



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: 10-Jul-17
Time: 11:50

To: Forecast Generation & Load with Actual Generation & Load (09-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 (09-Jul-2017).

| Hours (BST) | Forecast | | Actual | | Hours (BST) | Forecast | | Actual | |
|-------------|------------|-------|------------|--------|-------------|------------|-------|------------|--------|
| | Generation | Load | Generation | Load | | Generation | Load | Generation | Load |
| 0:00 | 1710.3 | 259.3 | 1721.3 | 207.74 | 12:00 | 1695.3 | 274.2 | 1695.8 | 248.55 |
| 0:15 | 1710.3 | 257.2 | 1718.9 | 206.86 | 12:15 | 1695.3 | 272.2 | 1695.4 | 247.53 |
| 0:30 | 1710.3 | 259.3 | 1721.6 | 228.26 | 12:30 | 1695.3 | 261.7 | 1695.9 | 245.84 |
| 0:45 | 1710.3 | 257.1 | 1719.5 | 238.98 | 12:45 | 1695.3 | 260.1 | 1695.8 | 246.04 |
| 1:00 | 1710.3 | 258 | 1721.1 | 240.58 | 13:00 | 1695.3 | 259.5 | 1696.3 | 250.60 |
| 1:15 | 1710.3 | 257.1 | 1721.7 | 243.59 | 13:15 | 1695.3 | 261.3 | 1696.0 | 248.34 |
| 1:30 | 1710.3 | 251.5 | 1730.7 | 253.32 | 13:30 | 1695.3 | 254.5 | 1696.3 | 249.50 |
| 1:45 | 1710.3 | 249.7 | 1724.6 | 255.18 | 13:45 | 1695.3 | 258.1 | 1696.3 | 249.45 |
| 2:00 | 1710.3 | 251.3 | 1728.8 | 245.38 | 14:00 | 1695.3 | 260 | 1696.3 | 252.68 |
| 2:15 | 1710.3 | 252.3 | 1731.3 | 243.59 | 14:15 | 1695.3 | 258.7 | 1695.8 | 251.50 |
| 2:30 | 1710.3 | 256.3 | 1729.7 | 254.99 | 14:30 | 1695.3 | 260 | 1696.3 | 241.79 |
| 2:45 | 1710.3 | 250.8 | 1731.2 | 257.03 | 14:45 | 1695.3 | 259.6 | 1696.2 | 240.77 |
| 3:00 | 1710.3 | 251.2 | 1728.1 | 258.74 | 15:00 | 1695.3 | 258.3 | 1696.2 | 240.97 |
| 3:15 | 1710.3 | 253.5 | 1728.0 | 259.34 | 15:15 | 1695.3 | 255.9 | 1696.0 | 242.15 |
| 3:30 | 1710.3 | 253 | 1728.3 | 259.26 | 15:30 | 1695.3 | 253.1 | 1695.8 | 238.25 |
| 3:45 | 1710.3 | 253.5 | 1728.6 | 258.10 | 15:45 | 1695.3 | 253.9 | 1696.0 | 238.05 |
| 4:00 | 1710.3 | 255.2 | 1728.1 | 259.87 | 16:00 | 1695.3 | 252.8 | 1696.1 | 240.48 |
| 4:15 | 1710.3 | 254.9 | 1728.1 | 257.30 | 16:15 | 1695.3 | 254.4 | 1696.0 | 246.71 |
| 4:30 | 1710.3 | 255.1 | 1728.2 | 258.23 | 16:30 | 1695.3 | 252.8 | 1696.0 | 249.56 |
| 4:45 | 1710.3 | 257 | 1728.2 | 260.35 | 16:45 | 1695.3 | 252.4 | 1696.2 | 249.87 |
| 5:00 | 1710.3 | 258.1 | 1728.3 | 260.48 | 17:00 | 1695.3 | 253.4 | 1734.1 | 265.59 |
| 5:15 | 1710.3 | 264.6 | 1728.3 | 262.05 | 17:15 | 1695.3 | 253.5 | 1734.1 | 264.94 |
| 5:30 | 1710.3 | 268.6 | 1728.5 | 263.26 | 17:30 | 1710.3 | 261.6 | 1734.1 | 269.14 |
| 6:45 | 1710.3 | 271 | 1728.1 | 276.23 | 17:45 | 1710.3 | 266.4 | 1733.7 | 266.80 |
| 6:00 | 1710.3 | 275.5 | 1728.3 | 277.80 | 18:00 | 1710.3 | 269.1 | 1733.5 | 267.34 |
| 6:15 | 1710.3 | 274 | 1728.3 | 279.61 | 18:15 | 1710.3 | 272.2 | 1733.6 | 267.23 |
| 6:30 | 1710.3 | 276.8 | 1728.4 | 280.59 | 18:30 | 1710.3 | 277.6 | 1733.8 | 265.28 |
| 6:45 | 1710.3 | 281.7 | 1728.5 | 281.93 | 18:45 | 1710.3 | 281.3 | 1734.0 | 265.64 |
| 7:00 | 1710.3 | 280.6 | 1728.1 | 283.73 | 19:00 | 1710.3 | 287.6 | 1734.1 | 268.22 |
| 7:15 | 1695.3 | 280.5 | 1728.0 | 282.40 | 19:15 | 1710.3 | 290.4 | 1734.6 | 267.02 |
| 7:30 | 1695.3 | 279.8 | 1727.9 | 280.80 | 19:30 | 1710.3 | 297 | 1734.4 | 266.41 |
| 7:45 | 1695.3 | 275.1 | 1728.0 | 279.92 | 19:45 | 1710.3 | 293.7 | 1734.3 | 266.63 |
| 8:00 | 1695.3 | 275 | 1727.7 | 278.97 | 20:00 | 1710.3 | 292.2 | 1734.4 | 265.54 |
| 8:15 | 1695.3 | 274.9 | 1728.4 | 279.21 | 20:15 | 1710.3 | 292.8 | 1734.3 | 264.43 |
| 8:30 | 1695.3 | 273.3 | 1728.4 | 273.88 | 20:30 | 1710.3 | 292.2 | 1734.2 | 265.45 |
| 8:45 | 1695.3 | 268.7 | 1729.0 | 276.63 | 20:45 | 1710.3 | 290.8 | 1735.2 | 289.66 |
| 9:00 | 1695.3 | 272.7 | 1729.3 | 276.13 | 21:00 | 1710.3 | 288.9 | 1722.1 | 282.20 |
| 9:15 | 1695.3 | 284.9 | 1690.0 | 263.49 | 21:15 | 1710.3 | 288.4 | 1720.2 | 273.54 |
| 9:30 | 1695.3 | 285.4 | 1695.7 | 262.50 | 21:30 | 1710.3 | 285.3 | 1721.2 | 270.07 |
| 9:45 | 1695.3 | 287.9 | 1695.8 | 262.16 | 21:45 | 1710.3 | 283.4 | 1720.7 | 268.28 |
| 10:00 | 1695.3 | 274.3 | 1696.0 | 262.17 | 22:00 | 1710.3 | 282.8 | 1717.3 | 257.02 |
| 10:15 | 1695.3 | 278.6 | 1695.8 | 264.07 | 22:15 | 1710.3 | 279.6 | 1717.7 | 254.69 |
| 10:30 | 1695.3 | 271.9 | 1695.4 | 263.43 | 22:30 | 1710.3 | 277.5 | 1719.3 | 260.10 |
| 10:45 | 1695.3 | 274.1 | 1695.6 | 261.66 | 22:45 | 1710.3 | 275.5 | 1720.5 | 258.81 |
| 11:00 | 1695.3 | 274.4 | 1695.7 | 263.45 | 23:00 | 1710.3 | 277.7 | 1716.4 | 244.42 |
| 11:15 | 1695.3 | 281.6 | 1695.6 | 261.60 | 23:15 | 1710.3 | 274.8 | 1716.7 | 237.91 |
| 11:30 | 1695.3 | 277.8 | 1695.7 | 257.21 | 23:30 | 1710.3 | 273.5 | 1715.9 | 245.28 |
| 11:45 | 1695.3 | 278 | 1695.7 | 246.45 | 23:45 | 1710.3 | 275.9 | 1728.6 | 249.58 |

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

Yours faithfully,

Sign:
Karma Yangden

| | |
|---|-----------|
| Coincidental peak load of Day(Last year): | |
| 232.69 | 9-Jul-16 |
| Maximum Load till date: | |
| 344.02 MW | 18-Mar-17 |



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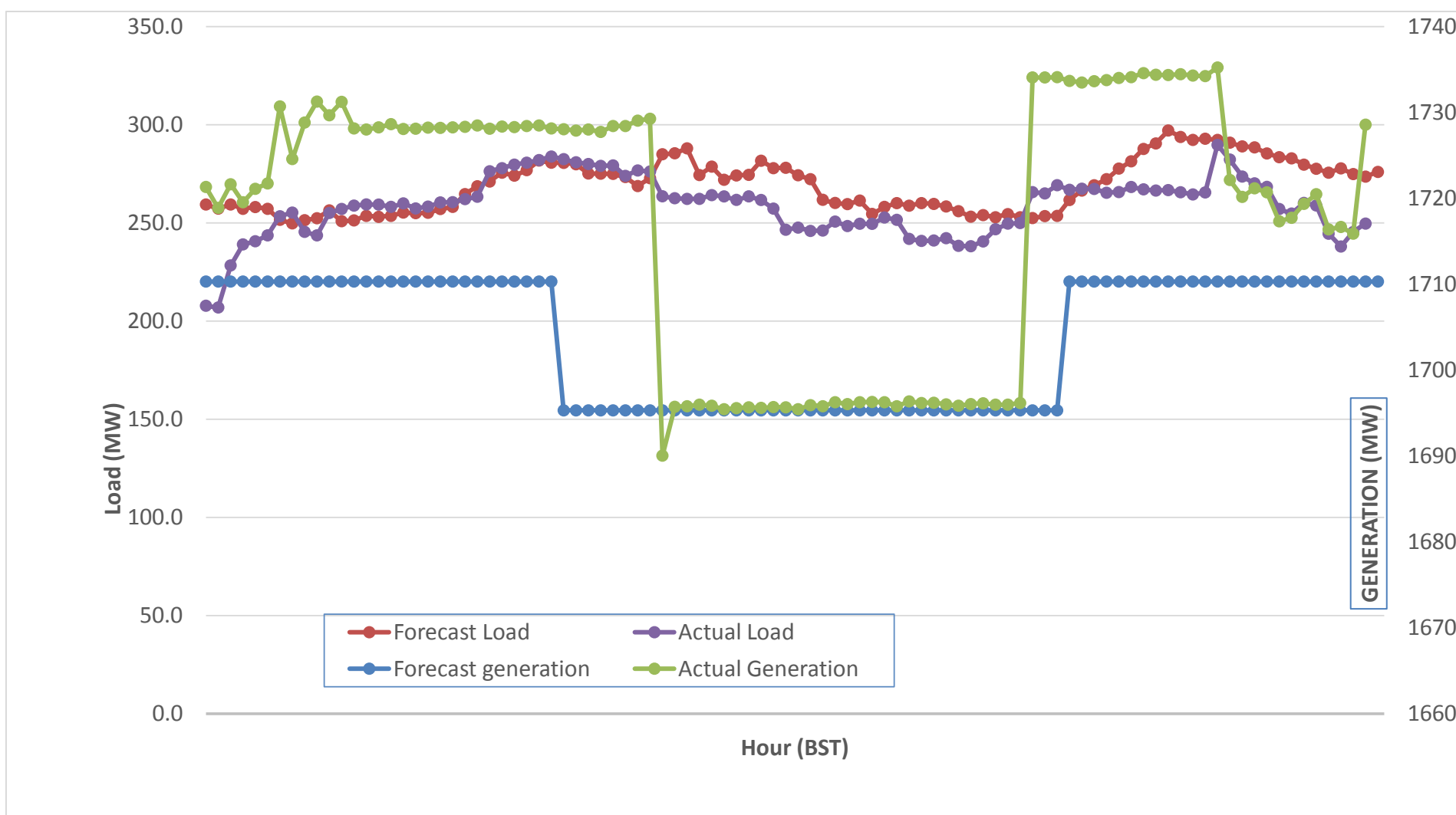
Bhutan Power Corporation Ltd.
Bhutan Power System Operator
Thimphu: Bhutan



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

Date: 10-Jul-17
Time: 11:51

Forecast Generation & Load with Actual Generation & Load (09-Jul-2017).



Yours faithfully,

Sign:
Karma Yangden

| | | |
|--|--|----------|
| | Coincidental peak load of Day(Last year): | |
| | 232.69 | 9-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: 10-Jul-17
Time: 11:52

To Forecast Generation & Load with Actual Generation & Load (09-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 (10-Jul-2017).

| Hours (BST) | Forecast | | Actual | |
|-------------|------------|-------|------------|--------|
| | Generation | Load | Generation | Load |
| 0:00 | 1728.6 | 267.5 | 1734.3 | 249.29 |
| 0:15 | 1728.6 | 267.8 | 1731.0 | 249.30 |
| 0:30 | 1728.6 | 268.4 | 1730.7 | 245.73 |
| 0:45 | 1728.6 | 265.4 | 1730.9 | 247.26 |
| 1:00 | 1728.6 | 268 | 1730.5 | 241.27 |
| 1:15 | 1728.6 | 266.7 | 1731.0 | 246.82 |
| 1:30 | 1728.6 | 264.6 | 1731.8 | 245.02 |
| 1:45 | 1728.6 | 263 | 1731.4 | 247.27 |
| 2:00 | 1728.6 | 265 | 1730.8 | 247.13 |
| 2:15 | 1728.6 | 265.8 | 1730.5 | 245.21 |
| 2:30 | 1728.6 | 268.2 | 1731.0 | 247.08 |
| 2:45 | 1728.6 | 268.9 | 1731.3 | 247.00 |
| 3:00 | 1728.6 | 268.1 | 1731.1 | 247.01 |
| 3:15 | 1728.6 | 270.7 | 1734.4 | 239.34 |
| 3:30 | 1728.6 | 269.9 | 1732.7 | 248.34 |
| 3:45 | 1728.6 | 270.4 | 1731.7 | 250.28 |
| 4:00 | 1728.6 | 272 | 1731.4 | 249.73 |
| 4:15 | 1728.6 | 271.7 | 1733.6 | 245.53 |
| 4:30 | 1728.6 | 272.5 | 1738.4 | 242.13 |
| 4:45 | 1728.6 | 274.4 | 1737.3 | 244.53 |
| 5:00 | 1728.6 | 274.6 | 1737.5 | 244.95 |
| 5:15 | 1728.6 | 279.1 | 1737.8 | 246.66 |
| 5:30 | 1728.6 | 282.5 | 1736.6 | 250.53 |
| 5:45 | 1728.6 | 285 | 1732.8 | 250.93 |
| 6:00 | 1728.6 | 292.3 | 1737.2 | 264.49 |
| 6:15 | 1728.6 | 283.8 | 1732.3 | 268.80 |
| 6:30 | 1728.6 | 289.4 | 1731.0 | 268.42 |
| 6:45 | 1728.6 | 290 | 1733.8 | 273.30 |
| 7:00 | 1728.6 | 290.1 | 1733.8 | 277.16 |
| 7:15 | 1728.6 | 290.8 | 1733.4 | 278.52 |
| 7:30 | 1728.6 | 290.2 | 1734.6 | 273.99 |
| 7:45 | 1728.6 | 288.3 | 1732.4 | 270.30 |
| 8:00 | 1728.6 | 283.1 | 1734.4 | 270.33 |
| 8:15 | 1728.6 | 285.9 | 1727.6 | 261.96 |
| 8:30 | 1728.6 | 281.4 | 1727.4 | 268.05 |
| 8:45 | 1728.6 | 280.5 | 1732.1 | 269.14 |
| 9:00 | 1728.6 | 280.5 | 1722.8 | 262.73 |

| | |
|---|-----------|
| Coincidental peak load of Day(Last year): | |
| 232.69 | 9-Jul-16 |
| 258.23 MW | |
| 344.02 MW | 18-Mar-17 |

Yours faithfully,

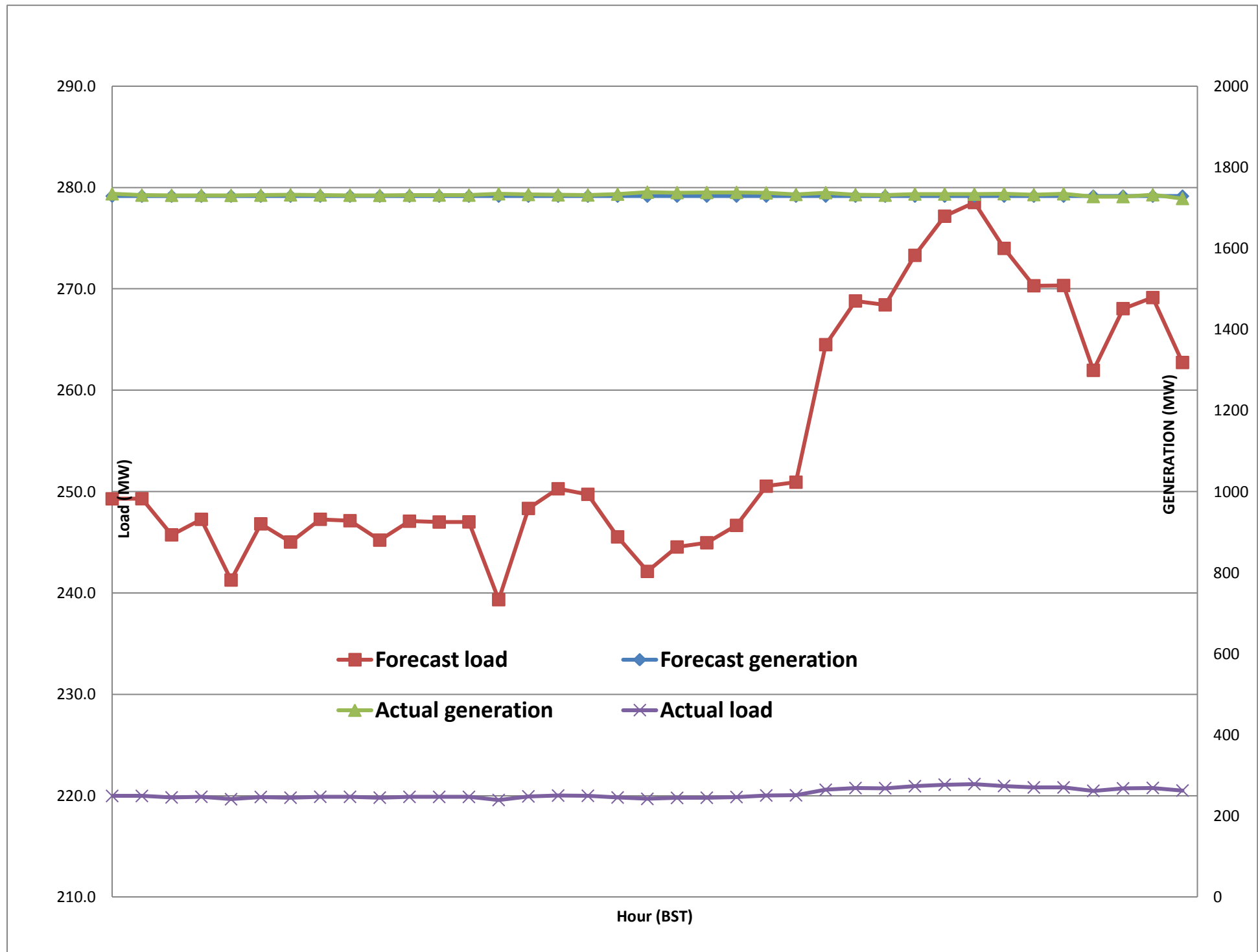
Sign:
Karma Yangden



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

7/9/2017 9:51 10-Jul-17
 7/9/2017 9:51 11:50

Forecast Generation & Load with Actual Generation & Load of Today from 00:00hrs to 09:00hrs(10-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
From: Shift In-charge, Control Room
Date: 10-Jul-17
Time: 11:50

To: Forecast Generation & Load with Actual Generation & Load (09-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 (11-Jul-2017).

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

 ###

| Hours (BST) | Forecast | | Hours (BST) | Forecast | |
|-------------|------------|-------|-------------|------------|-------|
| | Generation | Load | | Generation | Load |
| 0:00 | 1743.5 | 252.2 | 12:00 | 1743.5 | 266.6 |
| 0:15 | 1743.5 | 258.9 | 12:15 | 1743.5 | 266.2 |
| 0:30 | 1743.5 | 258.6 | 12:30 | 1743.5 | 261.9 |
| 0:45 | 1743.5 | 262.4 | 12:45 | 1743.5 | 259.7 |
| 1:00 | 1743.5 | 262.3 | 13:00 | 1743.5 | 259.6 |
| 1:15 | 1743.5 | 261.3 | 13:15 | 1743.5 | 259.2 |
| 1:30 | 1743.5 | 261.1 | 13:30 | 1743.5 | 254.9 |
| 1:45 | 1743.5 | 260.3 | 13:45 | 1743.5 | 256.2 |
| 2:00 | 1743.5 | 263.5 | 14:00 | 1743.5 | 258.7 |
| 2:15 | 1743.5 | 261.3 | 14:15 | 1743.5 | 258.7 |
| 2:30 | 1743.5 | 267.8 | 14:30 | 1743.5 | 257.3 |
| 2:45 | 1743.5 | 265.9 | 14:45 | 1743.5 | 256.7 |
| 3:00 | 1743.5 | 265.7 | 15:00 | 1743.5 | 256.2 |
| 3:15 | 1743.5 | 267.8 | 15:15 | 1743.5 | 244.8 |
| 3:30 | 1743.5 | 267 | 15:30 | 1741.9 | 241.9 |
| 3:45 | 1743.5 | 267.2 | 15:45 | 1743.5 | 245.8 |
| 4:00 | 1743.5 | 268.7 | 16:00 | 1743.5 | 246 |
| 4:15 | 1743.5 | 268.2 | 16:15 | 1743.5 | 243.5 |
| 4:30 | 1743.5 | 268.8 | 16:30 | 1741.7 | 241.7 |
| 4:45 | 1743.5 | 270.9 | 16:45 | 1743.5 | 250.2 |
| 5:00 | 1743.5 | 271.1 | 17:00 | 1743.5 | 253.1 |
| 5:15 | 1743.5 | 274.7 | 17:15 | 1743.5 | 256 |
| 5:30 | 1743.5 | 279.3 | 17:30 | 1743.5 | 261.5 |
| 6:45 | 1743.5 | 282.7 | 17:45 | 1743.5 | 266.2 |
| 6:00 | 1743.5 | 288.2 | 18:00 | 1743.5 | 266.9 |
| 6:15 | 1743.5 | 282.7 | 18:15 | 1743.5 | 269.9 |
| 6:30 | 1743.5 | 287.7 | 18:30 | 1743.5 | 273.7 |
| 6:45 | 1743.5 | 287.6 | 18:45 | 1743.5 | 276.2 |
| 7:00 | 1743.5 | 287.9 | 19:00 | 1743.5 | 279.3 |
| 7:15 | 1743.5 | 288.4 | 19:15 | 1743.5 | 283.1 |
| 7:30 | 1743.5 | 287.5 | 19:30 | 1743.5 | 287.8 |
| 7:45 | 1743.5 | 285.4 | 19:45 | 1743.5 | 286 |
| 8:00 | 1743.5 | 281.8 | 20:00 | 1743.5 | 284.2 |
| 8:15 | 1743.5 | 284 | 20:15 | 1743.5 | 286 |
| 8:30 | 1743.5 | 279.3 | 20:30 | 1743.5 | 285.5 |
| 8:45 | 1743.5 | 279.3 | 20:45 | 1743.5 | 289.8 |
| 9:00 | 1743.5 | 279.5 | 21:00 | 1743.5 | 286 |
| 9:15 | 1743.5 | 278.6 | 21:15 | 1743.5 | 283.5 |
| 9:30 | 1743.5 | 274.8 | 21:30 | 1743.5 | 279.3 |
| 9:45 | 1743.5 | 276.8 | 21:45 | 1743.5 | 279.6 |
| 10:00 | 1743.5 | 269.2 | 22:00 | 1743.5 | 274 |
| 10:15 | 1743.5 | 271.5 | 22:15 | 1743.5 | 272.8 |
| 10:30 | 1743.5 | 265.9 | 22:30 | 1743.5 | 272.5 |
| 10:45 | 1743.5 | 267 | 22:45 | 1743.5 | 268.4 |
| 11:00 | 1743.5 | 269.2 | 23:00 | 1743.5 | 263.9 |
| 11:15 | 1743.5 | 272.4 | 23:15 | 1743.5 | 262.4 |
| 11:30 | 1743.5 | 267.9 | 23:30 | 1743.5 | 255.1 |
| 11:45 | 1743.5 | 267 | 23:45 | 1743.5 | 264 |

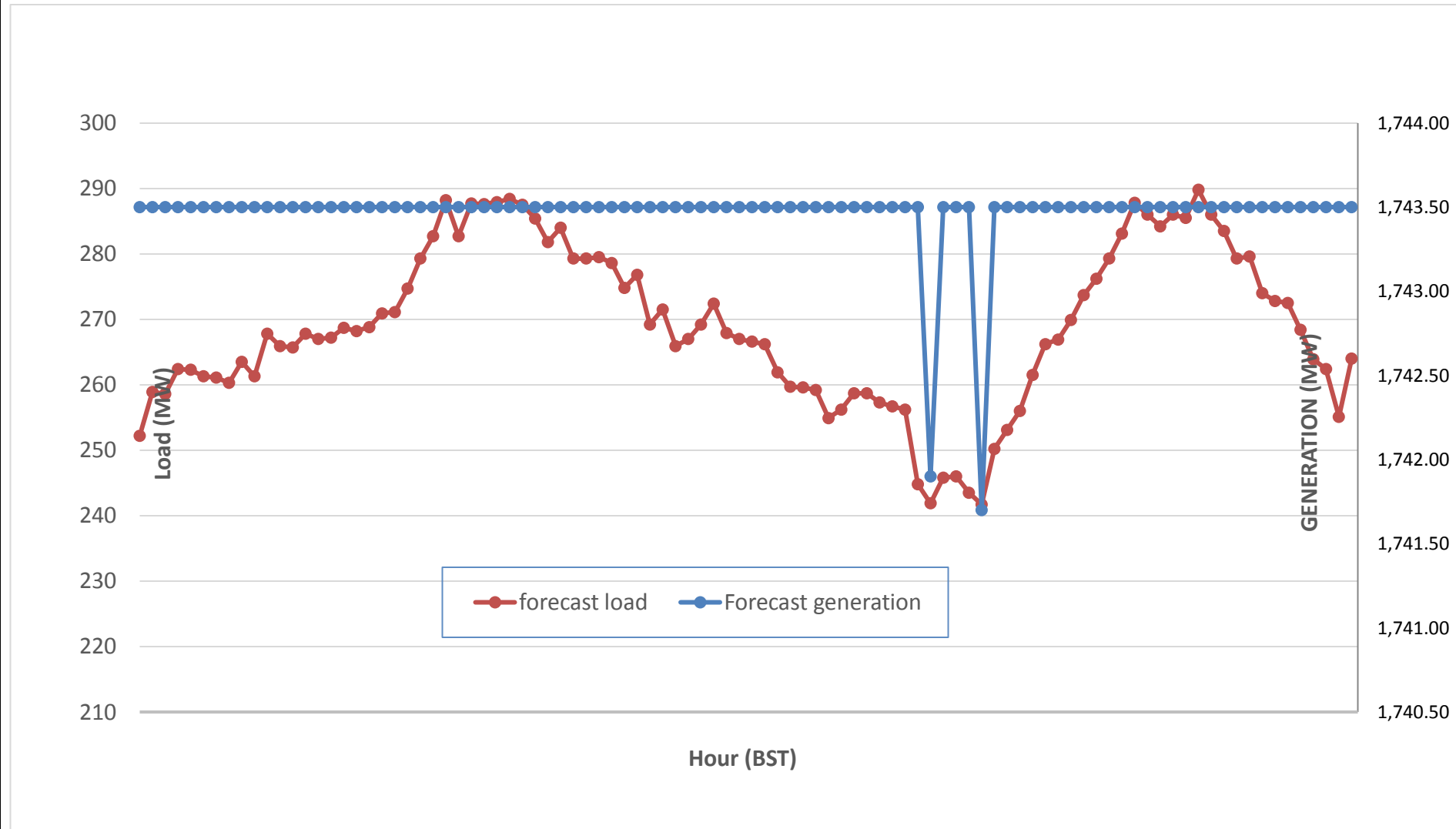
Yours faithfully,
 Sign:
 Karma Yangden



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

Date: 10-Jul-17
 Time: 11:52

Scheduled Generation & Load Forecast for Tomorrow (11-Jul-2017).



Yours faithfully,

Sign:
Karma Yangden

| | MW |
|---|--------|
| Scheduled Peak Generation(11-Jul-2017). | 376.90 |
| Forecast Peak Load(11-Jul-2017). | 300.60 |