

Appendix B: Screenshots of computerized environment

Allowance Order Form

Please enter your bid/ask schedule:

You have dollars cash,

allowances in inventory,

and a capacity of .

Bids:

At \$ I will buy units,

at \$ I will buy units more,

at \$ I will buy units more.

I will buy a maximum of units.

Costing a MAXIMUM of dollars.

Asks:

At \$ I will sell units,

at \$ I will sell units more,

at \$ I will sell units more.

I will sell a maximum of units.

DataView Window

Planner | Cost Table | IncomeStatement

Cost Calculator Panel

Capacity:

Emission rate:

Total fixed cost:

If I sell units of output
and if each allowance is worth

then I will emit tons of pollution,
and I must redeem allowances.

EACH unit of output will cost
 dollars for allowances,

dollars in average fixed cost.

My overall average cost per unit of output is
 dollars.

Capacity and ER Panel

Last period's capacity:

Last period's emission rate:

This period's capacity:

This period's emission rate:

Total fixed cost:

Cash Panel

Current cash:

Allowance Market Panel

Allowance price last period:

Market volume last period:

Allowances you sold last period:

Allowance price this period:

Market volume this period:

Allowances you bought this period:

Current allowances inventory:

Allowance endowment per period:

Output Market Panel

Output price last period:

Market volume last period:

Output you sold last period:

Output price this period:

Market volume this period:

Output you sold this period:

Subject 1 Period 1

Please make your allowance market order

Subject: 1 | Period: 1 | Capacity: 4 | Emission Rate: - | Cash: 5000.00 | Allowances: 20 | Cumulative Payoff: \$0.00 lab dollars

Credit Order Form

Please enter your bid/ask schedule:

You have dollars cash,
 credits in inventory,
and a capacity of .

Bids:

At \$ I will buy units,
at \$ I will buy units more,
at \$ I will buy units more.

I will buy a maximum of units.
Costing a MAXIMUM of dollars.

Asks:

At \$ I will sell units,
at \$ I will sell units more,
at \$ I will sell units more.

I will sell a maximum of units.

DataView Window

Planner | Cost Table | IncomeStatement

Cost Calculator Panel

Capacity:

Emission rate:

Total fixed cost:

If I sell units of output
and if each credit is worth
then I will emit tons of pollution,
and I will create credits.

EACH unit of output will cost
 dollars for credits created,
 dollars in average fixed cost.

My overall average cost per unit of output is
 dollars.

Capacity and ER Panel

Last period's capacity:

Last period's emission rate:

This period's capacity:

This period's emission rate:

Total fixed cost:

Cash Panel

Current cash:

Credit Market Panel

Market price last period:

Volume traded last period:

Credits you sold last period:

Market price this period:

Volume traded this period:

Credits you bought this period:

Current Credit inventory:

Performance Standard:

Output Market Panel

Output price last period:

Market volume last period:

Output you sold last period:

Output price this period:

Market volume this period:

Output you sold this period:

Subject 1 Period 1

Please make your credit market order

Subject: 1	Period: 1	Capacity: 4	Emission Rate: -	Cash: 5000.00	Credits: 12	Cumulative Payoff: \$0.00 lab dollars	Performance Std.: 5
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period	subject_no	description	acctname	debitamt	creditamt	balance
1	1	Sold Credits	Cash	192	0	5192
1	1	Sold Credits	Credit Sales	0	192	192
1	1	Sold Credits	Cost of Credit Sales	192	0	192
1	1	Sold Credits	Credit Inventory	0	192	0
1	2	Bought Credits	Credit Inventory	64	0	64
1	2	Bought Credits	Cash	0	64	4936
1	2	Build Capacity	Fixed Plant	255.852	0	255.852
1	2	Build Capacity	Cash	0	255.852	4680.15
1	1	Build Capacity	Fixed Plant	510.091	0	510.091
1	1	Build Capacity	Cash	0	510.091	4681.91
1	1	Sold Output	Cash	640	0	5321.91
1	1	Sold Output	Output Sales	0	640	640
1	1	Sold Output	Materials Expenses	0	0	0
1	1	Sold Output	Cash	0	0	5321.91
1	1	Sold Output	Credit Inventory	192	0	192
1	1	Sold Output	Credits Received	0	192	192
1	1	Depreciate Capacity	Depreciation Expenses	510.091	0	510.091
1	1	Depreciate Capacity	Accumulated Depreciation	0	510.091	-510.091
1	1	Plant fully depreciated	Accumulated Depreciation	510.091	0	0
1	1	Plant fully depreciated	Fixed Plant	0	510.091	0
1	2	Sold Output	Cash	640	0	5320.15
1	2	Sold Output	Output Sales	0	640	640
1	1	Close Output Sales	Output Sales	640	0	0
1	1	Close Output Sales	Net Income	0	640	640
1	1	Close Credit Sales	Credit Sales	192	0	0
1	2	Sold Output	Materials Expenses	0	0	0
1	1	Close Credit Sales	Net Income	0	192	832
1	2	Sold Output	Cash	0	0	5320.15
1	1	Close Credits Received	Credits Received	192	0	0
1	1	Close Credits Received	Net Income	0	192	1024
1	2	Sold Output	Credit Expenses	64	0	64
1	2	Sold Output	Credit Inventory	0	64	0
1	1	Close Materials Expenses	Net Income	0	0	1024
1	1	Close Materials Expenses	Materials Expenses	0	0	0
1	2	Depreciate Capacity	Depreciation Expenses	255.852	0	255.852
1	2	Depreciate Capacity	Accumulated Depreciation	0	255.852	-255.852
1	1	Close Credit Expenses	Net Income	0	0	1024
1	1	Close Credit Expenses	Credit Expenses	0	0	0
1	2	Plant fully depreciated	Accumulated Depreciation	255.852	0	0
1	2	Plant fully depreciated	Fixed Plant	0	255.852	0
1	1	Close Depreciation Expenses	Net Income	510.091	0	513.909