Eskom

List of fact sheets

- Statistical tables, which include:
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Statistical table IA Ten year technical statistics

Measure and unit	2014/15	2013/14	2012/13	2011/12	2010/11	2009/10	2008/09	2007/08	2006/07	2005/06
Safety										
Employee lost-time injury rate (LTIR), index	0.33RA	0.31 ^{RA}	0.40 ^{RA}	0.41 ^{RA}	0.47 ^{RA}	0.54 ^{RA}	0.50	0.46	0.52	0.40
Fatalities (employees and contractors), number	10	23 ^{RA}	19 ^{RA}	24 ^{RA}	25 ^{RA}	17 ^{RA}	27	29	26	23
Employee fatalities, number	3	5 ^{RA}	3 ^{RA}	13 ^{RA}	7 ^{RA}	2 ^{RA}	6	17	8	10
Contractor fatalities, number	7	18 ^{RA}	16 ^{RA}	^{RA}	18 ^{RA}	15 ^{RA}	21	12	18	13
Supply and demand										
Total power station capacity – installed, MW	44 281	44 189	44 206	44 115	44 145	44 175	44 193	43 037	42 618	42 011
Total power station capacity – nominal, MW	42 090	41 995	41 919	41 647	41 194	40 870	40 506	38 747	37 764	36 398
Peak demand on integrated Eskom system, MW	34 768	34 977	35 525	36 212	36 664	35 850	35 959	36 513	34 807	33 461
Peak demand on integrated Eskom system, including load reductions and non-Eskom generation, MW	36 170	36 002	36 345	37 065	36 970	35 912	36 227	37 158	35 441	33 461
National rotational load shedding	Yes	Yes ^{RA}	Nora	Nora	Nora	Nora	Yes	_	_	_
Demand savings, MW	171.5 ^{RA}	409.6 ^{RA}	595.0 ^{RA}	365.0 ^{RA}	354.1	-	-	-	_	_
Internal energy efficiency, GWh	10.4 ^{RA}	19.4 ^{RA}	28.9 ^{RA}	45.0 ^{RA}	26.2 ^{RA}	-	-	-	-	-
Electricity output										
Power sent out by Eskom stations, GWh (net)	226 300	231 129	232 749	237 289	237 430	232 812	228 944	239 109	232 445	221 988
Coal-fired stations, GWh (net)	204 838	209 483	214 807	218 210	220 219	215 940	211 941	222 908	215 211	206 606
Hydroelectric stations, GWh (net)	851	1 036	1 077	I 904	I 960	1 274	1 082	751	2 443	4
Pumped storage stations, GWh (net)	3 107	2 881	3 006	2 962	2 953	2 742	2 772	2 979	2 947	2 867
Gas turbine stations, GWh (net)	3 709	3 621	1 904	709	197	49	143	I 153	62	78
Wind energy, GWh (net)	1	2	1	2	2	1	2	I I	2	3
Nuclear power station, GWh (net)	13 794	14 106	11 954	13 502	12 099	12 806	13 004	11 317	II 780	11 293
IPP purchases, GWh	6 022	3 671	3 516	4 107	I 833	-	-	-	-	-
Wheeling, GWh	3 623	3 353	2 948	3 099	3 423	3 175	-	-	-	-
Total imported for Eskom system, GWh ¹	10 731	9 425	7 698	9 939	10 190	10 579	12 189	11 510	11 483	10 310
Total electricity available (generated by Eskom and										
purchased), GWh	246 676	247 578	246 911	254 434	252 876	246 566	241 133	250 619	243 928	232 298
Total consumed by Eskom, GWh ²	4 114	3 862	4 037	3 982	3 962	3 695	3 816	4 136	3 937	3 814
Total available for distribution, GWh ³	242 562	243 716	242 874	250 452	248 914	242 871	237 317	246 483	239 991	228 484
Sales and revenue										
Total sales, GWh ³	216 274	217 903	216 561	224 785	224 446	218 591	214 850	224 366	218 120	207 921
(Reduction)/growth in sales, %	(0.7)	0.6	(3.7)	0.2	2.7	1.7	(4.2)	2.9	4.9	-
Electricity revenue, R million	146 268	136 869	126 663	112 999	90 375	69 834	52 996	43 521	39 389	35 513
Growth in revenue, %	6.9	8.1	12.1	25.0	29.4	31.8	21.8	10.5	10.9	-
Customer statistics										
Arrear debt as % of revenue, %	2.17	1.10	0.82	0.53	0.75	0.83	1.54	-	-	-
Debtors days – municipalities, average debtors' days	47.6	32.7	22.4	-	-	-	-	-	-	-
Debtors days – large power top customers excluding disputes, average debtors' days	16.0	14.5	12.3	14.4	15.5	15.4	16.5	-	-	-
Debtors days – other large power users (<100 GWh p.a.), average debtors' days	17.0	16.9	18.3	-	-	-	-	-	-	-
Debtors days – small power users (excluding Soweto), average debtors' days	49.1	50.2	48.2	42.9	45.1	40.5	47.5	-	-	-
Eskom KeyCare, index	108.7	108.7	105.8	105.9	101.2	98.1	101.2	_4	105.0	109.0
Enhanced MaxiCare	99.8	92.7	93.2	90.7	89.4	93.0	92.8	89.2	93.9	96.5

RA Reasonable assurance provided by the independent assurance provider. Refer to pages 119 to 121 of the integrated report.

I. Prior to 2009/10, wheeling was combined with the total imported for the Eskom system.

2. Used by Eskom for pumped storage facilities and synchronous condenser mode of operation.

Difference between electricity available for distribution and electricity sold is due to energy losses.
 The KeyCare index was not reported in 2008 due to difficulties in obtaining credible data as a result of load shedding.

Statistical table IA Ten year technical statistics

continued

Measure and unit	2014/15	2013/14	2012/13	2011/12	2010/11	2009/10	2008/09	2007/08	2006/07	2005/06
Asset creation										
Generation capacity installed: first synchronisation, units	RA	-	-	-	-	-	-	-	-	-
Generation capacity installed and commissioned, MW	100 ^{RA}	120 ^{RA}	261 ^{RA}	535 ^{RA}	315 ^{RA}	452 ^{RA}	I 770	I 043	35	290
Power lines installed, km	318.6RA	810.9 ^{RA}	787.1 ^{RA}	631.3 ^{RA}	443.4 ^{RA}	600.3 ^{RA}	418.3	480.0	430.0	237.0
Substation capacity installed and commissioned, MVA	2 090 ^{RA}	3 790 ^{RA}	3 580 ^{RA}	2 525 ^{RA}	5 940 ^{RA}	I 630 ^{RA}	I 375	1 355	1 000	1 090
Generation capacity milestones (Medupi, Kusile and Ingula), days	59.56RA	48.90 ^{RA}	43.48	-	-	-	-	-	-	-
Total capital expenditure – group (excluding capitalised borrowing costs), R billion	53.1RA	57.1 ^{RA}	60.1	58.8	47.9	48.7	43.7	24.0	17.5	10.8
Plant performance										
Normal unplanned capability loss factor (UCLF), %	15.22 ^{RA}	12.61 ^{RA}	12.12 ^{RA}	7.97 ^{RA}	6.14 ^{RA}	5.10 ^{RA}	4.38	5.13	4.34	-
Constrained unplanned capability loss factor, %	1.00	1.63	3.41	-	-	-	-	-	-	-
Underlying unplanned capability loss factor, %	14.22	10.98	8.71	-	-	-	-	-	-	-
Normal planned capability loss factor (PCLF), %	9.91 ^{RA}	10.50 ^{RA}	9.10	9.07	7.98	9.04	9.54	-	-	-
Underlying planned capability loss factor, %	10.17 ^{RA}	10.77	-	-	-	-	-	-	-	-
Energy availability factor (EAF), %	73.73RA	75.13 ^{RA}	77.65 ^{RA}	81.99 ^{RA}	84.59 ^{RA}	85.21	85.32	84.85	87.50	87.40
Unit capability factor (UCF), %	74.87	76.90 ^{RA}	78.80 ^{RA}	83.00 ^{RA}	85.90 ^{RA}	85.90	86.10	86.20	88.60	88.70
Generation load factor, %	61.5	62.8	63.6	65.1	66.4	66.2	67.0	72.3	72.4	69.7
OCGT load factor, %	17.6	19.3 ^{RA}	10.4 ^{RA}	3.9	1.1	0.3	-	-	-	-
Integrated Eskom system load factor (EUF), %	83.4	83.6	81.9	79.4	78.5	77.7	78.6	85.2	82.7	79.8
Network performance										
Total system minutes lost for events <1 minutes, minutes	2.85RA	3.05 ^{RA}	3.52 ^{RA}	4.73 ^{RA}	2.63 ^{RA}	4.09 ^{RA}	4.21	3.56	3.67	3.59
Major incidents, number	2	0 ^{RA}	3 ^{RA}	RA	0 ^{R.A}	I RA	3	5	2	5
System average interruption frequency index (SAIFI), events	19.7 ^{RA}	20.2 ^{RA}	22.2 ^{RA}	23.7 ^{RA}	25.3 ^{RA}	24.7 ^{RA}	24.2	33.7	25.2	28.4
System average interruption duration index (SAIDI), hours	36.2 ^{RA}	37.0 ^{RA}	41.9 ^{RA}	45.8 ^{RA}	52.6 ^{RA}	54.4 ^{RA}	51.5	73.7	51.4	48.5
Total energy losses, %	8.8	8.9	9.1	8.7	8.3	8.5	7.9	8.0	8.4	8.2
Transmission energy losses, %	2.5	2.3 ^{RA}	2.8 ^{RA}	3.1 ^{RA}	3.3 ^{RA}	3.3	3.1	3.1	-	-
Distribution energy losses, %	6.8	7.1 ^{RA}	7.1 ^{RA}	6.3 ^{RA}	5.7 ^{RA}	5.9	5.5	5.5	-	-
Coal statistics										
Coal stock, days	51	44 ^{RA}	46 ^{RA}	39 ^{RA}	41 ^{RA}	37 ^{RA}	41	13	29	35
Coal burnt, Mt	119.2	122.4	123.0	125.2	124.7	122.7	121.2	125.3	119.1	112.1
Average calorific value, MJ/kg	19.68	19.77	19.76	19.61	19.45	19.22	19.10	18.51	19.06	19.58
Average ash content, %	27.63	28.56	28.69	28.88	29.03	29.56	29.70	29.09	29.70	29.10
Average sulphur content, %	0.80	0.87	0.88	0.79	0.78	0.81	0.83	0.87	0.86	0.88
Overall thermal efficiency, %	31.4	31.3	32.0	31.4	32.6	33.1	33.4	33.4	33.9	33.8
Road-to-rail migration (additional tonnage transported on rail), Mt	12.59RA	11.60 ^{RA}	10.10 ^{RA}	8.50	7.10	5.10	4.30	4.35	3.89	2.49
Liquid fuels										
Diesel and kerosene, M ℓ	178.6	1 148.5 ^{RA}	609.7 ^{RA}	225.5 ^{RA}	63.6 ^{RA}	16.1 ^{RA}	28.9	345.9	11.3	25.3

Statistical table IA Ten year technical statistics

continued

Measure and unit	2014/15	2013/14	2012/13	2011/12	2010/11	2009/10	2008/09	2007/08	2006/07	2005/06
Environmental statistics										
Legal contraventions										
Environmental legal contraventions, number	18	34 ^{RA, I}	48	50	63	55	114	46	50	55
Environmental legal contraventions reported in terms of the Operational										
Health Dashboard, number	1	2 ^{RA}	2	5	4	0	12	6 ²	02	12
Water										
Specific water consumption, ℓ/kWh sent out ³	1.38 ^{RA}	1.35 ^{RA}	1.42 ^{RA}	1.34 ^{RA}	1.35 ^{RA}	1.34 ^{RA}	1.35	1.32	1.35	1.32
Net raw water consumption, $M\ell$	313 078	317 052	334 275	319 772	327 252	316 202	323 190	322 666	313 064	291 516
Emissions										
Carbon dioxide (CO ₂), Mt ⁴	223.4	233.3 ^{RA}	227.9 ^{RA}	231.9 ^{RA}	230.3 ^{RA}	224.7 ^{RA}	221.7	223.6	208.9	203.7
Sulphur dioxide (SO ₂), kt ⁴	I 834	I 975 ^{RA}	I 843 ^{RA}	I 849 ^{RA}	1 810 ^{RA}	I 856 ^{RA}	I 874	I 950	I 876	1 763
Nitrous oxide (N ₂ O), t ⁴	2 919	2 969	2 980	2 967	2 906	2 825	2 801	2 872	2 730	3 134
Nitrogen oxide (NO _x) as NO ₂ , kt ^{5.6}	937	954 ^{RA}	965 ^{RA}	977 ^{RA}	977 ^{RA}	959 ^{RA}	957	984	930	877
Particulate emissions, kt	82.34	78.92 ^{RA}	80.68 ^{RA}	72.42 ^{RA}	75.84 ^{RA}	88.27 ^{RA}	55.64	50.84	46.08	45.76
Relative particulate emissions, kg/MWh sent out ⁴	0.37 ^{RA}	0.35 ^{RA}	0.35 ^{RA}	0.31 ^{RA}	0.33 ^{RA}	0.39 ^{RA}	0.27	0.21	0.20	0.21
Waste										
Ash produced, Mt	34.41	34.97 ^{RA}	35.30 ^{RA}	36.21 ^{RA}	36.22 ^{RA}	36.01 ^{RA}	36.66	36.04	34.16	33.40
Ash sold, Mt	2.5	2.4	2.4	2.3	2.0	2.0	2.1	2.4	2.2	1.8
Ash (recycled), %	7.3	7.0 ^{RA}	6.8 ^{RA}	6.4 ^{RA}	5.5 ^{RA}	5.6	5.7	6.7	6.4	5.4
Asbestos disposed, tons	991.0	458.0	374.6	448.1	611.5	321.4	3 590.8	321.0	6 060.0	-
Material containing polychlorinated biphenyls thermally destroyed, tons	0	10.2	0.9	14.3	422.9	19.1	505.6	17.0	10.0	-
Nuclear										
Public individual radiation exposure due to effluents, mSv ⁷	0.0010	0.0012	0.0019	0.0024	0.0043	0.0040	0.0045	0.0047	0.0034	0.0049
Low-level radioactive waste generated, cubic metres	164.1	180.7 ^{RA}	188.2 ^{RA}	184.7 ^{RA}	165.3 ^{RA}	137.8	140.8	180.3	94.5	90.2
Low-level radioactive waste disposed of, cubic metres	377.6	324.0 ^{RA}	54.0 ^{RA}	53.8 ^{RA}	81.0 ^{RA}	216.0	189.0	270.0	135.0	161.8
Intermediate-level radioactive waste generated, cubic metres	27.6	28.7 ^{RA}	35.7 ^{RA}	25.4 ^{RA}	39.3 ^{RA}	47.1	23.9	16.5	49.8	52.7
Intermediate-level radioactive waste disposed of, cubic metres	138.0	178.0 ^{RA}	0.0 ^{RA}	128.0 ^{RA}	0.0 ^{RA}	266.0	473.6	418.0	436.0	228.0
Used nuclear fuel, number of elements discharged ⁸	112	48	56	60	112	56	56	112	56	52
Used nuclear fuel, number of elements discharged, cumulative figure	2 173	2 061	2 013	1 957	1 897	I 785	1 729	I 673	1 561	1 505

RA Reasonable assurance provided by the independent assurance provider. Refer to pages 119 to 121 of the integrated report.

1. The March 2014 comparative has increased from 32 to 34 due to legal contraventions being reclassified when the investigations were finalised.

2. Reported in terms of the 2002 definition of the Operational Health Dashboard. From 2008, repeat legal contraventions are included.

3. Volume of water consumed per unit of generated power sent out by commissioned power stations.

4. Calculated figures are based on coal characteristics and power station design parameters are based on coal analysis using coal burnt tonnages.

5. Figures include coal-fired and gas turbine power stations, as well as oil consumed during power station start-ups and, for carbon dioxide emissions, includes the underground coal gasification pilot plant.

6. NO, reported as NO2 is calculated using average station-specific emission factors (which are measured intermittently) and tonnages of coal burnt.

7. The limit set by the National Nuclear Regulator is $\leq 0,25$ mSv.

The gross mass of a nuclear fuel element is approximately 670 kg, with UO₂ mass, typically between 462kg and 464kg.



Statistical table IB Five year non-technical statistics

			Company					Group		
Measure and unit	2014/15	2013/141	2012/13	2011/12	2010/11	2014/15	2013/14	2012/13	2011/12	2010/11
Finance										
Electricity revenue per kWh (including environmental levy), c/kWh	67.91	62.81	58.49	50.27	40.27					
Electricity operating cost per kWh (including depreciation and amortisation), c/kWh	67.52	59.67	54.15	41.28	32.78					
Cost of electricity (excluding depreciation), R/MWh ²	610.43RA	541.92 ^{RA}	496.24 ^{RA}	374.19 ^{RA}	296.36RA					
Electricity EBITDA margin, %	16.91	17.17	11.48	26.87	25.33					
EBIT (before profit/(loss) on embedded derivatives), R million	9 424	9 414	10 694	21 343	17 098	9 776	11 029	9 896	21 985	17 651
Interest cover ratio ²	0.44 ^{RA}	0.65 ^{RA}	0.27 ^{RA}	3.27 ^{RA}	1.40 ^{RA}	0.47	0.77	0.22	3.35	1.45
Working capital ratio	0.82	0.70	0.67	0.76	0.82	0.81	0.71	0.68	0.76	0.85
Gross debt/EBITDA, ratio	13.32	11.84	15.37	6.46	7.70	13.05	11.06	16.20	6.46	7.55
Debt/equity (including long-term provisions), ratio ²	2.70RA	2.21 ^{RA}	1.96 ^{RA}	1.69 ^{RA}	1.66 ^{RA}	2.37	1.94	1.84	1.57	1.61
Free funds from operations, R million	36 032	29 528	19 105	30 503	16 461	36 179	31 158	18 108	30 483	16 953
Free funds from operations as $\%$ of total debt, $\%^2$	2.37RA	9.21RA	8.55	15.06	12.55	11.00	11.22	8.04	15.15	9.51
Debt service cover, ratio	0.82	1.22	2.05	3.50	3.63	0.92	1.20	2.01	3.50	1.90
Transformation										
Socio-economic contribution										
Corporate social investment committed, R million						115.5	132.9 ^{RA}	194.3 ^{RA}	87.9 ^{RA}	62.3 ^{RA}
Corporate social investment expended, R million						107.6	115.4 ^{RA}	126.5 ^{RA}	40.8	67.7
Corporate social investment, number of beneficiaries						323 882	357 443 ^{RA}	652 347 ^{RA}	531 762	303 983
Job creation, number	25 875	25 181 ^{RA}	35 759	28 616	21 477					
Total number of electrification connections, number	159 853LA	201 788 ^{RA}	139 881	154 250	145 360					
Employment equity										
Disabilities, number of employees	1 294	I 283 ^{RA}	1 126 ^{RA}	I 022 ^{RA}	1 002	1 325	1 305 ^{RA}	1 137 ^{RA}	1 032 ^{RA}	1 012
Employment equity – disability, %	3.12 ^{RA}	2.99 ^{RA}	2.59 ^{RA}	2.49 ^{RA}	2.53	2.83	2.80 ^{RA}	2.43 ^{RA}	2.36 ^{RA}	2.36
Racial equity in senior management, % black employees	61.58 ^{RA}	59.50 ^{RA}	58.30 ^{RA}	53.90 ^{RA}	52.50	61.70	59.30 ^{RA}	58.40	_	-
Racial equity in professionals and middle management, % black employees	72.28RA	71.20 ^{RA}	69.60	65.69	64.10	71.77	70.60 ^{RA}	69.00	_	-
Gender equity in senior management, % female employees	29.83RA	28.90 ^{RA}	28.20 ^{RA}	24.31RA	23.50	29.82	28.80 ^{RA}	28.50	_	-
Gender equity in professionals and middle management, % female employees	36.10RA	35.80 ^{RA}	34.60	32.43	31.60	35.29	34.90 ^{RA}	34.00	-	-
Procurement equity										
Local content contracted (Eskom-wide), %	25.13	40.80	-	-	-					
Local content contracted (new build), %	33.62LA	54.60 ^{RA}	80.20 ^{RA}	77.20 ^{RA}	79.70 ^{RA}					
B-BBEE attributable expenditure, R billion	120.8	125.4 ^{RA}	103.4 ^{RA}	72.13 ^{RA}	41.86 ^{RA}	128.3	119.4 ^{RA}	96.0 ^{RA}	_	-
Black women-owned expenditure, R billion	8.9	9.6 ^{RA}	5.7 ^{RA}	3.27 ^{RA}	3.46 ^{RA}	9.3	9.8 ^{RA}	6.0 ^{RA}	_	-
Black-owned expenditure, R billion	47.5	43.6 ^{RA}	26.47 ^{RA}	14.38 ^{RA}	-	49.4	45.8 ^{RA}	-	-	-
Black youth-owned expenditure, R billion	0.9	1.3 ^{RA}	1.20 ^{RA}	_	-	0.9	1.3 ^{RA}	-	-	-
Procurement from B-BBEE compliant suppliers, %	88.89 ^{RA}	93.90 ^{RA}	86.30 ^{RA}	73.20 ^{RA}	52.30	89.39	91.80 ^{RA}	82.10 ^{RA}	-	-
Procurement from black-owned suppliers, %	34.91	32.70 ^{RA}	22.10	14.60	-	34.41	35.30 ^{RA}	-	-	_
Procurement from black women-owned suppliers, %	6.61	7.20 ^{RA}	4.70 ^{RA}	3.30 ^{RA}	4.30	6.49	7.50 ^{RA}	5.10 ^{RA}	-	_
Procurement from black youth-owned suppliers, %	0.64LA	1.00 ^{RA}	1.00	_	-	0.63	1.00 ^{RA}	-	-	_
Procurement spend with suppliers owned by black people living with disability (BPLwD), % of TMPS	0	0	-	-	_	0	0	-	-	_
Procurement spend with qualifying small enterprises (QSE) and exempted micro enterprises (EME),										
% of TMPS	11.86	11.90	-	-		12.53	15.09	-	-	-
Building skills										
Training spend as % of gross employee benefit costs	6.18 ^{RA}	7.87 ^{RA}	-	-	-					
Total engineering learners in the system, number	1 315	1 962 ^{RA}	2 144 ^{RA}	2 273 ^{RA}	1 335					
Total technician learners in the system, number	826	815 ^{ra}	835 ^{ra}	844 ^{RA}	692					
Total artisan learners in the system, number	1 752	2 383 ^{RA}	2 847 ^{RA}	2 598 ^{RA}	2 213					
Learners throughput or qualifying, number	424 ^{RA}	-	-	-	-					

RA Reasonable assurance provided by the independent assurance provider. Refer to pages 119 to 121 of the integrated report.

LA Limited assurance provided by the independent assurance provider. Refer to pages 119 to 121 of the integrated report.

1. A review of the nature and classification of balances, cash flows and related ratios was undertaken as a consequence of changes in the group's operational environment and circumstances, particularly with regard to the capital expansion programme review, and updates were made to some classifications and definitions to better reflect their current nature. Performance indicators for 2013/14 have been updated for ease of comparability.

2. Shareholder compact measures for 2014/15 were calculated on the same basis as the targets set by the shareholder for ease of comparison.



Statistical table 2 Power station capacities at 31 March 2015

The difference between installed and nominal capacity reflects auxiliary power consumption and reduced capacity caused by the age of plant.

		Years commissioned	Number and installed capacity of generator sets	Total installed capacity	Total nominal capacity
Name of station	Location	first to last unit	MW	MW	MW
Base-load stations					
Coal-fired (13)				37 754	35 721
Arnot	Middelburg	Sep 1971 to Aug 1975	Ix370; Ix390; 2x396; 2x400	2 352	2 232
Camden ^{I, 2}	Ermelo	Mar 2005 to Jun 2008	3x200; 1x196; 2x195; 1x190; 1x185	1 561	48
Duvha	eMalahleni	Aug 1980 to Feb 1984	6×600	3 600	3 450
Grootvlei ⁱ	Balfour	Apr 2008 to Mar 2011	4×200; 2×190	I 180	20
Hendrina ²	Middelburg	May 1970 to Dec 1976	5×200; 2×195; 2×170; 1×168	I 893	I 793
Kendal ³	eMalahleni	Oct 1988 to Dec 1992	6×686	4 116	3 840
Komati ^{I, 2}	Middelburg	Mar 2009 to Oct 2013	4×100; 4×125; 1×90	990	904
Kriel	Bethal	May 1976 to Mar 1979	6×500	3 000	2 850
Lethabo	Vereeniging	Dec 1985 to Dec 1990	6×618	3 708	3 558
Majuba ³	Volksrust	Apr 1996 to Apr 2001	3×657; 3×713	4 110	3 843
Matimba ³	Lephalale	Dec 1987 to Oct 1991	6×665	3 990	3 690
Matla	Bethal	Sep 1979 to Jul 1983	6×600	3 600	3 450
Tutuka	Standerton	Jun 1985 to Jun 1990	6×609	3 654	3 510
Kusile ³	Ogies	Under construction	6×800	-	
Medupi ³	Lephalale	Under construction	6x794		_
wedupr	Lephalale	Under construction	0x794	-	-
Nuclear (I)					
Koeberg	Cape Town	Jul 1984 to Nov 1985	2×970	1 940	1 860
Peaking stations					
Gas/liquid fuel turbine stations (4)				2 426	2 409
Acacia	Cape Town	May 1976 to Jul 1976	3×57	171	171
Ankerlig	Atlantis	Mar 2007 to Mar 2009	4×149.2; 5×148.3	1 338	1 327
Gourikwa	Mossel Bay	Jul 2007 to Nov 2008	5×149.2	746	740
Port Rex	East London	Sep 1976 to Oct 1976	3×57	171	171
	Last London		3,37	I 400	
Pumped storage schemes (2) ⁴			_	1 400	I 400
Drakensberg	Bergville	Jun 1981 to Apr 1982	4×250	I 000 I	I 000
Palmiet	Grabouw	Apr 1988 to May 1988	2×200	400	400
Ingula	Ladysmith	Under construction	4x333	-	-
Hydroelectric stations (2)⁵			L	600	600
	Newsler	C 1071 +- M 1074	4×90	2(0	2/0
Gariep	Norvalspont	Sep 1971 to Mar 1976		360	360
Vanderkloof	Petrusville	Jan 1977 to Feb 1977	2×120	240	240
Wind energy (I) ⁶					
Sere	Vredenburg	Mar 2015	46×2.2	100	100
Solar energy					
Concentrating solar power	Upington	Under construction	100	-	-
Other hydroelectric stations (4) ⁷				61	_
			[
Colley Wobbles	Mbashe River		3×14	42	-
irst Falls	Umtata River		2×3	6	-
Ncora	Ncora River		2x0.4; 1x1.3	2	-
econd Falls	Umtata River		2×5.5	11	-
Total power station capacities (23)			-	44 281	42 090
			_	77 201	
Available nominal capacity					95.05%

Former moth-balled power stations that have been returned to service. The original commissioning dates were: Komati was originally commissioned between Nov 1961 and Mar 1966.
 Camden was originally commissioned between Aug 1967 and Sep 1969.
 Grootvlei was originally commissioned between Jun 1969 and Nov 1977.
 Due to technical constraints, some coal-fired units at these stations have been de-rated.
 Dry-cooled unit specifications based on design back-pressure and ambient air temperature.
 Pumped storage facilities are net users of electricity. Water is pumped during off-peak periods so that electricity can be generated during peak periods.
 Use restricted to periods of peak demand, dependant on the availability of water in the Gariep and Vanderkloof dams.
 The Klinehured demonstration wind form (3HWU) has heen decommissioned

The Klipheuwel demonstration wind farm (3MW) has been decommissioned.
 Installed and operational, but not included for capacity management purposes.



Statistical table 3 Power lines and substations in service at 31 March 2015

	2014/15	2013/14	2012/13	2011/12	2010/11
Power lines					
Transmission power lines, km ¹	31 107	29 924	29 297	28 995	28 790
765kV	2 235	2 235	I 667	I 153	153
533kV DC (monopolar)	1 035	I 035	I 035	I 035	I 035
400kV ²	18 377	17 011	16 899	17 118	16 913
275kV	7 361	7 361	7 360	7 361	7 476
220kV	I 217	1 217	1 217	1 217	2 7
132kV	882	I 065	9		996
Distribution power lines, km	48 278	46 093	44 396	43 856	66 247
132 kV and higher	24 929	22 719	21 508	21 068	43 765
88 – 33kV	23 349	23 374	22 888	22 788	22 482
Reticulation power lines, km		· _			
22kV and lower	281 510	276 027	269 570	265 707	263 263
Underground cables, km	7 436	7 293	7 026	6 770	6 326
132kV and higher	65	65	65	50	49
33 – 88kV	361	364	212	217	179
22kV and lower	7 010	6 864	6 749	6 503	6 098
Total all power lines, km	368 331	359 337	350 289	345 328	364 626
Total transformer capacity, MVA	239 490	232 179	225 799	205 865	232 058
Transmission, MVA ³	139 610	138 350	135 840	132 955	130 005
Distribution and reticulation, MVA	99 880	93 829	89 959	72 910	102 053
		L] []		
Total transformers, number	335 242	329 314	320 501	315 397	351 297
Transmission, number	423	420	412	408	405
Distribution and reticulation, number	334 819	328 894	320 089	314 989	350 892

Transmission power line lengths are included as per distances from the Geographic Information System (GIS).
 The Majuba Umfolozi No I 765kV line, even though constructed at 765kV, is currently still being operated at 400kV and thus reflected under the 400kV total.
 Base of definition: transformers rated ≥30 MVA and primary voltage ≥132 kV.



Statistical table 4 Customer information

Number of Eskom customers	2014/15	2013/14	2012/13	2011/12	2010/11
Local	5 477 591	5 232 904	5 013 435	4 852 712	4 653 740
Redistributors	804	801	795	786	784
Residential	5 338 723	5 093 847	4 874 004	4 713 178	4 514 998
Commercial	50 613	50 425	50 399	50 270	49 090
Industrial	2 773	2 781	2 789	2 775	2 857
Mining	I 034	I 054	I 062	I 100	1 110
Agricultural	83 136	83 489	83 877	84 095	84 393
Rail	508	507	509	508	508
International				10	10
Utilities	7	7	7	7	7
End users across the border	4	4	4	3	3
	5 477 602	5 232 915	5 013 446	4 852 722	4 653 750
Electricity sales per customer category, GWh					
Local	204 274	205 525	202 770	211 590	211 150
Municipalities	91 090	91 262	91 386	92 140	91 564
Residential	11 586	11 017	10 390	10 522	10 539
Commercial	9 644	9 605	9 519	9 270	9 020
Industrial	53 467	54 658	51 675	58 632	59 611
Mining	29 988	30 667	31 611	32 617	32 630
Agricultural	5 401	5 191	5 193	5 139	4 919
Rail	3 098	3 125	2 996	3 270	2 867
International	12 000	12 469	13 791	13 195	13 296
Utilities	2 797	3 401	4 659	3 607	3 974
End users across the border	9 203	9 068	9 132	9 588	9 322
	216 274	217 903	216 561	224 785	224 446
International sales to countries in southern Africa, GWh	12 000	12 469	13 791	13 195	13 296
Botswana	I 237	I 608	2 574	2 498	2 377
Lesotho	230	213	255	184	247
Mozambique	8 360	8 314	8 284	8 265	8 523
Namibia	924	I 248	I 822	I 507	1 559
Swaziland	882	741	598	596	564
Zambia	16	143	253	134	23
Zimbabwe	108 243	154 48	3	7	0 3
Short-term energy market ²	243	48	Z	4	3
Electricity revenue per customer category, R million					
Local	140 074	129 688	114 307	103 863	82 119
Municipalities	60 051	55 371	49 891	44 251	34 408
Residential ¹	11 361	10 181	9 044	8 155	6 808
Commercial	8 599	7 940	6 972	5 925	4 563
Industrial	30 377	28 305	23 543	23 522	19 199
Mining	20 848	19 829	17 620	15 689	12 325
Agricultural	6 247	5 645	5 180	4 482	3 480
Rail	2 591	2 417	2 057	I 839	1 336

International

Utilities End users across the border

Gross electricity revenue Environmental levy included in revenue³ Less: Revenue capitalised⁴ Less: IAS 18 revenue reversal⁵

Electricity revenue per note 32 in the annual financial statements

591 2 057 1839 336 417 6 306 5 887 5 892 4 846 4 031 3 149 1 927 2 988 2 837 2 404 3 3 8 3 0 5 0 2 743 2 4 4 2 2 104 135 575 120 199 86 150 146 380 108 709 4 290 4 335 485 1 322 6 464 (110) (28) _ _ (597) 146 268 136 869 126 663 112 999 90 375

 Prepayments and public lighting are included under residential.
 The short-term energy market consists of all the utilities in the southern African countries that form part of the Southern African Power Pool. Energy is traded on a daily, weekly and monthly basis as there is no 2. long-term bilateral contract. The environmental levy of 2c/kWh tax was effective from 1 July 2009 to 31 March 2011. On 1 April 2011 the levy was raised to 2.5c/kWh and to 3.5c/kWh on 1 July 2012. The levy is payable for electricity

3. produced from non-renewable sources (coal, nuclear and petroleum). The levy is raised on the total electricity production volumes and is recovered through sales. Revenue from the sale of production while testing generating plant not yet commissioned, capitalised to plant. 4.

The IAS 18 principle of only recognising revenue if it is deemed collectable at the date of sale, as opposed to recognising the revenue and then impairing the customer debt when conditions change, was applied in 2015. External revenue to the value of R597 million was thus not recognised at 31 March 2015. 5.



Statistical table 5 **Environmental implications of using or saving electricity**

Factor I figures are calculated based on total electricity sales by Eskom, which is based on the total available for distribution (including purchases), after excluding losses through Transmission and Distribution (technical losses), losses through theft (non-technical losses), our own internal use and wheeling. Thus to calculate CO₂ emissions: 223.4Mt \div 216 274GWh = 1.03 tons per MWh.

Factor 2 figures are calculated based on total electricity generated, which includes coal, nuclear, pumped storage, wind, hydro and gas turbines, but excludes the total consumed by Eskom. Thus for CO₂ emissions: 223.4Mt ÷ (226 300GWh - 4 114GWh) = 1.01 tons per MWh.

Figures represent the 12-month period from 1 April 2014 to 31 March 2015

	Factor I	Factor 2 (total energy	If	electricity consump	otion is measured in:	
	(total energy sold) ¹	generated) ²	kWh	MWh	GWh	TWh
Coal use	0.55	0.54	kilogram	ton	thousand tons (kt)	million tons (Mt)
Water use ¹	1.45	1.41	litre	kilolitre	megalitre (Mℓ)	thousand megalitres
Ash produced	159	155	gram	kilogram	ton	thousand tons (kt)
Particulate emissions	0.38	0.37	gram	kilogram	ton	thousand tons (kt)
CO ₂ emissions ²	1.03	1.01	kilogram	ton	thousand tons (kt)	million tons (Mt)
SO ² emissions ²	8.48	8.25	gram	kilogram	ton	thousand tons (kt)
NO _x emissions ³	4.33	4.22	gram	kilogram	ton	thousand tons (kt)

1. Volume of water used at all Eskom power stations.

Calculated figures based on coal characteristics and power station design parameters. Sulphur dioxide and carbon dioxide emissions are based on coal analysis and using coal burnt tonnages. Figures include coal-fired and gas turbine power stations, as well as oil consumed during power station start-ups and, for carbon dioxide emissions, the underground coal gasification pilot plant.
 NO₂ reported as NO₂ is calculated using average station-specific emission factors, which have been measured intermittently between 1982 and 2006, and tonnages of coal burnt.

Multiply electricity consumption or saving by the relevant factor in the table above to determine the environmental implication.

Example I: Water consumption

Using Factor I Used 90MWh of electricity 90 × 1.45 = 130.5 Therefore 130.5 kilolitres of water used

Using Factor 2 Used 90MWh of electricity 90 × 1.41 = 126.9 Therefore I26.9 kilolitres of water used Example 2: CO₂ emissions

Using Factor I Used 90MWh of electricity 90 x **1.03** = 92.7 Therefore 92.7 tons CO₂ emitted

Using Factor 2 Used 90MWh of electricity 90 × 1.01 = 90.9 Therefore 90.9 tons CO_2 emitted

Further information can be obtained through the Eskom Environmental Helpline. Contact details are available on the inside back cover of the integrated report.

For CDM-related Eskom grid emission factor information please go to the following link:

http://www.eskom.co.za/OurCompany/SustainableDevelopment/Pages/CDM_Calculations.aspx or via the Eskom website: Our Company > Sustainable Development > CDM calculations.



Eskom's energy flow diagram

The energy wheel shows the volume of electricity that flowed from local and international power stations and independent power producers (IPPs) to Eskom's distribution and export points during the past two years, including the losses incurred in reaching those customers.

All figures in GWh

Internal use

Internal use

Generated

Total

Generation of electricity	2014/15	2013/14
Generation	222 591	227 508
OCGT	3 709	3 621
IPPs	6 022	3 671
Subtotal	232 322	234 800
Pumping	(4 114)	(3 862)
Total	228 208	230 938

Technical and other losses Internal use Generated	20 940 791 (53) 3 623 988	21 488 465 (129) 3 353 636	Technical and other losses Distribution Transmission	2014/15 14 920 (6.8%) 6 020 (2.5%)	2013/1 15 824 (7.19 5 664 (2.39
Technical and other losses	791 (53)	465 (129)			
External sales Technical and other losses Internal use Generated	791	465	Technical and other losses	2014/15	2013/1
Technical and other losses			Technical and other losses	2014/15	2013/
	20 940	21 488			
External sales					
	216 274	217 903	Total	216 274	217 90
Demand	2014/15	2013/14			
			Local sales International sales ²	204 274 12 000	205 4 12 4
			External sales	2014/15	2013/
Southern Afr	ican Power Poo		Total	15 623	15 8
			Wheeling	3 623	3 3
			International sales ²	12 000	12 4
	↓		Total exports	2014/15	2013
Total	242 562	243 716			
Pumping	(4 114)	(3 862)			
Subtotal	246 676	247 578			
Wheeling	3 623	3 353	Total	14 354	12
International purchases	10 731	9 425	Wheeling	3 623	3
· · · · · · · · · · · · · · · · · · ·	232 322	234 800	International purchases	10 731	9
Generation (including IPPs)					

1. Wheeling is the buying and selling of electricity between Eskom and foreign parties without the power entering into South Africa.

2014/15

791

(53)

738

2013/14

465

(129)

336

2. International sales includes exports by Distribution International to Lesotho. The actual amounts for 2015 and 2014 were 89GWh and 91GWh respectively.



The following fact sheet details the benchmarking exercises undertaken by the Generation, Transmission and Distribution divisions.

Generation

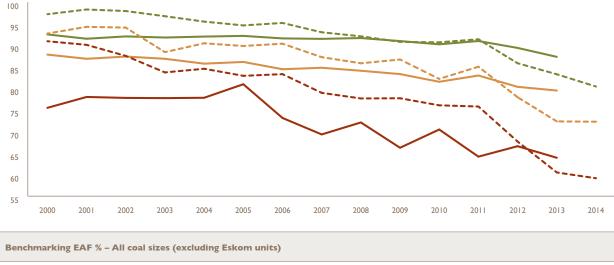
Coal-fired power stations

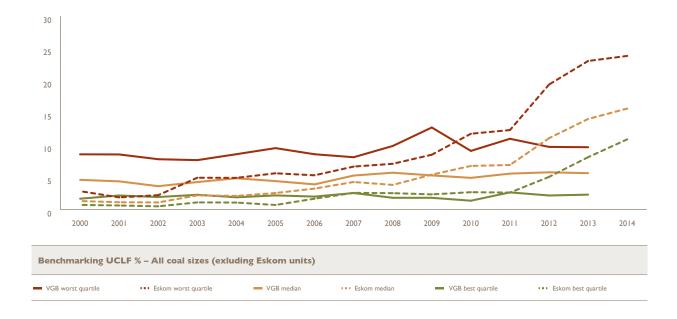
Generation benchmarks the performance of its coal-fired power stations against those of the members of VGB (Vereinigung der Großkesselbesitzer e.V), a European-based technical association for electricity and heat generation industries. VGB's objective is to provide support and facilitate the improvement of operating safety, environmental compatibility and the availability and efficiency of power plants for electricity and heat generation, either in operation or under construction.

When interpreting the results of the benchmarking study, it must be noted that the operating regimes of other utilities contributing to the VGB database may not be the same as those of Eskom. The results indicate that:

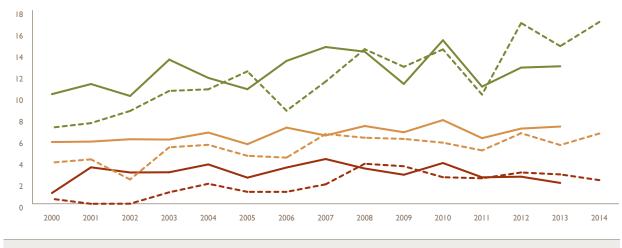
- The trend in the performance of our coal-fired plant across all indicators continues to be worse than the VGB benchmark
- The availability of the top performing stations in the VGB benchmark has historically been consistent, but a decline was observed from 2012 through 2013, and the availability of the benchmark stations in the median and worst quartiles has also been declining

- Our units are on a par with the VGB benchmark with respect to planned maintenance in the median and low quartiles, while the PCLF of our best performing units was significantly better than that of the VGB benchmark units
- Since 2012, Eskom's UCLF performance showed a significant deterioration compared to the VGB benchmark on all quartiles; this trend is continuing
- With respect to the use of available plant (measured by energy utilisation factor or EUF), all our coal-fired units are performing at a level close to, and in many cases above the VGB best quartile, an indication that we are operating our power station units at much higher levels than the VGB benchmark units

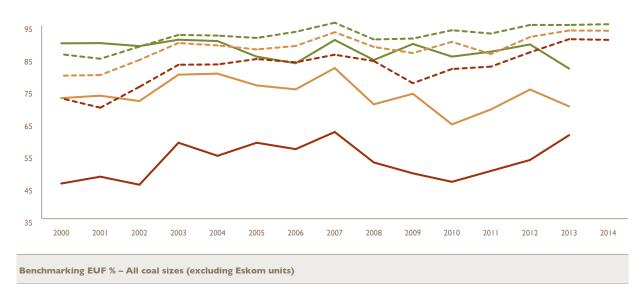




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🗕 VGB worst quartile 🛛 🚥 VGB median 👘 Skom median 👘 VGB best quartile 👘 Skom best qu	 VGB worst quartile 	Eskom worst quartile	VGB median	Eskom median	VGB best quartile	Eskom best quartile
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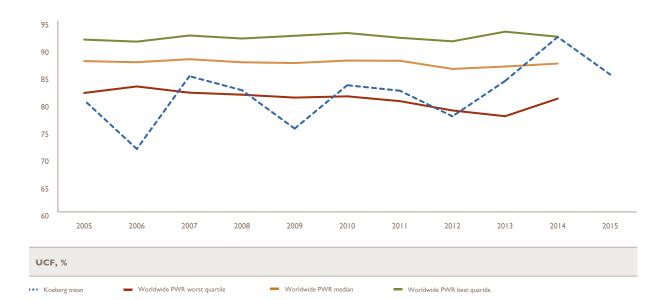
Koeberg Nuclear Power Station

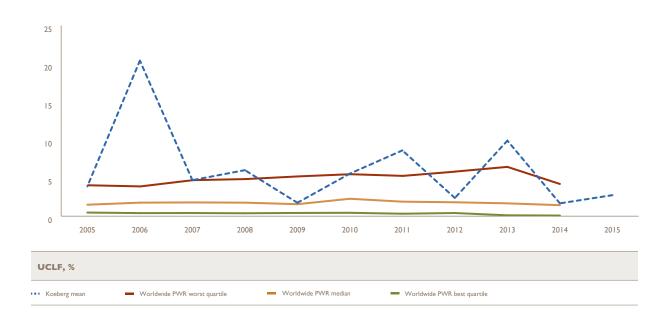
We are affiliated to the World Association of Nuclear Operators (WANO) and the Institute of Nuclear Power Operations (INPO), and South Africa is a member of the International Atomic Energy Agency (IAEA). These affiliations enable us to benchmark performance, conduct periodic safety reviews, define standards, disseminate best practice and train personnel of our nuclear plant, Koeberg.

A WANO peer review of Koeberg was carried out in July 2014, followed by a WANO corporate peer review in February 2015. Following the Fukushima event in Japan in March 2011, corporate peer reviews are additionally being carried out to determine the adequacy of corporate support for nuclear power stations. Through INPO, we have maintained our accreditation from the National Nuclear Training Academy in the United States for our systematic approach to the training of licensed and non-licensed nuclear operators at Koeberg. We are the only non-US utility to receive such accreditation.

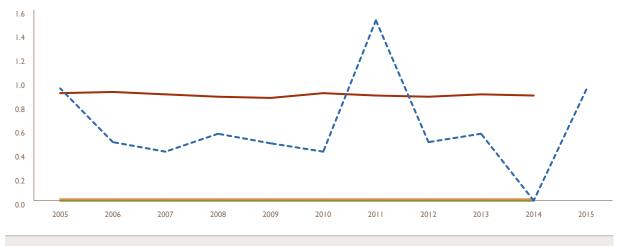
For the review period, Koeberg's performance has generally been better than median for the suite of WANO performance indicators (the complete suite of WANO performance indicators is not shown here).

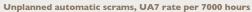
The graphs that follow depict the performance of Koeberg Nuclear Power Station against all pressurised water reactor (PWR) units worldwide.



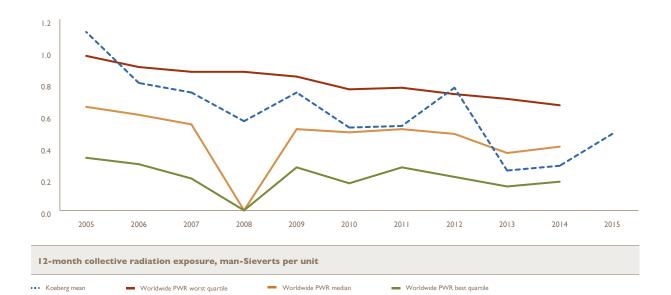


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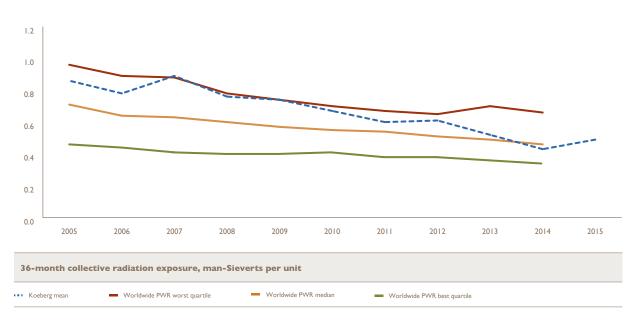




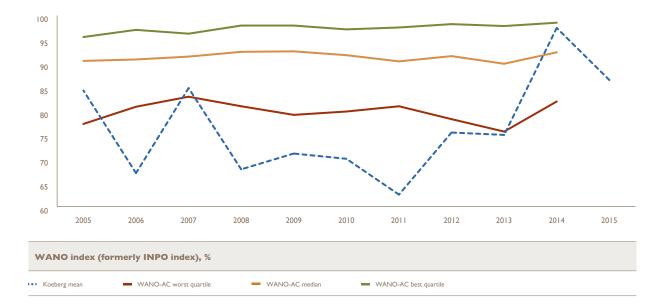




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The smoothing over a longer period than used in the benchmarks above takes into account the frequency of refuelling outages, of which three occur per two-year moving window.



Transmission

Transmission took part in a benchmarking exercise with 27 other international transmission companies in 2012/13. The study focused on maintenance and plant performance and identified international best practices for the transmission industry. These studies have been used to identify opportunities with the development of objectives and strategies for continuous improvement.

The results of the 2012/13 study indicated that Transmission's substation and line asset performance was marginally below the benchmark average. Internal benchmarking performed this year has confirmed the previous results. Benchmarking is conducted every second year; the next study is scheduled for 2015/16 based on 2014/15 information.

Distrubution

As a result of financial constraints the business has not conducted an external benchmarking study during this financial year, but continues to reference data from a previous benchmarking study for planning purposes.

In 2012, the then Distribution and Customer Services Division participated in a benchmarking study which used North American utility data for benchmarking purposes. Distribution's network interruption performance is historically impacted by its long radial overhead lines for rural electrification customers, with limited ring feeds in the event of supply interruptions, which limits the opportunity to build redundancy into the networks. In South Africa urban areas are largely supplied by municipalities, who are in turn supplied in bulk by Eskom.

The Distribution system average interruption duration index (SAIDI) and system average interruption frequency index (SAIFI) were categorised as fourth quartile performance (quartile one being the higher performing utilities). Since the 2012 benchmark exercise Distribution has substantially improved its SAIDI and SAIFI performance.

Distribution is currently preparing to benchmark technical and operational performance against international utilities.

Leadership activities: Board of Directors and committees

This fact sheet supplements the information contained in the "Our governance and leadership" section of the integrated report.

Governance of the group and the responsibility for driving good corporate citizenship is vested in a unitary board, which is supported by several Board committees and a Company Secretary. The Board, through its committees, provides the company's strategic direction, while the Chief Executive, assisted by the Executive Management Committee (Exco) and its subcommittees, is accountable to the Board for implementing the strategy.



Mr Zethembe

Khoza (56)

Independent

non-executive

Dr Ben Ngubane (73) Acting Chairman

Independent non-executive

Qualifications Doctorate Technologiae MB ChB (Durban Medical School)

Significant directorships Toyota South Africa Motors (Pty) Ltd Brikor Ltd Zululand Quarries (Pty) Ltd

Independent non-executive Qualifications

Ms Nazia

Limpopo)

LLB (University of

Johannesburg)

Significant

None

directorships

Carrim (34)

Oualifications LLM (University of National Technical Diploma

Senior Executive Programmes (Harvard, Wits University) Enterprise Leadership for Executives (University of Potchefstroom)

Significant directorships None

Mr Romeo Kumalo (43)

Ms Venete

Klein (56)

Independent

CD(SA)

non-executive

Qualifications

Banker's Exams

(Institute of South

African Bankers)

Senior Executive

Business School)

Programme (Wits

(Harvard, INSEAD,

IMD, MIT)

(Pty) Ltd

Significant

directorships

Institute of Directors

of Southern Africa Old Mutual Wealth

Executive Programmes

Independent non-executive

Qualifications

Dip. Business Management (Wits University) Advanced Management Programme (Harvard) MBL (Unisa) MTS (INSEAD)

Significant directorships Vodacom International Ms Chwayita Mabude (45)

Independent

non-executive

Significant

South Africa

PBMR SOC Ltd

Mollo Holdings

Qualifications

B Compt (Unisa)

directorships

Airports Company

ARC

Dr Pat Naidoo (55)

Independent

non-executive

Qualifications

Ms Viroshini Naidoo (42)

Independent

non-executive

Qualifications

Pr. Eng. ECSA, FSAIEE, B Proc (University of SMIEEE, MIET, MCigre Durban-Westville) PhD Management of LLB (University of Technology (Da Vinci Durban-Westville) Institute for Technology MBA (Buckinghamshire Management) Chilterns University

MBA (Samford of UK) University, USA) Certificates in Electricity Significant Regulation (GSB UCT), directorships Utility Management None (GUI, Samford University, USA) and **Competitive Electricity**

Markets (LSB, UK) Significant

directorships Asara Engineering SA (Pty) Ltd (resigned March 2015) Tata Projects Ltd – Asara Engineering Joint Venture SA (Pty) Ltd (resigned March 2015) Pat Naidoo Consulting Engineers cc RSA (sole member)

non-executive Qualifications CA(SA) B Comm (Wits

University) B Acc Sc Honours (Unisa)

Mr Mark

Pamensky (42)

Independent

Significant directorships Blue Label Telecoms

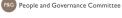
Ltd

ARC Audit and Risk Committee

Denotes chairmanship of a committee

IFC Investment and Finance Committee





TC Board Tender Committee

Refer to pages 18 to 19 under the "Our strategy" section of the integrated report for directors' profiles

The acting Chief Executive and acting Chief Financial Officer are not members of the Board.

Ms Mariam Cassim and Mr Giovanni Leonardi were appointed to the Board on 25 May 2015. As a result of these appointments, the constitution of the Board subcommittees will be revised. The former Chief Executive, Mr Tshediso Matona, has resigned effective 31 May 2015. Ages shown are as at 28 May 2015.

Leadership activities

continued

Attendance of Board and commitee meetings

The effectiveness of the Board is improved through the use of six Board committees to which it delegates authority without diluting its own accountability. The Board appoints members to committees, with due consideration of the necessary skills and experience required by members of the respective committees.

Meetings of the Board and its committees are scheduled annually in advance. Special meetings are convened as and when required to address specific material issues.

Meetings of the Board and its committees from | March 2014 to || December 2014

Members	Board	Audit and Risk	Build Programme Review	Eskom Emergency Task Team	Investment and Finance	People and Governance	Social, Ethics and Sustainability	Board Tender
Total number of meetings	12	5	4	7	8	4	3	П
Independent non-executives								
Dr BL Fanaroff	9/12	5/5				4/4		
Ms Q Gungubele	9/12					4/4	3/3	
Ms N Lesela	9/12					3/4		* /
Ms B Luthuli	9/12	* 5/5	4/4					5/11
Ms C Mabude	9/12	5/5			6/8			11/11
Ms Y Masithela	8/12	5/5					3/3	
Mr MC Matjila	8/12		4/4	7/7	7/8	1/3	1/2	
Dr B Mehlomakulu	8/12			5/7			* 3/3	10/11
Mr ME Mkwanazi	10/12		3/4	5/7	* 8/8			11/11
Mr SPQ Sedibe	11/12					* 4/4	3/3	
Mr ZA Tsotsi	* 11/12		* 4/4	4/7		4/4	2/3	
Ms L Zondo	11/12	5/5			7/8			
Executives								
Mr TJ Matona (Chief Executive								
from I October 2014)	3/3					1/1	1/1	
Ms TBL Molefe (Finance Director)	11/12		3/4	5/7	7/8			7/11

Meetings of the Board and its committees from 11 December 2014 to 31 March 2015

		Audit and	Build Programme	Eskom Emergency	Investment and	People and	Social, Ethics and	Board
Members	Board	Risk	Review	Task Team	Finance	Governance	Sustainability	Tender
Total number of meetings	8	2	2	I	5	I	1	3
Independent non-executives								
Mr NT Baloyi	7/8	1/2			4/5		1/1	
Ms N Carrim	8/8	2/2	2/2					* 3/3
Mr ZW Khoza (acting Chief Executive								
from 12 March 2015)	7/8		1/1		4/5	1/1		2/3
Ms VJ Klein	7/8				4/5	* 1/1	* 1/1	
Mr R Kumalo	8/8	2/2		0/1				
Ms C Mabude	8/8	* 2/2				1/1		3/3
Ms DV Naidoo	8/8	2/2	1/2				1/1	
Dr P Naidoo	8/8		* 2/2	1/1	3/3		1/1	3/3
Dr BS Ngubanester (acting Chairman from 31 March 2015)	8/8		1/2	0/1		1/1		3/3
Mr MV Pamensky	8/8				* 4/5			
Mr ZA Tsotsi (to 30 March 2015)	* 6/7		1/2	1/1		0/1	0/1	
Executives								
Mr TJ Matona (Chief Executive to 11 March 2015)	2/2		0/1	1/1		1/1		
Ms TBL Molefe (Finance Director to 11 March 2015)	2/2		0/1	1/1				0/2

Denotes chairmanship of a committee

Refer to pages 105 to 108 under the "Our leadership and governance" section of the integrated report for the activities of the Board and its committees

Exco is a committee established by the Chief Executive and assists him in guiding the overall direction of the business and exercising executive control of day-to-day operations.

Numerous changes to the Exco structure took place over the last financial year, as detailed in the integrated report. The composition of the Exco at the date of approval of this report is depicted below:



Mr Brian Molefe (49) Acting Chief Executive

Oualifications B Com (Unisa) MBL (Unisa) Postgraduate Diploma in Economics (London University School of Oriental and African Studies)

Significant directorships

Lion of Africa Fund Managers (Pty) Ltd Karibu Holdings (Pty) Ltd Karibu Capital (Pty) Ltd Karibu Real Estate Investments (Pty) Ltd

Ms Nonkululeko Veleti (41) Mr Thava Govender (47) Acting Chief Financial Officer Group Executive: Transmission and

Oualifications CA(SA) B Com Acc (Wits University)

Significant directorships None

Management Development Programme (Unisa)

Significant directorships Roshcon SOC Ltd

Sustainability

(RAU)

Oualifications

BSc Chemistry and

of Durban-Westville)

BSc Honours Energy

Biochemistry (University

Studies – Nuclear & Fossil

Mr Edwin Mabelane (53) Acting Group Executive: Group Technology and Commercial

Oualifications BSc Mechanical Engineering (University of KwaZulu-Natal) Management Development Programme (Unisa)

Significant directorships None

Mr Abram Masango (46) Acting Group Executive: Group Capital

Oualifications National Diploma in Mechanical Engineering National Higher Diploma Mechanical Engineering

Significant directorships ESDEF Emalahleni FM

Ms Ayanda Noah (48) Group Executive: Group Executive: Distribution and Group Generation Customer Services

Qualifications

(Wits University)

MBA (University of

Programme (City

Stellenbosch)

Stellenbosch)

Significant

directorships

Roshcon SOC Ltd

Oualifications Pr. Eng. (ECSA) BSc Electrical Engineering (University of Cape Town) MBA (International Management Centres) Executive Development Programme (Wits University)

Significant directorships Eskom Enterprises SOC Ltd EAP (Chairman) SANÈA CSIR

Mr Mongezi Ntsokolo (54) Ms Elsie Pule (47) Acting Group Executive: Human Resources

Oualifications

BSc Electrical Engineering BA Social Work (University of the BBA Hons (University of North) BA (Hons) Psychology (University of Pretoria) MSc Business Engineering (Warwick Executive Development University) University of New York)

Significant directorships None

ARC Audit and Risk Committee

RBP Board Recovery and Build Programme Committee

Investment and Finance Committee

SES Social, Ethics and Sustainability Committee

People and Governance Committee

Board Tender Committee

Refer to pages 40 to 41 under the "Operating performance" section of the integrated report for the Exco members' profiles

The acting Chief Executive and acting Chief Financial Officer are not members of the Board, but serve on selected Board committees due to the nature of their roles

The former Chief Executive, Mr Tshediso Matona, has resigned effective 31 May 2015. Ages shown are as at 28 May 2015.

Leadership activities continued

Attendance of Exco meetings

Executive	Divisional responsibility	Number of meetings attended
Total number of meetings		27
Mr MC Matjila	Interim Chief Executive (interim appointment ended 30 September 2014)	8/9
Mr TJ Matona	Chief Executive (from 1 October 2014)	9/14
Mr ZW Khoza	Acting Chief Executive (from 12 March 2015)	4/5
Mr T Govender	Group Executive: Generation (until 31 October 2014)	
	Group Executive: Transmission and Group Customer Services (from 1 November 2014)	22/27
Ms EL Johnson	Acting Group Executive: Group Customer Services (resigned effective 31 October 2014)	7/9
Mr MM Koko	Group Executive: Group Technology and Commercial (from 1 May 2014 to 11 March 2015)	20/22
Mr K Lakmeeharan	Acting Group Executive: Group Technology and Commercial (until 30 April 2014)	0
Dr SJ Lennon	Group Executive: Sustainability (resigned effective 31 March 2015)	23/27
Mr E Mabelane	Acting Group Executive: Group Technology and Commercial (from 12 March 2015)	5/5
Mr DL Marokane	Group Executive: Group Capital (until 11 March 2015)	20/22
Mr A Masango	Acting Group Executive: Group Capital (from 12 March 2015)	5/5
Ms TBL Molefe	Finance Director (until 11 March 2015)	15/22
Ms A Noah	Group Executive: Distribution	21/27
Mr MM Ntsokolo	Group Executive: Transmission and acting Group Executive: Human Resources (until 1 November 2014)	
	Group Executive: Generation (from 1 November 2014)	21/27
Ms E Pule	Acting Group Executive: Human Resources (from 1 November 2014)	15/17
Ms N Veleti	Acting Chief Financial Officer (from 12 March 2015)	4/5



Stakeholder matters

This fact sheet supplements the "Stakeholder and material matters" section of the integrated report and represents the full list of material matters raised by stakeholders over the year. The table indicates which matters were raised by which stakeholders. The matters have been grouped according to the sustainability dimensions for ease of reference.

Although the material matters have been numbered, this is merely to facilitate cross-referencing and does not indicate the level of importance of an item.

For a discussion of the matters with higher stakeholder interest and with the highest impact on Eskom, refer to the material stakeholder matters matrix on page 24 of the integrated report

Matte	ers raised by stakeholders	Lenders, analysts and investors	Government, Parliament and regulators	Suppliers and contractors	Employees and organised labour	Civil society and environmental	Organised business and industry	Customers	Media and public
Safe	ety and security			1		1	1		
I. S	Safety of the workplace, employees, contractors and the public		~	v	~		~	~	
2. E	Business continuity and disaster management	~	~		~			~	~
Fina	ancial sustainability								
3. 0	Going concern status and overall financial performance	¥	¥	*	~		~	¥	~
4. T	The impact of credit ratings downgrades on the ability to secure funding, and increasing finance charges	~	~						~
•	Liquidity position, and the impact of: • The Government support package • Savings through the Business Productivity Programme • Increasing arrear municipal debt and revenue collection • Increasing amounts spent on liquid fuels due to the extended use of OCGTs	¥	~	~	*		~	¥	~
	Move to attaining cost-reflective prices, and the role of the NERSA MYPD and Regulatory Clearing Account processes	~	~				~	~	~
Оре	rational sustainability								
	Technical performance of Generation plant, including the maintenance backlog and incidents at Duvha and Majuba Power Stations	~	~	~	~				~
8. T	Technical performance of Distribution and Transmission plant	~	<i>、</i>	~	~				
•	Security of supply, and the impact of: • International sales and purchases of electricity • Plant breakdowns • Use of OCGTs • Limitations from emission licences	¥	~				~	~	~
10. C	Coal stock procurement and handling at power stations	~	~	~		~			~
	Private-sector participation through the DoE renewable energy programme and other IPPs, and connection to the grid	~	~			~	~	~	~
Reve	enue and customer sustainability				1		1	1	
•	Impact of load shedding and load curtailment on customers, including: • Communication • Consistency of interruptions • Reliability of schedules		~	~			~	~	~
13. li	Impact of increased tariffs on businesses and customers	¥	~		~		~	~	~
14. E	Declining electricity sales volumes	~	~				~	~	~
15. I	Impact of energy losses, theft of equipment and illegal connections on supply to customers		~				~	~	~
16. C	Customer dissatisfaction with quality of service delivery						~	~	
17. F	Probability of a national blackout	¥	~				~	~	~
10 (Arrear customer debt	<u> </u>	~					~	

Stakeholder matters

continued

Matters raised by stakeholders	Lenders, analysts and investors	Government, Parliament and regulators	Suppliers and contractors	Employees and organised labour	Civil society and environmental	Organised business and industry	Customers	Media and public
Sustainable asset creation	·	•						
19. New capacity post Kusile in terms of the Integrated Resource Plan 2010-2030	~	¥						v
 20. Progress on installing new Generation capacity Medupi and Kusile power station progress and synchronisation Commissioning of Sere CSP project milestones and costs/funding 	~	~	~	~		~	~	~
 21. New build project delays and the escalating cost to completion, including the impact of: Safety incidents (Ingula) Contractor performance and strike action Shortage of critical skills 	~	~	~	~		~	~	~
Environmental sustainability								
22. Reducing our carbon footprint by procuring renewable energy	~	~			~	~		
23. Impact of carbon tax		~			¥	~	~	
24. Environmental concerns, such as contraventions, particulate emissions and water use	~	~			¥			
25. Scarcity of water		~			~	~		
26. Environmental impact of nuclear power generation and nuclear waste management	~	~			¥			~
27. Energy efficiency programmes and incentives	<i>v</i>	~			~	~	~	~
Building a sustainable skills base								
28. Shortage of skills and retention of skilled employees	~	¥	~	~			~	~
29. Employee salaries and benefits	~			~				~
Transformation and social sustainability								
30. Socio-economic contribution		¥	~	~	~	~		~
31. Transformation of employment equity, procurement equity and supplier localisation and development		¥	~	~		~		
32. Electrification connection challenges	~	¥	~			~	~	
33. Governance concerns around tender processes	~	~	~			~		~
Governance and leadership								
 34. Changes in and stability of leadership, including: Executive resignations Appointment of Collin Matjila as interim Chief Executive Appointment of Tshediso Matona as Chief Executive New board appointments, suspensions and resignations 	~	~		~				¥
35. Remuneration of directors and executives	v	~		~		~		~



King Code of Corporate Governance (King III) application register

This fact sheet supplements the "Our leadership and governance" section of the integrated report and provides the breakdown of exceptions and alternative practices to the King III principles, as determined by the Governance Assessment Instrument of the Institute of Directors of Southern Africa (IoDSA).

Disclaimer

The assessment criteria of the web-based tool, the Governance Assessment Instrument (GAI) have been based on the practice recommendations of the King III report. These criteria are intended to assess quantitative aspects of corporate governance only and not qualitative governance. As such, the results are proposed to serve as an indication of the structures, systems and processes in place and are not intended to include an indication of the governance culture of an entity.

The responsibility for the input of data in order to attain a result through the use of this [tool] is that of the user and the entity in respect of which the user subscription has been granted.

The Global Platform for Intellectual Property (Pty) Ltd (TGPIP), nor the IoDSA, as Licensor of the content of the GAI, makes no warranty or representation as to the accuracy or completeness of either the assessment criteria or the results. Neither TGPIP, nor the IoDSA, nor any of its affiliates, nor the software developer shall be held responsible for any direct, indirect, special, consequential or other damage of any kind suffered or incurred, as a result of reliance on the results produced through the use of the GAI.

Eskom Holdings SOC Ltd

Registration number: 2002/015527/30

Main category	Sub-category	King III principle	Our application	Explanation
Chapter I: Ethical leadership and corporate citizenship	Ethical leadership	The board ensures that ethical risks and opportunities are assessed (i.e. identified and evaluated in terms of probability and impact) and that an ethics risk and opportunity profile is compiled.	Partially applied	The outcome of the Eskom Fraud Risk Assessment will enhance efforts to improve the assessment of ethical risks and opportunities
Chapter 2: Boards and directors	Board composition	Non-executive directors* agree to all of the following in their letters of appointment: • The directors' code of conduct • The duties that are expected from each director • The remuneration for holding office as director • The terms of directors' and officers' liability insurance *It should be noted that the terms "director" "directors", "member of the board" and "members of the board" are used interchangeably and convey the same meaning as those persons represented on the board."	Partially applied	The shareholder appoints the director and issues the letter of appointment. It does highlight the director's duties but the code of ethics, board charter and insurance policy of the SOC, as well as the determination of remuneration, are provided after the letter of appointment has been issued and the SOC has been informed of the appointment
	Board composition	 Procedures for appointments to the board are all of the following: Formally set out in a policy Transparent A matter for the board as a whole, although the board may be assisted by the nomination committee or the Minister as applicable 	Partially applied	Procedure for appointment of non-executive directors is determined by the shareholder through the Department of Public Enterprises (DPE) and implemented by the DPE. The transparency thereof can be improved. The procedure for appointment of executive directors is determined by the shareholder and implemented by Eskom in accordance with its recruitment policy
	Board composition	Non-executive directors that are classified as "independent" by the entity are subjected to an annual evaluation of their independence by the chairman and the board.	Partially applied	While an annual evaluation (which includes the assessment of independence) of the performance of the Board and individual directors is usually undertaken in line with Eskom practice, such an evaluation could not be conducted for the period under review due to the reconstitution of the Board
	Board composition	The board ensures that inexperienced directors are developed through mentorship programmes.	Not applied	There is no formal mentorship programme in place but the balance of experienced and less experienced members on the Board assists in the informal transfer of skills. The intention is to formalise the process
	Board composition	Before candidates are nominated for board appointments, there are procedures in place to investigate the candidates' backgrounds or legal exclusions from membership inspected and applied.	Partially applied	Non-executive directors are appointed by the shareholder. The vetting process can be improved. The recruitment process for executive directors conducted by Eskom includes a background check
	Chairman	The chairman's ability to add value, and his or her performance against what is expected of this role and function, is assessed every year.	Partially applied	While an annual evaluation of the performance and effectiveness of the Board, individual directors and Board committees is usually undertaken in line with Eskom practice, such an evaluation could not be conducted for the period under review due to the reconstitution of the Board. The new Board will be evaluated over a longer period of IS months in the next financial year
	Chairman	There is succession planning in place for the chairman.	Partially applied	The Chairman is appointed by the shareholder. The shareholder considers the succession of the Chairman
	CEO	The CEO is not a member of the remuneration committee.	Partially applied	Remuneration role is included in the People and Governance Committee. The Chief Executive is an ex-officio member of the People and Governance Committee but recuses himself when his remuneration is discussed or if there is an actual, perceived or potential conflict of interest

King Code of Corporate Governance (King III) application register

continued

Main category	Sub-category	King III principle	Our application	Explanation
Chapter 2: Boards and directors (continued)	CEO	The CEO is not a member of the nomination committee.	Partially applied	The nomination role is included in the People and Governance Committee. The Chief Executive is an ex-officio member of the People and Governance Committee but recuses himself if there is an actual, perceived or potential conflict of interest. He contributes to the nomination and appointment of senior executives
	Performance evaluation	Yearly evaluation of the Board's, its committees and individual directors is performed every year.	Partially applied	While an annual evaluation of the performance of the Board, individual directors and Board committees is usually undertaken in line with Eskom practice, such an evaluation could not be conducted for the period under review due to the reconstitution of the Board. The new Board will be evaluated over a longer period of 15 months in the next financial year
	Performance evaluation	The results of performance evaluations are constructively used to identify training and development needs for directors.	Partially applied	While an annual evaluation of the performance of the Board, individual directors and Board committees is usually undertaken in line with Eskom practice, such an evaluation could not be conducted for the period under review due to the reconstitution of the Board
	Performance evaluation	The nomination for re-appointment of a director only occurs after an evaluation of the performance of the director.	Partially applied	While an annual evaluation of the performance of the Board, individual directors and Board committees is usually undertaken in line with Eskom practice, such an evaluation could not be conducted for the period under review due to the reconstitution of the Board
	Performance evaluation	Assessment of the performance of the CEO and other executive directors as employees takes place every year and the results of this assessment affect remuneration.	Partially applied	Due to the suspension of the Chief Executive and the Finance Director, performance assessments of these employees have not been conducted for the period under review
	Remuneration committee	All members of the remuneration committee are non-executive directors and a majority of the members are independent.	Not applied	The Chief Executive is an ex-officio member of the People and Governance Committee which incorporates the remuneration element. He recuses himself if there is an actual, perceived or potential conflict of interest
	Nomination committee	The nominations committee oversees a formal succession plan for the board, CEO and certain senior executive appointments.	Partially applied	The shareholder attends to succession planning for non-executive directors. The People and Governance Committee oversees succession planning for the Chief Executive and senior executives
	Nomination committee	The nominations committee makes recommendations for appointment as director based on all of the following: • Knowledge and experience gap on the board • Integrity of the candidate; and- skills and capacity of the candidate	Partially applied	The Board makes recommendations to the shareholder on the skills gap. Knowledge, experience, integrity and capacity of potential directors is determined by the shareholder
	Nomination committee	The nominations committee comprises the board chairman and non-executive directors.	Partially applied	The People and Governance Committee includes the nomination role. The Chief Executive is an ex-officio member of the People and Governance committee but he recuses himself if there is an actual, potential or perceived conflict of interest
	Nomination committee	The nominations committee establishes procedures for appointments to the board and ensures that these are properly carried out.	Partially applied	Non-executive directors are appointed by the shareholder. The People and Governance committee ensures that there are procedures in place for the appointment of executive directors
	Nomination committee	The nominations committee ensures that new directors have not been declared delinquent or are not serving probation in terms of section 162 of the Companies Act, 2008.	Partially applied	Non-executive directors are vetted and appointed by the shareholder. The People and Governance Committee oversee the vetting of executive directors (including in terms of Section 162 of the Companies Act)
	Nomination committee	The nominations committee identifies and participates in selecting board members.	Partially applied	The shareholder identifies, selects and appoints non-executive directors. The People and Governance Committee assist with the identification and selection of executive directors
	Remuneration	The shareholder passes a non-binding advisory vote on the entity's remuneration policy every year or if not a company, it is approved by the Minister.	Partially applied	A remuneration policy for the Board is being developed in line with the DPE standards on remuneration. The shareholder approves the remuneration of the Board members at the AGM
	Remuneration	Non-executive directors' fees comprise both a base fee and an attendance fee per meeting.	Partially applied	The shareholder's remuneration and incentive standards are being revised to accommodate this. Eskom is in the process of aligning its policy to these standards
	Integrated reporting and disclosure	 The integrated report discloses all of the following: An overview of the appraisal process of the board, board committees, individual directors; The results of this appraisal process; and Action plans emanating from results of the appraisal 	Partially applied	While an annual evaluation of the performance and effectiveness of the Board, individual directors and Board committees is usually undertaken in line with Eskom practice, such an evaluation could not be conducted for the period under review due to the reconstitution of the Board. The new Board will be evaluated over a longer period of 15 months and this will be disclosed in the next financial year
	Integrated reporting and disclosure	The remuneration report discloses both the nature and period of restraint provided for in executive service contracts.	Partially applied	Restraint agreements are not applicable

King Code of Corporate Governance (King III) application register

Main category	Sub-category	King III principle	Our application	Explanation
Chapter 3: Audit committees	Audit committee	 The audit committee does both of the following: Considers and satisfies itself of the suitability of the expertise and experience of the financial director every year Reviews the finance function every year 	Partially applied	The finance function is reviewed through the process of internal and external audit. The suitability of the Finance Director is reviewed by the Chief Executive and People and Governance Committee
	Audit committee	The nominations committee presents the shareholder or the Board with suitable candidates for election as audit committee members.	Partially applied	The Board recommends audit committee members to the shareholder for approval
	Audit committee	The nominations committee evaluates whether audit committee members collectively have the required level of qualifications and experience.	Partially applied	The Board assesses the qualification and experience of audit committee members
Chapter 6: Compliance with laws, rules, codes and standards	Compliance	The risk of non-compliance is identified, assessed and responded to through the risk management processes.	Partially applied	The identification and assessment of laws is done primarily through the compliance management process after which the risks are logged, responded to and tracked through the general risk management process. In this regard integration is steadily being improved and control mechanisms updated to enhance the management of compliance risks and general compliance reporting
	Compliance	The board receives assurance on the effectiveness of the internal controls intended to ensure compliance with laws, rules, codes and standards.	Partially applied	Resource constraints affect the ability to carry out routine monitoring and reviews and this impacts on the ability to provide more frequent assurance. Consolidated reports on compliance maturity and status are presented twice a year to the Audit and Risk Committee. The maturity of the compliance structures is improving and consequently the degree of assurance provided on the effectiveness of compliance controls is also steadily improving
	Compliance	Management has established the appropriate structures to educate, train, communicate about, and measure compliance.	Partially applied	A set of formalised guiding documents has been implemented to guide the requirements associated with compliance management. Training employees on specific compliance requirements is not done on a systematic basis and is affected by resource constraints. Training on compliance methodology and key processes will be provided to the compliance community through a CISA-accredited programme – this is expected to be completed in 2015/16. High-level KPI measurement is currently being implemented
	Compliance	The compliance function has adequate resources to fulfil its duties.	Partially applied	Resources are constrained and available capacity as well as competence needs to be augmented
Chapter 8: Integrated reporting and disclosure	Governing stakeholder relationships	The gap between stakeholders' perceptions and the performance of the company is measured and managed to enhance or protect the entity's reputation.	Partially applied	A stakeholder relationship assessment tool was piloted in three provinces and it will be implemented country-wide
	Governing stakeholder relationships	The integrated report includes reasons for refusals of requests for information that were lodged with the entity in terms of the Promotion of Access to Information Act, 2000. (Only applicable in the event of any such refusals during the reporting period.)	Partially applied	The nature and volume of PAIA requests and the percentage of refusals and their complexity prevents comprehensive disclosure in the integrated report, and therefore the declaration in term of Section 32 of PAIA is included as a fact sheet



Compliance with Promotion of Access to Information Act, 2000

This fact sheet contains our declaration in terms of Section 32 of the Promotion of Access to Information Act, 2 of 2000 (PAIA) for 2014/15.

The statistics required by South African Human Rights Commission are as follows:

	2014/15
a. The number of requests for access received	46
b. The number of requests for access granted in full	21
c. The number of requests for access refused in full	н
d. The number of requests for access refused partially	5
e. The number of requests for access in process	4
f. The number of internal appeals lodged	6
g. The number of internal appeals in process	0
h. The number of cases in which access was given as a result of internal appeal	2
i. The number of internal appeals lodged on the grounds that a request was regarded as having been refused in terms of Section 27	0
j. The number of applications ending up in court	0
k. The number of cases in which extension of 30 days were requested	22

In addition to these formal requests, we also dealt with informal requests lodged via the PAIA Portal, not in terms of the Act.

Our PAIA manual has been updated to the extent possible and is electronically available on http://www.eskom.co.za/OurCompany/PAIA/Pages/Promotion_Of_Access_To_Information.aspx

Eddie Laubscher National Deputy Information Officer