

Corrigendum

2nd CEER Report on Power Losses (C19-EQS-101-03)

Revised version 23 March 2020

The following list provides a description of the changes made since the original version was published on 21 February 2020. The changes all pertain to the Republic of Ireland – in most cases, to the data pertaining to that country as shown in figures and tables. The only exception is a correction to footnote 9 (page 12, Table 12) regarding non-metered consumption Belgium.

Location	Refers to	Correction
Page 11	Table 1: Inclusion of non-technical power losses	Ireland moved from „yes, only in transmission” to “yes, in transmission and distribution”.
Page 12	Table 2: Components of non-technical losses included in definition	Ireland added to the distribution category of the following components of non-technical losses: hidden losses, theft and others.
Page 12	Table 2: Components of non-technical losses included in definition	Reference to footnote 9 was corrected.
Page 16	Figure 1: Transmission losses as % of injected energy (countries not exceeding 2% in any year data was obtained for)	Figure replaced. Ireland added to the figure since updated values do not exceed 2%
Page 17	Figure 2: Transmission losses as % of injected energy (countries exceeding 2% in at least one of the years data was obtained for)	Figure replaced. Ireland removed from the figure since updated values do not exceed 2%
Page 18	Figure 3: Distribution losses as % of injected energy (countries not exceeding 9% in any year data was obtained for)	Figure replaced. Ireland added to the figure since updated values do not exceed 9%
Page 19	Figure 4: Distribution losses as % of injected energy (countries exceeding 9% in at least one of the years data was obtained for)	Figure replaced. Ireland removed from the figure since updated values do not exceed 9%
Page 21	Figure 6: Total losses as % of injected energy (countries exceeding 7% in at least one of the years data was obtained for)	Figure replaced. Irish values updated
Page 22	Figure 7: Transmission losses as % of injected energy	Figure replaced. Irish values updated
Page 23	Figure 8: Distribution losses as % of injected energy	Figure replaced. Irish values updated
Page 24	Figure 9: Total losses as % of injected energy	Figure replaced. Irish values updated

Location	Refers to	Correction
Page 92	Are non-technical losses included in values submitted for this report?	Old answer: "Yes, in transmission" New answer: "Yes, both distribution and transmission"
Page 92	Components included in definition of non-technical losses: "hidden" non-technical losses	Old answer: "Yes, in transmission" New answer: "Yes, both distribution and transmission"
Page 92	Components included in definition of non-technical losses: Theft	Old answer: "Yes, in transmission" New answer: "Yes, both distribution and transmission"
Page 92	Components included in definition of non-technical losses: Others (e.g. metering errors, differences in metering, billing and data processing)	Old answer: "Yes, in transmission" New answer: "Yes, both distribution and transmission"
Page 92	Is the same method used to determine losses on every voltage level?	Old answer: "Yes" New answer: "Losses are measured for distribution and transmission systems. The apportionment by voltage level is estimated based on calculation."
Page 93	Figure „Losses in distribution“	Figure replaced
Page 93	Figure „Losses in distribution“: value 2014	Old value: 1,632 GWh / 6.62 % New value: 1,597 GWh / 6.73 %
Page 93	Figure „Losses in distribution“: value 2015	Old value: 1,632 GWh New value: 1,597 GWh
Page 94	Figure „Losses in transmission“	Figure replaced
Page 94	Figure „Losses in transmission“: value 2014	Old value: 666 GWh / 2.94 % New value: 350 GWh / 1.55 %
Page 94	Figure „Losses in transmission“: value 2015	Old value: 666 GWh / 2.94 % New value: 395 GWh / 1.74 %
Page 94	Figure „Losses in transmission“: value 2016	Old value: 148 GWh / 0.64 % New value: 392 GWh / 1.65 %
Page 94	Figure „Total losses“	Figure replaced
Page 94	Figure „Total losses“: value 2014	Old value: 2,298 GWh / 8.67 % New value: 1,947 GWh / 7.47 %
Page 94	Figure „Total losses“: value 2015	Old value: 2,298 GWh / 8.67 % New value: 1,992 GWh / 7.42 %
Page 94	Figure „Total losses“: value 2016	Old value: 1,780 GWh / 6.59 % New value: 2,024 GWh / 7.34 %
Page 153	Table 11: Injections in transmission (GWh) 2010	Old value: deleted
Page 153	Table 11: Injections in transmission	Old value: deleted

Location	Refers to	Correction
	(GWh) 2011	
Page 153	Table 11: Injections in transmission (GWh) 2012	Old value: 25,724 GWh New value: 23,260 GWh
Page 153	Table 11: Injections in transmission (GWh) 2013	Old value: 22,673 GWh New value: 22,934 GWh
Page 153	Table 11: Injections in transmission (GWh) 2014	Old value: 22,673 GWh New value: 22,587 GWh
Page 153	Table 11: Injections in transmission (GWh) 2016	Old value: 23,191 GWh New value: 23,731 GWh
Page 154	Table 12: Withdrawals from transmission (GWh) 2010	Old value: deleted
Page 154	Table 12: Withdrawals from transmission (GWh) 2011	Old value: deleted
Page 154	Table 12: Withdrawals from transmission (GWh) 2012	Old value: 23,557 GWh New value: 22,984 GWh
Page 154	Table 12: Withdrawals from transmission (GWh) 2013	Old value: 23,339 GWh New value: 22,618 GWh
Page 154	Table 12: Withdrawals from transmission (GWh) 2014	Old value: 23,339 GWh New value: 22,237 GWh
Page 154	Table 12: Withdrawals from transmission (GWh) 2015	Old value: 23,339 GWh New value: 22,278 GWh
Page 155	Table 13: Injections in distribution (GWh) 2012	Old value: none New value: 23,994 GWh
Page 155	Table 13: Injections in distribution (GWh) 2013	Old value: 24,652 GWh New value: 23,982 GWh
Page 155	Table 13: Injections in distribution (GWh) 2014	Old value: 24,652 GWh New value: 23,749 GWh
Page 155	Table 13: Injections in distribution (GWh) 2015	Old value: 24,652 GWh New value: 24,116 GWh
Page 156	Table 14: Withdrawals from distribution (GWh) 2012	Old value: none New value: 22,352 GWh
Page 156	Table 14: Withdrawals from distribution (GWh) 2014	Old value: 23,020 GWh New value: 22,152 GWh
Page 156	Table 14: Withdrawals from distribution (GWh) 2015	Old value: 23,020 GWh New value: 22,520 GWh
Page 157	Table 15: Energy injected into distribution grid (GWh) 2012	Old value: none New value: 2,786 GWh
Page 157	Table 15: Energy injected into distribution grid (GWh) 2013	Old value: 3,832 GWh New value: 3,193 GWh

Location	Refers to	Correction
Page 157	Table 15: Energy injected into distribution grid (GWh) 2014	Old value: 3,832 GWh New value: 3,460 GWh
Page 157	Table 15: Energy injected into distribution grid (GWh) 2015	Old value: 3,832 GWh New value: 4,160 GWh
Page 158	Table 16: Total losses (GWh) 2010	Old value: deleted
Page 158	Table 16: Total losses (GWh) 2011	Old value: deleted
Page 158	Table 16: Total losses (GWh) 2012	Old value: 2,167.0 GWh New value: 1,918.0 GWh
Page 158	Table 16: Total losses (GWh) 2013	Old value: 2,958.0 GWh New value: 1,938.8 GWh
Page 158	Table 16: Total losses (GWh) 2014	Old value: 2,298.0 GWh New value: 1,946.9 GWh
Page 158	Table 16: Total losses (GWh) 2015	Old value: 2,298.0 GWh New value: 1,991.9 GWh
Page 158	Table 16: Total losses (GWh) 2016	Old value: 1,780.0 GWh New value: 2,024.1 GWh
Page 159	Table 17: Losses in transmission (GWh) 2010	Old value: deleted
Page 159	Table 17: Losses in transmission (GWh) 2011	Old value: deleted
Page 159	Table 17: Losses in transmission (GWh) 2012	Old value: 525.0 GWh New value: 275.7 GWh
Page 159	Table 17: Losses in transmission (GWh) 2013	Old value: 666.0 GWh New value: 316.2 GWh
Page 159	Table 17: Losses in transmission (GWh) 2014	Old value: 666.0 GWh New value: 349.6 GWh
Page 159	Table 17: Losses in transmission (GWh) 2015	Old value: 666.0 GWh New value: 395.4 GWh
Page 159	Table 17: Losses in transmission (GWh) 2016	Old value: 148.0 GWh New value: 392.2 GWh
Page 160	Table 18: Losses in distribution (GWh) 2010	Old value: deleted
Page 160	Table 18: Losses in distribution (GWh) 2011	Old value: deleted
Page 160	Table 18: Losses in distribution (GWh) 2012	Old value: 1,642.0 GWh New value: 1,642.3 GWh
Page 160	Table 18: Losses in distribution (GWh) 2013	Old value: 2,292.0 GWh New value: 1,622.6 GWh

Location	Refers to	Correction
Page 160	Table 18: Losses in distribution (GWh) 2014	Old value: 1,632.0 GWh New value: 1,597.3 GWh
Page 160	Table 18: Losses in distribution (GWh) 2015	Old value: 1,632.0 GWh New value: 1,596.5 GWh
Page 161	Table 19: Low voltage losses (GWh) 2010	Old value: deleted
Page 161	Table 19: Low voltage losses (GWh) 2012	Old value: none New value: 530.9 GWh
Page 161	Table 19: Low voltage losses (GWh) 2013	Old value: 509.8 GWh New value: 524.5 GWh
Page 161	Table 19: Low voltage losses (GWh) 2014	Old value: 509.8 GWh New value: 487.8 GWh
Page 161	Table 19: Low voltage losses (GWh) 2015	Old value: 509.8 GWh New value: 480.9 GWh
Page 162	Table 20: Total losses in % 2012	Old value: none New value: 7.36 %
Page 162	Table 20: Total losses in % 2013	Old value: 11.16 % New value: 7.42 %
Page 162	Table 20: Total losses in % 2014	Old value: 8.67 % New value: 7.47 %
Page 162	Table 20: Total losses in % 2015	Old value: 8.67 % New value: 7.42 %
Page 162	Table 20: Total losses in % 2016	Old value: 6.59 % New value: 7.34 %
Page 163	Table 21: Losses in transmission in % 2010	Old value: deleted
Page 163	Table 21: Losses in transmission in % 2011	Old value: deleted
Page 163	Table 21: Losses in transmission in % 2012	Old value: 2.04 % New value: 1.19 %
Page 163	Table 21: Losses in transmission in % 2013	Old value: 2.94 % New value: 1.38 %
Page 163	Table 21: Losses in transmission in % 2014	Old value: 2.94 % New value: 1.55 %
Page 163	Table 21: Losses in transmission in % 2015	Old value: 2.94 % New value: 1.74 %
Page 163	Table 21: Losses in transmission in % 2016	Old value: 0.64 % New value: 1.65 %

Location	Refers to	Correction
Page 164	Table 22: Losses in distribution in % 2012	Old value: none New value: 6.84 %
Page 164	Table 22: Losses in distribution in % 2013	Old value: 9.30 % New value: 6.77 %
Page 164	Table 22: Losses in distribution in % 2014	Old value: 6.62 % New value: 6.73 %