[15 oC]

Actual load change and technical data

The maximum load change data, day numbers of basic level service and the maximum permissible load change rate in the injection period are included in the following table:

Underground gas storage facilities	**Basic level service duration (day)**	**Time required for raising minimum level to maximum (h)**	**Maximum load change speed (thou.m^3/h/h)**	**Minimum ÷ maximum (Mm^3/d)**
Zsana UGS	1	11.0	60	1.2 ÷ 17.0
Hajdúszoboszló UGS	3	16.3	15; 30*	1.68 ÷ 10.3
Pusztaederics UGS	5	4.6	25	0.60 ÷ 3.36
Kardoskút UGS	2	7.5	10	0.84 ÷ 2.64

* The load change speed in Hajdúszoboszló is 15 thou.m^3/h/h below 4.8 Mm^3/d with one well group, while above 4.8 Mm^3/d with all well groups, it is 30 thou.m^3/h/h

The maximum load change data, basic level service day numbers and the maximum load change speeds in the withdrawal period are included in the following table:

Underground gas storage facilities	**Basic level service duration (day)**	**Basic level service with full well system (Mm^3/day)**	**Time required for raising basic level to maximum (h)**	**Maximum load change speed (thou.m^3/h/h)**	**Minimum with reduced well system ÷ maximum with full well system (Mm^3/d)**
Zsana UGS	1	1.44	8.5	130	1.44 ÷ 28.0
Hajdúszoboszló UGS	4	4.8	17.6	30; 24*	1.92 ÷ 16.0
Pusztaederics UGS	5	0.96	8.0	10	0.96 ÷ 2.88
Kardoskút UGS	5	1.0	7.9	10	0.48 ÷ 2.9

* The load change speed in Hajdúszoboszló with full well system is 30 thou.m^3/h/h between 4.8 and 10.0 Mm^3/d, while between 10.0 and 16.0 Mm^3/d with full well system it is only 24 thou.m^3/h/h.

Actual technical data:

Underground gas storage facilities	Working gas capacity [Million m^3]	Injection capacity [Million m^3/d]	Withdrawal capacity [Million m^3/d]	Well system [piece]
Zsana UGS	2 400	17.0	28.0	63
Hajdúszoboszló UGS	1 790	10.3	16.0	124
Pusztaederics UGS	340	3.36	2.88	31
Kardoskút UGS	320	2.64	2.9	29
Unified storage	4 850	33.3	49.78	247

* The maximum amount of mobile gas allowed in the underground gas storage facility is based on the decision of the Mining Authority (MEKH decision number: H3875/2024)