

Load Following Monitoring Report for January 2014

Overview

This report gives the analysis of Load Following Ancillary Service (LFAS) Usage and Source monitoring for the month January 2014

This report should be read in conjunction with the report

“Load Following Ancillary Service Monitoring Specification”

Excluded Sampling

Frequency Excursions

There were no frequency events during the month

Missing Forecasts

There were no missing forecasts during the month

Suspect Load Forecasts

There were 7 Trading Intervals excluded during the month

Comments

During the last week of this month Muja 2 was commissioning, generally this raises the need for LFAS.

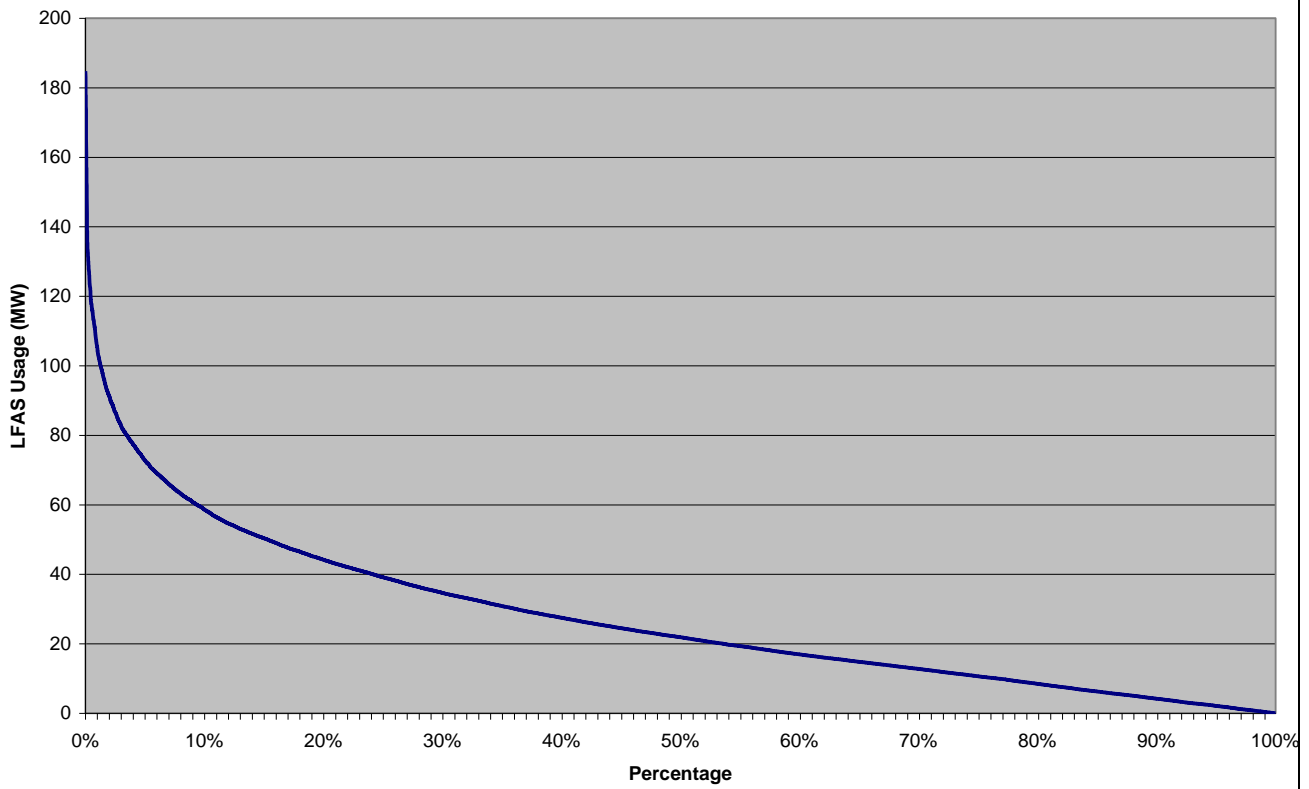
LFAS Usage Data

The LFAS Usage statistics for the month are

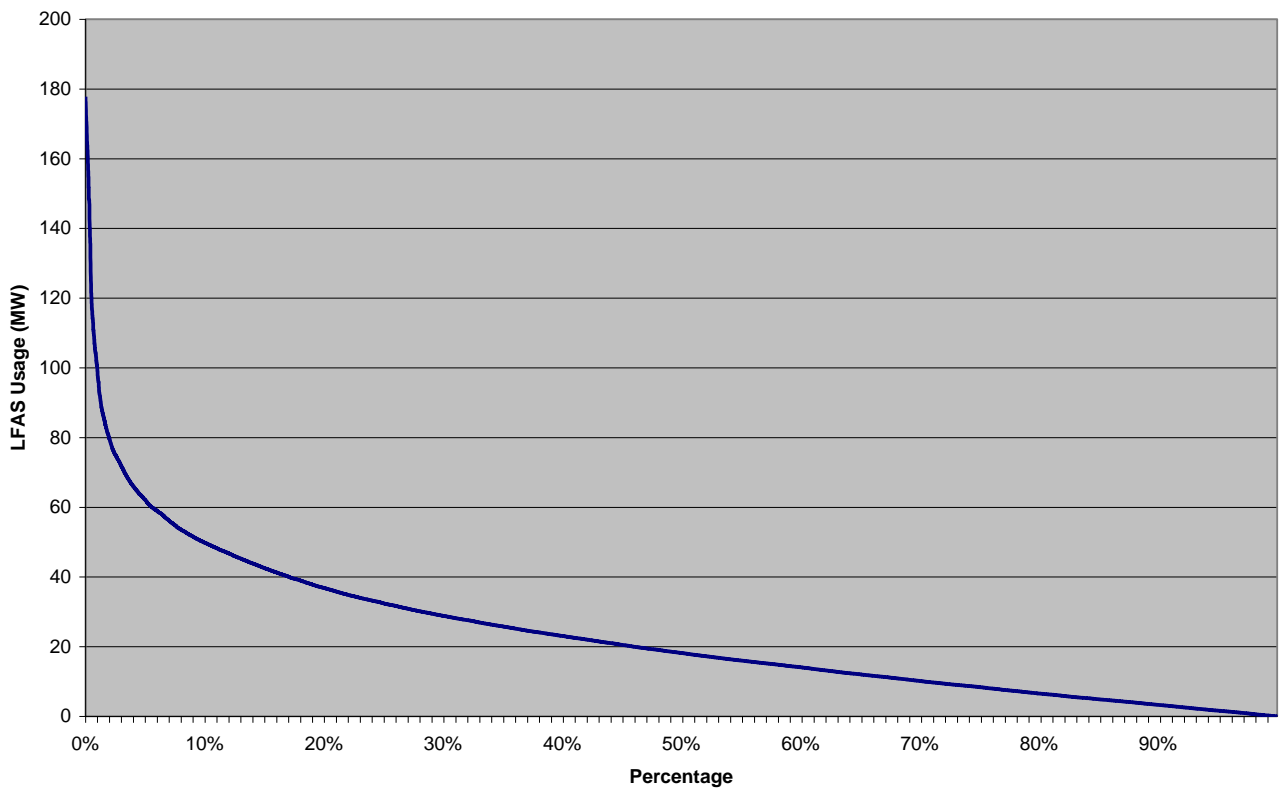
	Frequency and Missing Forecast excluded	Frequency, Missing Forecast and Suspect Load Forecast excluded
Count	44640	44430
Average	5	5
Percentiles		
0.05%	-169	-166
0.50%	-98	-94
1%	-78	-77
2%	-65	-64
3%	-58	-57
4%	-52	-52
5%	-48	-48
10%	-35	-34
50%	4	4
90%	46	47
95%	61	61
96%	65	65
97%	71	71
98%	79	79
99%	93	93
99.5%	107	107
99.95%	156	156

The LFAS Usage Duration Curves are shown overleaf

LFAS Raise Usage Duration Curve



LFAS Lower Usage Duration Curve



LFAS Sources

The LFAS Source statistics for the month are

	Load	Non Scheduled Generation	Scheduled Generation from Dispatch Instruction	Scheduled Generation Ramp Rate from Preferred
Count	44640	44640	44640	44640
Average	-8	0	5	0
Percentiles				
0.05%	-113	-106	-48	-76
0.50%	-72	-43	-37	-52
1%	-64	-34	-31	-43
2%	-55	-25	-25	-34
3%	-51	-21	-22	-29
4%	-47	-19	-20	-25
5%	-44	-17	-19	-22
10%	-36	-12	-5	-13
50%	-9	0	6	0
90%	17	11	16	13
95%	27	16	22	22
96%	30	18	24	25
97%	34	20	26	28
98%	40	23	28	33
99%	52	30	32	45
99.50%	68	37	35	60
99.95%	239	73	42	101
99%-1% range	115	63	63	88