



Team ____

Instructions: When your grid is complete, fill in the number of pieces for each type of energy. After the score is calculated by the instructor, fill in your score and rank for each round.

| | Round 1 | Round 2 | Round 3 | Round 4 | Round 5 | Notes |
|------------------|---------|---------|---------|---------|---------|-------|
| Nuclear | | | | | | _____ |
| Coal | | | | | | _____ |
| Coal-Existing | | | | | | _____ |
| Coal-CCS | | | | | | _____ |
| Natural Gas | | | | | | _____ |
| Small Wind | | | | | | _____ |
| Large Wind | | | | | | _____ |
| Small Solar | | | | | | _____ |
| Large Solar | | | | | | _____ |
| Small Efficiency | | | | | | _____ |
| Large Efficiency | | | | | | _____ |
| Score | | | | | | |
| Rank | | | | | | |



Team _____

The **capital cost**, **operating cost**, and **CO₂ emissions** are on each piece. The **CO₂ cost** is set by the instructor on the spreadsheet. The **number of squares** is the area covered by each piece.

| | Capital Cost | Operating Cost x 30 years | CO ₂ Emissions x 30 x CO ₂ Cost | Sum (Cost for piece) | Divide by # of squares | Cost per square |
|------------------|--------------|------------------------------|--|---------------------------|---------------------------|--------------------|
| Nuclear | 2000 | 46 x 30 = 1380 | 0 x 30 x 1 = 0 | 2000 + 1380 + 0 = 3380 | 3380 / 64 = 46 | 53 |
| Coal | | | | | | |
| Coal-Existing | | | | | | |
| Coal-CCS | | | | | | |
| Natural Gas | | | | | | |
| Small Wind | | | | | | |
| Large Wind | | | | | | |
| Small Solar | | | | | | |
| Large Solar | | | | | | |
| Small Efficiency | | | | | | |
| Large Efficiency | | | | | | |
| Score | | | | | | |
| Rank | | | | | | |