MAXIMUM DEMAND, AND A USE FOR THE ON-SITE GUIDE

WHICH BOOK DOES MAXIMUM DEMAND SIMPLY?

MAXIMUM DEMAND — WHAT IT ACTUALLY IS

How much current the installation will really draw, as opposed to the sum of everything that could theoretically be switched on at once.

> `Maximum demand and diversity go together. You cannot do one without the other`

It matters for two reasons: it decides the size of the supply, and — on a periodic — it is how you check that years of added circuits have not quietly overloaded the DNO's fuse.

AT LAST, A USE FOR THE ON-SITE GUIDE

> `Maximum demand and diversity are in the On-Site Guide — Appendix A`

They are **not** in BS 7671 and **not** in Guidance Note 3. These are working tables for when you are installing, and the On-Site Guide is the site book.

TABLE	DOES
Table A1	**Assumed current demand** — what a point is taken to draw
Table A2 · pp.151–152	**Diversity** — the allowance applied to get maximum demand
Appendix H	Standard final circuits — the arrangements Table A2 item 9 refers to

The other book that does this properly

is the IET's design guide — expensive, and not needed yet. BS 7671, Guidance Note 3 and the On-Site Guide will carry you a long way first.

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