

„Thermal modernisation of the public buildings in Gmina Kłodzko – stage I”

Effective thermal modernisation in practice

Kłodzko, 18.04.2016

VALUE OF THE PROJECT

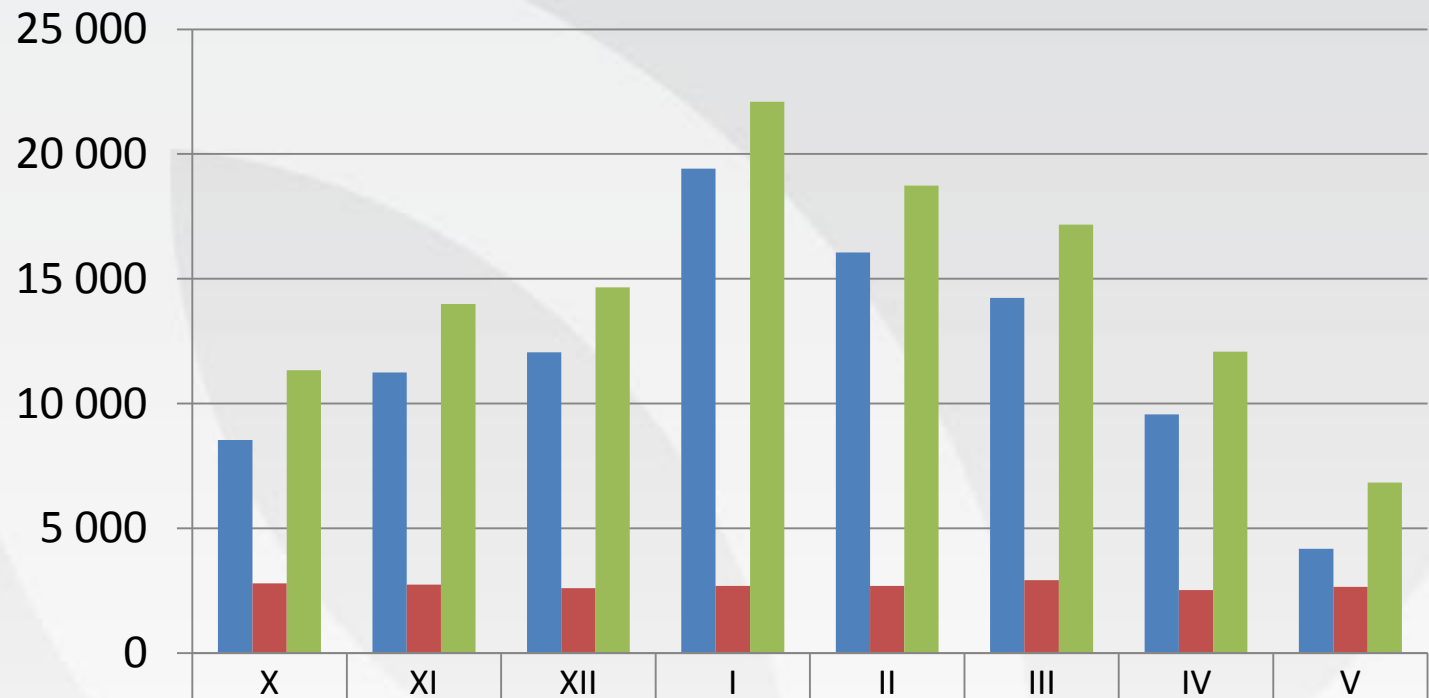
- PS Krosnowice 3 460 704,00 PLN. Realisation of the project – 6 months
- - subsidy 2 489 976,00 PLN.
- - **own resources 970 728,00 PLN.**

- Internal spaces 3 105 m²
- Cubic capacity 13 368 m³

- PS Ołdrzychowice 2 974 678,00 PLN. Realisation of the project – 6 months
- - subsidy 2 140 280,00 PLN.
- - **own resources 834 398,00 PLN.**

- Internal space 2 453 m²
- Cubic capacity 8 715 m³

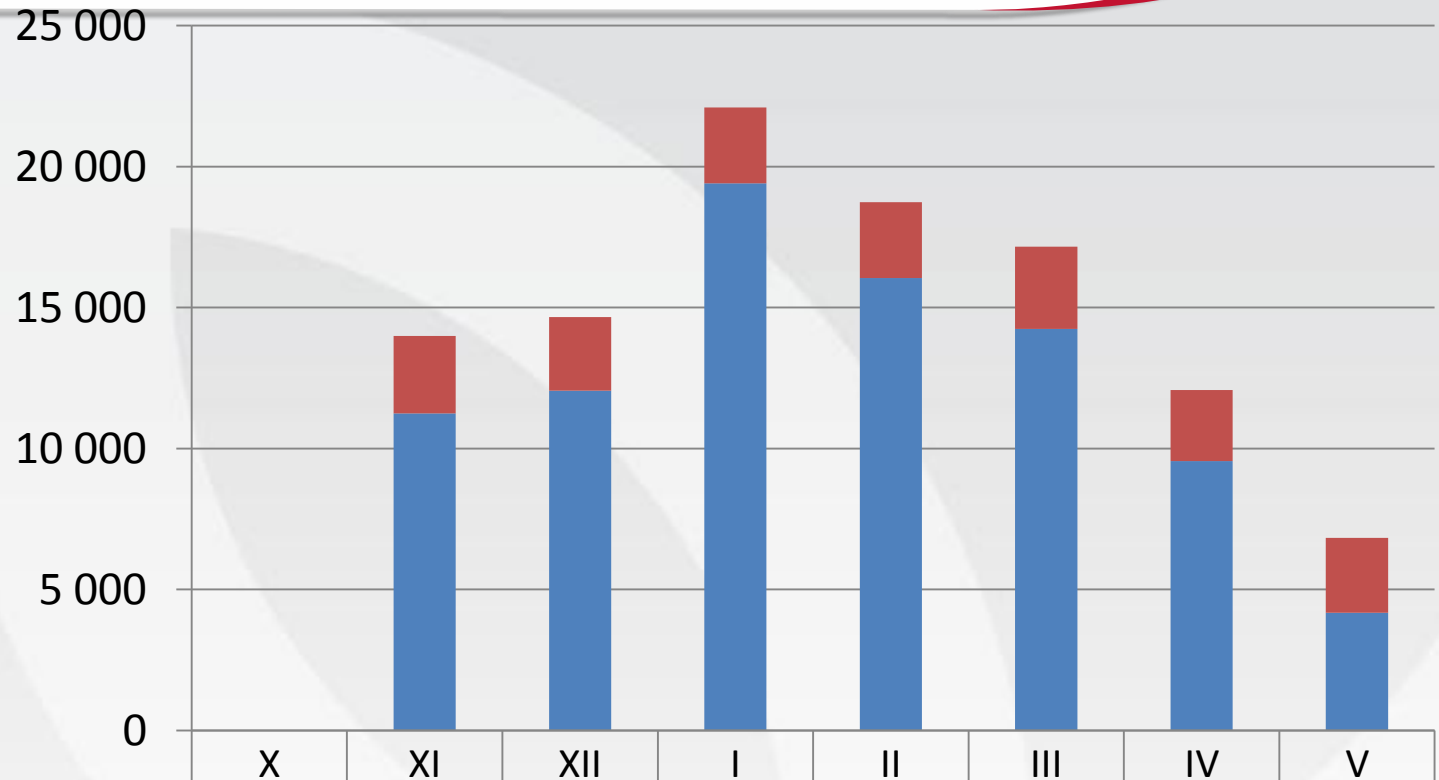
Costs of utility services in the period 09.2014-05.2015 (before the modernisation)



	X	XI	XII	I	II	III	IV	V
■ CO - season 2014-15	8 541	11 251	12 051	19 412	16 052	14 240	9 560	4 177
■ EL - season 2014-15	2 794	2 742	2 608	2 687	2 687	2 925	2 521	2 651
■ Sum CO+EL	11 335	13 993	14 659	22 100	18 740	17 165	12 081	6 828

Total energy costs – 116.900

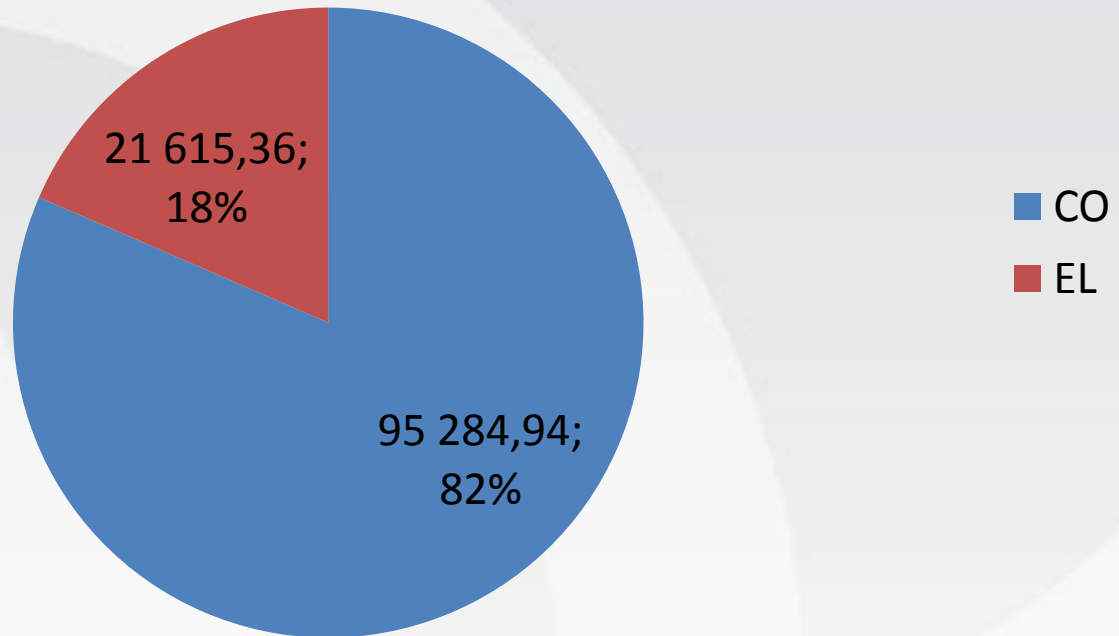
Costs of utility services in the period 09.2014-05.2015 (before the modernisation)



EL - season 2014-15	0	2 742	2 608	2 687	2 687	2 925	2 521	2 651
CO - season 2014-15	0	11 251	12 051	19 412	16 052	14 240	9 560	4 177

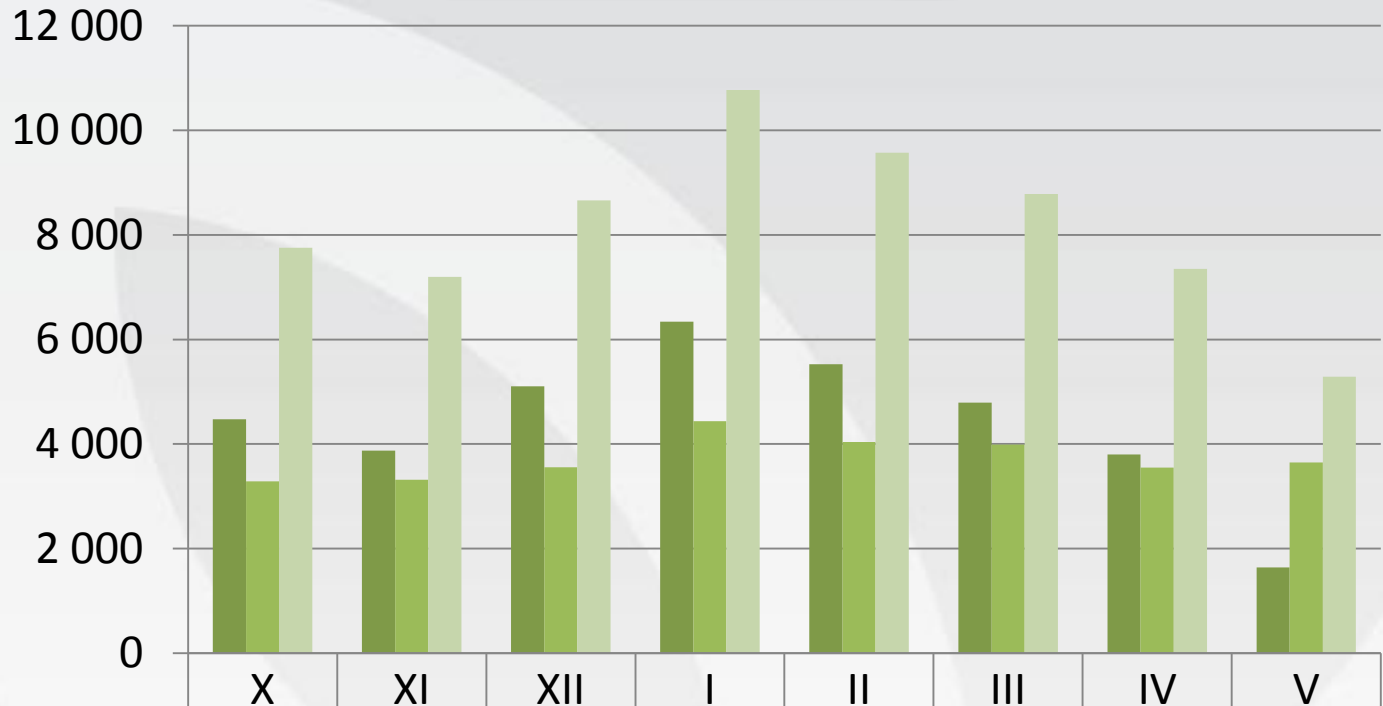
The proportion of the costs of particular energy sources in general utility costs

Energy costs 09.2014-05.2015
(before modernisation)



Total energy costs – 116.900

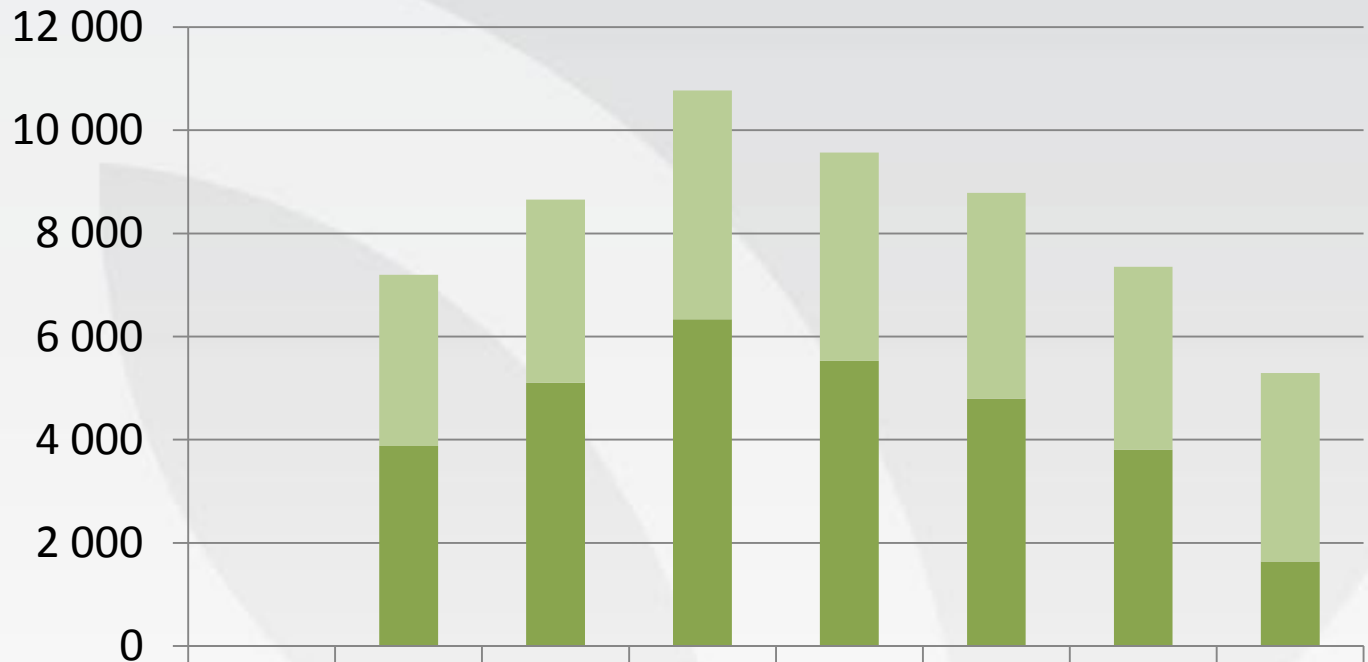
Costs of utility services in the period 09.2014-05.2015 (before the modernisation, approximately)



■ CO - season 2015-16	4 471	3 876	5 103	6 337	5 529	4 794	3 800	1 640
■ EL - season 2015-16	3 284	3 318	3 554	4 436	4 041	3 990	3 550	3 650
■ Sum CO+EL	7 755	7 194	8 658	10 773	9 570	8 784	7 350	5 290

Total energy costs– 65.375

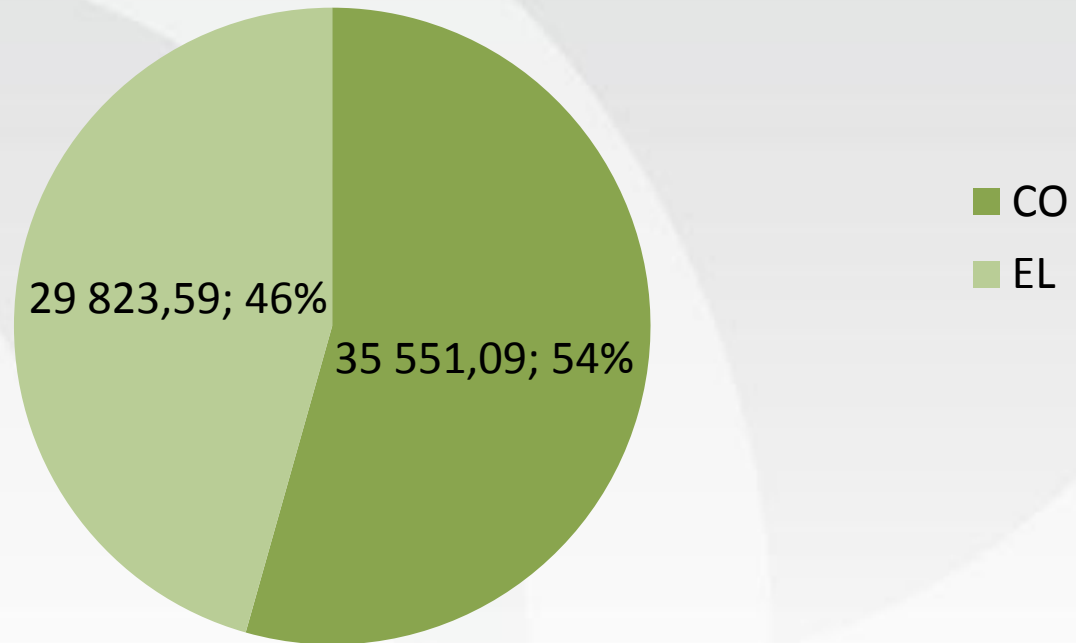
Costs of utility services in the period 09.2014-05.2015 (after the modernisation)



	X	XI	XII	I	II	III	IV	V
EL - season 2015-16	0	3 318	3 554	4 436	4 041	3 990	3 550	3 650
CO - season 2015-16	0	3 876	5 103	6 337	5 529	4 794	3 800	1 640

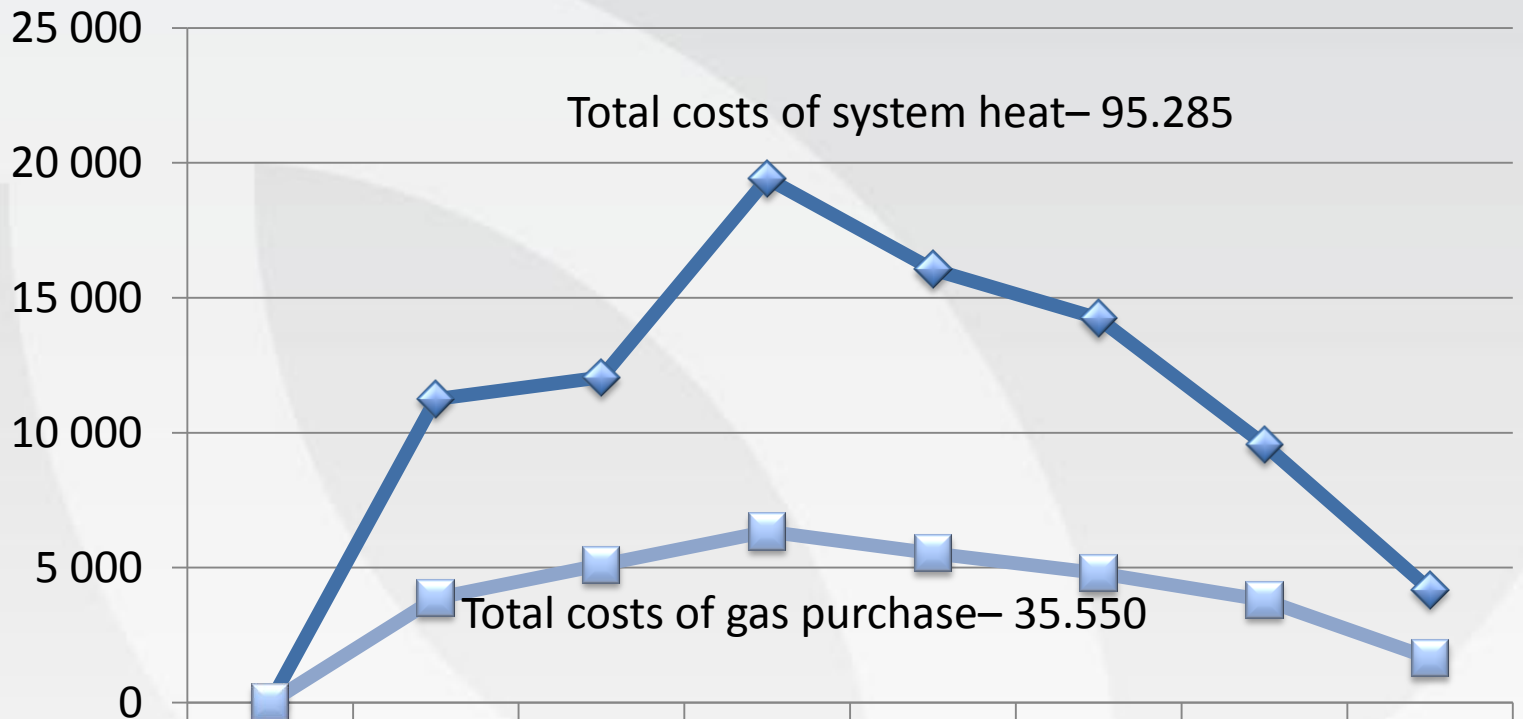
The proportion of the costs of particular energy sources in general utility costs

Energy costs 09.2015-05.2016
(after the modernisation)



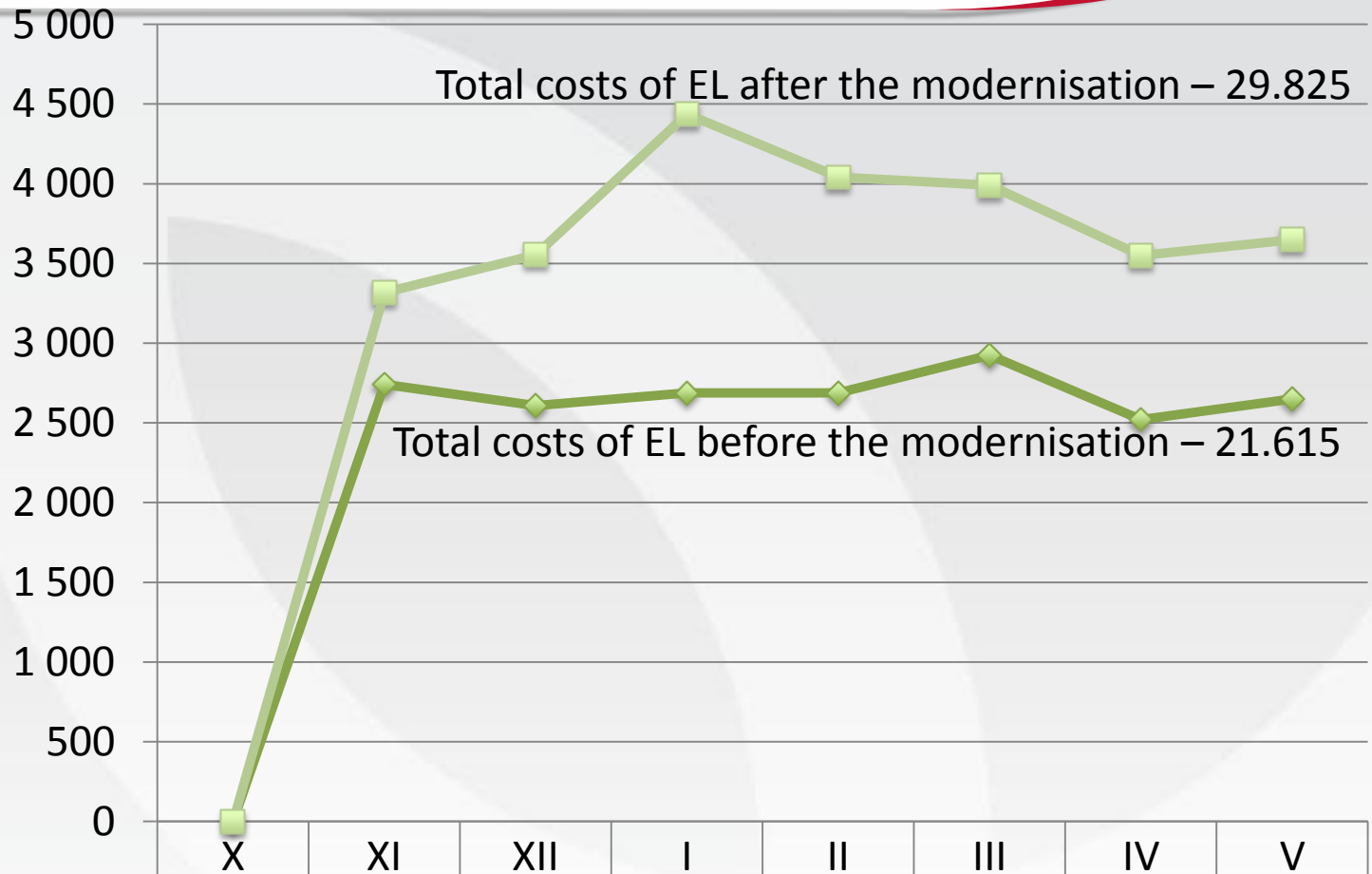
Total energy costs – 65.375

The comparison of annual heating costs



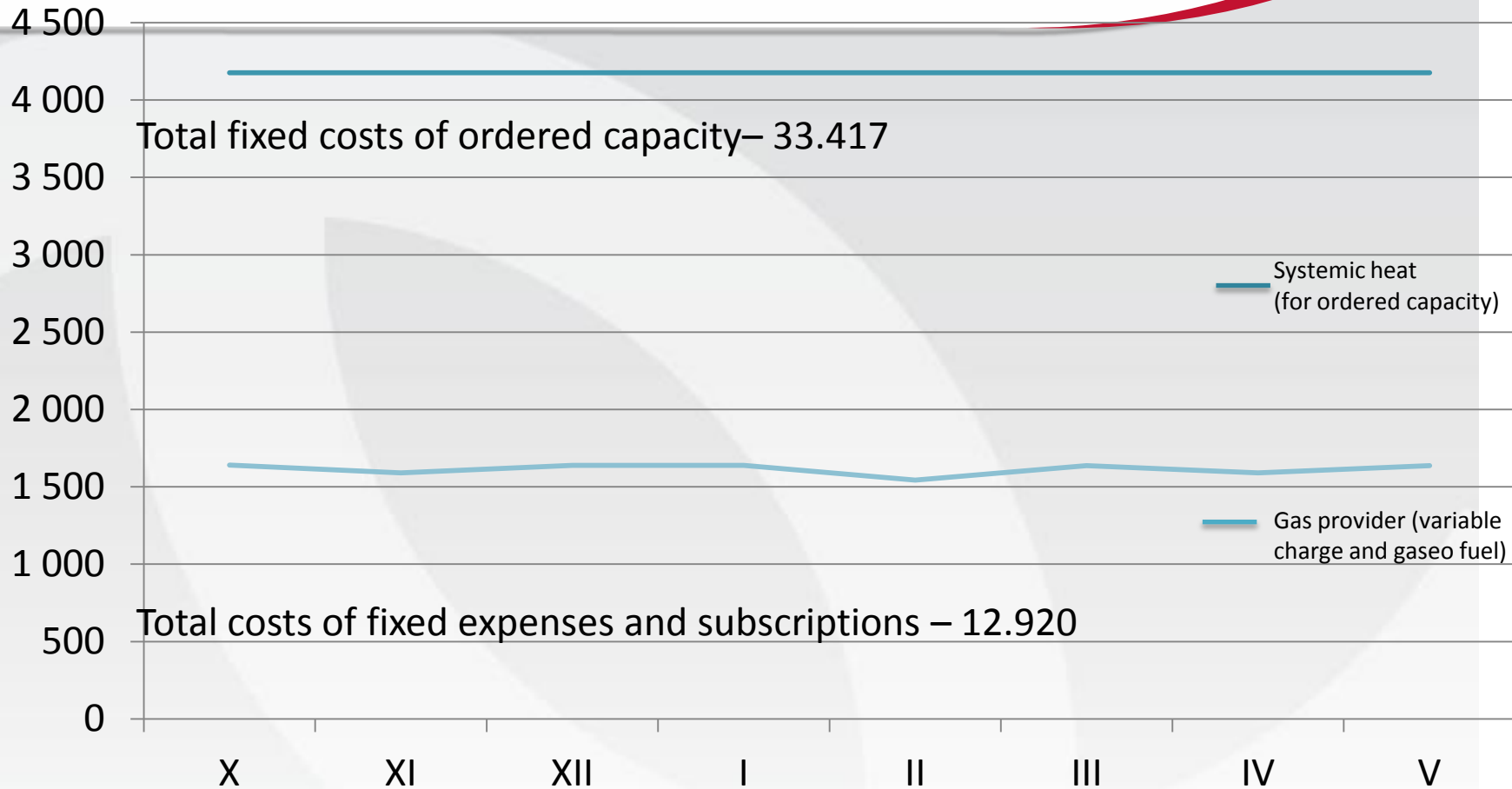
◆ season 2014-15	0	11 251	12 051	19 412	16 052	14 240	9 560	4 177
■ season 2015-16	0	3 876	5 103	6 337	5 529	4 794	3 800	1 640

The comparison of annual electric energy costs

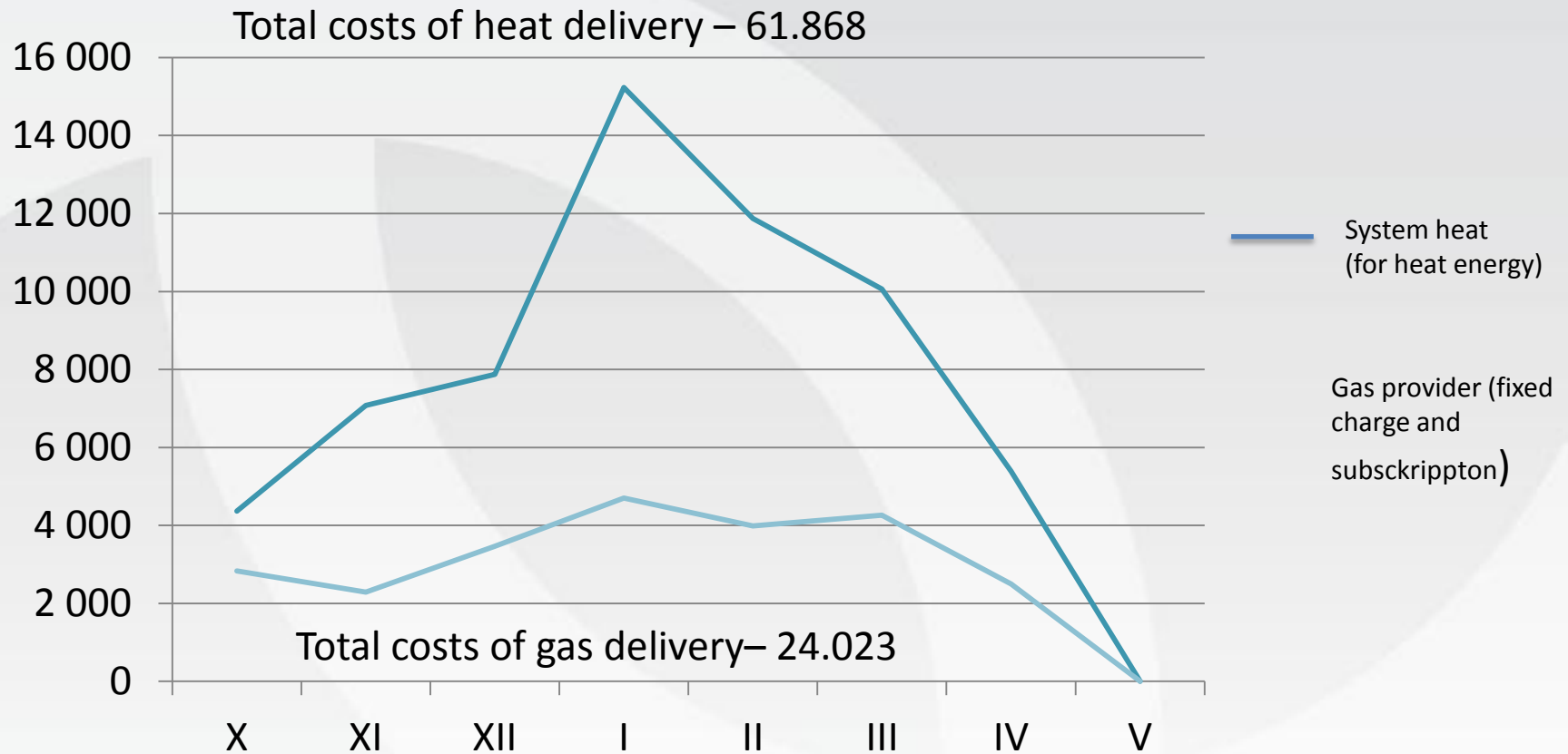


◆ season 2014-15	X	XI	XII	I	II	III	IV	V
◆ season 2014-15	0	2 742	2 608	2 687	2 687	2 925	2 521	2 651
■ season 2015-16	0	3 318	3 554	4 436	4 041	3 990	3 550	3 650

The comparison of the fixed costs related to heat delivery



The comparison of the variable expenses related to heat delivery



Energy delivered (in GJ)

