The Shocking Story Of Electricity

Describes the history of the discovery of electricity, and explains how electricity works to power many modern appliances and how it is generated.

The Shocking Story of ElectricityUsborne Publishing

Most Americans still do not understand electric utilities, and many consumers have only a vague grasp of the intricacies of regulation and deregulation. This is a paradox of sorts; regulation, in particular, seems easy enough to grasp. The real difficulty lies in understanding how power companies have manipulated the regulators. If you think utility deregulation has done away with electric utility monopolies, think again! Deregulation is a myth-it's business as usual for the power companies. For most of America, utility deregulation has yet to become a reality. Even if it does, electric companies will still swindle those they serve. Why? One reason: deregulation allows the utility giants to retain control of the transmission and distribution of electricity. Utility cheating has gone unchecked for more than a century. Author Joe Seeber has caught the electric companies red-handed, from fudged financials and courtroom trickery to meter manipulation and outright fraud. He paints a compelling portrait of an industry wired for greed-and argues that it's time someone pulled the plug.

Jinkies! What happened to that crocodile? Scooby-Doo and the gang are on a mission to find out what created the creepy crocodile ... and what the local power plant might have to do with it. Join their investigation using the science of electricity to find the shocking truth behind the mutant crocodile!

Prepare to set sail with the craziest crew of pirates on the Seven Seas. Will Charlie get rid of his pesky parrot? Can Molly escape the clutches of the sneaky Captain Spike? And just how will Sam reveal the identity of the Masked Pirate? Come aboard and find out! Part of the Usborne Reading Programme developed with reading experts at the University of Roehampton, specially written for children just starting to read alone. "Irresistible for children learning to read." - Child Education Plus

For the Victorians, electricity was the science of spectacle and of wonder. It provided them with new ways of probing the nature of reality and understanding themselves. Luigi Galvani's discovery of 'animal electricity' at the end of the eighteenth century opened up a whole new world of possibilities, in which electricity could cure sickness, restore sexual potency and even raise the dead. In Shocking Bodies, Iwan Rhys Morus explores how the Victorians thought about electricity, and how they tried to use its intimate and corporeal force to answer fundamental questions about life and death. Some even believed that electricity was life, which brought into question the existence of the soul, and of God, and provided arguments in favour of political radicalism. This is the story of how electricity emerged as a powerful new tool for making sense of our bodies and the world around us.

"Packed with fun experiments, Science in action: Electricity helps young learners

to understand how electricity works"--

With a New Foreword The heartwrenching New York Times bestseller about the only known person born inside a North Korean prison camp to have escaped. North Korea’s political prison camps have existed twice as long as Stalin’s Soviet gulags and twelve times as long as the Nazi concentration camps. No one born and raised in these camps is known to have escaped. No one, that is, except Shin Dong-hyuk. In Escape From Camp 14, Blaine Harden unlocks the secrets of the world’s most repressive totalitarian state through the story of Shin’s shocking imprisonment and his astounding getaway. Shin knew nothing of civilized existence—he saw his mother as a competitor for food, guards raised him to be a snitch, and he witnessed the execution of his mother and brother. The late “Dear Leader” Kim Jong Il was recognized throughout the world, but his country remains sealed as his third son and chosen heir, Kim Jong Eun, consolidates power. Few foreigners are allowed in, and few North Koreans are able to leave. North Korea is hungry, bankrupt, and armed with nuclear weapons. It is also a human rights catastrophe. Between 150,000 and 200,000 people work as slaves in its political prison camps. These camps are clearly visible in satellite photographs, yet North Korea’s government denies they exist. Harden’s harrowing narrative exposes this hidden dystopia, focusing on an extraordinary young man who came of age inside the highest security prison in the highest security state. Escape from Camp 14 offers an unequalled inside account of one of the world’s darkest nations. It is a tale of endurance and courage, survival and hope.

Electricity has shaped the modern world. But how has it affected our health and environment? Over the last 220 years, society has evolved a universal belief that electricity is 'safe' for humanity and the planet. Scientist and journalist Arthur Firstenberg disrupts this conviction by telling the story of electricity in a way it has never been told before--from an environmental point of view--by detailing the effects that this fundamental societal building block has had on our health and our planet. In The Invisible Rainbow, Firstenberg traces the history of electricity from the early eighteenth century to the present, making a compelling case that many environmental problems, as well as the major diseases of industrialized civilization--heart disease, diabetes, and cancer--are related to electrical pollution.

Early Readers Investigate Magnets.

"This is a wonderful book. Frances Ashcroft has a rare gift for making difficult subjects accessible and fascinating." —Bill Bryson, author of At Home: A Short History of Private Life What happens during a heart attack? Can someone really die of fright? What is death, anyway? How does electroshock treatment affect the brain? What is consciousness? The answers to these questions lie in the electrical signals constantly traveling through our bodies, driving our thoughts, our movements, and even the beating of our hearts. The history of how scientists discovered the role of electricity in the human body is a colorful one, filled with extraordinary personalities, fierce debates, and brilliant experiments. Moreover, present-day research on electricity and ion channels has created one of the most exciting fields in science, shedding light on

conditions ranging from diabetes and allergies to cystic fibrosis, migraines, and male infertility. With inimitable wit and a clear, fresh voice, award-winning researcher Frances Ashcroft weaves together compelling real-life stories with the latest scientific findings, giving us a spectacular account of the body electric.

Now a Netflix film starring and directed by Chiwetel Ejiofor, this is a gripping memoir of survival and perseverance about the heroic young inventor who brought electricity to his Malawian village. When a terrible drought struck William Kamkwamba's tiny village in Malawi, his family lost all of the season's crops, leaving them with nothing to eat and nothing to sell. William began to explore science books in his village library, looking for a solution. There, he came up with the idea that would change his family's life forever: he could build a windmill. Made out of scrap metal and old bicycle parts, William's windmill brought electricity to his home and helped his family pump the water they needed to farm the land. Retold for a younger audience, this exciting memoir shows how, even in a desperate situation, one boy's brilliant idea can light up the world. Complete with photographs, illustrations, and an epilogue that will bring readers up to date on William's story, this is the perfect edition to read and share with the whole family.

A NEW YORK TIMES NOTABLE BOOK It is 1901 and Buffalo, New York, stands at the center of the nation's attention as a place of immense wealth and sophistication. The massive hydroelectric power development at nearby Niagara Falls and the grand Pan-American Exposition promise to bring the Great Lakes “city of light” even more repute. Against this rich historical backdrop lives Louisa Barrett, the attractive, articulate headmistress of the Macaulay School for Girls. Protected by its powerful all-male board, “Miss Barrett” is treated as an equal by the men who control the life of the city. Lulled by her unique relationship with these titans of business, Louisa feels secure in her position, until a mysterious death at the power plant triggers a sequence of events that forces her to return to a past she has struggled to conceal, and to question everything and everyone she holds dear. Both observer and participant, Louisa Barrett guides the reader through the culture and conflicts of a time and place where immigrant factory workers and nature conservationists protest violently against industrialists, where presidents broker politics, where wealthy “Negroes” fight for recognition and equality, and where women struggle to thrive in a system that allows them little freedom. Wrought with remarkable depth and intelligence, City of Light remains a work completely of its own era, and of ours as well. A stirring literary accomplishment, Lauren Belfer's first novel marks the debut of a fresh voice for the new millennium and heralds a major publishing event.

Describes man's exploration of the nature of and usage of electricity, from ancient Greece to the present

The bestselling author of E=mc2 weaves tales of romance, divine inspiration, and fraud through an account of the invisible force that permeates our universe—electricity—and introduces us to the virtuoso scientists who plumbed its secrets. For centuries, electricity was seen as little more than a curious property of certain substances that sparked when rubbed. Then, in the 1790s, Alessandro Volta began the scientific investigation that ignited an explosion of knowledge and invention. The force that once seemed inconsequential was revealed to be responsible for everything from the structure of the atom to the functioning of our brains. In harnessing its power, we have

created a world of wonders—complete with roller coasters and radar, computer networks and psychopharmaceuticals. In Electric Universe, the great discoverers come to life in all their brilliance and idiosyncrasy, including the visionary Michael Faraday, who struggled against the prejudices of the British class system, and Samuel Morse, a painter who, before inventing the telegraph, ran for mayor of New York City on a platform of persecuting Catholics. Here too is Alan Turing, whose dream of a marvelous thinking machine—what we know as the computer—was met with indifference, and who ended his life in despair after British authorities forced him to undergo experimental treatments to “cure” his homosexuality. From the frigid waters of the Atlantic to the streets of Hamburg during a World War II firestorm to the interior of the human body, Electric Universe is a mesmerizing journey of discovery.

Suggested experiments studying static electricity and electrical circuits, with easily obtained supplies. Includes historical information and glossary.

The books in this series use cartoon style illustrations and lively narrative text to make key topics in science and geography both accessible and engaging. This approach encourages children to read about and understand even complex ideas. Each book contains an experiment, useful websites and an index.

Soon to be an HBO Max series starring Ray Romano and Cristin Milioti From one of our most exciting and provocative young writers, a poignant, riotously funny story of how far some will go for love—and how far some will go to escape it. Hazel has just moved into a trailer park of senior citizens, with her father and Diane—his extremely lifelike sex doll—as her roommates. Life with Hazel’s father is strained at best, but her only alternative seems even bleaker. She’s just run out on her marriage to Byron Gogol, CEO and founder of Gogol Industries, a monolithic corporation hell-bent on making its products and technologies indispensable in daily life. For over a decade, Hazel put up with being veritably quarantined by Byron in the family compound, her every movement and vital sign tracked. But when he demands to wirelessly connect the two of them via brain chips in a first-ever human “mind-meld,” Hazel decides what was once merely irritating has become unbearable. The world she escapes into is a far cry from the dry and clinical bubble she’s been living in, a world populated with a whole host of deviant oddballs. As Hazel tries to carve out a new life for herself in this uncharted territory, Byron is using the most sophisticated tools at his disposal to find her and bring her home. His threats become more and more sinister, and Hazel is forced to take drastic measures in order to find a home of her own and free herself from Byron’s virtual clutches once and for all. Perceptive and compulsively readable, Made for Love is at once an absurd, raunchy comedy and a dazzling, profound meditation marriage, monogamy, and family.

When an unthinkable nuclear attack occurs in an alternate-reality 1962, Scott is forced into his father's bomb shelter with his family and neighbors, where they rapidly consume limited supplies and fear the worst about the fate of the world outside. By the best-selling author of The Wave.

NEW YORK TIMES BESTSELLER • “A world of invention and skulduggery, populated by the likes of Edison, Westinghouse, and Tesla.”—Erik Larson “A model of superior historical fiction . . . an exciting, sometimes astonishing story.”—The Washington Post From Graham Moore, the Oscar-winning screenwriter of The Imitation Game and New York Times bestselling author of The Sherlockian, comes a thrilling novel—based on

actual events—about the nature of genius, the cost of ambition, and the battle to electrify America. New York, 1888. Gas lamps still flicker in the city streets, but the miracle of electric light is in its infancy. The person who controls the means to turn night into day will make history—and a vast fortune. A young untested lawyer named Paul Cravath, fresh out of Columbia Law School, takes a case that seems impossible to win. Paul's client, George Westinghouse, has been sued by Thomas Edison over a billion-dollar question: Who invented the light bulb and holds the right to power the country? The case affords Paul entry to the heady world of high society—the glittering parties in Gramercy Park mansions, and the more insidious dealings done behind closed doors. The task facing him is beyond daunting. Edison is a wily, dangerous opponent with vast resources at his disposal—private spies, newspapers in his pocket, and the backing of J. P. Morgan himself. Yet this unknown lawyer shares with his famous adversary a compulsion to win at all costs. How will he do it? In obsessive pursuit of victory, Paul crosses paths with Nikola Tesla, an eccentric, brilliant inventor who may hold the key to defeating Edison, and with Agnes Huntington, a beautiful opera singer who proves to be a flawless performer on stage and off. As Paul takes greater and greater risks, he'll find that everyone in his path is playing their own game, and no one is quite who they seem. NAMED ONE OF THE BEST BOOKS OF THE YEAR BY THE WASHINGTON POST AND THE PHILADELPHIA INQUIRER "A satisfying romp . . . Takes place against a backdrop rich with period detail . . . Works wonderfully as an entertainment . . . As it charges forward, the novel leaves no dot unconnected."—Noah Hawley, The New York Times Book Review

Electricity was the scientific fashion of the Enlightenment, 'an Entertainment for Angels, rather than for Men'. By demonstrating their control of the natural world, Enlightenment philosophers hoped to gain authority over society. And their stunning electrical performances provided dramatic evidence of their special powers. Using contemporary illustrations, Patricia Fara vividly portrays how Franklin and his colleagues struggled to understand the strange and exciting effects their experiments were producing.

Describes man's exploration of the nature of and usage of electricity, from ancient Greece to the present.

Horrible Science: Shocking Electricity is packed with sizzling zap-filled facts to electrify every reader. Children can find out about the scientist who gave electric shocks to his eyeballs, that lightning can strike you with heat five times hotter than the sun and much more besides!

What would happen if women suddenly possessed a fierce new power? "The Power is our era's The Handmaid's Tale." --Ron Charles, Washington Post **WINNER OF THE BAILEYS WOMEN'S PRIZE FOR FICTION** One of the New York Times's Ten Best Books of the YearOne of President Obama's favorite reads of the YearA Los Angeles Times Best Book of the Year One of the Washington Post's Ten Best Books of the YearAn NPR Best Book of the Year One of Entertainment Weekly's Ten Best Books of the Year A San Francisco Chronicle Best Book of the YearA Bustle Best Book of the Year A Paste Magazine Best Novel of the YearA New York Times Book Review Editors' ChoiceAn Amazon Best Book of the Year "Alderman's writing is beautiful, and her intelligence seems almost limitless. She also has a pitch-dark sense of humor that she wields perfectly." --Michael Schaub, NPR In THE POWER, the world is a recognizable place: there's a rich Nigerian boy who lounges around the family pool; a foster kid

whose religious parents hide their true nature; an ambitious American politician; a tough London girl from a tricky family. But then a vital new force takes root and flourishes, causing their lives to converge with devastating effect. Teenage girls now have immense physical power--they can cause agonizing pain and even death. And, with this small twist of nature, the world drastically resets. From award-winning author Naomi Alderman, THE POWER is speculative fiction at its most ambitious and provocative, at once taking us on a thrilling journey to an alternate reality, and exposing our own world in bold and surprising ways.

Young, newly-crowned King Leo has some trouble with mythical beasts after he releases a dragon from between the pages of a magical book.

Comical characters explain the basics, including the many forms energy can take. Readers can learn how energy changes from one form to another so that the Sun's energy can end up in a lunch box and eventually in people's muscles. Easy-to-follow diagrams show different ways energy can be harnessed. For a green look at the topic, the pros and cons of each form of energy are outlined, and tips on how to use energy sensibly are included. This high-voltage introduction to energy combines physical science and environmental science with fun.

International superstar Yrsa Sigurdardottir has captivated the attention of readers around the world with her mystery series featuring attorney Thora Gudmundsdottir. Now, Yrsa will stun readers once again with this out-of-this-world ghost story that will leave you shivering. In an isolated village in the Icelandic Westfjords, three friends set to work renovating a rundown house. But soon, they realize they are not as alone as they thought. Something wants them to leave, and it's making its presence felt. Meanwhile, in a town across the fjord, a young doctor investigating the suicide of an elderly woman discovers that she was obsessed with his vanished son. When the two stories collide, the terrifying truth is uncovered. In the vein of John Ajvide Lindqvist, this horrifying thriller, partly based on a true story, is the scariest novel yet from Yrsa Sigurdardottir, who has taken the international crime fiction world by storm. The film rights have been sold to Sigurjon Sighvatsson, a Hollywood-based Icelandic film producer who has produced such films as Brothers and Arlington Road.

Follows the story of Enron from the perspective of the vice president who exposed its illegal practices, tracing how its "anything-goes" culture led to its being hailed a model company and recounting its highly publicized collapse. Reprint.

"This book is a message from autistic people to their parents, friends, teachers, coworkers and doctors showing what life is like on the spectrum. It's also my love letter to autistic people. For too long, we have been forced to navigate a world where all the road signs are written in another language." With a reporter's eye and an insider's perspective, Eric Garcia shows what it's like to be autistic across America. Garcia began writing about autism because he was frustrated by the media's coverage of it; the myths that the disorder is caused by vaccines, the narrow portrayals of autistic people as white men working in Silicon Valley. His own life as an autistic person didn't look anything like that. He is Latino, a graduate of the University of North Carolina, and works as a journalist covering politics in Washington D.C. Garcia realized he needed to put into writing what so many autistic people have been saying for years; autism is a part of their identity, they don't need to be fixed. In We're Not Broken, Garcia uses his own life as a springboard to discuss the social and policy gaps that exist in supporting

those on the spectrum. From education to healthcare, he explores how autistic people wrestle with systems that were not built with them in mind. At the same time, he shares the experiences of all types of autistic people, from those with higher support needs, to autistic people of color, to those in the LGBTQ community. In doing so, Garcia gives his community a platform to articulate their own needs, rather than having others speak for them, which has been the standard for far too long.

The Usborne Young Reading series is designed for young children who are just beginning to read alone and are looking for lively stories to tackle. Each book combines an exciting plot with simple puzzles to guarantee page-turning entertainment. Ages 6+.

Covering such diverse subjects as toilets, bread, Braille, parachutes and jeans, this title explains how, when and why the ingenious inventions which surround us were created, from simple spectacles to complex computers.

This novel of a thirty-year-old epileptic woman and her estranged family is “mesmerizing . . . and unexpectedly tender” (Jim Crace, author of Harvest). Lily O’Connor lives with epilepsy, uncontrollable surges of electricity that leave her in a constant state of edginess. Prickly and practical, she’s learned to make do, to make the most of things, to look after—and out for—herself. Then her mother—whom Lily has not seen for years—dies, and Lily is drawn back into a world she thought she’d long since left behind. Reunited with her brother, a charismatic poker player, Lily pursues her own high-stakes gamble, leaving for London to track down her other, missing brother Mikey. In the pandemonium of the city, Lily’s seizures only intensify. As her journey takes her from her comfort zone, it leads her into the question of what her life is meant to be. “A wry, ingenuous, hugely compassionate heroine.” —The Guardian “A gritty tour of both London and the wrecked neurological pathways of epileptic Lily O’Connor. With equal parts hip misanthropy and sweet, clean-hearted sentiment, Ray Robinson convincingly channels the voice of a woman at war with the material world, for whom language itself arrives as a jarring shock to the brain.” —Jonathan Raymond, author of The Half-Life

The fascinating true tale of electricity's legacy in America charts the gradual progress of this new technology into the homes of Americans at the end of the nineteenth century while exposing the role of "electrotherapy" in American medicine during the same period. Reprint.

A WALL STREET JOURNAL BESTSELLER "If you’re in any kind of leadership role—whether at a company, a non-profit, or somewhere else—there’s a lot you can learn here."—Bill Gates, Gates Notes How could General Electric—perhaps America’s most iconic corporation—suffer such a swift and sudden fall from grace? This is the definitive history of General Electric’s epic decline, as told by the two Wall Street Journal reporters who covered its fall. Since its founding in 1892, GE has been more than just a corporation. For generations, it was job security, a solidly safe investment, and an elite business education for top managers. GE electrified America, powering everything from lightbulbs to turbines, and became fully integrated into the American societal mindset as few companies ever had. And after two decades of leadership under legendary CEO Jack Welch, GE entered the twenty-first century as America’s most valuable corporation. Yet, fewer than two decades later, the GE of old was gone. ?Lights Out examines how Welch’s handpicked successor, Jeff Immelt, tried to fix flaws in Welch’s profit machine, while stumbling headlong into mistakes of his own. In

the end, GE's traditional win-at-all-costs driven culture seemed to lose its direction, which ultimately caused the company's decline on both a personal and organizational scale. Lights Out details how one of America's all-time great companies has been reduced to a cautionary tale for our times.

Historically, it was guns, germs, and steel that determined the fates of people and nations. Now, more than ever, it is electricity. Global demand for power is doubling every two decades, but electricity remains one of the most difficult forms of energy to supply and do so reliably. Today, some three billion people live in places where per-capita electricity use is less than what's used by an average American refrigerator. How we close the colossal gap between the electricity rich and the electricity poor will determine our success in addressing issues like women's rights, inequality, and climate change. In A Question of Power, veteran journalist Robert Bryce tells the human story of electricity, the world's most important form of energy. Through onsite reporting from India, Iceland, Lebanon, Puerto Rico, New York, and Colorado, he shows how our cities, our money--our very lives--depend on reliable flows of electricity. He highlights the factors needed for successful electrification and explains why so many people are still stuck in the dark. With vivid writing and incisive analysis, he powerfully debunks the notion that our energy needs can be met solely with renewables and demonstrates why--if we are serious about addressing climate change--nuclear energy must play a much bigger role. Electricity has fueled a new epoch in the history of civilization. A Question of Power explains how that happened and what it means for our future.

A fresh look at electricity and its powerful role in life on Earth When we think of electricity, we likely imagine the energy humming inside our home appliances or lighting up our electronic devices—or perhaps we envision the lightning-streaked clouds of a stormy sky. But electricity is more than an external source of power, heat, or illumination. Life at its essence is nothing if not electrical. The story of how we came to understand electricity's essential role in all life is rooted in our observations of its influences on the body—influences governed by the body's central nervous system. Spark explains the science of electricity from this fresh, biological perspective. Through vivid tales of scientists and individuals—from Benjamin Franklin to Elon Musk—Timothy Jorgensen shows how our views of electricity and the nervous system evolved in tandem, and how progress in one area enabled advancements in the other. He explains how these developments have allowed us to understand—and replicate—the ways electricity enables the body's essential functions of sight, hearing, touch, and movement itself. Throughout, Jorgensen examines our fascination with electricity and how it can help or harm us. He explores a broad range of topics and events, including the Nobel Prize–winning discoveries of the electron and neuron, the history of experimentation involving electricity's effects on the body, and recent breakthroughs in the use of electricity to treat disease. Filled with gripping adventures in scientific exploration, Spark offers an indispensable look at electricity, how it works, and how it animates our lives from within and without.

Discover untold secrets with this extraordinary memoir of drama and tragedy by Anne Glenconner—a close member of the royal circle and lady-in-waiting to Princess Margaret. Anne Glenconner has been at the center of the royal circle from childhood, when she met and befriended the future Queen Elizabeth II and her sister, the Princess Margaret. Though the firstborn child of the 5th Earl of Leicester, who controlled one of

the largest estates in England, as a daughter she was deemed "the greatest disappointment" and unable to inherit. Since then she has needed all her resilience to survive court life with her sense of humor intact. A unique witness to landmark moments in royal history, Maid of Honor at Queen Elizabeth's coronation, and a lady in waiting to Princess Margaret until her death in 2002, Anne's life has encompassed extraordinary drama and tragedy. In Lady in Waiting, she will share many intimate royal stories from her time as Princess Margaret's closest confidante as well as her own battle for survival: her broken-off first engagement on the basis of her "mad blood"; her 54-year marriage to the volatile, unfaithful Colin Tennant, Lord Glenconner, who left his fortune to a former servant; the death in adulthood of two of her sons; a third son she nursed back from a six-month coma following a horrific motorcycle accident. Through it all, Anne has carried on, traveling the world with the royal family, including visiting the White House, and developing the Caribbean island of Mustique as a safe harbor for the rich and famous-hosting Mick Jagger, David Bowie, Raquel Welch, and many other politicians, aristocrats, and celebrities. With unprecedented insight into the royal family, Lady in Waiting is a witty, candid, dramatic, at times heart-breaking personal story capturing life in a golden cage for a woman with no inheritance. New York Times Bestseller USA Today Bestseller The Sunday Times Bestseller The Globe and Mail Bestseller ABA Indie Bestseller The Times (UK) Memoir of the Year One of Newsweek's Most Anticipated Books of 2020

A popular title from the bestselling Usborne Reading Programme repackaged to offer extra support for English Language learners and teachers. Comes with a CD, which contains full readings of the text and sample phrases by native speakers in both British English and American English, as well as downloadable teacher's notes and worksheets.

May 1991. The location: a quiet, picturesque seaside town. The scene: two bodies in a car filled with carbon monoxide. Police officer Trevor Buchanan and nurse Lesley Howell have apparently taken their own lives, unable to live with the pain of their spouses' affair with each other. The adulterous pair – Sunday school teacher Hazel Buchanan and dentist Colin Howell – had met in the local Baptist Church. Following the apparent double–suicide, they continue their affair secretly before both later remarrying. A series of disasters in Howell's life – the death of his eldest son, massive losses in an investment scam and the revelation that he has been sexually assaulting female patients – lead to him declaring that he is a fraud and a godless man. He tells the elders of his Church that he and Hazel Stewart conspired together to murder their spouses nearly two decades earlier. What follows the dramatic confession are two of the most sensational murder investigations ever seen in Ireland, leading to both Howell's conviction for murder in December 2010, and Stewart's in March 2011 – despite her protestations of innocence.

Describes how electrical energy is generated in power stations and how it travels through pylons, power cables, and wires into people's homes. Includes activity.