



# Lights On!: The Science of Power Generation

*Mark Denny*

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Power generation is a relatively recent concern because humans had little need for sustained power until the dawn of the Industrial Revolution. Today, modern civilization is wholly dependent on the production and distribution of power. Without it, our way of life would be extinguished.

In *Lights On!*, Mark Denny reveals the mysterious world of power generation. He takes us on a fun tour, examining the nature of energy, tracing the history of power generation, explaining the processes from production through transmission to use, and addressing questions that are currently in the headlines, such as: • Is natural gas the best alternative energy source in the near term? • Could solar power be the answer to all our problems? • Why is nuclear power such a hard sell, and are the concerns valid?

Devoting individual chapters to each of the forms of power in use today?electrical, coal, oil and natural gas, hydro, nuclear, and solar?Denny explains the pros and cons of each, their availability worldwide, and which are in dwindling supply. Making clear that his approach is that of "a scientist and engineer, not a politician or businessman," Denny addresses environmental concerns by providing information to help readers understand the science and engineering of power generation so they can discuss contemporary energy issues from an informed perspective. For those who wish to delve deeper into the science, a technical appendix provides estimations for a variety of power generators.

Anyone who is interested in how energy works and how it is transformed to power our lives will get a charge out of *Lights On!*

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Lights On!: The Science of Power Generation can be one of your starter books that are good idea. Many of us recommend that straight away because this guide has good vocabulary that will increase your knowledge in terminology, easy to understand, bit entertaining but nonetheless delivering the information. The article writer giving his/her effort that will put every word into delight arrangement in writing Lights On!: The Science of Power Generation nevertheless doesn't forget the main stage, giving the reader the hottest and also based confirm resource information that maybe you can be one among it. This great information can drawn you into brand-new stage of crucial imagining.

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