1. Record Nr. UNINA9910484173403321 Autore Rabchuk Viktor I. Titolo Control of operation modes of gas consumers in the event of gas supply disruptions / / Viktor I. Rabchuk, Sergey M. Senderov, Sergey V. Vorobev Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2021] ©2021 **ISBN** 3-030-59731-8 Edizione [1st ed. 2021.] Descrizione fisica 1 online resource (X, 70 p. 9 illus., 8 illus. in color.) Disciplina 338.27285 Soggetti Natural gas reserves Gas industry Gas distribution Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Introduction -- Issues Related to the Control of the Operation of Nota di contenuto Various Gas Consumers in the Event of their Gas Supply Disruptions --Control of Operation Modes of Gas Consumers in the Industrial Sector in the Event of their Gas Supply Disruptions -- Control of Operation Modes of Gas-Consuming Facilities in the Electric Power Industry Under Conditions of a Reduction, Termination, and Restoration of Gas Supplies -- Control of Operation Modes of Gas Consumers in the Public Utility Sector Under Conditions of a Reduction, Termination, and Restoration of Gas Supply -- Conclusion. Sommario/riassunto This book is focused on the management of gas consumers, especially in cases of gas supply disruptions. It addresses natural gas consumers from numerous different fields, including those in the industrial sector, the electric power industry, and public utilities. It highlights various ways gas supply can be affected and demonstrates the approaches that can help recovery from reduced, stopped, and restored gas deliveries. The algorithms involved in transitioning gas consumers from normal to emergency operation, and the algorithm for recovering normal

operation after an emergency in the gas supply system is terminated are explored thoroughly. By clearly explaining several approaches, this

book will enable specialists to more effectively manage gas-consuming enterprises in emergency situations associated with gas supply disruption.