EPA GENERATE

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
Nuclear					
Coal					
Coal-Existing					
Coal-CCS					
Natural Gas					
Small Wind					
Large Wind					
Small Solar					
Large Solar					
Small Efficiency					
Large Efficiency					
Score					
Rank					

Notes

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Team ___

The **capital cost**, **operating cost**, and **CO_2 emissions** are on each piece. The **CO_2 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						