

Controls and autosums in questionnaire: Energy

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A field with a grey background has been automatically filled online. The data in this field cannot be changed, they are visible after saving.
If the data you entered are inconsistent internally or with the prefilled data, an error message appears upon checking. If errors (warnings) appear, check the data carefully and make corrections.

CONTROLS

Controls in table 1. ELECTRICITY

Control ID	Control formula	Clarification	Type of error
25923	KUI ({EN_1_2_2}>0 JA {EN_1_1_2}>0), SIIS (BETWEEN(({EN_1_2_2}/{EN_1_1_2}),60,400))	Please make sure that in Table 1 the cost and quantity of electricity are correct. The purchase price of electricity is between 60 and 400 euros/MWh. If there is a discrepancy, please click "Confirm warnings".	Warning
29236	(({EN_1_8_1_2}>0 JA {EN_1_8_1_1}>0) VÕI ({EN_1_8_1_2}=0 JA {EN_1_8_1_1}=0)	Empty field in Table 1. If the quantity (row 8_1, column 1) has been marked, also mark the cost (row 8_1, column 2).	Warning
29238	(({EN_1_8_2}>0 JA {EN_1_8_1}>0) VÕI ({EN_1_8_2}=0 JA {EN_1_8_1}=0)	Empty field in Table 1. If the quantity (row 8, column 1) has been marked, also mark the cost (row 8, column 2).	Warning
29240	KUI({EN_1_9_1}>0),SIIS({EN_1_9_2}>0)	Empty field in Table 1. If the quantity (row 9, column 1) has been marked, also mark the cost (row 9, column 2).	Warning
29242	(({EN_1_1_2}>0 JA {EN_1_2_2}>0) VÕI ({EN_1_1_2}=0 JA {EN_1_2_2}=0)	Empty field in Table 1. If the quantity (row 2, column 1) has been marked, also mark the cost (row 2, column 2).	Warning
33068	{EN_1_1_1}+{EN_1_1_2}={EN_1_3_1}+{EN_1_6_12}+{EN_1_8_1_1}+{EN_1_8_1}+{EN_1_9_1}	Inconsistent data in Table 1. Check the validity in column 1: produced quantity of electricity (row 1) + purchased quantity of electricity (row 2)= total electricity consumption by own (row 3) + transmission losses (row 6_1) + total trade of electricity (row 7).	Error

Controls in table 2. HEAT

Control ID	Control formula	Clarification	Type of error
1431	{EN_2_10_1}+{EN_2_12_1}={EN_2_13_1}+{EN_2_15_1_1}+{EN_2_15_1}+{EN_2_16_1}+{EN_2_17_1}	Inconsistent data in Table 2. Check the validity in column 1: produced quantity of heat (row 10) + purchased quantity of heat (row 12) = total heat consumption by own (row 13) + losses in heat networks (row 14) + total trade of heat (row 17).	Error
25924	KUI ({EN_2_12_2}>0 JA {EN_2_12_1}>0), SIIS (BETWEEN(({EN_2_12_2}/{EN_2_12_1}),50,150))	Please make sure that in Table 2 the cost and quantity of heat energy are correct. The purchase price of heat energy is between 50 and 150 euros/MWh. If there is a discrepancy, please click "Confirm warnings".	Warning
29256	(({EN_2_12_1}>0 JA {EN_2_12_2}>0) VÕI ({EN_2_12_1}=0 JA {EN_2_12_2}=0)	Empty field in Table 2. If the quantity (row 12, column 1) has been marked, also mark the cost (row 12, column 2).	Warning
29258	(({EN_2_15_1_1}>0 JA {EN_2_15_1_2}>0) VÕI	Empty field in Table 2. If the quantity (row 15_1, column 1) has been marked, also mark the cost (row 15_1, column 2).	Warning

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	{(EN_2_15_1_1)=0 JA {EN_2_15_1_2}=0}	column 2).	
29260	{(EN_2_15_1_1)>0 JA {EN_2_15_2_1}>0} VÕI {EN_2_15_1_1}=0 JA {EN_2_15_2_1}=0}	Empty field in Table 2. If the quantity (row 15, column 1) has been marked, also mark the cost (row 15, column 2).	Warning
29268	{(EN_2_16_1_1)>0 JA {EN_2_16_2_1}>0} VÕI {EN_2_16_1_1}=0 JA {EN_2_16_2_1}=0}	Empty field in Table 2. If the quantity (row 16, column 1) has been marked, also mark the cost (row 16, column 2).	Warning
30775	{EN_2_20_1_1}<={EN_2_15_1_1}	Inconsistent data in Table 2. The amount of heat sold to district heating network operators (row 15_2, column 1) cannot be greater than the amount of heat sold to dealers (row 15_1, column 1).	Error
30776	{EN_2_22_1_1}<={EN_2_21_1_1}	Inconsistent data in Table 2. The amount of heat sold to final consumers on energy efficient conditions (row 999, column 1) cannot be greater than the amount of heat sold to final consumers by district heating network operators (row 99, column 1).	Error

Controls in table 3. FUELS IN STOCKS, INCOMINGS, OUTGOINGS AND CONSUMPTION BY PURPOSE

Control ID	Control formula	Clarification	Type of error
1135	{EN_4_1_19}!=NULL	Empty field in Table 3. Type of fuel is a mandatory field.	Error
1456	{EN_4_1_1_1}+{EN_4_1_2_1}+{EN_4_1_3_1}={EN_4_1_5_1}+{EN_4_1_6_1}+{EN_4_1_10_1}+{EN_4_1_11_1}	Inconsistent data in Table 3. Check the validity in each row: the sum of columns 2 (fuel stock at the beginning of the period (column 2) + quantity of fuel produced (column 3) + quantity of fuel purchased (column 4) = quantity of fuel consumed (column 6) + quantity of fuel sold (column 7) + fuel losses (column 11) + fuel stock at the end of the period (column 12).	Error
1457	{(EN_4_1_3_1)>0 JA {EN_4_1_4_1}>0} VÕI {(EN_4_1_3_1)=0 JA {EN_4_1_4_1}=0}	Empty field in Table 3. If the quantity of fuel purchased (column 4) has been marked, also mark the cost of fuel purchased (column 5).	Warning
1458	{EN_4_1_6_1}>={EN_4_1_8_1}	Inconsistent data in Table 3. Check the validity in each row: total quantity of fuel sold (column 7) is bigger than/equal to the quantity of fuel sold to households (column 9).	Warning
1459	{(EN_4_1_6_1)>0 JA {EN_4_1_7_1}>0} VÕI {(EN_4_1_6_1)=0 JA {EN_4_1_7_1}=0}	Empty field in Table 3. If the quantity of fuel sold (column 7) has been marked, also mark the cost of fuel sold (column 8).	Warning
1460	{EN_4_1_7_1}>={EN_4_1_9_1}	Empty field in Table 3. If the quantity of fuel sold (column 8) has been marked, also mark the cost of fuel sold to households (column 10).	Warning
1461	{(EN_4_1_8_1)>0 JA {EN_4_1_9_1}>0} VÕI {(EN_4_1_8_1)=0 JA {EN_4_1_9_1}=0}	Empty field in Table 3. If the quantity of fuel sold to incl. households (column 8) has been marked, also mark the cost of fuel sold to households (column 10).	Warning
21492	KUI({EN_4_1_19}!=NULL), SIIS({EN_4_1_1_1}+{EN_4_1_2_1}+{EN_4_1_3_1}+{EN_4_1_4_1}+{EN_4_1_6_1}+{EN_4_1_7_1}+{EN_4_1_8_1}+{EN_4_1_9_1}+{EN_4_1_10_1}>0)	Inconsistent data in Table 3. If the type of fuel from fuel classification (column 1) has been marked, also mark the fuels in stocks at the beginning of the year (column 2) or fuel input from own production (column 3) or the quantity of purchased fuel (column 4) and quantity of fuel sold/consumed (columns 6, 7, 9) and cost (columns 5, 8, 10) or delete the row.	Warning
25900	KUI (({EN_4_1_19}=1020) JA ({EN_4_1_4_1}>0 JA {EN_4_1_3_1}>0)), SIIS (BETWEEN(({EN_4_1_4_1}/{EN_4_1_3_1}),70,128))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of coal is between 70 and 128 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25901	KUI (({EN_4_1_19}=1200) JA ({EN_4_1_4_1}>0 JA {EN_4_1_3_1}>0)), SIIS (BETWEEN(({EN_4_1_4_1}/{EN_4_1_3_1}),12,30))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of oil shale is between 12 and 30 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25902	KUI (({EN_4_1_19}=1131) JA ({EN_4_1_4_1}>0 JA {EN_4_1_3_1}>0)), SIIS (BETWEEN(({EN_4_1_4_1}/{EN_4_1_3_1}),15,35))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of milled peat is between 15 and 35 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25903	KUI (({EN_4_1_19}=1132) JA ({EN_4_1_4_1}>0 JA {EN_4_1_3_1}>0)), SIIS (BETWEEN(({EN_4_1_4_1}/{EN_4_1_3_1}),46,300))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of sod peat between 46 and 300 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25904	KUI (({EN_4_1_19}=1133) JA ({EN_4_1_4_1}>0 JA {EN_4_1_3_1}>0)), SIIS (BETWEEN(({EN_4_1_4_1}/{EN_4_1_3_1}),65,450))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of peat briquette is between 65 and 450 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning

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25905	KUI (({EN_4_1_19}=1111) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).30.210))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of fuelwood is between 30 and 210 euros/m³. If there is a discrepancy, please click "Confirm warnings".	Warning
25906	KUI (({EN_4_1_19}=1112) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).10.100))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of wood chips is between 10 and 100 euros/m³. If there is a discrepancy, please click "Confirm warnings".	Warning
25907	KUI (({EN_4_1_19}=1115) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).10.100))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of wood waste is between 10 and 100 euros/m³. If there is a discrepancy, please click "Confirm warnings".	Warning
25908	KUI (({EN_4_1_19}=1116) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).10.60))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of forestry waste is between 10 and 60 euros/m³. If there is a discrepancy, please click "Confirm warnings".	Warning
25909	KUI (({EN_4_1_19}=1113) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).116.600))	Veenduge palun, kas tabelis 3 kütuse maksumus ja kogus on õige. Puidugraanulite ostuhind on vahemikus 116 kuni 600 eurot/t. Erinevuse olemasolul vajutage nupule "Aktsepteerin hoiatused".	Warning
25910	KUI (({EN_4_1_19}=1114) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).116.700))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of wood briquette is between 116 and 700 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25911	KUI (({EN_4_1_19}=3010) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).150.3000))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of natural gas is between 150 and 3000 euros/1000m³. If there is a discrepancy, please click "Confirm warnings".	Warning
25912	KUI (({EN_4_1_19}=3030) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).800.12000))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of liquefied gas is between 800 and 2000 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25913	KUI (({EN_4_1_19}=2030) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).400.1000))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of heavy fuel oil is between 400 and 1000 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25914	KUI (({EN_4_1_19}=2110) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).250.1000))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of shale oil (heavy fraction) is between 250 and 1000 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25915	KUI (({EN_4_1_19}=2120) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).350.800))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of shale oil (light fraction) is between 350 and 800 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25916	KUI (({EN_4_1_19}=2040) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).380.611))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of light fuel oil is between 380 and 611 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25917	KUI (({EN_4_1_19}=2051) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).300.3000))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of diesel is between 300 and 3000 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25918	KUI (({EN_4_1_19}=2080) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).600.3000))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of motor gasoline is between 600 and 3000 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25919	KUI (({EN_4_1_19}=2090) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).258.1500))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of aviation gasoline is between 258 and 1500 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25920	KUI (({EN_4_1_19}=2070) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN(({EN_4_1_4}/{EN_4_1_3}).258.1000))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of jet fuel is between 258 and 1000 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
25921	KUI (({EN_4_1_19}=2220) JA ({EN_4_1_4}>0 JA {EN_4_1_3}>0)), SIIS	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of bitumen is between 130 and 500 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning

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	(BETWEEN((EN_4_1_4)/EN_4_1_3),130.500))		
25922	KUI ((EN_4_1_19)=2190) JA ((EN_4_1_4)>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN((EN_4_1_4)/EN_4_1_3),1000.5400))	Please make sure that in Table 3 the fuel cost and quantity are correct. The purchase price of refined oils is between 1000 and 5400 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
29179	{EN_4_1_5}={EN_4_1_12}+{EN_4_1_12}+{EN_4_1_13}+{EN_4_1_14}+{EN_4_1_15}+{EN_4_1_16}+{EN_4_1_18}	Inconsistent data in Table 3. Check the validity in each row: fuel consumption for own use (column 6) = fuel consumed for electricity production (column 14) + fuel consumed for heat production in power plants (column 15) + fuel consumed for heat production in boilers (column 16) + fuels consumed for transformation (column 18) + fuel consumed for raw materials (column 19) + fuel consumed in transportation (column 20) + fuel consumed for other purposes (column 22).	Error
30777	KUI ((EN_4_1_19)=3012) JA ((EN_4_1_4)>0 JA {EN_4_1_3}>0)), SIIS (BETWEEN((EN_4_1_4)/EN_4_1_3),900.8000))	Please make sure that in Table 3 the fuel cost and amount are correct. The purchase price for compressed gas is generally between 900 and 8000 euros/t. If there is a discrepancy, please click "Confirm warnings".	Warning
31436	{EN_4_1_17}<={EN_4_1_16}	Inconsistent data in Table 3. Fuel consumed in road transport (column 21), cannot be more than fuel consumed in transportation (column 20).	Error
31437	{EN_4_1_13}>0 JA {EN_3_4}>0 VÕI {EN_4_1_13}=0 JA {EN_3_4}=0	Empty field in Table 3. If fuel consumed for heat generation in boilers (column 16) is indicated, heat production in boilers (column 17) must be filled in and vice versa.	Error
31457	KUI ({/ESTAT}=50 JA {EN_4_1_19}="2051" VÕI {EN_4_1_19}="2030" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	Empty field in Table 3. An operating rail transport enterprise (EMTAK=49) presumably uses diesel fuel, therefore the quantity of fuels consumed in transportation (column 20) must be filled in.	Warning
31458	KUI ({/ESTAT}=51 JA {EN_4_1_19}="2070" VÕI {EN_4_1_19}="2090" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	Empty field in Table 3. An operating air transport enterprise (EMTAK=51) presumably uses jet fuel or aviation gasoline, therefore the quantity of fuels consumed in transportation (column 20) must be filled in.	Warning
31459	KUI ({/ESTAT}=503 JA {EN_4_1_19}="2051" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	Empty field in Table 3. An operating inland water transport enterprise (EMTAK=503) presumably uses diesel fuel, therefore the quantity of fuels consumed in transportation (column 20) must be filled in.	Warning
31460	KUI ({/ESTAT}=10312960 JA {EN_4_1_19}="2051" VÕI {EN_4_1_19}="3012" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	An operating transport enterprise presumably uses diesel fuel or CNG; therefore, fuels consumed in transportation in Table 3 (input window row 20) must be filled in.	Warning
31462	KUI ({/ESTAT}=49 JA {EN_4_1_19}="2051" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	Empty field in Table 3. An operating rail transport enterprise (EMTAK=49) presumably uses diesel fuel, therefore the quantity of fuels consumed in transportation (column 20) must be filled in.	Warning
31463	KUI ({EN_4_1_19}="1200" JA {EN_3_4}>0 JA {EN_4_1_13}>0), SIIS (BETWEEN((EN_3_4)/((EN_4_1_13)*2.5)),0.3.1))	Veenduge palun, kas tabelis 3 toodetud soojus on vastavuses tootmiseks kasutatud kütuse kogusega. Põlevkivist toodetud soojus peab olema vastavuses soojuse tootmiseks tarbitud põlevkiviga. Kasutegur (EN_3_4/(EN_4_1_13*2.5)) peab olema vahemikus 0.3 kuni 1.	Warning
31464	KUI ({EN_4_1_19}="1131" JA {EN_3_4}>0 JA {EN_4_1_13}>0), SIIS (BETWEEN((EN_3_4)/((EN_4_1_13)*2.5)),0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from milled peat must correspond to milled peat consumed for heat generation. Efficiency (EN_3_4/(EN_4_1_13*2.5)) must be in the range 0.6 to 1.	Warning
31465	KUI ({EN_4_1_19}="1132" JA {EN_3_4}>0 JA {EN_4_1_13}>0), SIIS (BETWEEN((EN_3_4)/((EN_4_1_13)*3.15)),0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from sod peat must correspond to sod peat consumed for heat generation. Efficiency (EN_3_4/(EN_4_1_13*3.15)) must be in the range 0.6 to 1.	Warning
31466	KUI ({EN_4_1_19}="1133" JA {EN_3_4}>0 JA {EN_4_1_13}>0), SIIS (BETWEEN((EN_3_4)/((EN_4_1_13)*4.5)),0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from peat briquette must correspond to peat briquette consumed for heat generation. Efficiency (EN_3_4/(EN_4_1_13*4.5)) must be in the range 0.6 to 1.	Warning
31467	KUI ({EN_4_1_19}="1140" JA {EN_3_4}>0 JA {EN_4_1_13}>0), SIIS (BETWEEN((EN_3_4)/((EN_4_1_13)*4.0)),0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from municipal waste must correspond to municipal waste consumed for heat generation. Efficiency (EN_3_4/(EN_4_1_13*4.0)) must be in the range 0.6 to 1.	Warning
31468	KUI ({EN_4_1_19}="1171" JA {EN_3_4}>0 JA {EN_4_1_13}>0), SIIS (BETWEEN((EN_3_4)/((EN_4_1_13)*3.9)),0.5.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from cereals must correspond to cereals consumed for heat generation. Efficiency (EN_3_4/(EN_4_1_13*3.9)) must be in the range 0.5 to 1.	Warning
31469	KUI ({EN_4_1_19}="1172" JA {EN_3_4}>0 JA {EN_4_1_13}>0), SIIS (BETWEEN((EN_3_4)/((EN_4_1_13)*4.8)),0.5.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from straw must correspond to straw consumed for heat generation. Efficiency (EN_3_4/(EN_4_1_13*4.8)) must be in the range 0.5 to 1.	Warning

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31470	KUI ({EN_4_1_19}="1174" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*4.6)).0.5.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from rapeseed waste must correspond to rapeseed waste consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*4.6)) must be in the range 0.5 to 1.	Warning
31471	KUI ({EN_4_1_19}="1175" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*5.3)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from bone meal must correspond to bone meal consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*5.3)) must be in the range 0.6 to 1.	Warning
31472	KUI ({EN_4_1_19}="1176" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*3.0)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from animal waste must correspond to animal waste consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*3.0 - calorific value)) must be in the range 0.6 to 1.	Warning
31473	KUI ({EN_4_1_19}="1177" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*6.9)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from the residue of pressing oil crops must correspond to the same residue consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*6.9 - calorific value)) must be in the range 0.6 to 1.	Warning
31474	KUI ({EN_4_1_19}="1190" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*4.42)).0.5.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from waste fuel must correspond to waste fuel consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*4.42 - calorific value)) must be in the range 0.5 to 1.	Warning
31475	KUI ({EN_4_1_19}="2030" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*11.2)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from heavy fuel oil must correspond to heavy fuel consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*11.2 - calorific value)) must be in the range 0.6 to 1.	Warning
31476	KUI ({EN_4_1_19}="2040" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*11.8)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from light fuel oil must correspond to light fuel consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*11.8 - calorific value)) must be in the range 0.6 to 1.	Warning
31477	KUI ({EN_4_1_19}="2051" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*11.8)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from diesel fuel must correspond to diesel fuel consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*11.8 - calorific value)) must be in the range 0.6 to 1.	Warning
31478	KUI ({EN_4_1_19}="2110" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*10.9)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from shale oil (heavy fraction) must correspond to shale oil (heavy fraction) consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*10.9 - calorific value)) must be in the range 0.6 to 1.	Warning
31479	KUI ({EN_4_1_19}="2120" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*11.8)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from shale oil (light fraction) must correspond to shale oil (light fraction) consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*11.8)) must be in the range 0.6 to 1.	Warning
31480	KUI ({EN_4_1_19}="2150" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*2.14)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from black liquor must correspond to black liquor consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*2.14 - calorific value)) must be in the range 0.6 to 1.	Warning
31481	KUI ({EN_4_1_19}="2252" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*10.0)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from waste cooking oil must correspond to waste cooking oil consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*10.0 - calorific value)) must be in the range 0.6 to 1.	Warning
31482	KUI ({EN_4_1_19}="3010" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*9.3)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from natural gas must correspond to natural gas consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*9.3 - calorific value)) must be in the range 0.6 to 1.	Warning
31483	KUI ({EN_4_1_19}="3030" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*12.78)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from liquefied gas must correspond to liquefied gas consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*12.78 - calorific value)) must be in the range 0.6 to 1.	Warning
31484	KUI ({EN_4_1_19}="3090" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*5.0)).0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from biogas must correspond to biogas consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*5.0 - calorific value)) must be in the range 0.6 to 1.	Warning
31485	KUI ({EN_4_1_19}="3110" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN(({EN_3_4}/({EN_4_13}*1.8)).0.3.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from oil shale gas must correspond to oil shale gas consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*1.8 - calorific value)) must be in the range 0.3 to 1.	Warning
31486	KUI ({EN_4_1_19}="3150" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from waste water sediment must correspond to waste water sediment consumed for heat	Warning

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	(BETWEEN((EN_3_4)/(EN_4_13*5.0))0.6.1))	generation. Efficiency (EN_3_4/(EN_4_13*5.0 - calorific value)) must be in the range 0.6 to 1.	
31487	KUI ({EN_4_1_19}="3160" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*5.0))0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from landfill gas must correspond to landfill gas consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*5.0 - calorific value)) must be in the range 0.6 to 1.	Warning
31488	KUI ({EN_4_1_19}="1020" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*7.5))0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from coal must correspond to coal consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*7.5)) must be in the range 0.6 to 1.	Warning
31489	KUI ({EN_4_1_19}="1111" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*1.55))0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from fuelwood must correspond to fuelwood consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*1.55 - calorific value)) must be in the range 0.6 to 1.	Warning
31490	KUI ({EN_4_1_19}="1112" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*0.82))0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from wood chips must correspond to wood chips consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*0.82 - calorific value)) must be in the range 0.6 to 1.	Warning
31491	KUI ({EN_4_1_19}="1113" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*4.9))0.6.1))	Veenduge palun, kas tabelis 3 toodetud soojus on vastavuses tootmiseks kasutatud kütuse kogusega. Puidugraanulitest toodetud soojus peab olema vastavuses soojuse tootmiseks tarbitud puidugraanulitega. Kasutegur (EN_3_4/(EN_4_13*4.9 - kütteväärtus)) peab olema vahemikus 0.6 kuni 1.	Warning
31492	KUI ({EN_4_1_19}="1114" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*4.7))0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from wood briquette must correspond to wood briquette consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*4.7 - calorific value)) must be in the range 0.6 to 1.	Warning
31493	KUI ({EN_4_1_19}="1115" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*0.82))0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from landfill gas must correspond to landfill gas consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*0.82 - calorific value)) must be in the range 0.6 to 1.	Warning
31494	KUI ({EN_4_1_19}="1116" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*0.6))0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from forestry waste must correspond to forestry waste consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*0.6 - calorific value)) must be in the range 0.6 to 1.	Warning
31495	KUI ({EN_4_1_19}="1117" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*5.0))0.6.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from energy shrub must correspond to energy shrub consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*5.0 - calorific value)) must be in the range 0.6 to 1.	Warning
31496	KUI ({EN_4_1_19}="3120" JA {EN_3_4}>0 JA {EN_4_13}>0), SIIS (BETWEEN((EN_3_4)/(EN_4_13*12.2))0.3.1))	Please make sure that in Table 3 the heat produced corresponds to the amount of fuel used for production. Heat generated from coke oven gas must correspond to coke oven gas consumed for heat generation. Efficiency (EN_3_4/(EN_4_13*12.2 - calorific value)) must be in the range 0.3 to 1.	Warning
32375	KUI ({/ESTAT}=10579981 JA {EN_4_1_19}="2051" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	An operating transport enterprise presumably uses diesel fuel; therefore, fuels consumed in transportation in Table 3 (input window row 20) must be filled in.	Warning
32376	KUI ({/ESTAT}=10069369 JA {EN_4_1_19}="2051" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	An operating transport enterprise presumably uses diesel fuel therefore, fuels consumed in transportation in Table 3 (input window row 20) must be filled in.	Warning
32377	KUI ({/ESTAT}=10318973 JA {EN_4_1_19}="2051" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	An operating transport enterprise presumably uses diesel fuel therefore, fuels consumed in transportation in Table 3 (input window row 20) must be filled in.	Warning
32378	KUI ({/ESTAT}=11349438 JA {EN_4_1_19}="2051" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	An operating transport enterprise presumably uses diesel fuel therefore, fuels consumed in transportation in Table 3 (input window row 20) must be filled in.	Warning
33152	KUI ({/ESTAT_2}=10015238 JA {EN_4_1_19}="3012"), SIIS ({EN_4_1_6}>0)	An operating enterprise presumably sells compressed natural gas (CNG); therefore, the quantity of fuel sold in Table 3 (input window row 7) must be filled in.	Warning
33226	KUI ({/ESTAT_2}=10178905 JA {EN_4_1_19}="3012"), SIIS ({EN_4_1_6}>0)	An operating enterprise presumably sells compressed natural gas (CNG); therefore, the quantity of fuel sold in Table 3 (input window row 7) must be filled in.	Warning
33227	KUI ({/ESTAT_2}=10136870 JA {EN_4_1_19}="3012"), SIIS ({EN_4_1_6}>0)	An operating enterprise presumably sells compressed natural gas (CNG); therefore, the quantity of fuel sold in Table 3 (input window row 7) must be filled in.	Warning
33228	KUI ({/ESTAT_2}=10017303 JA {EN_4_1_19}="3012"), SIIS ({EN_4_1_6}>0)	An operating enterprise presumably sells compressed natural gas (CNG); therefore, the quantity of fuel sold in Table 3 (input window row 7) must be filled in.	Warning
33229	KUI ({/ESTAT_2}=14995392 JA {EN_4_1_19}="3012"), SIIS ({EN_4_1_6}>0)	An operating enterprise presumably sells compressed natural gas (CNG); therefore, the quantity of fuel sold in Table 3 (input window row 7) must be filled in.	Warning
33230	KUI ({/ESTAT_2}=14772628 JA {EN_4_1_19}="3012"),	An operating enterprise presumably sells compressed natural gas (CNG); therefore, the quantity of fuel sold	Warning

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33230	KUI ({/ESTAT_2}=14772628 JA {EN_4_1_19}="3012"), SIIS ({EN_4_1_6}>0)	An operating enterprise presumably sells compressed natural gas (CNG); therefore, the quantity of fuel sold in Table 3 (input window row 7) must be filled in.	
33231	KUI ({/ESTAT_2}=10178087 JA {EN_4_1_19}="3012"), SIIS ({EN_4_1_6}>0)	An operating enterprise presumably sells compressed natural gas (CNG); therefore, the quantity of fuel sold in Table 3 (input window row 7) must be filled in.	Warning
33933	KUI ({/ESTAT}=10238429 JA {EN_4_1_19}="2051" VÕI {EN_4_1_19}="2030" VÕI {EN_4_1_19}="3011" JA {EN_4_1_5}>0), SIIS ({EN_4_1_16}>0)	An operating enterprise presumably uses diesel, heavy fuel oil or liquified natural gas (LNG); therefore, fuels consumed in transportation in Table 3 (input window row 20) must be filled in.	Warning

Controls in table 5. TIME SPENT ON FILLING OUT THE QUESTIONNAIRE (incl. for preparing the data)

Control ID	Control formula	Clarification	Type of error
20060	{TAITMISEAEGTUNDI}+{TAITMISEAEGMINUTIT}>0	The time spent on filling in the questionnaire must be recorded and the sum of hours and minutes must be more than 0. The time spent means time spent by all employees to read questionnaire instructions, collect and prepare data and fill in the questionnaire.	Error
20061	{TAITMISEAEGTUNDI}<=999	Maximum permitted value is 999 hours.	Error
33113	{TAITMISEAEGMINUTIT}<=59	Maximum permitted value is 59 minutes. Time exceeding 60 minutes shall be indicated in hours and minutes.	Error

Controls across tables

Control ID	Control formula	Clarification	Type of error
20633	KUI({EN_2_10_1}>0),SIIS (TABEL(73133478))	Empty field in Table 3. If the quantity of heat produced (Table 2 column 1 row 10) has been marked, also mark the type(s) of fuels used for heat generation (Table 3), excluding heat produced from electricity.	Warning
33067	KUI({/ESTAT_1}=1), SIIS({EN_1_6_12}>0)	Distribution network operators must fill in row "Losses in distribution networks" in Table 1.	Warning

AUTOSUMS

Autosums in table 1. ELECTRICITY

Row name	Column name	Formula	Clarification
Total trade	Quantity of electricity (MWh)	{EN_1_8_1}+{EN_1_8_1_1}+{EN_1_9_1}	Auto sum is a sum of sub rows.
Total trade	Cost of electricity (without VAT) (€)	{EN_1_8_1_2}+{EN_1_8_2}+{EN_1_9_2}	Auto sum is a sum of sub rows.

Autosums in table 2. HEAT

Row name	Column name	Formula	Clarification
Production	Data from column 17 of Table 3, displayed after saving.	{EN_3_4}	

Energy

Total trade	Quantity of heat (MWh)	{EN_2_15_1_1}+{EN_2_15_1}+{EN_2_16_1}	Auto sum is a sum of sub rows.
Total trade	Cos of heat (without VAT) (€)	{EN_2_15_1_2}+{EN_2_15_2}+{EN_2_16_2}	Auto sum is a sum of sub rows.

Autosums in table 3. FUELS IN STOCKS, INCOMINGS, OUTGOINGS AND CONSUMPTION BY PURPOSE

Row name	Column name	Formula	Clarification
	Consumption of fuels for own use in Estonia (value from column 6)	{EN_4_1_5}	value from column 6

Autosums in table 4. ELECTRICITY USED IN TRANSPORT VEHICLES

Row name	Column name	Formula	Clarification
Electricity (for rolling stock movement), MWh	.	{ENTR_2716_1_1}+{ENTR_2719_2_1}+{ENTR_2716_3_1}	

Autosums in table Prefilling to question EKOMAR

Row name	Column name	Formula	Clarification
Cost of purchased fuels from Table 3, total	Indicator	{\$EN_4_1_4}	