

Questionnaire

Gen	neral	
Busii	iness name of respondent: Rohoel-Aufsuchungs AG (RAG); 1015- Wien	
ral ex	xplanatory note: non-compliance is indicated by 🔲 or "n"	
Is ac	ccess to your storage system provided:	
(a)	on a regulated basis	
(b)	on a negotiated basis	
(c)	both (please provide comments below)	
	notes:	
Is ac	ccess provided:	
(a)	To a given storage facility	\boxtimes
(b)	to a group of storage facilities in the same balancing zone	
(c)	other (please provide comments below)	
	notes:	
If acc	swer that access is provided to a given storage facility/to a group of storage, please following answers will be interpreted accordingly cess to storage is not provided to individual storage facilities, please providing groups, how many sites within group) and specify how this is arranged:	
ansv	swer:	
How	v many system users own capacity rights (date of reference: 1 April 2005)?	
ansv	swer: 4	
Natio	onal framework:	
, ,	do you believe that there is a conflict between the requirements of the GGPSSO and national legislation that will materially affect either your interests or your ability to comply with the GGPSSO?	NO
(b)	if "yes", did you notify your relevant national regulatory authority (GGPSSO Scope and Objective)?	
(b)	if "yes", did you notify your relevant national regulatory authority (GGPSSO	





2 Roles and responsibilities of Storage System Operators

(a)	a separate entity (i.e. ownership unbundling)	
(b)	a separate entity (i.e. legal unbundling)	
(c)	part of a "combined operator" (i.e. combined transmission, LNG, storage and distribution storage operator, legally unbundled from other activities not relating to transmission, LNG, storage and distribution system operations)	
(d)	part of a vertically integrated company (i.e. unbundling of accounts)	
n th	e case of a SSO being part of a vertically integrated company:	
(a)	please provide details on the ownership structure. If an ownership diagram is avai attach it to the completed questionnaire.	lable, please
	details:	
(b)	please specify if you have drawn up a document setting out all the terms and conditions relating to storage use by the affiliate company (GGPSSO 1.3).	In proce To be draw presumably 2005
Plea	se specify if you (GGPSSO 1.2.b):	Γ
(a)	have developed and use standard storage contracts	
(b)	have developed and use a storage code (approved by national relevant regulatory authority)	
(c)	consulted users in developing the standard storage contracts or the storage code	
	se provide details on how the consultation process for developing tracts/storage code was conducted (relating to GGPSSO 1.2.b)	standard
(a)	bilateral contacts with some users	\boxtimes
(b)	bilateral contacts with all users and some prospects	
(c)	open consultation process, with some sort of public announcement (e.g. on company website, by press, at a conference)	
(d)	consultation process supervised by relevant national regulatory authority	
(-)	other (please specify below)	
	other (prease specify below)	



3 Necessary TPA services

3.1 Please provide the following data in normalised cubic meters (date of reference: 1 April 2005) (GGPSSO 3.1)

		Space	Injectability	Deliverability
(a)	technical capacity	700 10 ⁶	290.000	290.000
(b)	available capacity	100	0	0
(c)	contracted or held capacity	600 10 ⁶	290.000	290.000
(d)	any storage capacity not available to TPA on the grounds of article 2(9) of the Gas Directive, with substantiated reasons ¹	0	0	0
	notes:			
(e)	any other capacity excluded from TPA – other than the portion used for production operations and facilities reserved exclusively for the TSO	0	0	0
	notes:			

3.2 Please indicate if Public Service Obligations (PSO) in your country are placed on (relating to GGPSSO 3.2, 3.5, 3.6-3-15):

(a) the SSO	
(b) the shippers	
(c) no PSO	
(d) other	
notes:	

3.3 Capacity for Public Service Obligations (hereafter PSO):

(a)	is storage capacity needed for any PSO offered on a TPA basis? (GGPSSO 3.2)	Not applicable
		Reason: no PSO

3.4 If any capacity needed for any PSO is NOT offered on a TPA basis, please state why:

(a)	national legislation	Not applicable
		Reason: no PSO
(b)	other	Not applicable
		Reason: no PSO
	notes:	

¹ Storage facility means a facility used for the stocking of natural gas and owned and/or operated by a natural gas undertaking, including the part of LNG facilities used for storage but excluding the portion used for production operations, and excluding facilities reserved exclusively for transmission system operators in carrying out their functions



		provide the following data in normalised cubic met date of reference: 1 April 2005)	ers for PSO, w	here NO	Γ offe	ered on a TPA
			Space	Injecta	bility	Deliverability
	(a) no	ormalised cubic meters				
_ G	o you	ı offer the following services on the primary market	(GGPSSO 3.3,	3.5, 3.7):		
	(a) bu	undled services (SBU) of space and injectability/deliver	ability			\boxtimes
		service which includes an obligation for the SSO to allo	cate the gas wh	nich has		
,	(c) in	jection and withdrawal are possible at any time				
	no	otes: due to technical limitations only possible within ½	to 3 hours notic	e periode	(s. 3	.8).
Δ	Are the	e following services separately charged (GGPSSO 3	.3., 3.5, 3.7)?			
		service which includes an obligation for the SSO to allo	cate the gas wh	nich has		No
	(b) in	jection and withdrawal are possible at any time				No
	no	otes:				
		some services have NOT been introduced, please stion for the SSO to allocate according to nominations	state why (GGF	PSSO 3.4.	b, 3.5	5, 3.6, 3.7):
	(a)	consistent with the use of the interconnected gas tran	smission syster	n		
	(b)	not compatible with the balancing regime of the interctransportation system	onnected gas			
	Injectio	on and withdrawal possible at any time				
	(c)	storage technical constraints				
	(d)	economically use of the storage infrastructure				
	(e)	consistent with the use of the interconnected gas tran	smission syster	n		
	(f)	not consistent with PSOs				
	f any explair	of these services (please specify) has not been why	introduced for	any oth	er re	ason, please
	opera	nation: service not consistent with the Austrian market stor in order to fulfil nominations is not used in Austria; stat they have not injected themselves [concerning or street]	storage users ar			
		there are limitations on the offer of services on aints or the economically efficient use of the storag			stora	age technical
	(a) w	as it made public and substantiated (GGPSSO 3.4.b)?			No	ot applicable
					Serv	ice offered (see 3.6)
	re	asons for limitations: only technical constraints				· · · · · · · · · · · · · · · · · · ·



3.11	ase indicate if services offered have been developed with consultation of stop o account market demand. If "yes", please provide details on how the consult aducted (GGPSSO 3.4.a)					
	(a) bilateral contacts with some users					
	(b) bilateral contacts with all users and some prospects			\boxtimes		
	(c) open consultation process, with some sort of public announce company website, by press, at a conference)	(c) open consultation process, with some sort of public announcement (e.g. on company website, by press, at a conference)				
	(d) consultation process supervised by relevant national regulato					
	e) other (please specify below)					
	details on consultation process: was part of the process of co	oming to a co	ntractua	ıl agre	ement	
3.12	Please specify the minimum size for each service (GGPSS)	O 3.8) Space	Iniecta	hilitv	Deliverability	
	(a) bundled services (SBU) of space and injectability/deliverability	5 10 ⁶	210		2100	
	(b) injection and withdrawal are possible at any time		100	0	1000	
	thresholds (GGPSSO 3.8)? answer:				Yes	
	notes:					
3.14	Please specify the maximum duration for each service offered	by your SS	O (GGP	SSO 3	3.3.c)	
	(a) bundled services (SBU) of space and injectability/deliverabilit	у		2	22 years	
	(b) other services				5	
	notes:					
3.15	Please specify if you have developed information systems provide adequate data to storage users and to simplify transactions.			ommu	nications to	
		Email	Inte	ernet	Other	
	(a) nominations			<u> </u>		
	(b) capacity bookings			<u> </u>		
	(c) transfers of capacity rights between storage users		-			
	(d) other	Ш				
4 4.1	Storage capacity allocation and congestion manage What kind of capacity allocation mechanism do you apply (se	veral answe				
	What kind of capacity allocation mechanism do you apply (se applied different, depending on the storage facility/group of st	veral answe				
	What kind of capacity allocation mechanism do you apply (se applied different, depending on the storage facility/group of st	veral answe			50 4.1)	
	What kind of capacity allocation mechanism do you apply (se applied different, depending on the storage facility/group of state) (a) market-based (e.g. auctions)	veral answe			GO 4.1)	
	What kind of capacity allocation mechanism do you apply (se applied different, depending on the storage facility/group of storage (a) market-based (e.g. auctions) (b) first come first served	veral answe			SO 4.1)	



ls th	e capacity allocation mechanism designed:	
(a)	by the SSO	
(b)	by national legislation	
(c)	other (please specify below)	
	notes:	
	e these mechanisms and procedures been subject to consultation with stora se provide details on how the consultation process was conducted (GGPSSO	
(a)	bilateral contacts with some users	\boxtimes
(b)	bilateral contacts with all users and some prospects	
(c)	open consultation process, with some sort of public announcement (e.g. on company website, by press, at a conference)	
(d)	consultation process supervised by relevant national authority	
(e)	other (please specify below)	
	notes: mechanism and procedures have been developed historically and reflect to Austrian market.	he needs of the
In ca	ase of congestion, what kind of solution do you apply or plan to apply (GGPS	SO 4.2)
(a)	market based (e.g. auctions)	
(b)	pro rata	
(c)	other (please specify below)	
	notes: situation has not occurred sofar - no capacity congestion	
	In case congestion should occur a procedure will be set up by the SSO well in tin	ne
s th	e congestion management mechanism designed:	
(a)	by the SSO	
(b)	by national legislation	
(c)	other (please specify below)	
	notes: currently no congestion management mechanism applied as no capacity of in case of congestion a procedure will be set up by the SSO well in time	ongestion existing;
The	congestion management mechanism:	
(a)	has it ever been used?	
	notes: so far there has not been a need for a congestion management mechan congestion existing	nism – no capacity
	sed capacity (e.g. day-ahead release of non-nominated injectability a	and deliverability
(a)	do you offer all unused capacity on an interruptible basis?	No
	From SO's point of view currently no market demand; short term (day ahead) der	



ans	wer:	No
note	PS:	
Con	nfidentiality requirements	
Plea:	se indicate if you (GGPSSO 5.1.a-c):	
(a)	keep databases related to storage operations separate	
(b)	develop new IT systems for the storage business separately (when new IT systems are being developed in vertically integrated undertakings)	
(c)	ensure that no information available to the SSO concerning its storage business is passed to any other part of any affiliate of the company in advance of being provided to all market participants	
(d)	have drafted a code of conduct	
(e)	have implemented a compliance programme, supervised by a Compliance Officer	
	ese measures have been monitored or supervised externally, please specify 1.a-c)?	by whom (
	national regulatory authority	
	Traderial regulatory additionally	
(a)	another relevant national regulatory authority (please specify)	
(a) (b)	• • •	



5.3	Are the SSO and the supply business located in separate buildings (GGPSSO 5.1.d)?				
	answer:	No			

6 Transparency requirements

6.1 Are the following commercial terms published (GGPSSO 6.4.a-d):

		national language	In English	On the internet	Free of charge	Not applicable
(a)	if rTPA: tariffs and tariff methodologies for each service offered					
(b)	if nTPA: main commercial conditions including the prices for standard services					in process ¹
(c)	If nTPA: updates of main commercial conditions including the prices for standard services, whenever the SSO changes them					in process ¹
(d)	services offered					In process 1
(e)	storage code					In process 1
(f)	main storage standard conditions for each service					In process ¹
(g)	rights and responsibilities of all users					In process 1
(h)	rules (e.g. periods) for counter flows during injection and withdrawal					In process ²
(i)	rules of storage capacity transfer in case of customer switching (if any)					In process ²
(j)	storage capacity allocation provisions					No capacity allocation provisions applied
(k)	congestion management provisions					No congestion management provisions applied
(1)	anti-hoarding provisions					No anti- hoarding provisions applied
(m)	re-utilisation provisions					No re- utilisation provisions applied
(n)	auction terms (where applicable)					\boxtimes
(o)	rules applicable for storage capacity trade on the secondary market vis-à-vis the SSO					\boxtimes
(p)	rules and charges applicable to storage					\boxtimes



		In national language	In English	On the internet	Free of charge	Not applicable
	penalties from storage users					
(q)	compensation payments from the SSO to storage users					
(r)	user-friendly instruments for calculating charges for a specific service (e.g. a tariff calculator)					Not offered

¹ to be fulfilled presumably by Oct 2006

 $^{^2}$ general rules will be part of general terms and conditions (GTC) to be presumably published by Oct 2006; detailed rules: will be drawn up on demand or customer request



6.2 Is the following operational information published (GGPSSO 6.5.a-e, 6.6.a-c, 6.9, 6.10):

		In national language	In English	In energy units or ncm	Online information system	Free of charge
(a)	technical storage capacity		\boxtimes			
(b)	available storage capacity					
(c)	contracted or held storage capacity					
(d)	aggregated inflows and outflows at least on a weekly basis for the immediately preceding week					
(e)	historical utilization rates at least on a weekly basis for the immediately preceding week ¹					
(f)	user-friendly instruments for verifying online the level of available and/or unused storage capacity					
(g)	maps indicating the location of their storage facilities and the connecting points of the storage facilities to the relevant network ²					
(h)	methods of determining available storage capacity ³					
(i)	operational parameters, including the rules of ownership and use of working gas ⁴					
(j)	TSO's pre-emptive rights with operational rules and processes attached ⁵					
(k)	any storage capacity not available to TPA on the grounds of article 2(9) of the Gas Directive, with substantiated reasons ⁶					
(1)	all planned maintenance periods that might affect storage users' rights from storage contracts, at least once a year ⁷					
(m)	the operational information corresponding to planned maintenance periods with adequate advance notice ⁷					
(n)	regular updates on details, expected duration and effect of the maintenance ⁷					

¹ is intended to be published on a monthly basis only

² Will presumably be published by Oct 2006 the latest ³ internet published data about available capacity can only be informative. Therefore Rag prefers to provide firm and valid information about available storage capacity on request.

⁴ part of General Terms and Conditions that will presumably be available by Oct. 2006

⁵ there is no demand or request from any market participant for such information

⁶ Capacity available is offered by RAG as quick as possible directly to potential customers

 $^{^{7}}$ Austrian Control Area Manager (responsible – inter alia – for demand of balancing energy and management of network flows) is informed by RAG



Whe					
(a)	less than three users (information about the aggregate use of storage)				
(b)	three users or more, but still commercial sensitivity of information	⊠ ¹			
(c)	reasons of cost (or substantial IT development needed)	\boxtimes			
(d)	to avoid any potential market abuse				
(e)	to avoid significant harm to storage users commercial interest				
(f)	other (please specify below)				
	notes: The storage capacity is booked by 4 customers; RAG is in direct and regular contact with the customers; all information required is provided directly ,verbally or per e-mail. Furthermore we have no indications that there is any market demand for publication of additional data.				
	¹ contracts, terms and conditions notified to the NR				
any freq GGF ans	age, on the ground that such publication would harm the commercial internative data published (e.g. aggregate inflows and outflows on a mont uency- basis, non-numerical data)? Please specify and justify why this is the PSSO 6.3) wer: alternative data are not published, RAG clients on request have access to term	thly -or any of e case (relation			
any freq GGF ans of a cap	alternative data published (e.g. aggregate inflows and outflows on a mont uency- basis, non-numerical data)? Please specify and justify why this is the PSSO 6.3) Ewer: alternative data are not published, RAG clients on request have access to terrall storage contracts (except sensitive data) as well as the right for information about acity etc	thly -or any of e case (relation ms and condition to available			
any freq GGI ans of a cap	alternative data published (e.g. aggregate inflows and outflows on a mont uency- basis, non-numerical data)? Please specify and justify why this is the PSSO 6.3) Ewer: alternative data are not published, RAG clients on request have access to terrall storage contracts (except sensitive data) as well as the right for information about acity etc	thly -or any of e case (relation ms and condition to available			

answer: only for damages caused in case of proved intent and negligence.





8 Secondary markets

8.1 Are registered users allowed to trade in the secondary market (GGPSSO 9.1)

(a)	bundled services only	
(b)	both bundled and unbundled services	

8.2 Have you developed and used standardised contracts and procedures on the primary market to facilitate secondary trade of storage capacity (GGPSSO 9.1)?

8.3 Is there a clause in the storage code/contract referring to or addressing secondary storage capacity trading explicitly (relating to GGPSSO 9.1)?

answer:	no

8.4 Do you provide an electronic platform or bulletin board to facilitate secondary storage capacity trading (GGPSSO 9.2, 9.3)

answer: no	
------------	--

8.5 Have you taken any other steps to facilitate secondary storage capacity trading (GGPSSO 9.1)? Please specify how

answer: so far there has been no demand or request from market participants for that kind of provisions in Austria. If there is demand in the future and services may be offered under economic conditions it may be offered.



9 Implementation of the other GGPSSO requirements

9.1 Necessary TPA Services – please indicate if you:

		As of 1 April 2005	Planned date of introduction	Not applicable
(a)	offer unbundled services supplementing SBUs at least for available storage capacity at the beginning of the storage year (GGPSSO 3.3.b)			
(b)	offer short-term (<1 year) services down to a minimum period of one day (GGPSSO 3.3.c) 1			
(c)	offer both firm and interruptible storage services (GGPSSO 3.3.d)			

¹ From SO's point of view currently no market demand; therefore commercially not interesting for SO to offer said service; short term (day ahead) demand is covered by balancing energy market

9.2 Where not already provided, please provide brief details on steps you plan to take to facilitate their introduction

answer: Currently no concrete steps planned - RAG sees no market demand for offer of short-term (<1 year) services down to a minimum period of one day in Austria.

9.3 Secondary market – please indicate if you:

		As of 1 April 2005	Planned date of introduction	Not applicable
(a)	allow for title transfer for both bundled and unbundled capacities (GGPSSO 9.1)			
(b)	recognise the transfer of rights where notified by storage users for both bundled and unbundled capacities (GGPSSO 9.1)			
(c)	allow the new owner to aggregate such storage capacity operationally (GGPSSO 9.1)			

9.4 Where not already provided, please provide brief details on steps you plan to take to facilitate their introduction

answer: Generally RAG is open for any requests from customer side provided it is economic.



Appendix

Definitions

Available storage capacity means the part of the technical storage capacity that is not contracted or held by storage users at that moment and still available to the storage users for firm and interruptible services, and is not excluded from TPA under Article 2(9) of the Gas Directive (Definition 1 of the GGPSSO)

Storage capacity is space (expressed in normal cubic meters or energy), injectability and deliverability (expressed in normal cubic meters or energy per time unit). All of them can be firm or interruptible (Definition 17 of the GGPSSO)

Storage facility means a facility used for the stocking of natural gas and owned and/or operated by a natural gas undertaking, including the part of LNG facilities used for storage but excluding the portion used for production operations, and excluding facilities reserved exclusively for transmission system operators in carrying out their functions (Definition 18 of the GGPSSO)

Technical storage capacity is the maximum storage capacity (injectability, deliverability and space) that the SSO can offer to storage users, excluding storage capacity for SSOs operational needs