

Electricity Distribution Loss Percentages by Distribution Network Operator (DNO) Area

The table on the following page gives basic information for each of the fourteen electricity distribution network licensees (with distribution services areas) on:

- Total units (GWh) entering networks from the transmission network and distributed generation
- Total units distributed (metered and unmetered)
- Losses expressed as a percentage of total units entering the network

The information is presented for regulatory years (1 April to 31 March) from 2000/2001 and is derived from price control revenue returns submitted by the licensees.

Please note that caution should be exercised in using the data in this table for comparative purposes (either between licensees or across time periods). Factors which could affect comparison include:

- The varying physical characteristics of different geographical networks which have in many cases developed over a number of decades, including pre-privatisation 'legacy issues'¹.
- The fact that licensees can use different methodologies² to establish the number of units distributed for a given regulatory year.
- The nature of settlement data giving the number of units distributed for a given period. Settlement data exists primarily for customer billing purposes and, at any given time, can include estimated data in respect of meters for which up to date readings are unavailable².
- The figures for total units distributed include units deemed to be leaving at unmetered exit points which are, to some extent, estimated in nature.

¹ This is reflected in the different Allowed Loss Percentages (ALP) given to distribution licensees for the purposes of the losses incentive mechanism in the DPCR4 price control (Electricity Distribution Licence special condition C1 refers). It should be noted that loss percentages for comparison to ALP are calculated on an adjusted basis and expressed as a percentage of units distributed (rather than as a percentage of units entering networks). The loss incentive percentages are therefore not directly comparable with the numbers given in this table.

² The yearly reporting regime, together with the nature of settlement data flows, mean that the reported unit totals in this table for a given regulatory year may not conform exactly to what those totals would have been, had they been ascertained after the end of the respective 14 month settlement periods. It should also be noted that post-final settlement runs can take place after the normal 14 month settlement period. The unit totals in regulatory returns are only restated when absolutely necessary.

Electricity Distribution Loss Percentages by Distribution Network Operator (DNO) Area

<i>Units - rounded to nearest GWh</i>	CN West	CN East	Electricity North West	CE NEDL	CE YEDL	WPD S Wales	WPD S West	EDFE LPN	EDFE SPN	EDFE EPN	SP Distribution	SP Manweb	SSE Hydro	SSE Southern	Totals
<u>2000-01</u>															
Units Entering	28,307	29,343	25,942	17,546	25,181	13,310	16,106	27,039	23,301	36,398	24,155	18,638	9,118	33,869	328,253
Units Distributed	26,872	27,688	24,436	16,678	23,680	12,605	14,947	25,261	21,834	34,093	22,694	17,271	8,374	31,697	308,130
Loss Percentage	5.1	5.6	5.8	4.9	6.0	5.3	7.2	6.6	6.3	6.3	6.0	7.3	8.2	6.4	6.1
<u>2001-02</u>															
Units Entering	28,174	29,794	26,648	17,706	25,275	13,254	16,107	27,801	23,338	37,035	24,027	18,285	9,162	34,560	331,166
Units Distributed	27,236	28,139	25,613	16,830	24,077	12,650	15,095	26,115	21,889	34,774	22,561	17,248	8,406	32,356	312,989
Loss Percentage	3.3	5.6	3.9	4.9	4.7	4.6	6.3	6.1	6.2	6.1	6.1	5.7	8.3	6.4	5.5
<u>2002-03</u>															
Units Entering	28,471	30,405	26,842	17,785	25,722	13,090	16,411	28,678	23,771	37,919	23,746	18,090	9,250	35,030	335,210
Units Distributed	27,274	28,902	25,405	17,006	24,272	12,782	15,424	27,013	22,294	36,262	22,694	17,206	8,492	32,796	317,822
Loss Percentage	4.2	4.9	5.4	4.4	5.6	2.4	6.0	5.8	6.2	4.4	4.4	4.9	8.2	6.4	5.2
<u>2003-04</u>															
Units Entering	28,624	30,877	27,427	17,835	26,010	13,608	16,617	29,764	23,087	38,032	23,679	17,974	9,411	36,002	338,947
Units Distributed	27,414	29,451	25,913	17,063	24,633	12,991	15,594	28,051	21,757	36,160	22,753	17,154	8,639	33,706	321,279
Loss Percentage	4.2	4.6	5.5	4.3	5.3	4.5	6.2	5.8	5.8	4.9	3.9	4.6	8.2	6.4	5.2
<u>2004-05</u>															
Units Entering	28,670	31,215	27,448	18,195	26,201	13,733	16,663	30,773	24,202	38,675	23,665	17,838	9,390	36,391	343,059
Units Distributed	27,446	29,715	26,231	17,251	24,945	13,099	15,712	29,175	22,912	37,002	22,643	16,970	8,620	34,073	325,794
Loss Percentage	4.3	4.8	4.4	5.2	4.8	4.6	5.7	5.2	5.3	4.3	4.3	4.9	8.2	6.4	5.0
<u>2005-06</u>															
Units Entering	28,804	31,591	27,866	18,342	26,425	13,818	16,935	31,569	24,480	39,234	22,971	18,315	9,557	37,136	347,043
Units Distributed	27,443	30,105	26,627	17,507	25,507	13,163	16,025	29,910	23,121	37,513	21,664	17,245	8,787	34,855	329,472
Loss Percentage	4.7	4.7	4.4	4.6	3.5	4.7	5.4	5.3	5.6	4.4	5.7	5.8	8.1	6.1	5.1
<u>2006-07</u>															
Units Entering	27,843	31,026	27,018	17,751	25,733	13,428	16,286	31,356	24,076	38,025	22,243	17,969	9,237	36,164	338,155
Units Distributed	26,786	29,509	25,800	16,982	24,785	12,753	15,404	29,773	22,804	36,410	20,946	16,983	8,494	33,939	321,368
Loss Percentage	3.8	4.9	4.5	4.3	3.7	5.0	5.4	5.0	5.3	4.2	5.8	5.5	8.0	6.2	5.0

<i>Units - rounded to nearest GWh</i>	CN West	CN East	Electricity North West	CE NEDL	CE YEDL	WPD S Wales	WPD S West	EDFE LPN	EDFE SPN	EDFE EPN	SP Distribution	SP Manweb	SSE Hydro	SSE Southern	Totals
<u>2007-08</u>															
Units Entering	27,956	30,884	26,897	17,825	25,551	13,328	16,239	31,509	24,095	38,242	22,301	17,936	9,402	36,494	338,659
Units Distributed	26,751	29,665	25,602	16,932	24,137	12,653	15,216	29,772	22,751	36,841	21,123	16,761	8,645	34,249	321,098
Loss Percentage	4.3	3.9	4.8	5.0	5.5	5.1	6.3	5.5	5.6	3.7	5.3	6.6	8.1	6.2	5.2
<u>2008-09</u>															
Units Entering	26,764	30,238	26,631	17,110	25,071	12,916	15,926	31,786	23,782	37,933	22,179	17,603	9,228	36,589	333,756
Units Distributed	25,385	29,081	25,340	16,306	23,823	12,354	14,943	30,040	22,443	36,036	20,793	16,509	8,508	34,371	315,932
Loss Percentage	5.2	3.8	4.8	4.7	5.0	4.4	6.2	5.5	5.6	5.0	6.2	6.2	7.8	6.1	5.3
<u>2009-10</u>															
Units Entering	26,070	29,651	25,681	16,580	24,230	12,689	15,587	31,218	23,277	36,925	21,571	17,381	9,088	35,824	325,772
Units Distributed	24,706	28,336	24,018	15,540	22,524	12,050	14,614	29,585	22,135	34,719	20,321	16,341	8,384	33,722	306,995
Loss Percentage	5.2	4.4	6.5	6.3	7.0	5.0	6.2	5.2	4.9	6.0	5.8	6.0	7.7	5.9	5.8
	Note: Units distributed figures for SP Distribution and SP Manweb have been restated for years 2005-06 to 2008-09														