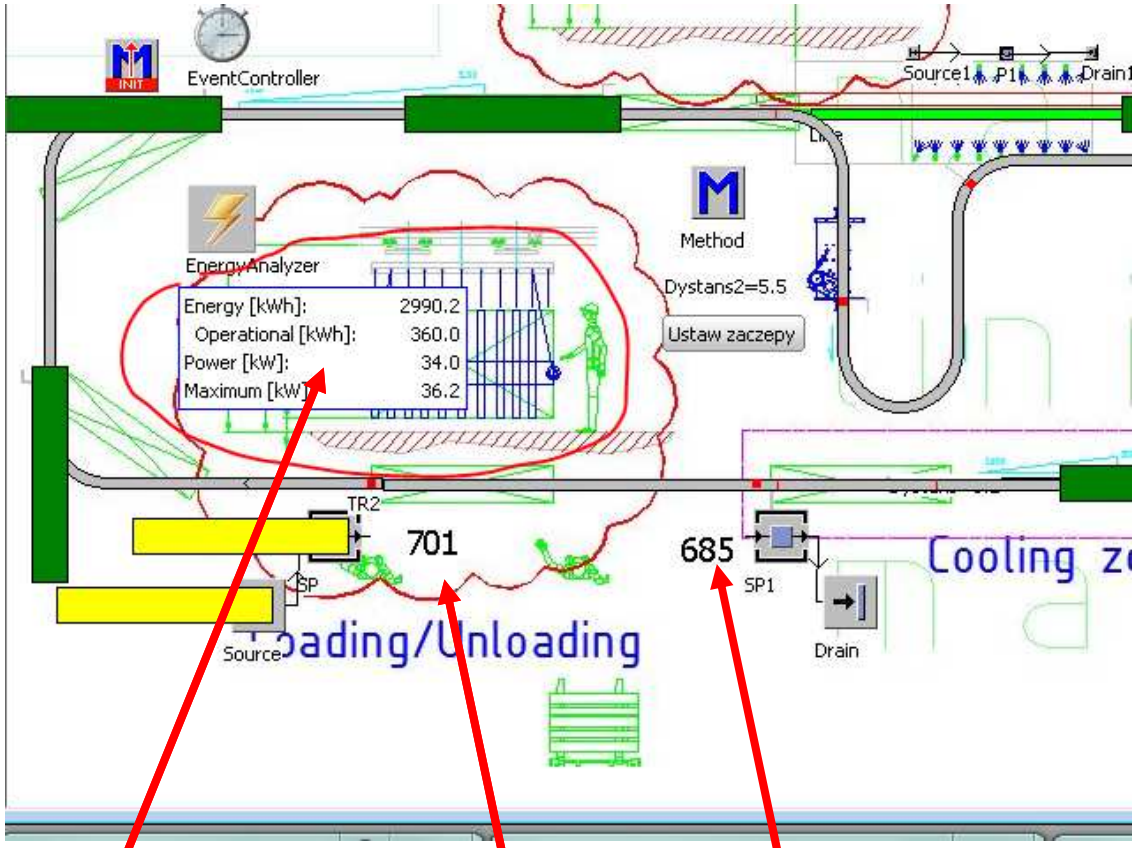
130869– process simulation 9

Simulation model

130869 – process simulation



Loading

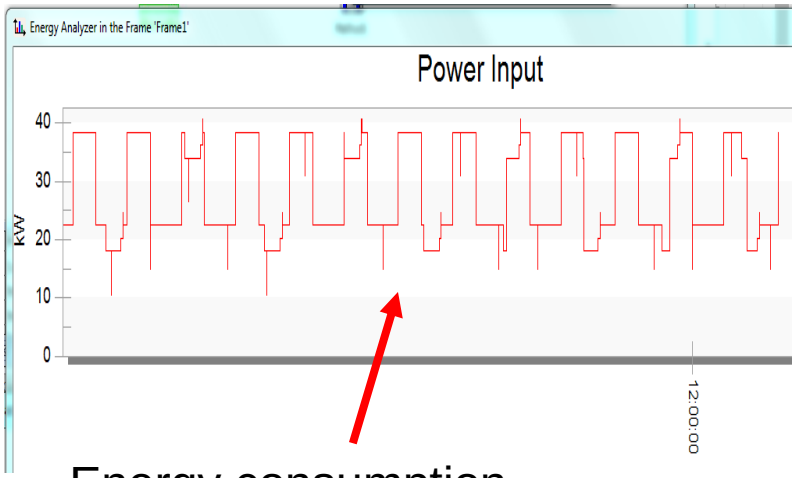
Unloading

Energy consumption

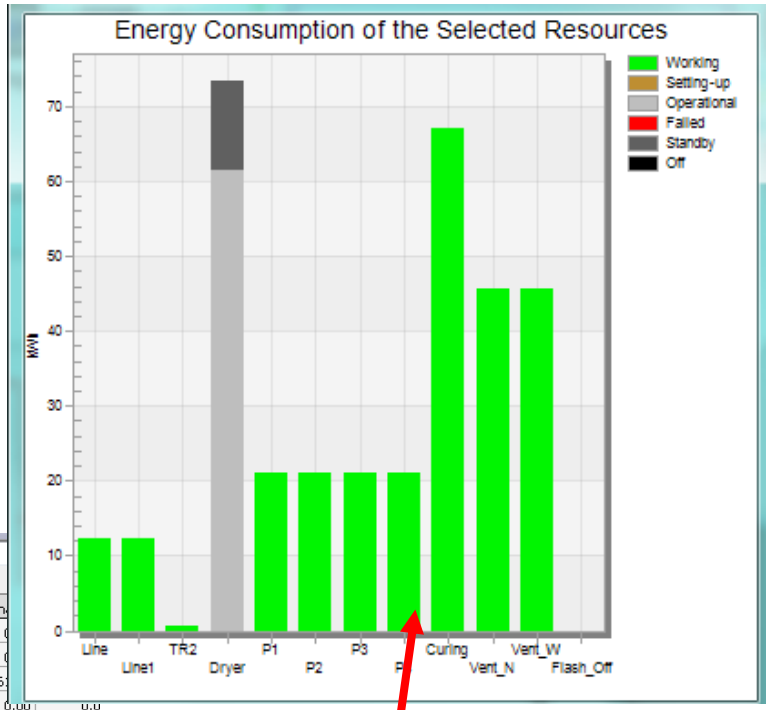
Energy analizer

130869 – process simulation

9.2



Energy consumption



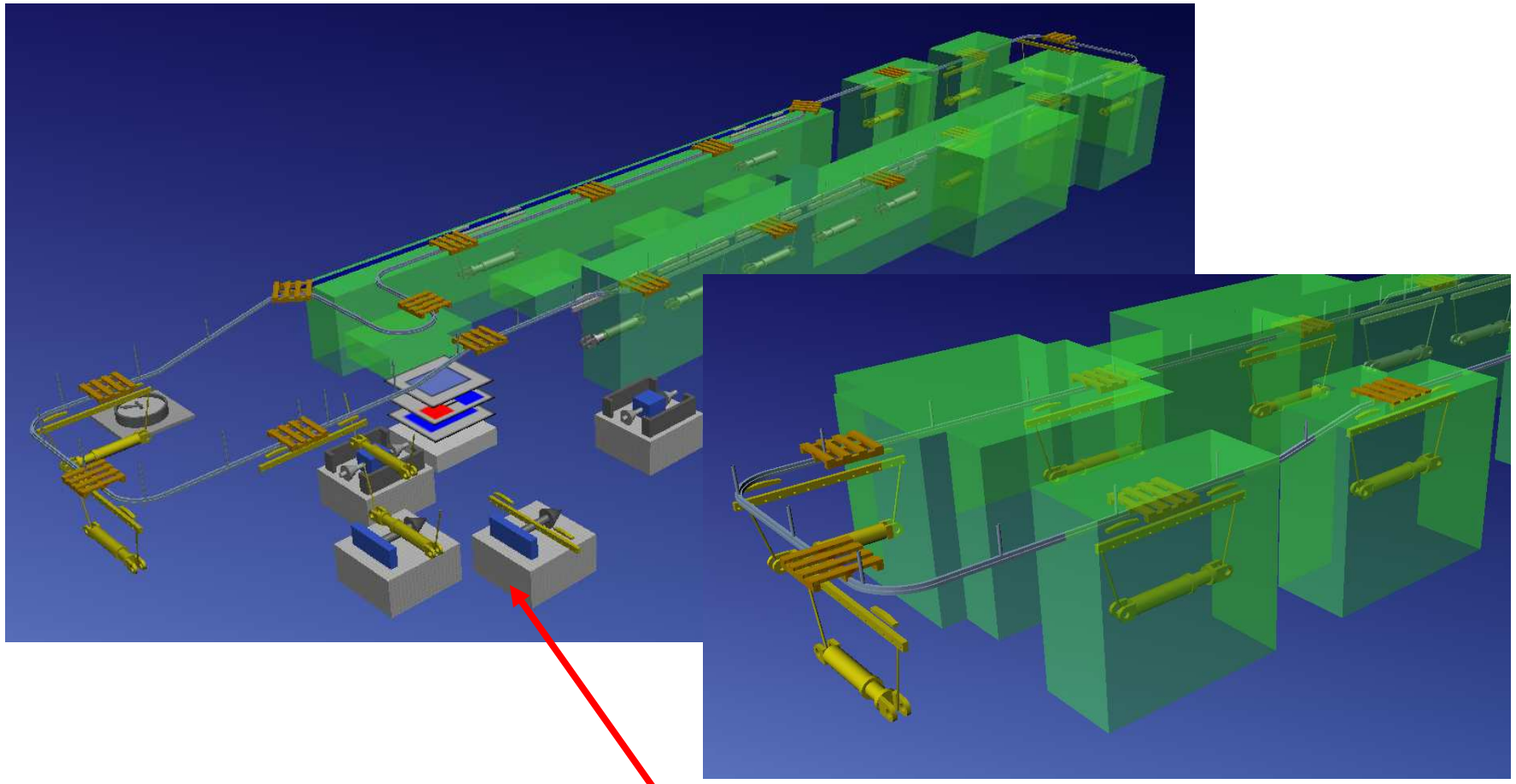
Energy consumption

	string 0	real 1	real 2	real 3	real 4	real 5	real 6
string	Energy Consumers	Energy [kWh]	Energy operational [kWh]	Current power input [kW]	Working	Setting-up	Operation
2	Line1	12.18	0.00	1.00	12.18	0.00	
3	TR2	0.68	0.00	0.00	0.68	0.00	
4	Dryer	73.48	61.55	7.50	0.00	0.00	6
5	P1	21.00	0.00	4.00	21.00	0.00	0.00
6	P2	21.00	0.00	4.00	21.00	0.00	0.00
7	P3	21.00	0.00	4.00	21.00	0.00	0.00
8	P4	21.00	0.00	4.00	21.00	0.00	0.00
9	Curing	67.01	0.0	5.50	67.01	0.00	0.00
10	Vent_N	45.75	.00	7.50	45.75	0.00	0.00
11	Vent_W	45.62	0.00	0.00	45.62	0.00	0.00
12	Flash_Off	0.00	0.00	0.00	0.00	0.00	0.00
13							
14							

Table of objects [energy consumers]

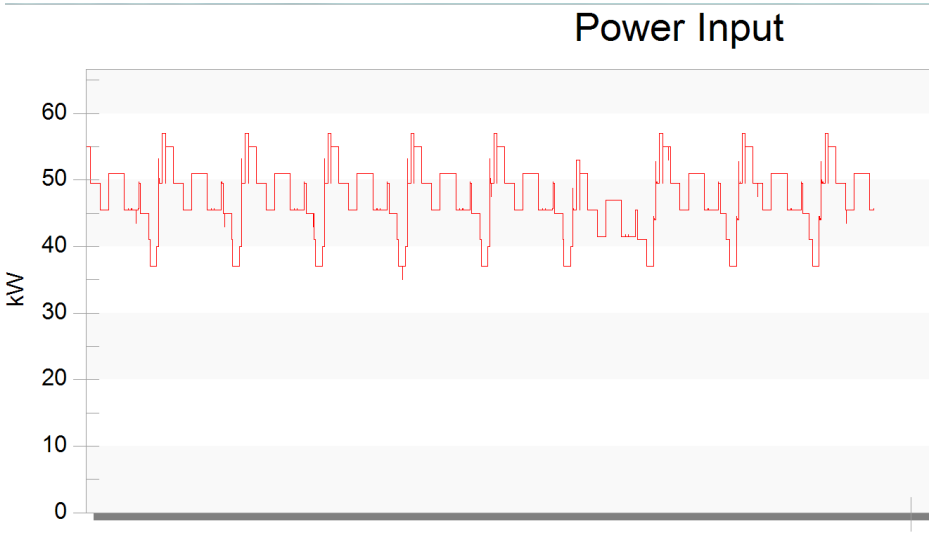
Statistics

130869 – process simulation



130839 – process simulation

9.4



Symulation of
Energy consumption

	string 0	real 1	real 2	real 3	real 4	real 5	real 6	real 7	real 8	real 9
string	Energy Consumers	Energy [kWh]	Energy operational [kWh]	Current power input [kW]	Working	Setting-up	Operational	Failed	Standby	Off
1	L4 Dryer door Entrance	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
2	L41 Dryer door Exit	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
3	L42 Dryer door Entrance	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
4	PC1 Pump circulation	48.40	0.00	2.20	48.40	0.00	0.00	0.00	0.00	0.00
5	PC2 Pump circulation	48.40	0.00	2.20	48.40	0.00	0.00	0.00	0.00	0.00
6	PM1 Pump sprying	11.63	11.63	0.00	0.00	0.00	11.63	0.00	0.00	0.00
7	PM2 Pump sprying	95.29	95.29	5.50	0.00	0.00	95.29	0.00	0.00	0.00
8	PP1 Pump spyring	63.51	63.51	0.00	0.00	0.00	63.51	0.00	0.00	0.00
9	PR1 Pump sprying	48.72	48.72	0.00	0.00	0.00	48.72	0.00	0.00	0.00
10	Suszarka Dryer	148.32	133.72	7.50	0.00	0.00	133.72	0.00	14.60	0.00
11	Suszarka1 Dryer	151.38	139.46	7.50	0.00	0.00	139.46	0.00	11.92	0.00
12	TESUM Conveyor	33.00	32.59	1.50	0.41	0.00	32.59	0.00	0.00	0.00
13	TT Conveyor STOP&GO	1.68	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00
14	WFO Ventilation FO	24.20	0.00	1.10	24.20	0.00	0.00	0.00	0.00	0.00
15	WK Ventilation Booth	166.69	135.37	9.00	0.00	0.00	135.37	0.00	31.31	0.00
16	WSUM Dryer Ventilation	198.00	0.00	9.00	198.00	0.00	0.00	0.00	0.00	0.00

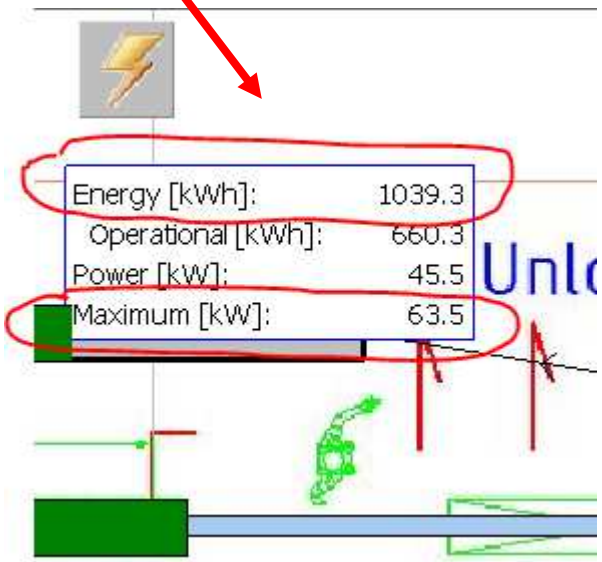


Table of objects [energy consumers]

Statistics