**Energy Rules**

**Getting started**

1. A game best played in groups of 3.

2. Every player starts with $1250 in the following amounts
   - 1 x $500
   - 2 x $200
   - 2 x $100
   - 2 x $50
   - 1 x $20
   - 2 x $10
   - 2 x $5

3. One player acts as banker and holds all the spare money.

4. Each player throws the die and the highest score goes first. A player throws again if a six is thrown.

**The rules**

5. A player landing on an unsold property can buy the property and pay the money to the bank.

6. A player landing on a sold property must pay the owner the charge for electricity plus any extras shown on the extras table.

7. Owners of coal power stations can buy additional modifications to reduce their emissions and increase their profits.
   - e.g. Flue gas desulphurization to neutralize acid flue gases - $100
   - Electrostatic precipitators to remove dirt from the smoke - $100

8. A player landing on an environment square must pick up a green environment card and read it out. The player then either pays a fine or collects money from the bank if they own a certain property(s).

9. Players landing directly on the Public Hearing space lose a turn.

10. Players landing directly on the Free space can take a break and relax for a turn.

11. As a player passes the start space they collect $200.

12. Players landing directly on the Green Premium space collect $50 for each renewable they own.

13. A player running out of money may sell properties to the bank. The bank then retains ownership of the property unless another player lands on it and wishes to purchase it.

14. The winner is the player at the end of the game with the most money plus value of property.

**Extras Table**

<table>
<thead>
<tr>
<th>Type of Property</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuclear</td>
<td>$0</td>
<td>$50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coal (no desulphurization or precipitators)</td>
<td>$0</td>
<td>$25</td>
<td>$50</td>
<td>$70</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coal (desulphurization OR precipitators)</td>
<td>$25</td>
<td>$50</td>
<td>$75</td>
<td>$100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coal (desulphurization AND precipitators)</td>
<td>$50</td>
<td>$75</td>
<td>$100</td>
<td>$125</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Renewable</td>
<td>$0</td>
<td>$25</td>
<td>$50</td>
<td>$75</td>
<td>$100</td>
<td>$125</td>
<td>$150</td>
</tr>
</tbody>
</table>

Any player owning a coal power station can buy flue gas desulphurization for $100 and electrostatic precipitators for $100 to cover each property owned.

**Definitions:**

Flue-gas desulfurization (FGD) is a set of technologies used to remove sulfur dioxide (SO₂) from exhaust flue gases of fossil-fuel power plants, and from the emissions of other sulfur oxide emitting processes.
PUBLIC HEARING

Environmental

Windy City Wind Farm
Price $80

Old Faithful Geothermal Power Station
Price $120

Environment

Amazing Biofuels
Price $100

Gnarly Waves
Price $100

Environment

Sunnydale Solar
Price $100

Environment

Tidal Power Station
Price $100

Green Premium
Collect $50.00 for each renewable owned

Collect $200.00 as you pass

START
<table>
<thead>
<tr>
<th>Power Station</th>
<th>Type</th>
<th>Purchase Price</th>
<th>Additional Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brainerd BWR Nuclear Power Plant</td>
<td>Non-RENEWABLE</td>
<td>$250</td>
<td>$125 for electricity</td>
</tr>
<tr>
<td>Proudpoint PWR Nuclear Power Plant</td>
<td>Non-RENEWABLE</td>
<td>$250</td>
<td>$125 for electricity</td>
</tr>
<tr>
<td>Castle Rock Coal-Fired Power Station</td>
<td>Non-RENEWABLE</td>
<td>$200</td>
<td>$100 for electricity</td>
</tr>
<tr>
<td>Bedrock Coal-Fired Power Station</td>
<td>Non-RENEWABLE</td>
<td>$200</td>
<td>$100 for electricity</td>
</tr>
<tr>
<td>Mayberry Coal-Fired Power Station</td>
<td>Non-RENEWABLE</td>
<td>$200</td>
<td>$100 for electricity</td>
</tr>
<tr>
<td>Cabot Cove Coal-Fired Power Station</td>
<td>Non-RENEWABLE</td>
<td>$200</td>
<td>$100 for electricity</td>
</tr>
<tr>
<td>Hogsmart Hydo</td>
<td>RENEWABLE</td>
<td>$150</td>
<td>$75 for electricity</td>
</tr>
<tr>
<td>Amaizing Biofuels</td>
<td>RENEWABLE</td>
<td>$100</td>
<td>$50 consultancy fee</td>
</tr>
<tr>
<td>Gnarly Waves</td>
<td>RENEWABLE</td>
<td>$100</td>
<td>$50 consultancy fee</td>
</tr>
<tr>
<td>RENEWABLE</td>
<td>RENEWABLE</td>
<td>RENEWABLE</td>
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</tr>
<tr>
<td>-----------</td>
<td>-----------</td>
<td>-----------</td>
<td></td>
</tr>
<tr>
<td><strong>Windy City Wind Farm</strong></td>
<td><strong>Old Faithful Geothermal Power Station</strong></td>
<td><strong>Sunnydale Solar</strong></td>
<td></td>
</tr>
<tr>
<td>PURCHASE PRICE $80</td>
<td>PURCHASE PRICE $120</td>
<td>PURCHASE PRICE $100</td>
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</tr>
<tr>
<td>$40 charge for electricity</td>
<td>$60 charge for electricity</td>
<td>$50 consultancy fee</td>
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</tr>
<tr>
<td><strong>Tidal Power Station</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PURCHASE PRICE $100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$50 consultancy fee</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Flue Gas Desulphurisation

Neutralize your acid flue gases that kill plants, pollute rivers and erode ancient buildings.

**PAY $100 FOR EACH**
Coal Power Station you own

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Electrostatic Precipitation

Remove the dirt from your flue gases using static electricity.

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**PAY $100 FOR EACH**
Coal Power Station you own
The government announces a new home improvement scheme to help finance the use of WIND technology.

**RECEIVE $50 IF YOU OWN**

Windy City Wind Farm

It is the World Series between the Boston Red Sox and the St. Louis Cardinals. Demand for electricity shoots through the roof.

**RECEIVE $100 IF YOU OWN**

Hogsmart Hydro

You win a contract to build a series of geothermal power stations in Iceland.

**RECEIVE $50 IF YOU OWN**

Old Faithful Geothermal Power Station

Your Sulphur Dioxide emissions exceed government guidelines.

**PAY $50 FOR EACH**

Coal-Fired Power Station you own

Inflation causes increase in fuel costs.

**PAY $25 FOR EACH**

Utility you own

You have to shut down for routine maintenance.

**PAY $50 FOR EACH**

Utility you own

You are a base load supplier.

**RECEIVE $100 FOR EACH**

Coal or Nuclear Power Station you own

Your Carbon Dioxide emissions exceed government guidelines.

**PAY $50 FOR EACH**

Coal-Fired Power Station you own

You are awarded a green premium for not producing greenhouse gases.

**RECEIVE $50 FOR EACH**

Receive $50 for each Nuclear Power station or Renewable (not biofuels) that you own

Receive $50 if you own Windy City Wind Farm

Receive $100 if you own Hogsmart Hydro

Receive $50 if you own Old Faithful Geothermal Power Station

Pay $50 for each Coal-Fired Power Station you own

Pay $25 for each Utility you own

Pay $50 for each Coal or Nuclear Power Station you own

Pay $50 for each Nuclear Power station or Renewable (not biofuels) that you own
Nuclear spent fuel needs to be stored in dry storage casks on site.

A year of poor weather reduces the output from your solar panels. Sales drop.

A year of lower wind speeds reduces the output from your wind farm. Sales drop.

The government announces a new home improvement scheme to help finance the use of solar technology.

You invest in a sustainable forest project. Wood is harvested at the same rate that it grows. Investor confidence grows.

You are suing the Department of Energy for failing to provide a geological repository for commercial nuclear waste.

The government decides to build a tidal barrage across the Severn Estuary. Shares in Tidal Power Station soar.

Local residents block plans to build a new wind farm because of visual pollution.

The government cancels a contract for wave generators.