



འབྲུག་གློག་ཚེ་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: 23-Jan-18  
Time: 9:30

To  
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

Sub: **Load Generation Balance Report of Yesterday (22-Jan-2018).**

Hours (BST)	Forecast		Actual		Hours (BST)	Forecast		Actual	
	Generation	Load	Generation	Load		Generation	Load	Generation	Load
0:00	291.90	240.80	336.68	230.42	12:00	291.90	286.50	288.93	291.63
0:15	291.90	232.80	336.31	239.53	12:15	291.90	290.60	288.68	289.44
0:30	291.90	230.10	327.85	246.74	12:30	291.90	290.00	288.58	297.31
0:45	291.90	225.30	317.32	247.47	12:45	291.90	286.00	288.89	288.53
1:00	291.90	224.30	316.62	246.75	13:00	291.90	283.10	288.77	286.51
1:15	291.90	217.00	316.25	244.95	13:15	291.90	283.70	311.77	261.36
1:30	291.90	218.60	316.70	238.90	13:30	291.90	283.60	310.19	263.97
1:45	291.90	213.50	316.37	250.33	13:45	291.90	284.80	311.25	264.30
2:00	291.90	211.60	316.58	249.04	14:00	291.90	284.40	311.80	255.23
2:15	291.90	207.90	316.04	249.72	14:15	291.90	281.70	310.97	259.88
2:30	291.90	205.20	314.71	248.56	14:30	291.90	278.50	313.01	266.16
2:45	291.90	206.10	316.01	253.36	14:45	291.90	280.20	315.23	262.34
3:00	291.90	210.70	314.88	250.47	15:00	291.90	279.40	316.23	256.79
3:15	291.90	215.00	314.63	256.23	15:15	291.90	279.70	293.66	286.41
3:30	291.90	222.60	311.00	252.85	15:30	291.90	278.60	294.71	284.84
3:45	291.90	227.60	311.74	254.20	15:45	291.90	276.80	294.44	294.33
4:00	291.90	227.90	309.12	252.64	16:00	291.90	275.90	293.97	289.51
4:15	291.90	228.40	308.87	255.10	16:15	291.90	281.60	294.49	283.23
4:30	291.90	238.90	308.80	257.34	16:30	291.90	288.00	312.73	273.27
4:45	291.90	235.50	292.63	240.29	16:45	291.90	290.40	325.95	259.31
5:00	291.90	238.00	291.75	245.18	17:00	291.90	297.50	326.73	264.09
5:15	291.90	244.50	307.80	256.56	17:15	306.50	304.80	340.80	280.19
5:30	291.90	238.70	306.50	269.73	17:30	306.50	310.70	338.96	291.52
5:45	291.90	247.40	306.91	270.93	17:45	306.50	318.60	351.22	306.00
6:00	292.20	258.80	307.20	269.41	18:00	306.50	328.30	351.66	314.80
6:15	306.50	258.30	307.57	280.50	18:15	306.50	333.60	351.25	327.59
6:30	306.50	265.00	309.15	280.72	18:30	306.50	335.80	350.49	329.16
6:45	306.50	275.20	307.45	291.01	18:45	306.50	332.10	350.47	331.59
7:00	306.50	291.50	308.47	303.30	19:00	306.50	332.80	350.12	330.75
7:15	306.50	296.20	322.00	303.85	19:15	306.50	330.10	349.98	327.24
7:30	306.50	302.40	307.16	309.45	19:30	306.50	327.40	352.17	333.24
7:45	306.50	292.10	320.34	312.43	19:45	306.50	322.50	349.95	324.00
8:00	306.50	263.30	322.39	311.98	20:00	306.50	323.00	350.62	324.09
8:15	306.50	248.00	320.46	311.20	20:15	306.50	320.40	350.10	317.90
8:30	306.50	245.00	322.83	315.21	20:30	306.50	316.90	350.63	318.09
8:45	306.50	268.10	322.92	305.21	20:45	306.50	315.00	337.05	315.21
9:00	306.50	306.10	322.59	297.38	21:00	306.50	311.50	337.98	316.54
9:15	291.90	318.00	323.39	301.72	21:15	291.90	344.00	336.50	314.34
9:30	291.90	305.40	322.99	306.13	21:30	291.90	339.30	336.99	310.12
9:45	291.90	297.00	324.03	308.16	21:45	291.90	307.90	337.65	309.43
10:00	291.90	292.40	322.90	308.38	22:00	291.90	303.50	336.38	299.34
10:15	291.90	288.20	324.34	286.41	22:15	291.90	299.90	338.05	287.27
10:30	291.90	287.20	310.20	278.80	22:30	291.90	292.90	336.66	274.88
10:45	291.90	285.20	310.03	284.10	22:45	291.90	287.70	338.08	285.25
11:00	291.90	286.10	288.98	304.85	23:00	291.90	286.20	336.41	281.62
11:15	291.90	284.90	288.78	303.97	23:15	291.90	275.50	336.52	282.81
11:30	291.90	292.00	289.66	300.72	23:30	291.90	268.30	337.14	245.18
11:45	291.90	289.20	289.72	302.68	23:45	291.90	265.50	336.48	247.18

Yours faithfully  
Jangchuk Selden

<b>Coincidental peak load of Day(Last year):</b>	
274.77 MW	22-Jan-17
<b>Maximum Load till date:</b>	
362.09MW	14-Nov-17



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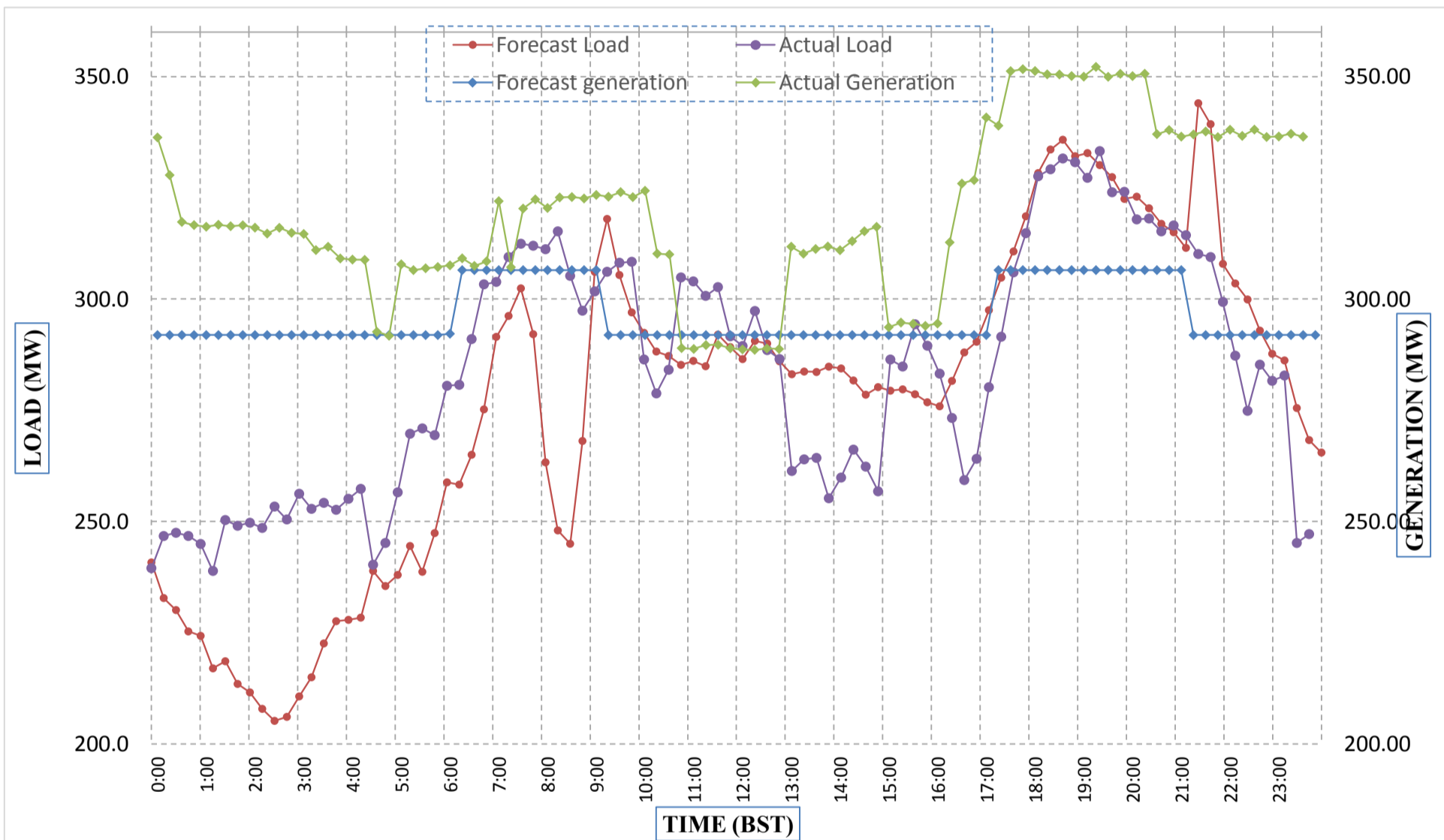
Bhutan Power Corporation Ltd.  
Bhutan Power System Operator  
Thimphu: Bhutan



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

Date: 23-Jan-18  
Time: 9:30

Forecast Generation & Load with Actual Generation & Load (22-Jan-2018).



Yours faithfully,  
Jangchuk Selden

	MW	Coincidental peak load of Day(Last year):	
Peak Co-incident Generation(22-Jan-2018).	352.17	274.77 MW	22-Jan-17
Peak Co-incident Load(22-Jan-2018).	333.24	Maximum Load till date:	
		362.09MW	14-Nov-17

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



འབྲུག་གླིང་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: 23-Jan-18  
Time: 9:30

To  
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: sandeeprai@bpc.bt

Sub: Load Generation Balance Report of Today (23-Jan-2018).

Hours (BST)	Forecast		Actual	
	Generation	Load	Generation	Load
0:00	333.50	260.50	337.91	264.38
0:15	333.50	262.40	336.72	262.60
0:30	333.50	255.90	336.83	267.14
0:45	333.50	250.90	337.68	265.84
1:00	333.50	239.30	336.41	256.93
1:15	328.30	228.30	336.84	255.99
1:30	330.50	230.50	337.99	253.61
1:45	324.80	224.80	337.25	253.05
2:00	317.90	217.90	337.42	257.98
2:15	311.20	211.20	336.17	260.74
2:30	309.60	209.60	334.17	247.84
2:45	305.80	205.80	333.87	253.01
3:00	308.20	208.20	332.57	256.71
3:15	312.00	212.00	322.45	257.27
3:30	321.20	221.20	322.70	261.23
3:45	332.00	232.00	323.02	260.24
4:00	332.50	232.50	321.50	261.06
4:15	332.00	232.00	315.37	260.86
4:30	333.50	241.80	304.46	261.90
4:45	333.50	238.00	302.36	260.62
5:00	333.50	241.90	302.83	264.99
5:15	333.50	247.60	303.68	262.06
5:30	333.50	245.50	294.45	270.57
5:45	333.50	250.60	293.56	269.55
6:00	349.20	264.90	292.18	261.29
6:15	349.20	268.60	292.55	277.64
6:30	349.20	270.20	291.45	287.59
6:45	349.20	279.10	293.34	297.45
7:00	349.20	291.80	293.98	305.66
7:15	349.20	295.30	306.99	311.59
7:30	349.20	307.60	307.51	321.70
7:45	349.20	282.80	308.42	323.40
8:00	349.20	250.60	307.27	312.66
8:15	336.80	236.80	307.59	315.53
8:30	349.20	265.60	307.16	309.66
8:45	349.20	303.60	308.01	303.05
9:00	333.50	314.40	307.77	305.66

Coincidental peak load of Day(Last year):	
2268.45 MW	23-Jan-17

Maximum Load till date:	
362.09MW	14-Nov-17

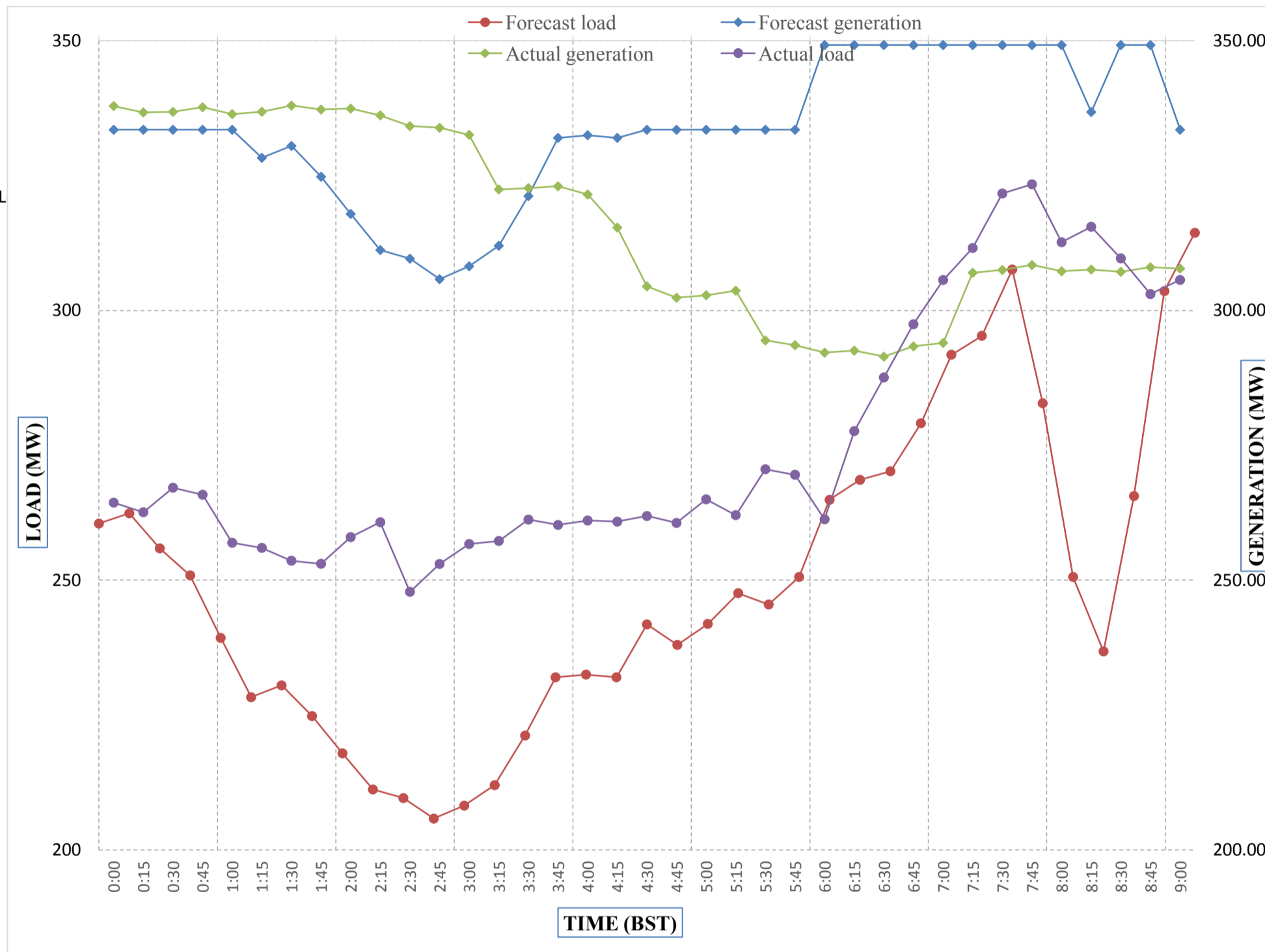
Yours faithfully,  
Jangchuk Selden



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

1/23/2018 9:30 23-Jan-18  
 1/23/2018 9:30 9:30

Forecast Generation & Load with Actual Generation & Load of Today from 00:00hrs to 09:00hrs(23-Jan-2018).



Yours faithfully Jangchuk Selden



འབྲུག་རྒྱལ་ཁོག་གི་འགྲུལ་རྒྱུ་ལས་ཁུངས་ལ.ལ.  
**Bhutan Power Corporation Ltd.**  
**Bhutan Power System Operator**  
**Thimphu: Bhutan**



**Message No.:** Enter your message number **Date:** 23-Jan-18  
**From:** Shift In-charge, Control Room **Time:** 9:30

**To**  
 Managing Director, BPC. Email: gemtshering@bpc.bt  
 Director, O&MD, DGPC. Email: director.umd@drukgreen.com  
 General Manager, TD, BPC. Email: ktobgye@bpc.bt  
 Advisor, BPC. Email: bharattamang@bpc.bt

**Sub:** Load Generation Balance Report of Tomorrow (24-Jan-2018).

Hours (BST)	Forecast		Hours (BST)	Forecast	
	Generation	Load		Generation	Load
0:00	333.70	257.90	12:00	329.10	288.40
0:15	333.70	250.10	12:15	329.10	291.40
0:30	333.70	239.00	12:30	329.10	291.20
0:45	330.70	230.70	12:45	329.10	285.70
1:00	314.50	214.50	13:00	329.10	276.50
1:15	310.10	210.10	13:15	329.10	276.00
1:30	307.50	207.50	13:30	329.10	277.20
1:45	305.40	205.40	13:45	329.10	277.80
2:00	304.50	204.50	14:00	329.10	277.40
2:15	301.60	201.60	14:15	329.10	278.20
2:30	307.90	207.90	14:30	329.10	275.80
2:45	306.80	206.80	14:45	329.10	276.90
3:00	314.40	214.40	15:00	329.10	283.10
3:15	320.90	220.90	15:15	329.10	281.80
3:30	329.20	232.70	15:30	329.10	280.80
3:45	329.20	253.60	15:45	329.10	280.90
4:00	329.20	254.10	16:00	329.10	279.20
4:15	329.20	255.30	16:15	329.10	281.70
4:30	329.20	269.10	16:30	329.10	283.00
4:45	329.20	263.40	16:45	329.10	284.00
5:00	329.20	264.70	17:00	344.70	290.20
5:15	329.20	267.30	17:15	344.70	297.20
5:30	329.20	267.20	17:30	344.70	307.90
6:45	329.20	270.60	17:45	344.70	314.00
6:00	345.20	278.00	18:00	344.70	327.20
6:15	345.20	279.50	18:15	344.70	334.50
6:30	345.20	280.10	18:30	344.70	335.70
6:45	345.20	287.60	18:45	344.70	334.10
7:00	345.20	301.10	19:00	344.70	334.80
7:15	345.20	304.10	19:15	344.70	331.20
7:30	345.20	319.80	19:30	344.70	328.10
7:45	345.20	317.90	19:45	344.70	328.90
8:00	345.20	298.60	20:00	344.70	329.50
8:15	345.20	261.30	20:15	344.70	321.80
8:30	343.20	243.20	20:30	344.70	316.40
8:45	345.10	254.60	20:45	344.70	314.00
9:00	330.60	314.80	21:00	330.60	312.70
9:15	329.10	312.30	21:15	329.10	328.30
9:30	329.10	304.10	21:30	329.10	323.20
9:45	329.10	299.50	21:45	329.10	305.00
10:00	329.10	297.10	22:00	329.10	295.70
10:15	329.10	284.00	22:15	329.10	288.60
10:30	329.10	284.90	22:30	329.10	286.70
10:45	329.10	291.50	22:45	329.10	287.40
11:00	329.10	290.90	23:00	329.10	281.70
11:15	329.10	291.20	23:15	329.10	275.70
11:30	329.10	296.80	23:30	329.10	272.70
11:45	329.10	292.70	23:45	329.10	266.50

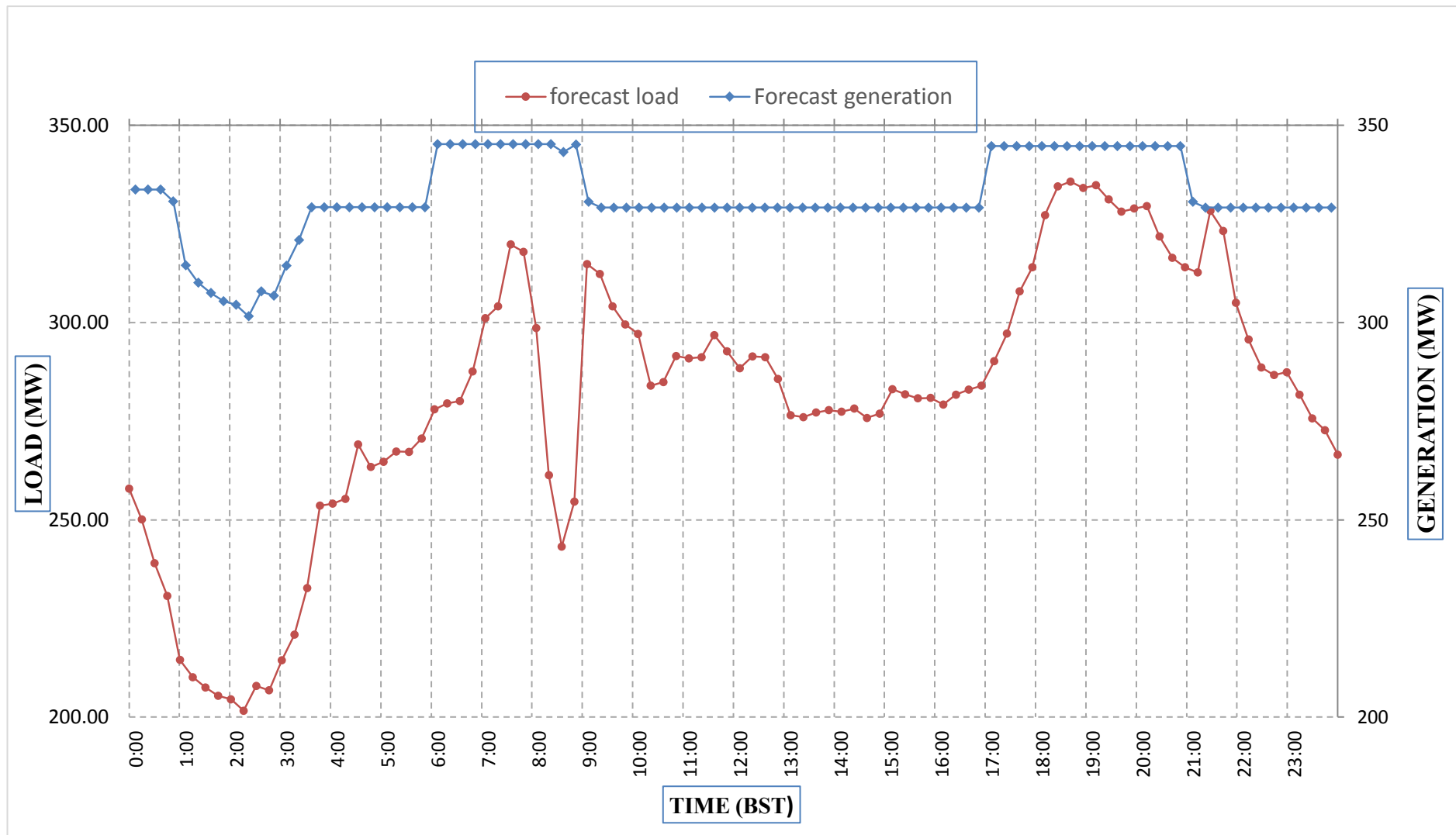
Yours faithfully,  
 Jangchuk Selden



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

Date: 23-Jan-18  
 Time: 9:30

**Forecast Generation & Load Forecast for Tomorrow (24-Jan-2018).**



Yours faithfully,  
 Jangchuk Selden

	MW
Scheduled Peak Generation(24-Jan-2018).	345.20
Forecast Peak Load(24-Jan-2018).	335.70



འབྲུག་རྒྱལ་ཁོངས་ལོ་ལས་འཛིན་གྲྭ།

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



Message No.:

Enter your message number

Date: 23-Jan-18

From:

Shift In-charge, Control Room

Time: 13:09

To

Managing Director, BPC. Email: gemtshering@bpc.bt  
Director, O&MD, DGPC. Email: director.omb@drukgreen.com  
General Manager, TD, BPC. Email: ktobgye@bpc.bt  
Advisor, BPC. Email: bharattamang@bpc.bt

Sub:

Forecast Generation and Actual Generation of Dagachhu (22-Jan-2018).

Hours (BST)	Actual Frequency	Forecast Generation	Actual Generation	Hours (BST)	Actual Frequency	Forecast Generation	Actual Generation
0:00		21.70	22.01	12:00		21.70	0.00
0:15		21.70	22.00	12:15		21.70	0.00
0:30		21.70	22.29	12:30		21.70	0.00
0:45		21.70	22.31	12:45		21.70	0.00
1:00		21.70	22.30	13:00		21.70	0.15
1:15		21.70	22.32	13:15		21.70	22.01
1:30		21.70	22.30	13:30		21.70	22.01
1:45		21.70	22.31	13:45		21.70	21.98
2:00		21.70	22.30	14:00		21.70	22.55
2:15		21.70	22.32	14:15		21.70	22.54
2:30		21.70	22.30	14:30		21.70	22.54
2:45		21.70	22.32	14:45		21.70	22.53
3:00		21.70	22.31	15:00		21.70	22.54
3:15		21.70	22.04	15:15		21.70	0.00
3:30		21.70	22.02	15:30		21.70	0.00
3:45		21.70	22.02	15:45		21.70	0.00
4:00		21.70	21.50	16:00		21.70	0.00
4:15		21.70	21.52	16:15		21.70	0.00
4:30		21.70	21.52	16:30		21.70	17.92
4:45		21.70	21.03	16:45		21.70	32.07
5:00		21.70	20.49	17:00		21.70	32.04
5:15		21.70	20.53	17:15		21.70	23.99
5:30		21.70	20.04	17:30		21.70	23.97
6:45		21.70	20.01	17:45		21.70	21.97
6:00		21.70	20.03	18:00		21.70	20.97
6:15		21.70	20.50	18:15		21.70	20.98
6:30		21.70	20.51	18:30		21.70	20.97
6:45		21.70	20.52	18:45		21.70	20.98
7:00		21.70	20.51	19:00		21.70	21.03
7:15		21.70	20.53	19:15		21.70	21.03
7:30		21.70	20.81	19:30		21.70	21.05
7:45		21.70	20.83	19:45		21.70	20.96
8:00		21.70	20.83	20:00		21.70	21.02
8:15		21.70	20.82	20:15		21.70	20.97
8:30		21.70	20.81	20:30		21.70	21.04
8:45		21.70	20.81	20:45		21.70	21.03
9:00		21.70	20.80	21:00		21.70	21.00
9:15		21.70	20.84	21:15		21.70	20.99
9:30		21.70	20.82	21:30		21.70	20.99
9:45		21.70	20.82	21:45		21.70	20.99
10:00		21.70	20.82	22:00		21.70	20.97
10:15		21.70	20.81	22:15		21.70	21.01
10:30		21.70	20.82	22:30		21.70	21.00
10:45		21.70	20.82	22:45		21.70	20.99
11:00		21.70	0.00	23:00		21.70	21.01
11:15		21.70	0.00	23:15		21.70	21.02
11:30		21.70	0.00	23:30		21.70	20.99
11:45		21.70	0.00	23:45		21.70	20.90

Note:Not able to get the frequency due to multifunction controller Card damaged.

Yours faithfully,  
Jangchuk Selden



འབྲུག་རྒྱལ་ཁོ་ལས་འཛིན།

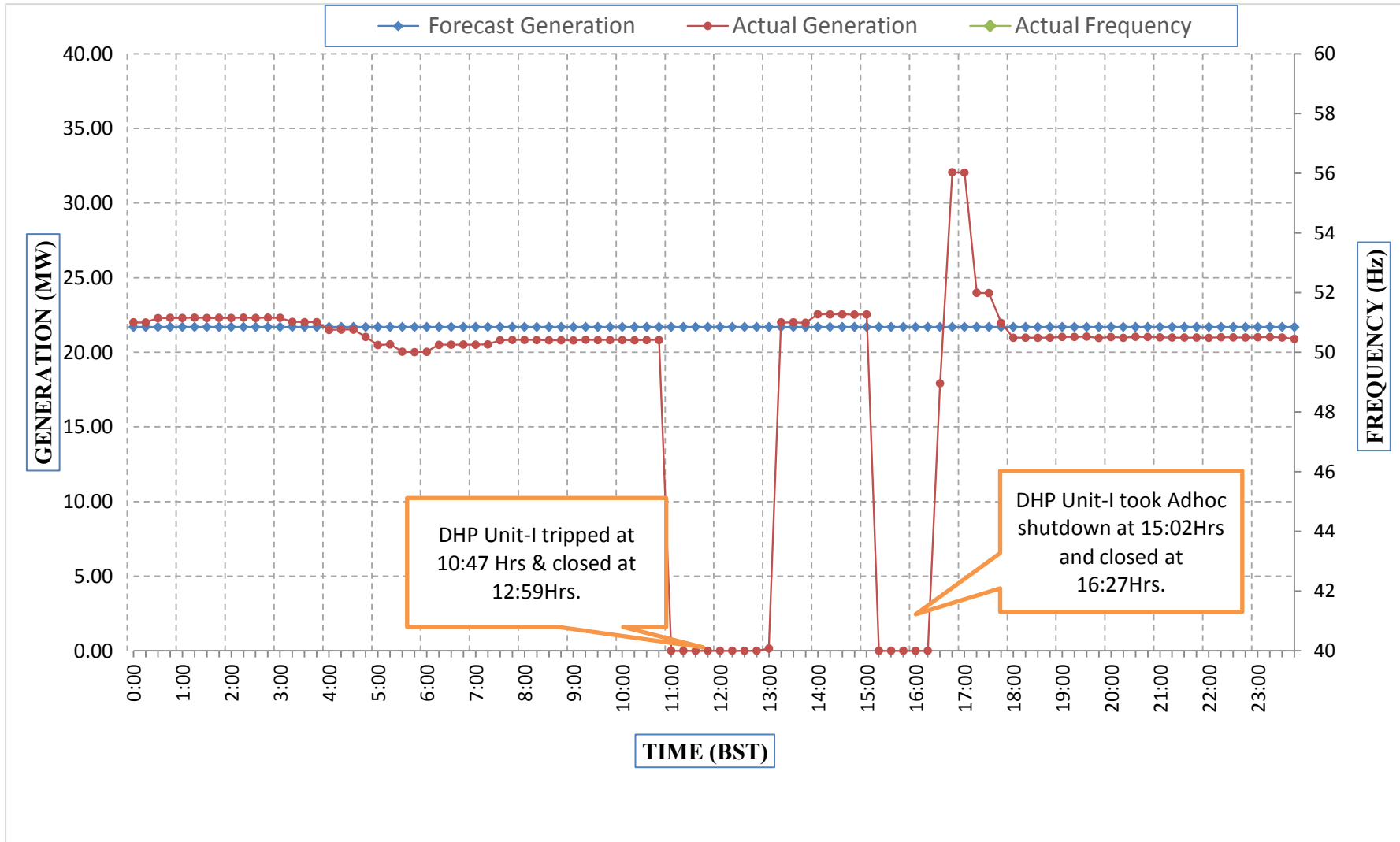
Bhutan Power Corporation Ltd.  
Bhutan Power System Operator  
Thimphu: Bhutan



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

Date: 23-Jan-18  
Time: 9:30

Forecast Generation & Actual Generation of Dagachhu(22-Jan-2018).



Yours faithfully,  
Jangchuk Selden