EPA GENERATE

DIRECTIONS

1. Fill the grid with energy sources at the lowest total cost.
2. Energy sources must be horizontal and cover the entire grid. They can not go outside the grid. You may use any combination of energy sources.
3. TOTAL COST = (Purchase Cost) + (Annual Cost x 30) + (CO_2 x CO_2 Cost x 30)
4. The 1st round of the game will not have a CO_2 cost, so this will be zero.
5. Now, go GENERATE!

Cut or fold here

COMPLETELY COVER THE GRID WITH ENERGY SOURCES

Cut or fold here

COMPLETELY COVER THE GRID
WITH ENERGY SOURCES

GENERATE! CREDITS INCLUDE ORIGINAL CONCEPT: C. ANDY MILLER; ORIGINAL DESIGN: BERNINE KHAN; GAME DEVELOPER: REBECCA DODDER; OUTREACH COORDINATOR: KELLY LEOVIC; GRAPHIC DESIGN: CAMDEN WATTS, GARY PROHASKA AND DUSTIN RIEGO. WWW.EPA.GOV

Print x2 – Cut on dashed lines

NUCLEAR

2000

0

46

NUCLEAR

2000

0

46

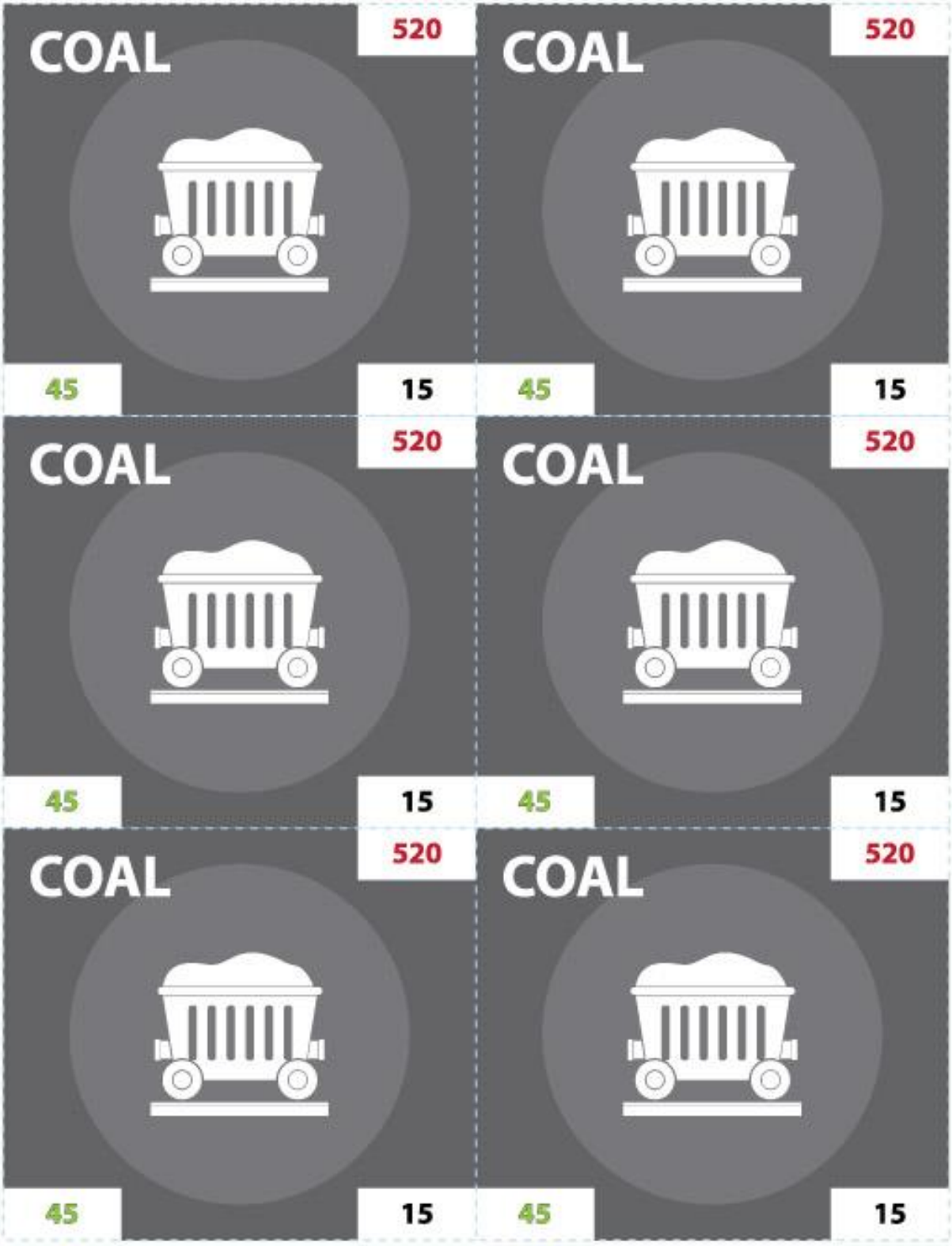
NUCLEAR

2000

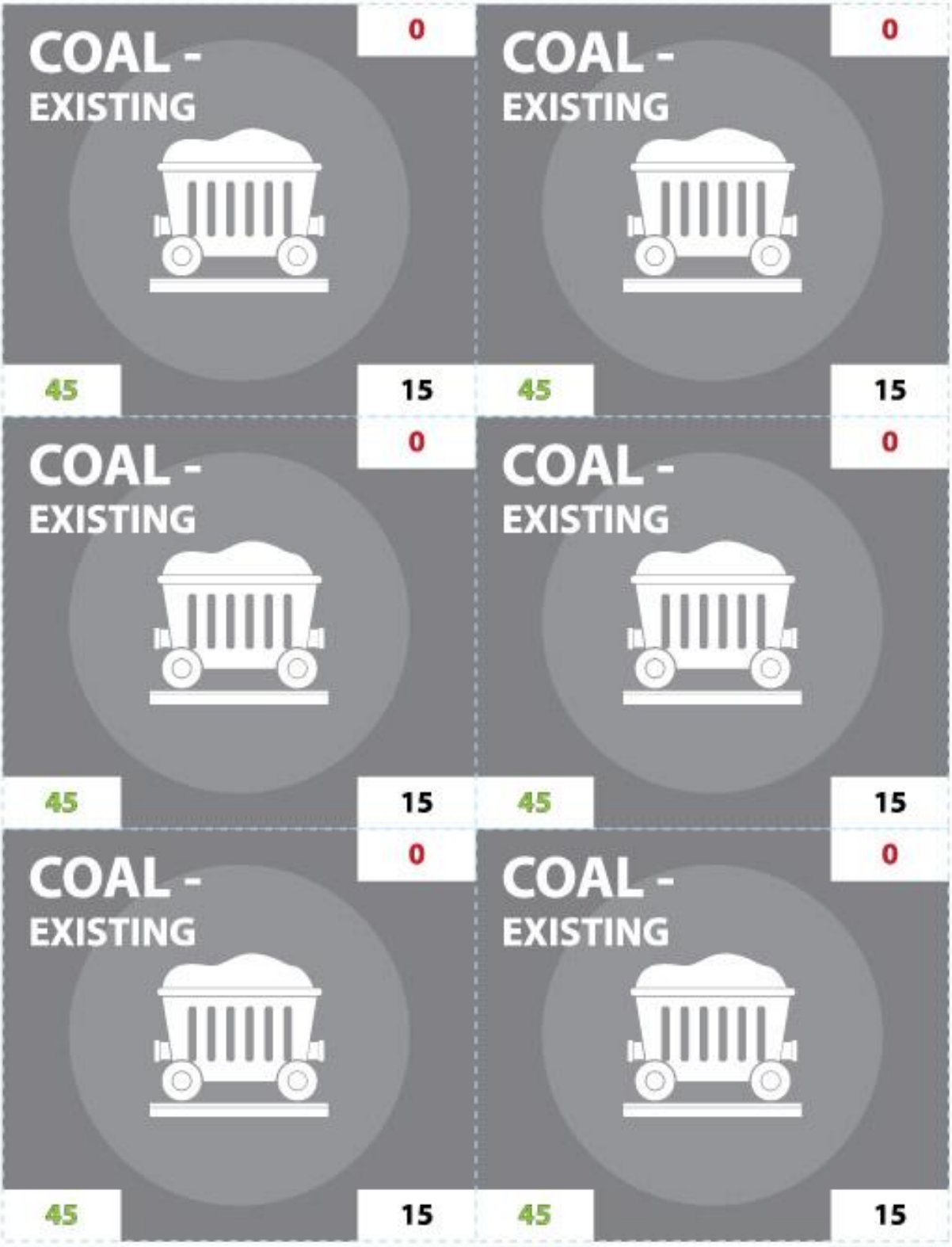
0

46

Print x7 – Cut on dashed lines



Print x4 – Cut on dashed lines



Print x7 – Cut on dashed lines

COAL - CCS

1030

9

30

COAL - CCS

1030

9

30

COAL - CCS

1030

9

30

COAL - CCS

1030

9

30

COAL - CCS

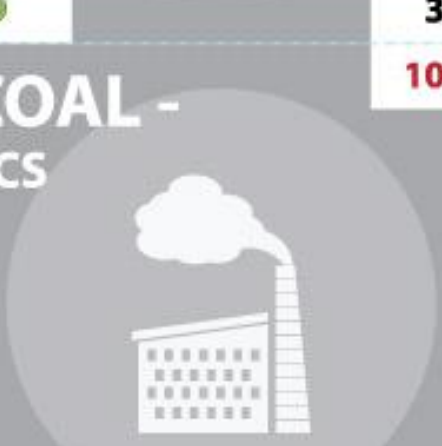
1030

9

30

COAL - CCS

1030



9

30

Print x2 – Cut on dashed lines

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

ENERGY EFFICIENCY - LARGE
80
0
-8

Print x4 – Cut on dashed lines

Print x4 – Cut on dashed lines

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

WIND - LARGE 470
0 10

Print x4 – Cut on dashed lines

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
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SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

SOLAR - LARGE
1530

0
10

Print 1 copy – Cut on dashed lines

WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2
WIND	130	WIND	130	WIND	130	WIND	130
0	2	0	2	0	2	0	2

Print 1 copy – Cut on dashed lines

SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2
SOLAR	420	SOLAR	420	SOLAR	420	SOLAR	420
0	2	0	2	0	2	0	2

Print 1 copy – Cut on dashed lines

EE	20	EE	20	EE	20	EE	20
0	-2	0	-2	0	-2	0	-2
EE	20	EE	20	EE	20	EE	20
0	-2	0	-2	0	-2	0	-2
EE	20	EE	20	EE	20	EE	20
0	-2	0	-2	0	-2	0	-2
EE	20	EE	20	EE	20	EE	20
0	-2	0	-2	0	-2	0	-2
EE	20	EE	20	EE	20	EE	20
0	-2	0	-2	0	-2	0	-2
EE	20	EE	20	EE	20	EE	20
0	-2	0	-2	0	-2	0	-2