



Cap and Trade Game Cards

Power Plant A SO₂ Allowances

Round One:

Total allowances for this plant: 10,000 tons

Actual allowances used: 9,000 tons

Allowances needed for expansion: none

Allowances Available: _____

Selling price of each allowance: _____

Allowances sold: _____

Round Two:

Switch to low sulfur coal: reduction of 300 tons of SO₂

Allowances available: _____

Selling price of each allowance: _____

Allowances sold: _____

Total allowances sold: _____

Amount earned: _____

Power Plant B SO₂ Allowances

Round One:

Total allowances for this plant: 43,000 tons

Actual allowances used: 41,000 tons

Allowances needed for expansion: 500 tons

Allowances Available: _____

Selling price of each allowance: _____

Allowances sold: _____

Round Two:

Change fuel mix: reduction of 500 tons of SO₂

Allowances available: _____

Selling price of each allowance: _____

Allowances sold: _____

Total allowances sold: _____

Amount earned: _____

Power Plant C SO₂ Allowances

Round One:

Total allowances for this plant: 10,000 tons

Actual allowances used: 7,500 tons

Allowances needed for expansion: 2,000 tons

Allowances available: _____

Selling price of each allowance: _____

Allowances sold: _____

Round Two:

Customers conserve energy: reduction of 3,000 tons of SO₂

Allowances available: _____

Selling price of each allowance: _____

Allowances sold: _____

Total allowances sold: _____

Amount earned: _____

Power Plant D SO₂ Allowances

Round One:

Total allowances for this plant: 18,000 tons

Actual allowances used: 16,000 tons

Allowances needed for expansion: 1,000 tons

Allowances available: _____

Selling price of each allowance: _____

Allowances sold: _____

Round Two:

A new scrubber added: reduction of 1,000 tons of SO₂

Allowances available: _____

Selling price of each allowance: _____

Allowances sold: _____

Total allowances sold: _____

Amount earned: _____

Name _____



New Power Plant Score Card Tally of SO₂ Allowances

*5,000 SO₂ allowances are needed, \$3 million is available for purchases

Trade	Power Plant	Number of SO ₂ Allowances Purchased	Price per SO ₂ Allowance	Total Cost of Trade	Running Total of Allowances*	Running Total of Cost*
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						