## Annex No. 7 - Chiren UGS working characteristics

Period	UGS regime Inj - Injection W - Withdrawal M - Maintenance	Estimated level of filling (mcm)	Estimated level of filling (GWh)	Estimated level of filling (%)
January	W	350	3 700	64
February	W	230	2 431	42
March	W	140	1 480	25
April	W, M	60	634	11
May	Inj	40	423	7
June	Inj	110	1 163	20
July	Inj	190	2 008	35
August	Inj	280	2 960	51
September	Inj	380	4 017	69
October	Inj, M	450	4 757	82
November	W	500	5 285	91
December	W	440	4 651	80

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Estimated Gross calorific value	10.57	kWh/m <sup>3</sup>
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	mcm	GWh
Maximum capacity	1300	13741
Total cushion gas	750	7928
Total working gas	550	5814
Reserve seasonal fluctuation up to	290	3065
Strategic reserve up to	70	740

Injection and withdrawal curves of Chiren UGS											
Capacity		Inject	ion								
Max daily	3.62	mcm/d	38263	MWh/d							
Min daily	0.5	mcm/d	5285	MWh/d							
Capacity		Withdr	awal								
Max daily	3.82	mcm/d	40377	MWh/d							
Min daily	0.5	mcm/d	5285	MWh/d							

