



འབྲུག་གླིང་གི་ལམ་འཛིན།

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



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

Date: 2-Jul-17
Time: 10:53

To: Forecast Generation & Load with Actual Generation & Load (01-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 (01-Jul-2017).

| Hours (BST) | Forecast | | Actual | | Hours (BST) | Forecast | | Actual | |
|-------------|------------|-------|------------|--------|-------------|------------|-------|------------|--------|
| | Generation | Load | Generation | Load | | Generation | Load | Generation | Load |
| 0:00 | 1544.3 | 241.7 | 1516.8 | 235.87 | 12:00 | 1544.3 | 251.7 | 1669.9 | 255.38 |
| 0:15 | 1544.3 | 235.5 | 1522.8 | 233.96 | 12:15 | 1544.3 | 251.7 | 1686.6 | 247.93 |
| 0:30 | 1544.3 | 234 | 1522.3 | 231.63 | 12:30 | 1544.3 | 250.9 | 1688.3 | 225.54 |
| 0:45 | 1544.3 | 233.6 | 1522.6 | 232.04 | 12:45 | 1544.3 | 249.4 | 1685.4 | 243.43 |
| 1:00 | 1544.3 | 236.1 | 1522.2 | 233.82 | 13:00 | 1544.3 | 244.7 | 1685.8 | 240.55 |
| 1:15 | 1544.3 | 234.3 | 1518.9 | 234.99 | 13:15 | 1544.3 | 247.7 | 1683.2 | 245.45 |
| 1:30 | 1544.3 | 233.5 | 1518.9 | 237.80 | 13:30 | 1544.3 | 245.6 | 1684.1 | 245.21 |
| 1:45 | 1544.3 | 232.6 | 1515.8 | 234.89 | 13:45 | 1544.3 | 244.8 | 1679.1 | 244.01 |
| 2:00 | 1544.3 | 233.2 | 1516.3 | 236.87 | 14:00 | 1544.3 | 242.6 | 1676.9 | 247.16 |
| 2:15 | 1544.3 | 233.8 | 1518.2 | 238.02 | 14:15 | 1544.3 | 245.2 | 1680.0 | 252.42 |
| 2:30 | 1544.3 | 234 | 1536.1 | 237.30 | 14:30 | 1544.3 | 244.5 | 1684.4 | 252.70 |
| 2:45 | 1544.3 | 231.4 | 1535.6 | 234.43 | 14:45 | 1544.3 | 246 | 1684.2 | 237.12 |
| 3:00 | 1544.3 | 233.3 | 1532.1 | 237.02 | 15:00 | 1544.3 | 242.8 | 1680.4 | 240.79 |
| 3:15 | 1544.3 | 233.5 | 1532.5 | 235.73 | 15:15 | 1544.3 | 241.4 | 1684.3 | 238.19 |
| 3:30 | 1544.3 | 234.4 | 1528.5 | 232.90 | 15:30 | 1544.3 | 237.8 | 1683.4 | 237.73 |
| 3:45 | 1544.3 | 234.6 | 1532.1 | 234.61 | 15:45 | 1544.3 | 241.7 | 1682.1 | 238.79 |
| 4:00 | 1544.3 | 233.3 | 1524.1 | 236.96 | 16:00 | 1544.3 | 243.6 | 1685.1 | 231.42 |
| 4:15 | 1544.3 | 235.4 | 1522.5 | 236.22 | 16:15 | 1544.3 | 247 | 1685.4 | 235.81 |
| 4:30 | 1544.3 | 235.4 | 1580.1 | 236.76 | 16:30 | 1544.3 | 241.5 | 1681.0 | 240.46 |
| 4:45 | 1544.3 | 235.8 | 1581.0 | 244.88 | 16:45 | 1544.3 | 242.7 | 1680.8 | 245.94 |
| 5:00 | 1544.3 | 237.1 | 1578.5 | 241.17 | 17:00 | 1544.3 | 243.2 | 1678.9 | 253.63 |
| 5:15 | 1544.3 | 245.1 | 1575.0 | 247.47 | 17:15 | 1544.3 | 245.9 | 1680.9 | 256.02 |
| 5:30 | 1544.3 | 251.7 | 1586.9 | 249.48 | 17:30 | 1544.3 | 247.7 | 1678.2 | 258.85 |
| 6:45 | 1544.3 | 255 | 1688.2 | 252.22 | 17:45 | 1544.3 | 248 | 1679.3 | 255.10 |
| 6:00 | 1544.3 | 259.4 | 1702.3 | 255.79 | 18:00 | 1544.3 | 249.1 | 1681.4 | 255.87 |
| 6:15 | 1544.3 | 261.5 | 1699.0 | 254.80 | 18:15 | 1544.3 | 254.1 | 1682.7 | 258.88 |
| 6:30 | 1544.3 | 263.7 | 1701.5 | 262.76 | 18:30 | 1544.3 | 259.7 | 1676.7 | 262.79 |
| 6:45 | 1544.3 | 262.9 | 1699.8 | 263.91 | 18:45 | 1544.3 | 262.2 | 1681.3 | 270.44 |
| 7:00 | 1544.3 | 263.7 | 1697.6 | 263.07 | 19:00 | 1544.3 | 267.8 | 1684.8 | 271.66 |
| 7:15 | 1544.3 | 262.6 | 1693.3 | 264.91 | 19:15 | 1544.3 | 274.8 | 1681.5 | 279.09 |
| 7:30 | 1544.3 | 259.5 | 1696.2 | 268.46 | 19:30 | 1544.3 | 279.7 | 1679.4 | 285.66 |
| 7:45 | 1544.3 | 257.2 | 1695.4 | 266.54 | 19:45 | 1544.3 | 280.1 | 1680.9 | 284.76 |
| 8:00 | 1544.3 | 255 | 1694.0 | 268.51 | 20:00 | 1544.3 | 277.4 | 1680.3 | 278.15 |
| 8:15 | 1544.3 | 253.5 | 1691.2 | 267.22 | 20:15 | 1544.3 | 274.8 | 1685.9 | 279.35 |
| 8:30 | 1544.3 | 251.3 | 1694.9 | 267.80 | 20:30 | 1544.3 | 271 | 1689.1 | 274.56 |
| 8:45 | 1544.3 | 250 | 1693.2 | 261.14 | 20:45 | 1544.3 | 270.2 | 1699.6 | 266.42 |
| 9:00 | 1544.3 | 248.4 | 1689.4 | 263.88 | 21:00 | 1544.3 | 267.8 | 1701.4 | 266.83 |
| 9:15 | 1544.3 | 249.7 | 1687.1 | 254.02 | 21:15 | 1544.3 | 267.2 | 1702.4 | 262.09 |
| 9:30 | 1544.3 | 249.3 | 1687.8 | 238.53 | 21:30 | 1544.3 | 262.5 | 1700.4 | 257.80 |
| 9:45 | 1544.3 | 246.7 | 1671.7 | 244.20 | 21:45 | 1544.3 | 260.8 | 1701.5 | 257.17 |
| 10:00 | 1544.3 | 242.5 | 1656.2 | 246.60 | 22:00 | 1544.3 | 255.2 | 1701.0 | 254.75 |
| 10:15 | 1544.3 | 243.5 | 1664.4 | 238.21 | 22:15 | 1544.3 | 251.8 | 1701.4 | 253.58 |
| 10:30 | 1544.3 | 244.1 | 1660.7 | 242.59 | 22:30 | 1544.3 | 249.2 | 1701.3 | 253.21 |
| 10:45 | 1544.3 | 244 | 1661.8 | 244.95 | 22:45 | 1544.3 | 243.9 | 1701.3 | 253.55 |
| 11:00 | 1544.3 | 246.4 | 1658.8 | 256.13 | 23:00 | 1544.3 | 246.7 | 1700.7 | 255.09 |
| 11:15 | 1544.3 | 247.7 | 1656.1 | 252.34 | 23:15 | 1544.3 | 243.2 | 1701.4 | 261.02 |
| 11:30 | 1544.3 | 250.8 | 1656.3 | 253.15 | 23:30 | 1544.3 | 242.1 | 1701.6 | 256.31 |
| 11:45 | 1544.3 | 251.6 | 1649.2 | 249.51 | 23:45 | 1544.3 | 241.5 | 1701.3 | 255.05 |

Remarks-no forecast generation and load due to problem with RSC

Yours faithfully,

Sign:
Karma Yangden

| | |
|---|-----------|
| Coincidental peak load of Day(Last year): | |
| 262.35MW | 1-Jul-16 |
| Maximum Load till date: | |
| 344.02 MW | 18-Mar-17 |



འབྲུག་གྲོག་མེ་ལས་འཛིན།

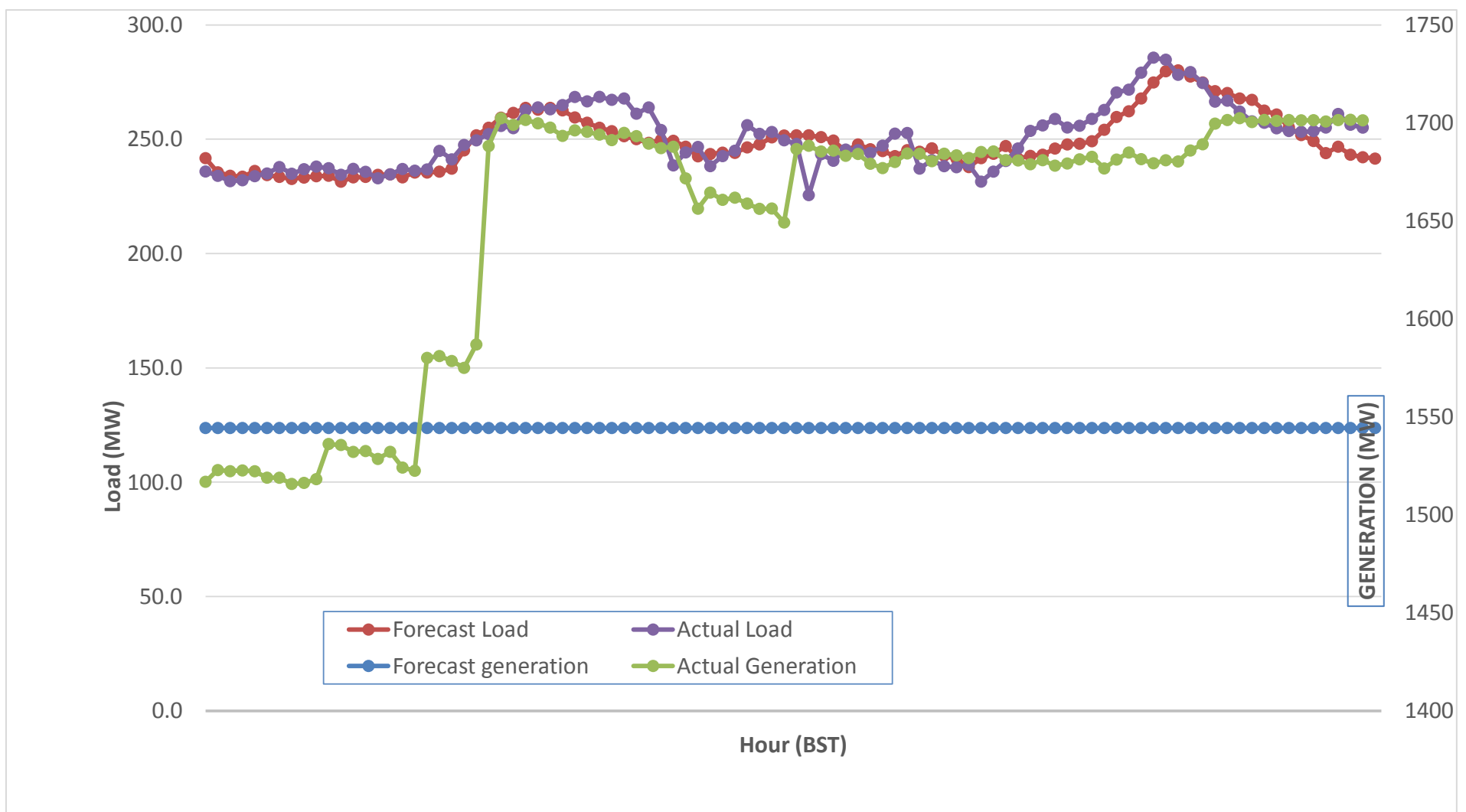
Bhutan Power Corporation Ltd.
 Bhutan Power System Operator
 Thimphu: Bhutan



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

Date: 2-Jul-17
 Time: 10:53

Forecast Generation & Load with Actual Generation & Load (01-Jul-2017).



Yours faithfully,

Sign:
Karma Yangden

| | | |
|--|--|----------|
| | Coincidental peak load of Day(Last year): | |
| | 262.35MW | 1-Jul-16 |

| | |
|--------------------------------|-----------|
| Maximum Load till date: | |
| 344.02 MW | 18-Mar-17 |

Telephone: +975-02335631; Fax: +975-02335632; Email: bhutansystemoperator@bpc.bt; www.bpc.bt



ལྷན་སྐྱོང་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: 2-Jul-17
Time: 11:05

To Forecast Generation & Load with Actual Generation & Load (01-Jul-2017).
Managing Director, BPC. Email: gemtshering@bpc.bt
Director, O&MD, DGPC. Email: director.umd@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 (02-Jul-2017).

| Hours (BST) | Forecast | | Actual | |
|-------------|------------|-------|------------|--------|
| | Generation | Load | Generation | Load |
| 0:00 | 1628.3 | 241.2 | 1701.4 | 256.34 |
| 0:15 | 1628.3 | 234.7 | 1701.3 | 256.49 |
| 0:30 | 1628.3 | 233.6 | 1701.0 | 258.19 |
| 0:45 | 1628.3 | 232.8 | 1701.3 | 256.52 |
| 1:00 | 1628.3 | 235.9 | 1701.5 | 257.01 |
| 1:15 | 1628.3 | 234.1 | 1701.9 | 257.73 |
| 1:30 | 1628.3 | 233.4 | 1709.2 | 240.36 |
| 1:45 | 1628.3 | 232.5 | 1712.3 | 236.62 |
| 2:00 | 1628.3 | 232.7 | 1718.6 | 240.91 |
| 2:15 | 1628.3 | 233.5 | 1727.3 | 240.55 |
| 2:30 | 1628.3 | 233.3 | 1718.8 | 240.54 |
| 2:45 | 1628.3 | 230.8 | 1718.3 | 240.03 |
| 3:00 | 1628.3 | 232.6 | 1728.0 | 234.10 |
| 3:15 | 1628.3 | 233.1 | 1730.0 | 238.22 |
| 3:30 | 1628.3 | 233.8 | 1728.8 | 240.58 |
| 3:45 | 1628.3 | 234.1 | 1730.3 | 241.04 |
| 4:00 | 1628.3 | 232.8 | 1734.1 | 247.08 |
| 4:15 | 1628.3 | 234.8 | 1734.0 | 242.84 |
| 4:30 | 1628.3 | 234.7 | 1731.7 | 240.22 |
| 4:45 | 1628.3 | 235.6 | 1727.5 | 243.24 |
| 5:00 | 1628.3 | 236.4 | 1727.2 | 234.94 |
| 5:15 | 1628.3 | 245.1 | 1729.1 | 248.62 |
| 5:30 | 1628.3 | 251 | 1727.1 | 254.50 |
| 5:45 | 1628.3 | 254.8 | 1725.8 | 257.91 |
| 6:00 | 1628.3 | 257.8 | 1724.6 | 255.80 |
| 6:15 | 1628.3 | 260.8 | 1724.8 | 259.13 |
| 6:30 | 1628.3 | 262.1 | 1716.2 | 257.63 |
| 6:45 | 1628.3 | 260.5 | 1722.0 | 261.13 |
| 7:00 | 1628.3 | 261.5 | 1713.8 | 257.72 |
| 7:15 | 1628.3 | 260.3 | 1715.3 | 256.32 |
| 7:30 | 1628.3 | 256.8 | 1710.5 | 257.09 |
| 7:45 | 1628.3 | 255.4 | 1716.8 | 261.08 |
| 8:00 | 1628.3 | 252.8 | 1707.6 | 262.93 |
| 8:15 | 1628.3 | 251.6 | 1712.8 | 261.50 |
| 8:30 | 1628.3 | 249.8 | 1711.3 | 264.36 |
| 8:45 | 1628.3 | 248.2 | 1709.7 | 263.46 |
| 9:00 | 1628.3 | 246.8 | 1706.8 | 252.83 |

| | |
|---|-----------|
| Coincidental peak load of Day(Last year): | |
| 262.35MW | 1-Jul-16 |
| 258.23 MW | |
| 344.02 MW | 18-Mar-17 |

Yours faithfully,

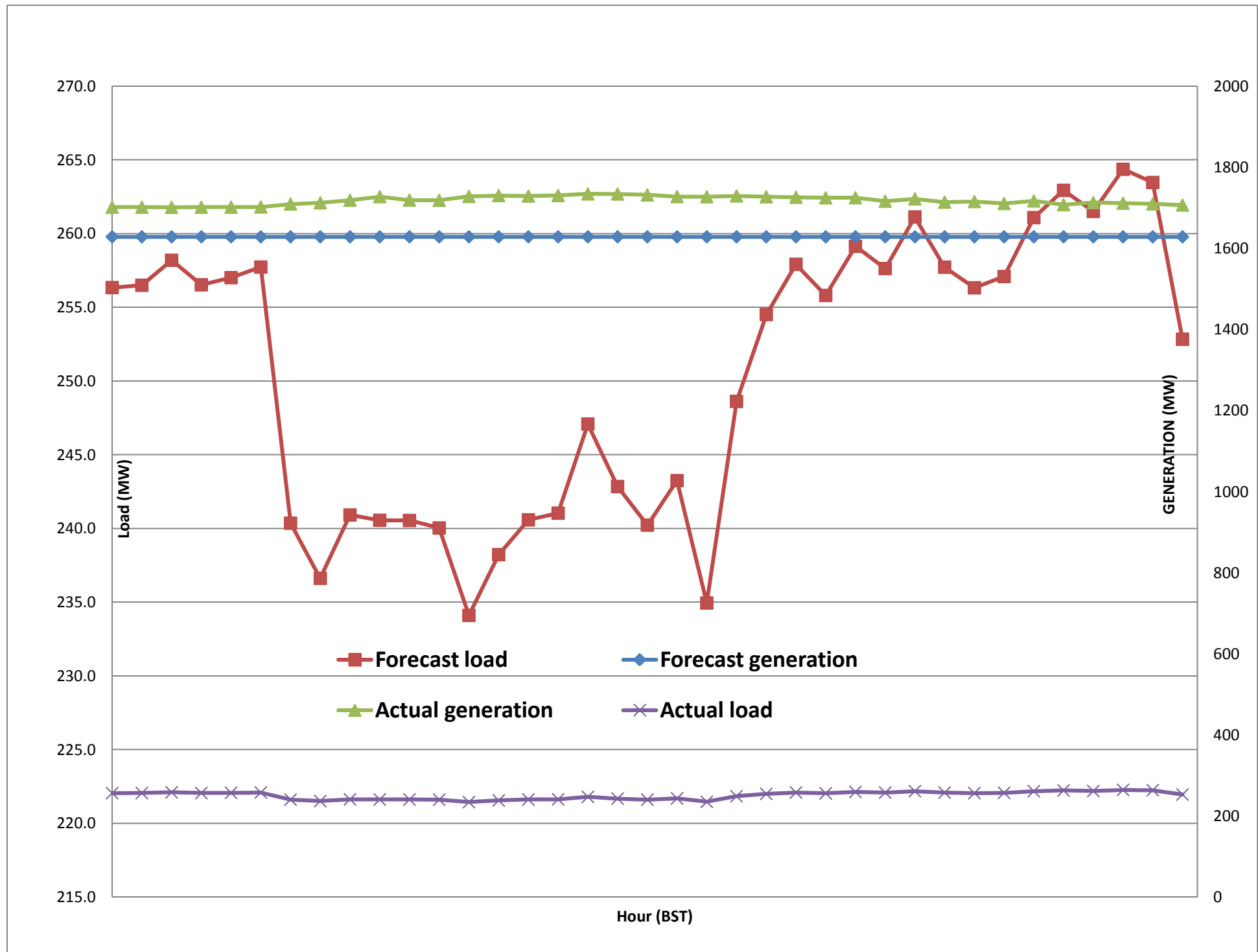
Sign:
Karma Yangden



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

6/25/2017 10:28 2-Jul-17
 6/25/2017 10:28 10:53

Forecast Generation & Load with Actual Generation & Load of Today from 00:00hrs to 09:00hrs(02-Jul-2017).





འབྲུག་གྲོག་ལས་ལེ་སྐོར་ལྷན་ཁག།
Bhutan Power Corporation Ltd.
Bhutan Power System Operator
 Thimphu: Bhutan



Message No.: Enter your message number **Date:** 2-Jul-17
From: Shift In-charge, Control Room **Time:** 10:53

To: Forecast Generation & Load with Actual Generation & Load (01-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 (03-Jul-2017).

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

| Hours (BST) | Forecast | | Hours (BST) | Forecast | |
|-------------|------------|-------|-------------|------------|-------|
| | Generation | Load | | Generation | Load |
| 0:00 | 1729.6 | 238.9 | 12:00 | 1729.7 | 237.6 |
| 0:15 | 1729.6 | 234.9 | 12:15 | 1729.7 | 235.7 |
| 0:30 | 1729.6 | 233.9 | 12:30 | 1729.7 | 230.8 |
| 0:45 | 1729.6 | 234.3 | 12:45 | 1729.7 | 232.7 |
| 1:00 | 1729.6 | 235.7 | 13:00 | 1729.7 | 230.8 |
| 1:15 | 1729.6 | 234.9 | 13:15 | 1729.7 | 237.5 |
| 1:30 | 1729.6 | 235.2 | 13:30 | 1729.7 | 239.3 |
| 1:45 | 1729.6 | 234.3 | 13:45 | 1729.7 | 238 |
| 2:00 | 1729.6 | 234.1 | 14:00 | 1729.7 | 238.7 |
| 2:15 | 1729.6 | 236 | 14:15 | 1729.7 | 240.1 |
| 2:30 | 1729.6 | 235 | 14:30 | 1729.7 | 241.4 |
| 2:45 | 1729.6 | 232.3 | 14:45 | 1729.7 | 238.8 |
| 3:00 | 1729.6 | 233.2 | 15:00 | 1729.7 | 240 |
| 3:15 | 1729.6 | 233.6 | 15:15 | 1729.7 | 239.4 |
| 3:30 | 1729.6 | 234.4 | 15:30 | 1729.7 | 237.1 |
| 3:45 | 1729.6 | 234.5 | 15:45 | 1729.7 | 237.8 |
| 4:00 | 1729.6 | 233.4 | 16:00 | 1729.7 | 239.2 |
| 4:15 | 1729.6 | 236.9 | 16:15 | 1729.7 | 242.6 |
| 4:30 | 1729.6 | 236.3 | 16:30 | 1729.7 | 240.3 |
| 4:45 | 1729.6 | 237.7 | 16:45 | 1729.7 | 242.8 |
| 5:00 | 1729.6 | 239.1 | 17:00 | 1729.7 | 243.3 |
| 5:15 | 1729.6 | 245.3 | 17:15 | 1729.7 | 248.6 |
| 5:30 | 1729.6 | 249.4 | 17:30 | 1729.7 | 249.8 |
| 6:45 | 1729.6 | 253.4 | 17:45 | 1729.7 | 250.9 |
| 6:00 | 1729.6 | 257.6 | 18:00 | 1729.7 | 252.3 |
| 6:15 | 1729.6 | 260.1 | 18:15 | 1729.7 | 255.4 |
| 6:30 | 1729.6 | 263.3 | 18:30 | 1729.7 | 260.9 |
| 6:45 | 1729.6 | 264.4 | 18:45 | 1729.7 | 264.1 |
| 7:00 | 1729.6 | 263.6 | 19:00 | 1729.7 | 270.7 |
| 7:15 | 1729.6 | 264.2 | 19:15 | 1729.7 | 276.9 |
| 7:30 | 1729.6 | 262.4 | 19:30 | 1729.7 | 280.6 |
| 7:45 | 1729.6 | 261.3 | 19:45 | 1729.7 | 279.1 |
| 8:00 | 1729.6 | 260.2 | 20:00 | 1729.7 | 275.5 |
| 8:15 | 1729.6 | 257.8 | 20:15 | 1729.7 | 275.4 |
| 8:30 | 1729.7 | 257.1 | 20:30 | 1729.7 | 271.3 |
| 8:45 | 1729.7 | 253.5 | 20:45 | 1729.7 | 268.8 |
| 9:00 | 1729.7 | 254.3 | 21:00 | 1729.7 | 267 |
| 9:15 | 1729.7 | 250.9 | 21:15 | 1729.7 | 265.3 |
| 9:30 | 1729.7 | 248.2 | 21:30 | 1729.7 | 261.3 |
| 9:45 | 1729.7 | 248.6 | 21:45 | 1729.7 | 258.9 |
| 10:00 | 1729.7 | 246.5 | 22:00 | 1729.7 | 254 |
| 10:15 | 1729.7 | 245 | 22:15 | 1729.7 | 251.8 |
| 10:30 | 1729.7 | 245.4 | 22:30 | 1729.7 | 249.5 |
| 10:45 | 1729.7 | 245.6 | 22:45 | 1729.7 | 246.4 |
| 11:00 | 1729.7 | 249 | 23:00 | 1729.7 | 248.3 |
| 11:15 | 1729.7 | 250.1 | 23:15 | 1729.7 | 248.2 |
| 11:30 | 1729.7 | 250.7 | 23:30 | 1729.7 | 246.8 |
| 11:45 | 1729.7 | 248.5 | 23:45 | 1729.7 | 246.1 |

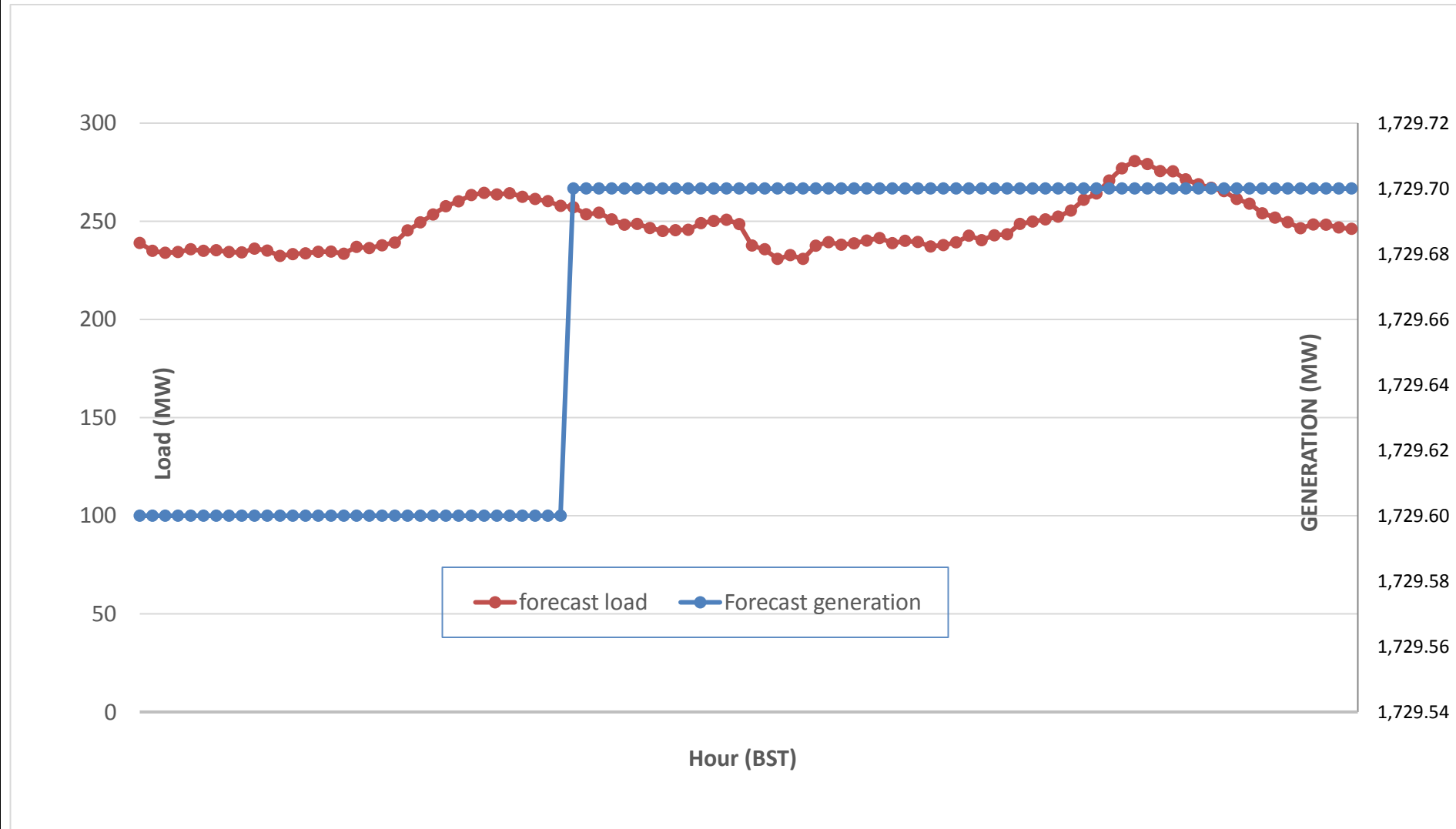
Yours faithfully,
 Sign:
 Karma Yangden



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

Date: 28-Jun-17
 Time: 11:31

Scheduled Generation & Load Forecast for Tomorrow (29-Jun-2017).



Yours faithfully,

Sign:
Phub Zam

| | MW |
|---|--------|
| Scheduled Peak Generation(29-Jun-2017). | 376.90 |
| Forecast Peak Load(29-Jun-2017). | 300.60 |