



Workgroup 0631R

Initial Meeting 25 October 2017

Supporting Information

- For background information on the issues around Unidentified Gas (UIG), as at October 2017, please see the following presentation, which was given at an Xoserve UIG Awareness event:
- <http://www.xoserve.com/index.php/uig-event-slides-friday-20th-october/>
- Summary of content:
 - Summary of the issue: slides 6 & 7
 - Overview of calculation, including sharing: slides 8 to 20
 - Known causes and current statistics: slides 21 to 40

Additional Analysis – Simulated/Actual UIG for Gas Year 2016/17

- Months of October to May are simulation based on actual LDZ and DM values, plus actual weather and NDM AQs
- UIG % is total UIG for month divided by total LDZ throughput (rather than the average of the daily % figures)

16/17 Month	SC	NO	NW	NE	EM	WM	WS	EA	NT	SE	SO	SW	WN	16/17 Total
10	1.28%	-0.43%	-1.02%	-0.99%	-0.47%	-1.38%	-1.79%	-1.18%	1.12%	-1.11%	-2.46%	0.52%	-1.34%	-0.64%
11	3.43%	2.89%	4.37%	6.16%	4.63%	3.47%	1.91%	4.22%	3.81%	2.56%	2.36%	4.35%	1.76%	3.72%
12	3.15%	4.00%	5.85%	3.01%	2.41%	3.86%	-0.43%	3.88%	2.22%	0.75%	3.17%	0.25%	5.04%	2.89%
1	1.40%	3.67%	4.82%	3.70%	5.17%	4.88%	1.82%	5.52%	3.97%	2.86%	4.61%	3.94%	3.84%	3.99%
2	1.72%	2.88%	6.10%	3.75%	3.70%	4.89%	2.49%	4.42%	4.26%	1.40%	3.89%	2.46%	5.88%	3.66%
3	1.90%	0.35%	3.54%	0.86%	0.66%	3.42%	2.56%	1.42%	2.48%	-1.07%	2.14%	1.64%	3.51%	1.71%
4	0.11%	0.39%	1.22%	-0.35%	-1.49%	-0.83%	-1.32%	2.01%	-1.60%	-4.82%	-3.08%	-2.65%	1.32%	-0.93%
5	4.05%	5.58%	3.73%	1.19%	3.78%	5.69%	2.49%	8.81%	11.26%	6.90%	3.11%	9.84%	0.80%	5.43%
6	7.43%	7.19%	8.92%	4.56%	3.57%	7.43%	5.04%	3.50%	7.14%	0.45%	-3.57%	4.05%	5.54%	4.95%
7	5.41%	7.04%	4.77%	3.01%	2.78%	6.98%	0.45%	-0.85%	7.63%	-0.21%	-0.89%	5.57%	0.94%	3.44%
8	5.88%	7.21%	1.82%	1.91%	3.82%	5.72%	3.26%	-3.71%	8.13%	3.67%	1.04%	5.07%	0.51%	3.63%
9	6.30%	7.91%	4.57%	7.44%	9.06%	7.57%	6.51%	7.15%	11.28%	5.61%	4.12%	7.60%	1.66%	6.96%
Total	2.89%	3.47%	4.14%	2.89%	3.07%	3.85%	1.71%	3.49%	4.11%	1.30%	1.94%	2.90%	2.85%	3.04%