BLM data send to Measurement DB:

Type	Data type	Channels	Records per Channel (i.e. Running Sums logged)	Elements per Record	Data length	Total	Data in Oracle format						comments
							id	Time-stamp	Data length	Logging period	Total		
Unit		#	#	#	# bytes	GB/day	# bytes	# bytes	# bytes	s	GB/s	GB/day	
Measurements	numeric	4000	10	1	8	27.648	5	11	8	1	9.60E-04	82.944	**Fixed** rate.
Thresholds	numeric	4000	12	1	8	0.098	5	11	8	338	3.41E-06	0.294	On change; **Assumed average:** 8 times per day 32 energies
Statuses	vectornumeric	4452		16	5	30.772	5	11	80	1	4.27E-04	36.927	On change + no filters; Calculating here the **maximum** number of entries

BLM data transfered to Logging DB:

Type	Data in Oracle format						comments
	id	Time-stamp	Data length	Logging period	Total		
Unit	# bytes	# bytes	# bytes	s	GB/s	GB/day	
Measurements	5	11	8	60	1.60E-05	1.382	Assuming no measurements above filters, i.e. **minimum** number of entries expected
Thresholds	5	11	8	338	3.41E-06	0.294	On change + no filters; **Assumed average:** 8 times per day 32 energies
Statuses	5	11	80	1	4.27E-04	36.927	On change + no filters; Calculating here the **maximum** number of entries

Comments:

03/05/2011   C. Roderick   The calculation is done correctly, and the estimations are very close to reality (considering the estimation for the status data was based on the maximum data rate).
There is about 20% more data than estimated in the LDB for the losses and thresholds, and quite obviously - less statuses than estimated.

Changelog:

03/10/2008   BD   Initital version
28/09/2010   CZ   update on the numbers of RS, statuses,...
01/12/2010   CZ   Split Measurement and Logging
03/05/2011   CZ   Added comment from Chris R.