

Property Efficiency Reports 2015/16, Issue No. 5 and 2014/15, Issue 4.

Erratum – September 2017

This erratum corrects consumption values reported in Issue 4 and Issue 5 of the Property Efficiency Report. Changes reflect a revised and more accurate treatment of energy and water consumption data across the estate.

WCG cannot access building level energy and water consumption values for all offices – typical of other organisations and reflecting both data access and metering issues in some buildings. The restated values below represent the relevant portfolio average values and exclude offices and their previously included extents, where data has not been provided or is unavailable (see also Appendix data, note 9). The revised performances are based on the data provided.

- Executive Summary, page 4.** Figures 1a and 1b. The tables below present revised consumption values for the WCG office estates as well as previously stated values for relevant portfolios. See also note 7 below.

Italicised values are those published in PER5.

Figure 1a : Summary statistics for the 2015/16 reporting period

	All WCG offices	CBD offices	Non-CBD offices	Private sector average
Energy consumed per FTE	3,987 kWh	4,419 kWh	2,481 kWh	4,375 kWh
<i>Values reported in PER 5</i>	<i>3,817 kWh</i>	<i>4,419 kWh</i>	<i>2,066 kWh</i>	<i>4,375 kWh</i>
Water consumed per FTE	27.2 m ³	19.8 m ³	54.1 m ³	29.7 m³
<i>Values reported in PER 5</i>	<i>26.1 m³</i>	<i>20.9 m³</i>	<i>39.7 m³</i>	<i>29.7 m³</i>

Figure 1b : Summary statistics for the 2014/15 reporting period

	All WCG offices	CBD offices	Non-CBD offices	Private sector average
Energy consumed per FTE	4,556 kWh	4,682 kWh	4,126 kWh	4,556 kWh
<i>Values reported in PER 4</i>	<i>4,319 kWh</i>	<i>4,682 kWh</i>	<i>3,321 kWh</i>	<i>4,556 kWh</i>
Water consumed per FTE	24.1 m ³	18.6 m ³	42.9 m ³	32.0 m³
<i>Values reported in PER 4</i>	<i>20.3 m³</i>	<i>16.3 m³</i>	<i>31.1 m³</i>	<i>32.0 m³</i>

- Executive Summary, page 4.** Point 11 refers to a 2015/16 overall consumption per m² of 167 kWh/m². The 2015/16 average energy consumption per m² across the measured estate should be 168.4 kwh/m² as stated in Figure 9a (page 15). The 2014/15 corrected value is 191.0 kwh/m²

- 3. Performance Measurement. Figure 4, page 9.** The table detailing the % savings achieved in space per desk between 2011/12 and 2015/16 refers to a total reduction of 76%. The reduction in space per desk from 20.4m² / desk and the 13.5m² / desk reported at the end of 2015/16 should read 34%. The saving stands at 34%. Between 2011/12 and 2015/16 the number of accommodated desks across modernised floors increased by 56%.
- 4. Environmental Performance. Energy consumption, page 15.** Figures 9a and 9b. Tables below present the revised consumption values for the WCG office estates and alignment of benchmark values.

Figure 9a: Key performance data: 2015/16 reporting period

	Energy consumed		Water consumed	
	per FTE	per m ²	per FTE	per m ²
Cape Town CBD office estate	4,419 kWh	195.9 kWh	19.8 m ³	0.9 m ³
Non CBD offices	2,481 kWh	90.1 kWh	54.1 m ³	1.9 m ³
All WCG offices (Cape Town CBD & non-CBD)	3,987 kWh	168.4 kWh	27.2 m ³	1.1 m ³
BENCHMARK	4,375 kWh	249.0 kWh	29.7 m³	0.8 m³

Figure 9b: Key performance data: 2014/15 reporting period

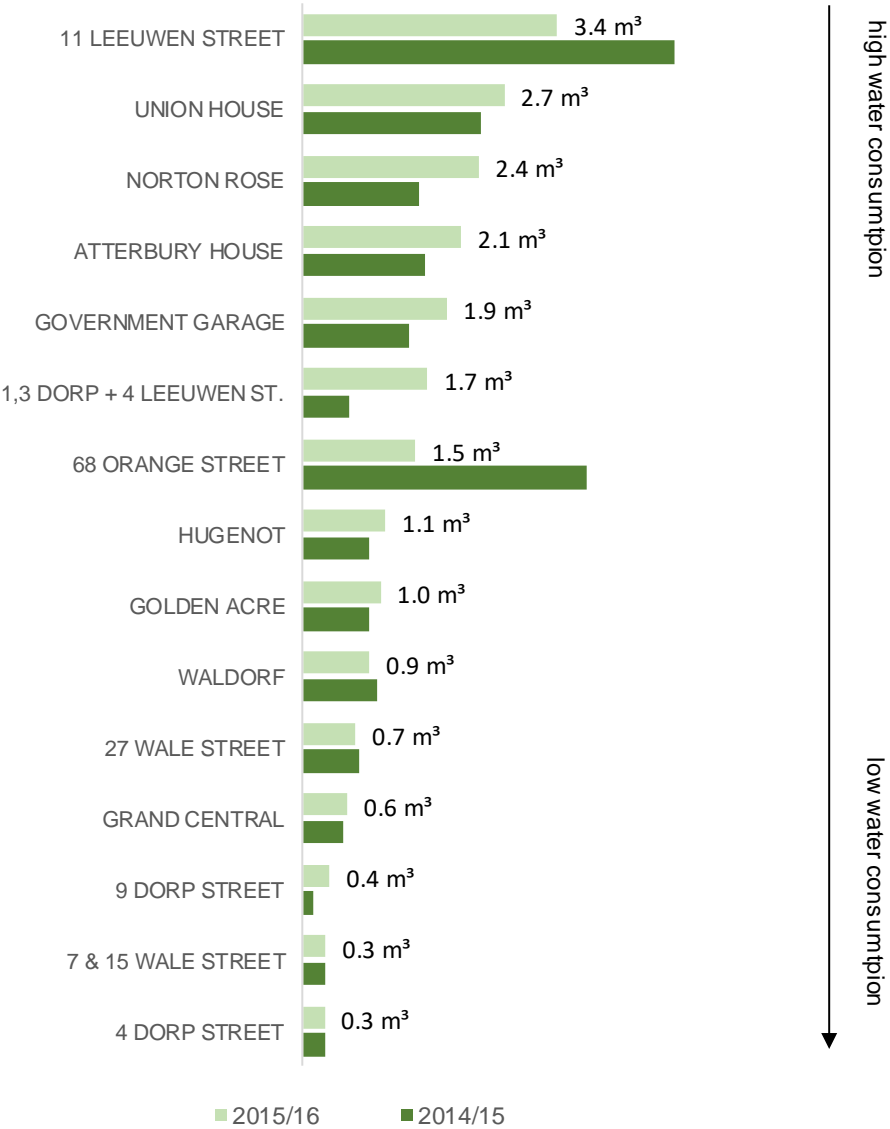
	Energy consumed		Water consumed	
	per FTE	per m ²	per FTE	per m ²
Cape Town CBD office estate	4,682 kWh	200.7 kWh	18.6 m ³	0.8 m ³
Non CBD offices	4,126 kWh	160.9 kWh	42.9 m ³	1.6 m ³
All WCG offices (Cape Town CBD & non-CBD)	4,556 kWh	191.0 kWh	24.1 m ³	1.0 m ³
BENCHMARK	4,556 kWh	273.0 kWh	32.0 m³	0.8 m³

- 5. Environmental Performance. Energy consumption, page 15.** The reduction in average energy consumed / m² across the Western Cape office estate from 191.0 kWh/m² to 168.4 kWh/m² in 2015/16 is 11.8%.
- 6. Environmental Performance. Energy consumption, page 17.** The actual average energy consumed per m² in 2015/16 was 168.4 kWh/m² as stated in the revision to Figure 9a shown above (PER, page 15).
- 7. Water consumption data at Norton Rose¹.** The original data provided and featured in the published PER5 reflected a three year total consumed volume. The aggregated CBD values and all references to Norton Rose are updated by this erratum note from 7.08m³/m² to 2.36m³/m² for 2015/16. which represents an annual average based on annual consumption of 10,237m³. during 2014/15 consumption at Norton Rose should also read 2.36m³/m².

¹ References to water consumption at Norton Rose in PER5 (Figure 12, pg 20 and Appendix table, pg 24) are subject to erratum note 7. The correct annual water consumption value is 2.36m³/m².

8. **Environmental Performance. Figure 12, page 20.** Figure 12 below is revised to reflect the recalculated consumption at Norton Rose (see point 7 above).

Figure 12: Water consumed per m², CBD offices



9. **Appendix data.** The tables below show the areas of WCG offices in each reporting period unable to access respective energy and water consumption data as well as the total data values used to estimate average rates of consumption.

Energy consumption

WCG offices, no data provided (see note 1)

2015/16		2014/15	
ELSENBURG (ADMIN. OFFICES)	10,804 m ²	ELSENBURG (ADMIN. OFFICES)	10,804 m ²
		OUDTSHOORN (SSC)	1,758 m ²
		BEAUFORT WEST (SOC. SERV)	1,527 m ²
Totals used (see note 2)			
Energy consumption	33,043,852 kWh		37,323,121 kWh
Total usable office space	196,171 m ²		195,435 m ²

Water consumption

WCG offices, no data provided

2015/16		2014/15	
ELSENBURG (ADMIN. OFFICES)	10,804 m ²	ELSENBURG (ADMIN. OFFICES)	10,804 m ²
PROTEA ASSURANCE	6,888 m ²	PROTEA ASSURANCE	6,888 m ²
35 WALE STREET	5,564 m ²	35 WALE STREET	5,564 m ²
WCED CENTRAL OFFICE	1,901 m ²	WCED CENTRAL OFFICE	1,901 m ²
EERSTERIMER (SOC. SERV)	1,563 m ²	OUDTSHOORN (SSC)	1,758 m ²
BEAUFORT WEST (SOC. SERV)	1,527 m ²	EERSTERIMER (SOC. SERV)	1,563 m ²
		BEAUFORT WEST (SOC. SERV)	1,527 m ²
Totals used (see note 2)			
Water consumption	205,077 m ³		179,519 m ³
Total usable office space	178,727 m ²		178,492 m ²

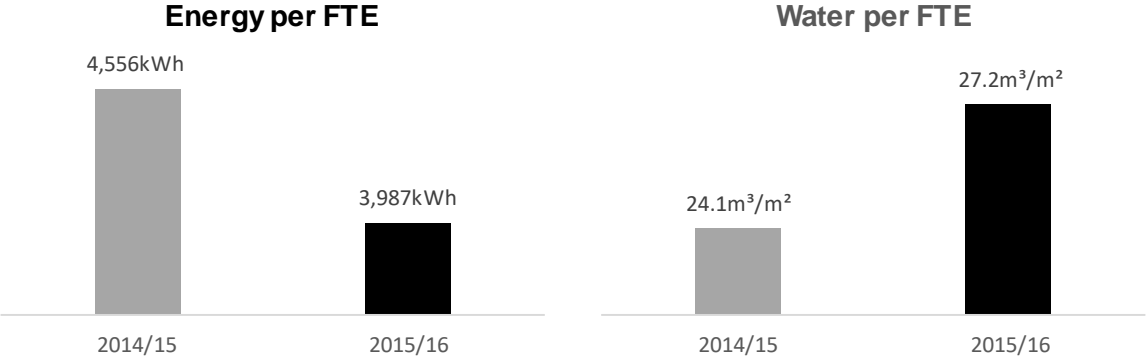
1. The WCG offices listed were unable to access either energy or water consumption values and the extents shown excluded in representing the estate average values.

2. Totals represent the total annual consumption and respective extents of offices able to access consumption data in each period.

Changes to energy and water consumption

Charts below illustrate the annual changes in both energy and water consumed per FTE across the entire analysed WCG estate.

Change in energy and water consumed per FTE (2014/15 - 2015/16)



Charts below illustrate the annual changes in both energy and water consumed per m² across the entire analysed WCG estate.

Change in energy and water consumed per m² (2014/15 - 2015/16)

