

Decision-making guide

This platform provides corporations, universities, and other educational institutions easy-to-use and cost-effective business simulations in power industry. It includes sales decisions, procurement decisions, financials and risk management. Students are supposed to make decisions on marketing, procurement, finance and risk management according to the different market prospects given in each round as below. Every round students should finish the same process and submit decision data.



1 Home page

onne				
reen			Closest deadline	
			DEADLINE FOR PRACTICE R	ROUND 1
Simpov	ver	Universe 1 Course cope c_8r3SxBHs	Time remaining Deadline by your time Deadline by system time	1082 days 19 hours 3 minutes 2019-10-02 09:21 (UTC) 2019-10-02 12:21 (Europe/Helsinki)
	Rachel Ri 4984 182986 сот оябализилон тие zone сту социтку	ussell utc	Current time YOUR TIME 2015-10-14 14:17 Forums	SYSTEM TIME 2016-10-14 17:17
our instru	ctor		1 NEW MESSAGES ON YOU	UR 0 NEW MESSAGES ON YOUR
our team	members			And a state of the second s
	achel Russell	Not evalable	Quiz	
Jo	hnny Price	Not available	Yo	u don't have quizzes
130	COLD EXPERIE	THE AVERAGE COM		

On home page, there are:

- (1) Player Information
- (2) Email function Use this to easily reach your team members and instructor through emails. An easy to use checkbox allows you to choose which team members you want to reach.
- (3) This panel shows all the important on-going data of the course. On the top you see the main indicators of the last round. Below it, you will find information about round deadlines, forums messages and quizzes.

2 Decision Areas

The Decision Area is split into several theme based sub-categories (e.g. Demand, Production, etc.). Please refer to your decision making manual to determine where the decision making process should begin, and what the suggested order of the process is. Some areas should be filled out first, as the effect of those areas may influence some calculations and estimates elsewhere.

2.1 Market Conditions

The market conditions are given for each round and they give you an indication of the future market developments. Presented here, are the market outlooks and estimates of future costs, tax rates, etc. The market conditions will always be complemented with a "Parameters" page that will contain information as interests, fuel prices, purchases, variable costs, etc.



2.2 Sales Decisions

2.2.1 Large Scale Industry

In the large scale industry page you make marketing decisions concerning this segment. You can set the price either as an absolute price or as a margin over the market price. You can check the actual market price that was realized during that round from Market report-page under Results. You can only use one pricing method the absolute price or the margin price. If you want to change the pricing systems insert zero to both cells and then set the new price. You will also insert the marketing budgets and sales estimates.

	ļ				
		HOME	ECISIONS RESULTS	SCHEDULE TEAMS R	READINGS FORUMS
		MARKET CONDITION	NS SALES PROCUREMENT	RISK MANAGEMENT FINANC	IALS DECISION CHECKLIS
					Large Other Heat
You are on Rachel Russell's	decision area.	None of your team memb team	ters have copied decisions as decisions.	Time remaining. Your team members	1082 days
SH 9757 57	and the second se				
Short (1 year)	This year	Last year	Long (2 years)	This year	Last year
Short (1 year) Pricing methods:	This year	Last year	Long (2 years) Pricing methods:	This year	Last year
Short (1 year) Pricing methods: Fixed price	This year 46.39	Last year €/MWh	Long (2 years) Pricing methods: Fixed price	This year 46.86	Last year €/MWh
Short (1 year) Pricing methods: Fixed price Or	This year 46.39	Last year €/MWh	Long (2 years) Pricing methods: Fixed price Or	This year 46.86	Last year €/MWh
Short (1 year) Pricing methods: Fixed price Or Margin (Spot price+)	This year 46.39 0.00	Last year €/MWh 1.00€/MWh	Long (2 years) Pricing methods: Fixed price Or Margin (Spot price+)	This year 46.86 0.00	Last year €/MWh 1.00€/MWh
Short (1 year) Pricing methods: Fixed price Or Margin (Spot price+) Sales (estimate)	This year 46.39 0.00 541	Last year €/MWh 1.00€/MWh 573 GWh	Long (2 years) Pricing methods: Fixed price Or Margin (Spot price+) Sales per year (estimate)	This year 46.86 0.00	€/MWh 1.00€/MWh 574 GWh
Short (1 year) Pricing methods: Fixed price Or Margin (Spot price+) Sales (estimate) Tumover	This year 46.39 0.00 541 25 097	Last year €/MWh 1.00€/MWh 573 GWh 27 184 k€	Long (2 years) Pricing methods: Fixed price Or Margin (Spot price+) Sales per year (estimate) Turnover	This year 46.86 0.00 541 25 351	€/MWh €/MWh 1.00€/MWh 574 GWh 27 199 k€
Short (1 year) Pricing methods: Fixed price Or Margin (Spot price+) Sales (estimate) Turnover Variable costs	This year 46.39 0.00 541 25 097 25 063	Last year €/MWh 1.00€/MWh 573 GWh 27 184 k€ 26 611 k€	Long (2 years) Pricing methods: Fixed price Or Margin (Spot price+) Sales per year (estimate) Turnover Variable costs	This year 46.86 0.00 541 25 351 25 307	€ / MWh 1.00 € / MWh 574 GWh 27 199 k € 26 625 k €
Short (1 year) Pricing methods: Fixed price Or Margin (Spot price+) Sales (estimate) Turnover Variable costs Gross profit	This year 46.39 0.00 541 25 097 25 063 34	Last year €/MWh 1.00€/MWh 573 GWh 27 184 k€ 26 611 k€ 573 k€	Long (2 years) Pricing methods: Fixed price Or Margin (Spot price+) Sales per year (estimate) Turnover Variable costs Gross profit	This year 46.86 0.00 541 25 351 25 307 44	€ / MWh 1.00 € / MWh 574 GWh 27 199 k € 26 625 k € 574 k €
Short (1 year) Pricing methods: Fixed price Or Margin (Spot price+) Sales (estimate) Turnover Variable costs Gross profit Personal selling	This year 46.39 0.00 541 25 097 25 063 34 350	Last year €/MWh 1.00€/MWh 573 GWh 27 184 k€ 26 611 k€ 573 k€ 350 k€	Long (2 years) Pricing methods: Fixed price Or Margin (Spot price+) Sales per year (estimate) Turnover Variable costs Gross profit	This year 46.86 0.00 541 25 351 25 307 44	€ / MWh 1.00 € / MWh 574 GWh 27 199 k € 26 625 k € 574 k €
Short (1 year) Pricing methods: Fixed price Or Margin (Spot price+) Sales (estimate) Turnover Variable costs Gross profit Personal selling Advertising	This year 46.39 0.00 541 25 097 25 063 34 350 100	Last year €/MWh 1.00€/MWh 573 GWh 27 184 k€ 26 611 k€ 573 k€ 350 k€ 100 k€	Long (2 years) Pricing methods: Fixed price Or Margin (Spot price+) Sales per year (estimate) Turnover Variable costs Gross profit Personal selling	This year 46.86 0.00 541 25 351 25 307 44	€ / MWh € / MWh 1.00 € / MWh 574 GWh 27 199 k € 26 625 k € 574 k € 450 k €

2.2.2 Other Segments

"Other Segments" -page contains pricing, advertising budget and personal selling budget decisions for four segments (new segment might not be available). You also set the sales estimates for these segments.

		Junine 6	Management	The sea in the sea of	in the second
		MARKET CONDITIO	INS SALES PROCUREMENT	RISK MANAGEMENT FINANO	CIALS DECISION CHECKLI
					Large Other Heat
You are on Rachel Russel	l's decision area.	None of your team mem team	bers have copied decisions as decisions.	Time remaining: Your team members	1082 days
Other segments					
nousenoids	This year	Last year	New segment	This year	Last year
Price	51.30	51.30 € / MWh	Price	1000	0.00 € / MWh
Sales (estimate)	497	627 GWh	Sales (estimate)	0	0 GWh
Turnover	25 496	32 181 k€	Turnover	0	0 k €
Variable costs	23 047	29 140 k€	Variable costs	0	0 k €
Gross profit	2 449	3 041 k€	Gross profit	0	0 k €
Personal selling	300	300 k €	Personal selling	SS	0 k €
Advertising	450	450 k €	Advertising	210	0 k €
Product -level profit	1 699	2 291 k€	Product -level profit	-250	0 k.€
Electric heating	This year	Last year	Small-scale industry	This year	Last year
Price	50.30	50.30 € / MWh	Price	49.30	49.30 €/MWh
Sales (estimate)	439	523 GWh	Sales (estimate)	969	1089 GWh
Turnover	22 082	26 307 k€	Turnover	47 772	53 664 k €
Variable costs	20 456	24 389 k€	Variable costs	44 921	50 551 k€
Gross profit	1 625	1918 k€	Gross profit	2 851	3 113 k€
oroas prom					1000

2.2.3 District Heat

"District Heat" -page summarizes the sales of district heat. Here you can check if you are fulfilling the demand. You will also see the expected income. Remember that the demand figures are only good estimates and are subject to various weather conditions.

		and the second s		
	MARKET CONDITIONS	SALES PROCUREMENT	RISK MANAGEMENT FINAM	ICIALS DECISION CHECI
				Large Other He
You are on Rachel Russell's decision area.	None of your team members team dec	s have copied decisions as disions.	Time remaining: Your team members:	1082 day
Color of district boot				
Sales of district heat				
		This year	Last year	
Demand				
Summer		80.00	76.80	GWh
Winter		200.00	216.00	GWb
				GWI
Sales				
Sales Summer		80.00	76.80	GWh
Sales Summer Winter		80.00 200.00	76.80	GWh GWh
Sales Summer Winter Total sales of district heat		80.00 200.00 280.00	76.80 200.00 276.80	GWh GWh GWh
Sales Summer Winter Total sales of district heat Price of district heat,€ / MWh		80.00 200.00 280.00 11.43	76.80 200.00 276.80 11.10	GWh GWh GWh GWh k€/GWh
Sales Summer Winter Total sales of district heat Price of district heat€/ MWh Net sales from district heat		80.00 200.00 280.00 11.43	76.80 200.00 275.80 11.10	GWh GWh GWh k€/GWh
Sales Summer Winter Total sales of district heat Price of district heat Net sales from district heat Summer		80.00 200.00 280.00 11.43 915	76.80 200.00 276.80 11.10 852	GWh GWh GWh k€/GWh k€
Sales Summer Winter Total sales of district heat Price of district heat€/ MWh Net sales from district heat Summer Winter		80.00 200.00 280.00 11.43 915 2 287	76.80 200.00 276.80 11.10 852 2.220	GWh GWh GWh k€/GWh k€ k€

2.3 Procurement Decisions

2.3.1 Own Production

On Own production-page you decide steering prices and investments on production. Steering price decisions are made for both types of plants and for both summer and winter. These prices will be used to decide whether you produce by yourself or buy all the electricity from the market. In investment decisions you decide the number of plants you want to build and how much you are going to use on improvements. Improvements decrease the variable costs. You can also make plant sales/acquisitions if they are allowed.

SimPower			P			
		HOME D	ECISIONS RESULTS	SCHEDULE TEAMS	READ	INGS FORUM
		MARKET CONDITIO	INS SALES PROCUREMEN	RISK MANAGEMENT FIN	ANCIALS	DECISION CHECK
			Own ;	roduction Purchases	Electricit	y exchange Eok
You are on Rachel Russell's decision area	e. No	ne of your team mem	bers have copied decisions as	Time remaining:		1082 days
		24045.0	CARRON	rout learn memores		
Plants information						
rianto information						
					and the second se	-
Coal	This year	Last year	Natural gas	This	s year L	ast year
Number	2	2 plants	Number		2	2 plants
Capacity	1 000	1 000 GWh	Capacity		500	500 GWh
New capacity for next year	0	0 GWh	New capacity for next year	ar	0	0 GWh
Electricity production			Electricity production			
Summer	500.00	500.00 GWh	Summer	2	250.00	250.00 GWh
Winter	500.00	500.00 GWh	Winter	2	250.00	250.00 GWh
Variable costs on electricity	20.00	17.26 € / MWh	Variable costs on electri	city	19.22	18.31 € / MWh
District heat production		3	District heat production			0
District heat production capacity	0	0 GWh	District heat production (apacity	400	400 GWh
Summer	0	0 GWh	Summer		200	200 GWh
Winter	0	0 GWh	Winter		200	200 GWh
New heat capacity for next year	0	0 GWh	New heat capacity for ne	xt year	0	0 GWh
CO2 allowances needed (tons)	800 008		CO2 allowances peede	1(tops) 45	50.000	
Free CO2 allowances (tons)	680 000		Eros CO2 allowances (Heede	((0)(3) 10	27 500	
Additional allowances needed (tons)	120 000		Additional allowances (II	nis) 12	000	
manage an an an an and a stand of the state			Additional allowances n	reded (tons) 2	22 500	

2.3.2 Carbon Emissions Trade

Coal and natural gas fired power plants emit CO2 for which the companies need to have allowances or permits. The government may give part of the allowances free of charge, but the companies need to purchase the rest of the allowances they need at CO2 allowance market price. Coal plants emit more CO2 per MWh than natural gas plants, and thus need more CO2 allowances.

🚺 cesim							
SimPower		HOME	DECISIONS	RESULTS SCH	EDULE TEAN	IS READINGS	FORUM
		MARKET CONDITI	ONS SALES	PROCUREMENT RIS	K MANAGEMENT	FINANCIALS DEC	SION CHECK
				Own product	Purchase	s Electricity exch	hange Eole
You are on Rachel Russell's der	dsion area.	None of your team men team	nbers have copied n decisions.	i decisions as Time Your	e remaining: team members:		1082 days
Contract purchases							۲
Contract purchases short	Summer	Winter	Contract p	urchases long	Summer	Winter	
Amount	0	0 GWh	Amount per	year		0	0 GWh
Amount [45.09	0 GWh 46.58 € / MW	Amount per h Price	year	46	0 90 4	0 GWh 7.85€/MW
Amount Price Contract purchases of elect	0 45.09 tricity GWh	0 GWh 46.58 € / MW	Amount per	year This ye	46 sar	0 90 4 Last ye	0 GWh 7.85€/MW
Amount Price Contract purchases of elect	0 45.09 tricity GWh	0 GWh 46.58 € / MW	Amount per	year This yo SUMMER	46 sar WINTER	0 4 90 4 Last ye SUMMER	0 GWh 7.85 €/MW ar WINTER
Amount Price Contract purchases of elect One year contracts	0 45.09 tricity GWh	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER	46 sar winter	0 4 90 4 Last ye SUMMER	0 GWh 7,85 €/MW ar WINTER
Amount Price Contract purchases of elect One year contracts Agreed purchase amount	0 45.09 tricity GWh	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER 0	46 sar WINTER 0	0 4 90 4 Last ye SUMMER 0	0 GWh 7.85 € / MW
Amount Price Contract purchases of elect One year contracts Agreed purchase amount Price, € / MWh	0 45.09 tricity GWh	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER 0 45.09	46 sar WINTER 0 46.58	0	0 GWh 7.85 € / MW er WINTER 45.5
Amount Price Contract purchases of elect One year contracts Agreed purchase amount Price, € / MWh Two year contracts	0 45.09 tricity GWh	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER 0 45.09	46 winter 0 46.58	0 90 4 Last ye SUMMER 0 44.34	0 GWh 7.85 € / MW ar WINTER 45.5
Amount Price Contract purchases of elect One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year	0 45.09 tricity GWh	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER 0 45.09	46 sar WINTER 0 46.58	0 90 4 Last ye SUMMER 0 44.34	0 GWh 7.85 € / MWi ar winter 45.5
Amount Price Contract purchases of elect One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year Agreed purchase amount	0 45.09	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER 0 45.09 0	46 winter 0 46.58	0 90 4 Last ye SUMMER 0 44.34 0	0 GWh 7.85€/MWI ar WINTER 45.5
Amount Price Contract purchases of elect One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year Agreed purchase amount Price, € / MWh	0 45.09	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER 0 45.09 0 45.05	46 winter 0 46.58 0 46.85	0 90 4 Last ye SUMMER 0 44.34 0 35.98	0 GWh 7.85€/MWI ar WINTER 45.5 36.7
Amount Price Contract purchases of elect One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year Agreed purchase amount Price, € / MWh Contracts from this year	0 45.09 tricity GWh	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER 0 45.09 0 46.06	46 winter 0 46.58 0 46.86	0 90 4 Last ye SUMMER 0 44.34 0 35.98	0 GWh 77.85 € / MWi ar WINTER 45.5 36.7
Amount Price Contract purchases of elect One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year Agreed purchase amount Price, € / MWh Contracts from this year Agreed purchase amount	0 45.09	0 GWh 46.58 € / MW	Amount per	year This ye SUMMER 0 45.09 0 45.06 0	ear WINTER 0 46.58 0 46.85 0	0 90 4 Last ye SUMMER 0 44.34 0 35.98 0	0 GWh 77.85 € / MWi er WINTER 45.55 36.71

2.3.3 Purchases

On the Purchases-page you decide on additional purchases from other wholesalers, both for the summer and for the winter. You can also make two-year contracts. If you make a two-year contract you are delivered the agreed amount both this year and the next year with the price indicated this year. Purchases-page also has information on all the purchase contracts that are in effect and on the amount purchased from the electricity market. The amount purchased from the market is the amount not covered by own production and contract purchases.

			110480					
			HUME DE	CISIONS RESULT	S SCHE	DULE TEAM	IS READINGS	FORUM
		MA	RIVET CONDITION	IS SALES PROCURE	MENT RISK	MANAGEMENT	FINANCIALS DEC	CISION CHECKL
				0	wn productie	Purchase	s Electricity exc	hange Eolo
You are on Rachel Russell's	s decision area.	None of	your team memb	ers have copied decision fecisions.	s as Time Your t	remaining: eam members:		1082 days
Contract purchase	es							7
C				Contractor		Contraction of the	Mindae	
contract purchases short	t summer	winte		Contract purchase	es long	summer	winter	
Amount		0	0 GWh	Amount per year			0	0 GWh
Price	45.0	19	46 E0 6 / MM/h	Dates				
			40.00 C/ MYIII	Price		46	.90 4	47.85 € / MWh
Contract purchases of ele	lectricity GWh		40.00 C / MVIII	Price	This ye	46 ar	.90 4 Last ye	47.85 € / MWh
Contract purchases of el	lectricity GWh		40.50 €714911	SUN	This yea	ar WINTER	90 4 Last ye SUMMER	47.85€/MWh sar WINTER
Contract purchases of el	lectricity GWh		40.50 €714911	SUR	This ye	ar WINTER	Last ye	47.85€/MWh sar WINTER
Contract purchases of el One year contracts Agreed purchase amount	lectricity GWh		40.50 €718411	SUM	This yea AMER 0	ar WINTER 0	90 4 Last ye SUMMER 0	47.85 € / MWH sar WINTER
Contract purchases of el One year contracts Agreed purchase amount Price, € / IIWh	lectricity GWh		40.50 €718411	SUN	This yea AMER 0 45.09	46 winter 0 46.58	90 4 Last yc SUMMER 0 44.34	47.85 € / MWh ear WINTER (45.5
Contract purchases of el One year contracts Agreed purchase amount Price, € / MWh Two year contracts	lectricity GWh		40.50 €718411	SUN	This yea AMER 0 45.09	46 winter 0 46.58	90 4 Last yc SUMMER 0 44.34	47.85€/MWH sar WINTER (45.5:
Contract purchases of el One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year	lectricity GWh		40.50 - 7 10 - 11	SU	This ye MMER 0 45.09	46 winter 0 46.58	90 4 Lastyc SUMMER 0 44.34	47.85€/MWH
Contract purchases of el One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year Agreed purchase amount	lectricity GWh		40.30 C 7 MAN	SU	This ye MMER 0 45.09 0	46 winter 0 46.58 0	90 4 Last ye SUMMER 0 44.34 0	47.85€/MWH sar WINTER (45.5:
Contract purchases of el One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year Agreed purchase amount Price, € / MWh	lectricity GWh		40.30 C 7 MAN	SU	This yes MMER 0 45.09 0 46.06	46 winiter 0 46.58 0 46.86	90 4 Last ye SUMMER 0 44.34 0 35.98	47.85 € / MWH sar WINTER (45.5) (36.7(
Contract purchases of el One year contracts Agreed purchase amount Price, & / MWh Two year contracts Contracts from last year Agreed purchase amount Price, & / MWh Contracts from this year	lectricity GWh		40.00 C / MANU	SU	This yes MMER 0 45.09 0 46.06	46 winter 0 46.58 0 46.86	90 4 Last ye SUMMER 0 44.34 0 35.98	47.85 € / MWH sar WINTER (45.5) (36.7)
Contract purchases of el One year contracts Agreed purchase amount Price, € / MWh Two year contracts Contracts from last year Agreed purchase amount Price, € / MWh Contracts from this year Agreed purchase amount	lectricity GWh		40.50 C 7 MWH	SUR	This ye. AMER 0 45.09 0 46.06	46 winiter 0 46.58 0 46.86 0	90 4 Last yc SUMMER 0 44.34 0 35.98 0	47.85 € / MWH sar WINTER (45.5) (36.7)

2.3.4 Electricity Market

Electricity market-page shows you the amount of electricity you are about to buy from/sell to the electricity market, according to current decisions and estimates.

	HOME	DECISIONS	RESULTS	SCHEDULE	TEAMS	READINGS	FORUM
	MARKET CON	DITIONS SALES	PROCUREMENT	RISK MANAGE	EMENT FINAN	ICIALS DECISI	ON CHECK
			Own p	roduction Purc	chases Elec	ctr <mark>icity exchan</mark>	ge Eo
You are on Rachel Russell's decision area.	None of your team	members have cop	ied decisions as	Time remaining	0		1082 days
Electricity exchange market							
Electricity exchange market							
Electricity exchange market Electricity sale to/ purchase from the e	xchange market, net	t volume			This year	Last year	_
Electricity exchange market Electricity sale to' purchase from the e	xchange market, net	t volume			This year	Last year	
Electricity exchange market Electricity sale to/ purchase from the e Summer	xchange market, net	t volume	_		This year ESTIMATE)	Last year	
Electricity exchange market Electricity sale to/ purchase from the ex Summer Sales (+) Purchases (-)	xchange market, net	t volume	_		This year ESTIMATE) -846	Last year -1 017	GWh
Electricity exchange market Electricity sale to/ purchase from the ex Summer Sales (+) Purchases (-) Exchange spot price	xchange market, net	t volume			This year ESTIMATE) -846 45.55	Last year -1 017 45.79	GWh €/MWh
Electricity exchange market Electricity sale to/ purchase from the ex Summer Sales (+) Purchases (-) Exchange spot price Winter	xchange market, net	: volume	-		This year ESTIMATE) -846 45.55	Last year -1 017 45.79	GWh €/MWh
Electricity exchange market Electricity sale to/ purchase from the ex Summer Sales (+) Purchases (-) Exchange spot price Winter Sales (+) Purchases (-)	xchange market, net	t volume	-		This year ESTIMATE) -846 45.55 -1.215	Last year -1 017 45.79 -1 445	GWh €/MWh GWh

2.3.5 Eolic (Wind Power)

All of the wind power related decisions are made on the Eolic-page i.e. the marketing decisions are made separate from other customer segments. You decide whether to invest into more wind power

by deciding to acquire wind parks or sell them - provided that you already have built them. You can also decide wind power price, advertising and personal selling levels. Moreover, the sales estimation for eolic power is made here. Furthermore, it should be noted that the wind power exchange is separate from the general electricity market.

Simpower can be played with or without the eolic module. It is up to the instructor whether to include it or not.

Cesim SimPower					
		HOME DE	CISIONS RESULTS SCHEDULE	TEAMS READ	INGS FORUMS
	107	ARKET CONDITION	IS SALES PROCUREMENT RISK MANAG	EMENT FINANCIALS	DECISION CHECKL
			Our and other 1	Luchanas Flashiak	Eally
			Contraction -	urchases creation	v exchange conc
You are on Rachel Russell's decision area.	None of	f your team memb	ers have copied decisions as Time remaining	na	1082 days
Eolic	his year L	ast year	Sales	This year	Last year
Number of parks owned	2	2 parks	Price	56.00	56.00 € / MW
Capacity	75	75 GWh	Sales	42	42 GWh
Summer	38	38 GWh	Turnover	2 352	2 357 k€
Winter	38	38 GWh	Personal selling	50	50 k€
Park(s) + acquisitions / - sales	0	0 parks	Advertising	500	500 k€
Price	20.00	20.00 M €	For a straight of the straight		
Corresponding depreciation	2 000	2 000 k €	Eolic exchange spot price	55.00	EE OO E / MM
			Winter	55.00	55.00 € / MW
4,917	4,917	79	·····	55.00	55.00 ET MIT
3.934		63	Revenue from Eolic exchange market	1 815	1810 k€
2,950		47	Revenue from green certificates	750	750 k€
1,967		32	Total revenue	4917	4917 k€
983		16	Costs of Eolic park(s)	490	485 k€
		10	Purchases from eolic power market	-0	0 k€
This year	Last year	0	Marketing expenses	550	550 k€

2.4 Financials

From the "Cash Flow Statement", the management group can follow the cash flow from operations, cash spent on investments, and changes in the company's cash position. Here you make the decisions for the change in the long-term loan. You can either pay it off by putting in a negative figure or take some more by inserting a positive figure. In addition to the cash flow statement, you will find some key financial indicators in this section.

Related financial statements can be found at the bottom page in a separate menu along with other reports.

Cesim						
	HC	ME DI	ECISIONS RESULTS	SCHEDULE TEAM	MS READING	GS FORUMS
	MARKET	CONDITION	NS SALES PROCUREMENT	RISK MANAGEMENT	FINANCIALS	DECISION CHECKLI
You are on Rachel Russell's decision area.	None of your	taam memb team i	ers have copied decisions as decisions.	Time remaining Your learn members		1082 days
Cash flow statement						
Cash flow budgeting	This year	Last year	Financing		This year	Last
Cash Flow From Operations			Family			year
Operating profit before depreciation	29 090	34 801	Equity	shores [0 kupita
Net financing expenses	-2 377	-2 937	Shara is such whack price	shares	9.30	20.00 €
Income taxes paid	-4 724	-6 140	Draceade from anulty inc		0.30	20.00 €
Changes in working capital			Number of charge	ue	10.000	10.000 k unite
Decrease (+)/increase (-) in trade receivables	3 522	-2 411	Face value of shares		5.00	5006
Decrease (-)/Increase (+) in interest-free liabilities	58	2	Dividend navout (ner sha	re3	0.00	0.00 €
Net cash flow from operations	25 569	23 315	Dividente payour (per ana		0.00	0.00 €
			Market value of share (es	timate)	30.00	8.30 €
Investments						
Coal plants	-0	0	Company market capitali	sation	300 000	83 015 k€
Natural gas plants	-0	0	Loans			
Eolic plants	-0	0	Change in long-term loar	is T	0	0 k €
Net cash flow from investments	0	0	Long-term loans	e L	141 600	141 600 k€
Financing (Increase +/Decrease -)					.41000	
Long-term liabilities	0	0	Key indicators			
Short-term liabilities	0	0	Sales margin		30.8	30.6 %
Dividend naument	-0	-0	Operating margin		16.1	17.2 %

2.5 Risk Management

"Electricity futures" -page allows you to trade electricity futures. Sales contracts are inserted as positive figures and purchase contracts as negative figures. Here you see also trading reports from this and last year. On the right-hand side of the page, you can see the open position section. In open position section of the page, you can see how much of your activity in the electricity market is covered with futures. In top of the section you have your open position for both summer and winter. These figures show the difference of amounts traded in the electricity market and the futures market. To minimize the risks involved with market price you should try to make the absolute difference as small as possible i.e. as close to zero as possible. In the bottom part, you have your open position broken apart so that you can see how it is formed.

	5 Power					1	
		HOME	DECISIONS	RESULTS SCHED	JLE TEAMS	READINGS	ORUMS
		MARKET CON	IOMONS SALES P	ROCUREMENT RISK M	ANAGEMENT FI	NANCIALS DECISION	CHECKL
You are on Rache	el Russell's decision area.	None of your team	members have copied team decisions.	decisions as Time rei Your tea	naining: m members	III III III	82 days
Electricity f	utures						
Electricity future	s	0	Futures po	sition			
Sales + / purchases	s -						
Yr1 summer		0 GWh	Yr1 summer			0	.00 k€
	45.55	€/MWh	Yr1 winter			0.	.00 k€
Yr1 winter		0 GWh	Yr1			0	.00 k€
	47.05	€/MWh	Yr2 (1)			0	.00 k€
Yr1		0 GWh	Yr2 (2)			0	.00 k€
	46.30	€/MWh	Security requ	irement on position		-0	.00 k€
Yr2	47.26	€/MWh	Total securit	y requirement		0.	.00 k€
C		_	Th	s year	La	st year	
Composition of c	open position		Sales	PURCHASES	SALES	PURCHASES	
Market electricity							
Summer			0.00	845.80	0.00	1 016.71	GWh
Winter			0.00	1 214.85	0.00	1 444.64	GWh
Effect of spot price	e based contracts on oper	position					
Sales from contract	ts made last year		573.65		575.42		GWh
Contracts this year			0.00		F70.04		COLUMN
Large-scale indust	try shoft		0.00		573.34		GWh
Large-scale indust	try long		0.00		573.65		GWh
Electricity futures							

2.6Decision Checklist

Cesim simulations offer the user an innovative decision making area, through which the team members have a high level of control over the decision making process. The "Decision Checklist" is split into two general sections: The individual "Student Decision Areas", and the "Team Decision Area". Please note, that once the round deadline has passed, the round results will be calculated only based on the Team Decision Area. During each round of the game, you can easily identify changes already made by the highlighted cells on the checklist.

		HOME DECISION	NS RESULTS	SCHEDULE	TEAMS READI	NGS FORUM
	MARK	ET CONDITIONS SA	LES PROCUREMEN	IT RISK MANAGEI	MENT FINANCIALS	DECISION CHECK
You are on Rachel Russell's decision area.	None of yo	ur team members have team decision	e copied decisions as s	Time remaining Your team memi	bers	1082 days
				Legend :	= Team = Curre	nt = Changed
PRACTICE ROUND 1 -	GREEN	RACHEL RUSSELL	JOHNNY PRICE	JESSIE EVANS	RONALD PARKER	MAE MARTINEZ
Go to decision area:	GO	GO	GO	GO	GO	GO
Save as team's decisions		COPY	COPY	COPY	COPY	COPY
Import to my decision area	IMPORT		IMPORT	IMPORT	IMPORT	IMPORT
Budget for the round						
Net profit for the year	11566.7	11566.7	11566.7	11566.7	11566.7	11566.7
Changes in Sales (%)	-10.3	-10.3	-10.3	-10.3	-10.3	-10.3
Large-scale industry/ One year sales	_	_	_	_	_	
Price	46.39	46.39	46.39	46.39	46.39	46.39
Margin	0	0	0	0	0	(
Personal selling	350	350	350	350	350	350
Advertising	100	100	100	100	100	100
Large-scale industry/ Two year sales	_	_	_	_		
Price	46.86	46.86	46.86	46.86	46.86	46.80
Margin	0	0	0	0	0	(
Personal selling	450	450	450	450	450	450
Sales to other segments						
Price, households	51.3	51.3	51.3	51.3	51.3	51.3
Contact Center	300	300	300	300	300	300
Advertising	450	450	450	450	450	450

3Results

The winning criterion in the simulation is the cumulative total shareholder return per annum. This ratio captures the annualized growth of the original investment the best possible way. It takes into consideration the market value of the company, total dividends and the exact times at which the dividends were paid to the shareholders. Moreover, the market value of the company reflects profitability, market position and the risks involved in operating activities.

Company's marketing efforts contribute to the long-term goodwill of the company, which is used partly to calculate company's market position. The risk policy of the company, which can be estimated e.g. with the net open position, is one of the most important risk factors.



4Schedule

Cesim SimPower					
	HOME	DECISIONS RESULTS	SCHEDULE TEAMS READINGS	FORUMS	
Schedule listing					
YOUR TIME \$1 2016-10-14 14:21 20	YSTEM TIME 01 <mark>6-10-14 17:21</mark>				
		Yourtime	System time		
Practice round 1		2019-10-02 09:21	2019-10-02 12:21		
Practice round 2		2019-10-09 09:21	2019-10-09 12:21		
Round 1		2019-10-16 09:21	2019-10-16 12:21		
Round 2		2019-10-23 09:21	2019-10-23 12:21		
Round 3		2019-10-30 10:21	2019-10-30 12:21		
Round 4		2019-11-05 10:21	2019-11-06 12:21		

In the schedule section, you can see a list of the amount of rounds that have been set for the course, as well as the deadlines for each round. In cases where the user's computer time is different from the system time, this page will show the deadlines in both user time and the system time set for the course.

The simulation games are often started with practice rounds. Please note that practice round results

have no effect on the results of the real rounds, and are simply used to learn game mechanics and practice forecasting results. Once the practice round(s) are over, the game will reset to the initial market situation.

For more details, please refer to decision-making instructions as below.

Н	OME	DECISIONS	RESULTS	SCHEDULE	TEAMS	READINGS	FORUMS
Readings							
Your course materials							
Game instructions		-	-	-	-	-	-
DECISION-MAKING INSTRUCTIONS				C		C	
Decision-making process is introduced in this document step-	by-step			DOWNLOA	C	нтм	IL
CASE DESCRIPTION						C	
The simulation business case is described in this document.						DOWNL	OAD