

STANDARD BUNDLED UNIT

The standard bundled unit (SBU) is defined by the technical parameters of the working volume and the associated injection curve and withdrawal curve.

Working volume for one standard bundled unit is 50.000.000 kWh.

1. withdrawal curve:

1.1. Mathematical description of dependence of the firm withdrawal capacity on the stored gas volume at a certain point

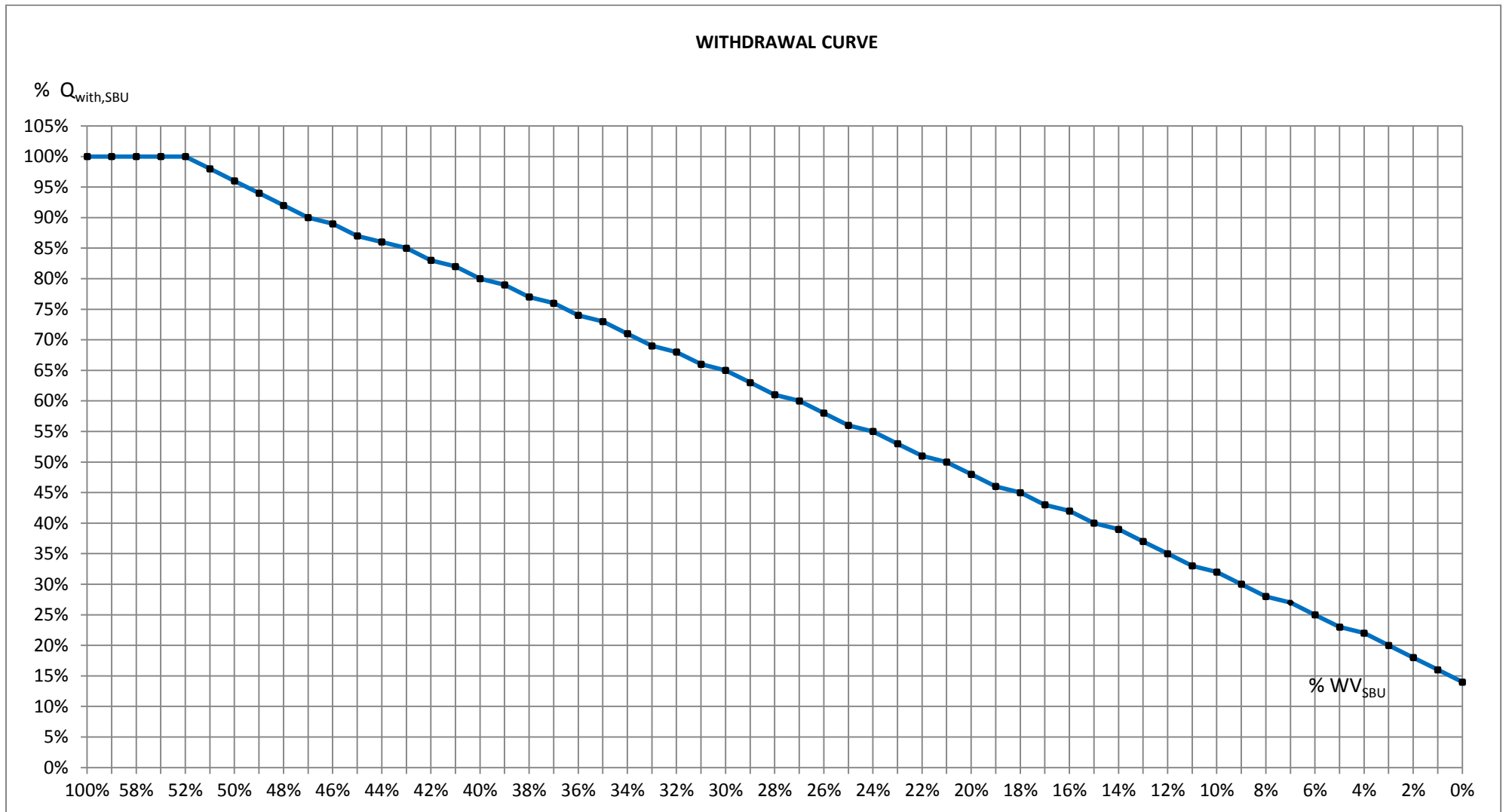
KRIVULJA POVLAČENJA SKLADIŠNA GODINA 2017 - 2021 WITHDRAWAL CURVE STORAGE YEAR 2017 – 2021			
RV_{SBU} WV_{SBU}	Q_{POV,SBU} Q_{WITH,SBU}	% RV_{SBU} % WV_{SBU}	% Q_{POV,SBU} % Q_{WITH,SBU}
<i>kWh</i>	<i>kWh/dan</i>	%	%
50.000.000	540.338	100%	100%
42.000.000	540.338	84%	100%
29.000.000	540.338	58%	100%
26.500.000	540.338	53%	100%
26.000.000	540.338	52%	100%
25.500.000	529.531	51%	98%
25.000.000	518.724	50%	96%
24.500.000	507.918	49%	94%
24.000.000	497.111	48%	92%
23.500.000	486.304	47%	90%
23.000.000	480.901	46%	89%
22.500.000	470.094	45%	87%
22.000.000	464.691	44%	86%
21.500.000	459.287	43%	85%
21.000.000	448.481	42%	83%
20.500.000	443.077	41%	82%

20.000.000	432.270	40%	80%
19.500.000	426.867	39%	79%
19.000.000	416.060	38%	77%
18.500.000	410.657	37%	76%
18.000.000	399.850	36%	74%
17.500.000	394.447	35%	73%
17.000.000	383.640	34%	71%
16.500.000	372.833	33%	69%
16.000.000	367.430	32%	68%
15.500.000	356.623	31%	66%
15.000.000	351.220	30%	65%
14.500.000	340.413	29%	63%
14.000.000	329.606	28%	61%
13.500.000	324.203	27%	60%
13.000.000	313.396	26%	58%
12.500.000	302.589	25%	56%
12.000.000	297.186	24%	55%
11.500.000	286.379	23%	53%
11.000.000	275.572	22%	51%
10.500.000	270.169	21%	50%
10.000.000	259.362	20%	48%
9.500.000	248.555	19%	46%
9.000.000	243.152	18%	45%
8.500.000	232.345	17%	43%
8.000.000	226.942	16%	42%
7.500.000	216.135	15%	40%
7.000.000	210.732	14%	39%

6.500.000	199.925	13%	37%
6.000.000	189.118	12%	35%
5.500.000	178.312	11%	33%
5.000.000	172.908	10%	32%
4.500.000	162.101	9%	30%
4.000.000	151.295	8%	28%
3.500.000	145.891	7%	27%
3.000.000	135.085	6%	25%
2.500.000	124.278	5%	23%
2.000.000	118.874	4%	22%
1.500.000	108.068	3%	20%
1.000.000	97.261	2%	18%
500.000	86.454	1%	16%
0	75.648	0%	14%

Due to roundup there is a possibility of a difference between chosen capacities calculated on the basis of a % and absolute values in table. The calculation of the storage volume level and capacity is done on the basis of roundup % values.

1.2. Graphical description of dependence of the firm withdrawal capacity on the stored gas volume at a certain point



2. Injection curve:

Mathematical description of dependence of the firm injection capacity of the stored gas volume at a certain point;

SKLADIŠNA GODINA 2017 - 2021 KRIVULJA UTISKIVANJA STORAGE YEAR 2017-2021 INJECTION CURVE			
RV_{SBU} WV_{SBU}	$Q_{UTIS,SBU}$ $Q_{INI,SBU}$	$\% RV_{SBU}$ $\% WV_{SBU}$	$\% Q_{UTIS,SBU}$ $\% Q_{INI,SBU}$
<i>kWh</i>	<i>kWh/dan - kWh/day</i>	<i>% kWh</i>	<i>% kWh/dan - % kWh/day</i>
< 46.500.000	405.253	-93,00%	100,00%
46.500.000 - 49.000.000	336.360	93% - 98%	83,00%
49.000.000 - 49.500.000	190.469	99,00%	47,00%
49.500.000 - 50.000.000	133.733	100,00%	33,00%