Record Nr. UNINA9910810327603321 Autore Liatkher V. M (Viktor Mikhailovich) Titolo Tidal power: harnessing energy from water currents / / Victor Lyatkher Pubbl/distr/stampa Salem, Massachusetts:,: Scrivener Publishing Hoboken, New Jersey:,: Wiley,, [2014] ©2014 **ISBN** 1-118-72096-2 1-118-72109-8 1-118-72103-9 9781118721032 9781118720912 Descrizione fisica 1 online resource (395 pages): illustrations Disciplina 621.31/2134 Soggetti Tidal power Tidal power-plants Hydraulic turbines Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Marine hydro kinetic- MHK 1 -- Rivers (channels) power plants without a dam -- Low-speed hydro-kinetic turbines -- Large power hydro turbines -- Examples of turbines produced -- Water current powerlooking to the future. Sommario/riassunto As the global supply of conventional energy sources, such as fossil fuels, dwindles and becomes more and more expensive, unconventional and renewable sources of energy, such as power generation from water sources, is becoming more and more important. Hydropower has been around for decades, but this book suggests new methods that are more cost-effective and less intrusive to the environment for creating power sources from rivers, the tides, and other sources of water. The energy available from water currents is

potentially much greater than society's needs. Presenting a detai