

1. Record Nr.	UNINA9910135337703321
Titolo	IEEE Guide for the Application of Neutral Grounding in Electrical Utility Systems . Part IV, Distribution // IEEE
Pubbl/distr/stampa	New York, N.Y. : , : IEEE, , 2015
ISBN	0-7381-9486-7
Edizione	[(Revision of IEEE Std C62.92.4-1991).]
Descrizione fisica	1 online resource (ix, 44 pages) : illustrations
Collana	IEEE Std ; ; C62.92.4-2014
Disciplina	621.3
Soggetti	Electric currents - Grounding
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	The neutral grounding of single- and three-phase ac electric-utility primary distribution systems with nominal voltages in the range of 2.4 kV 34.5 kV is addressed. Classes of distribution-systems grounding are defined. Basic considerations in distribution-system grounding concerning economics, control of temporary overvoltages, control of ground-fault currents, and ground relaying are addressed. Also considered is the use of grounding transformers, grounding of high-voltage neutral of wye-delta distribution transformers, and interconnection of primary and secondary neutrals of distribution transformers.