  
 Karma Choden



Message No.: Enter your message number  
 From: Shift In-charge, Control Room

Date: 13-Jul-17  
 Time: 10:49

**Scheduled Generation & Load Forecast for Tomorrow (14-Jul-2017).**



Yours faithfully,

Sign:  
**Karma Choden**

|   | MW     |
|---|--------|
| Scheduled Peak Generation(14-Jul-2017). | 376.90 |
| Forecast Peak Load(14-Jul-2017).        | 300.60 |