entsog – european network of transmission system operators for gas

Gas Infrastructure Europe

SYSTEM CAPACITY MAP 2024

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KEYS

Map points
- 01 Trading Points / Hubs / Market Areas
- 001 Cross-border interconnection point within EU and with non-EU (export)
- 001 Cross-border interconnection point with third country (import/export)
- 001 LNG Terminals' entry point intro transmission system
- LNG Export Terminal
- Small scale LNG liquefaction plant
- 001 Intra-country or intra balancing zone point
- 001 Virtual Point
- Cross-border Europe *Operational*
- Cross-border Europe *Under construction or Planned*
- Cross-border third country import/export *Under construction or Planned*
- LNG Import Terminal *Under construction or Planned*
- LNG Export Terminal *Under construction or Planned*
- Small scale LNG liquefaction plant *Under construction or Planned*
- Third country cross-border interconnection point

Note : numbered datapoints are covered in the capacity datatables

Transport by pipeline
- under 24"
- 24" to 36"
- 36" and over
- project
- not operational

Transport by tanker
- LNG route
- LNG route project

Gas Reserve areas
- gas field
- drilling platform

Gas storage facilities
- Acquifer
- Salt cavity - cavern
- Depleted (Gas) field on shore / offshore
- Other type
- Unknown
- Gas storage projects

Countries
- EU Countries
- Other Countries

The System Capacity Map 2024 presents existing gas infrastructure and capacity information for January 2024. Data presented in the capacity matrix were obtained from the ENTSOG members and approved by gas TSOs on December 2023. Cross border capacities within countries sharing the same balancing zone (Denmark-Sweden and Estonia-Latvia) are not considered.

The 2022 / 2023 historical data on gas demand and supply are presented aggregated in the form of charts (using data during summer 2022 and winter 2022/2023 to allow the analysis of gas storage usage) – these data are available in the ENTSOG Summer and Winter Review Reports.

Information regarding the gas storage fill rate was obtained from GIE AGSI platform.

The Country Profiles include demand data that represent actual country demand for the days / periods shown. Storages and LNG capacities were obtained from GIE AGSI / ALSI platforms according to the interconnection to the country's transmission system. Installed gas-fired power generation capacity was obtained from ENTSO-E Transparency Platform. The gas production data reflects the maximum deliverability achieved.

All data provided on this map is for information purposes and shall be treated as indicative and non-contractual in nature, without pre-empting different outcomes of any possible discussion held at regional level.

Under no circumstances shall it be regarded as information intended for commercial use.

polaris
Version : December 2023
WGS 84 / Pseudo-Mercator projection

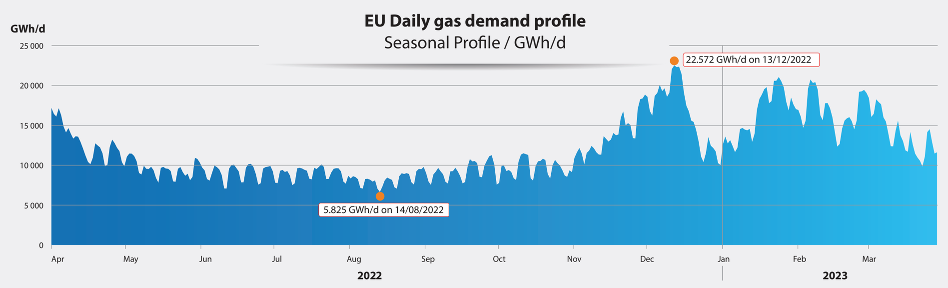
EUROPEAN DEMAND

EU Total 2022 4.508.997 GWh

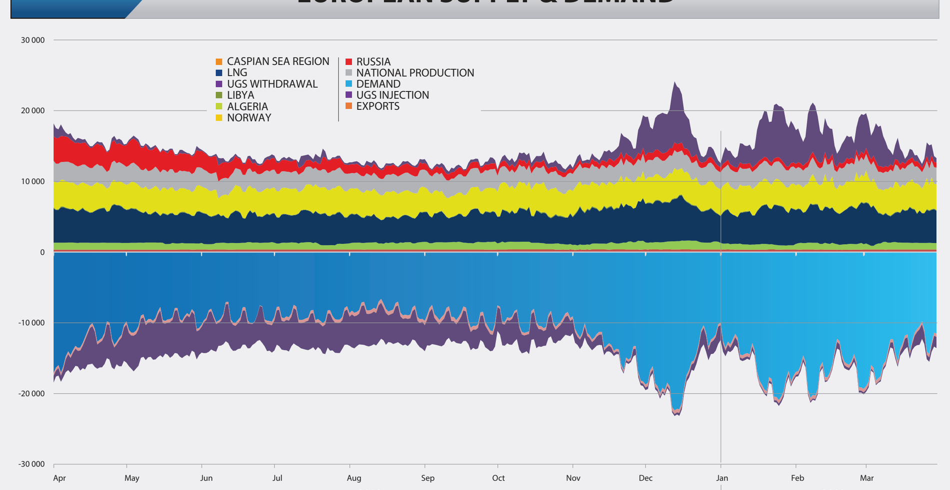
EU 1 Apr 2022 - 30 Sep 2022 (Summer) 1.620.800 GWh
EU Min. Day (14/08/2022) 5.825 GWh/d

EU 1 Oct 2022 - 31 Mar 2023 (Winter) 2.667.040 GWh
EU Max. Day (13/12/2022) 22.572 GWh/d

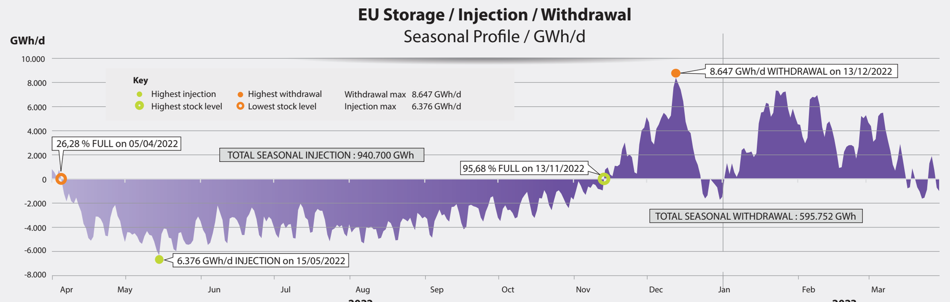
EU Daily gas demand profile
Seasonal Profile / GWh/d



EUROPEAN SUPPLY & DEMAND

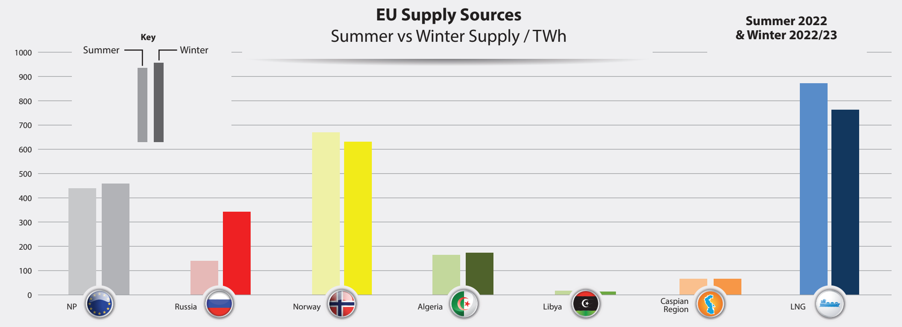


EU Storage / Injection / Withdrawal
Seasonal Profile / GWh/d



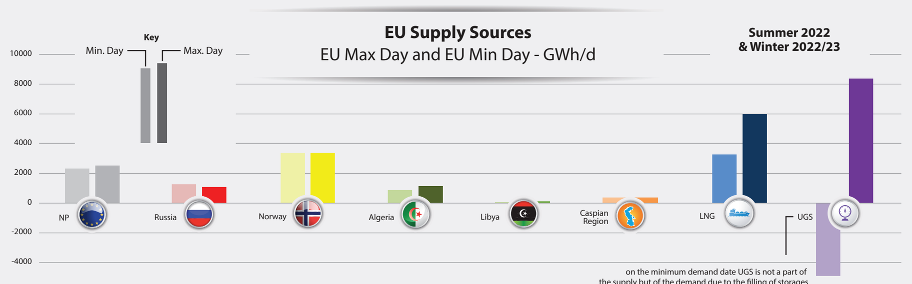
EU Supply Sources
Summer vs Winter Supply / TWh

Summer 2022 & Winter 2022/23



EU Supply Sources
EU Max Day and EU Min Day - GWh/d

Summer 2022 & Winter 2022/23



Import & Transmission Capacity

1 January 2024 (GWh/d) (Lesser Rule applied - Lowest value submitted by cross border TSOs)

Import Capacities (FROM → TO)

TO	CA	DZ	LNG	LY	NO	RU	Total
AT							
BA							
BE			669		488		1.157
BG						584	584
CH							
CZ							
DE			597		1.231		1.828
DK					322		322
EE							
ES		780	1.940				2.720
FI			146				146
FR			1.358		575		1.933
GR	390		225				615
HR			85				85
HU							
IE							
IT		1.154	663	494			2.311
LT			122			325**	447
LU							
LV						105**	105
MA							
MD							
MK							
MT			22				22
NL			864		964		1.828
PL			227				227
PT			200				200
RO							
RS							
RU							
SE							
SI							
SK						1.914	1.914
SM							
UA							
UK			1.616		1.499		3.116
Total	390	1.934	8.734	494	5.078	2.928	

Cross-Border Capacities (FROM → TO)

TO	AT	BE	BG	CH	CZ	DE	DK	EE	ES	FI	FR	GR	HR	HU	IT	LT	LV	MD	NL	PL	PT	RO	RS	SI	SK	UA	UK	Total
AT						370									194										1.570			2.134
BA																							14					14
BE						356					270								1.388								652	2.665
BG												173										231	350					754
CH						363					259				388													1.010
CZ						1.628																			395			2.023
DE	340	542		240	961		16				100								422									2.621
DK						124														91								215
EE										55							***											55
ES											165										80							245
FI								55																				55
FR		530		100		614			224																			1.468
GR			120																									120
HR														78										54				131
HU	153												51									73	246		129	517		1.170
IE																											387*	387
IT	1.176			640								494												26				2.336
LT																	82			21								103
LU		49				24																						73
LV								***								90												90
MA									32																			32
MD																						56						56
MK			33																									33
MT																												
NL		428				384																					168	980
PL					28	326	322									58									174	136		1.044
PT									144																			144
RO			184											77				22								202		485
RS			460											142														602
RU																114												114
SE							***																					
SI	113												8		39													159
SK	247				1.399									51						145						250		2.091
SM															4													4
UA														85											437			437
UK		803																	494									1.297
Total	2.029	2.352	797	980	2.388	4.189	338	55	400	55	794	667	59	348	625	262	82	22	2.303	257	80	360	610	79	2.705	1.105	1.207	

* Part of this technical capacity (89.3 GWh/day) is allocated to PTL for Northern Ireland.
** Part of these technical capacities is only available for transit to a third country.
*** Countries sharing the same gas balancing zone

How to read the tables

Nr	Location	System Operators : logos
001	Zeebrugge IZT	interconnector, fluxys (UK-BE)

System Operators		Capacity
Interconnector	→ Fluxys Belgium	651,7
Fluxys Belgium	→ Interconnector	803,4

Capacity 000.0 Max. technical physical capacity in GWh/d

000 Virtual point

Summer Capacity : indicated in case extra capacity is available during summer months

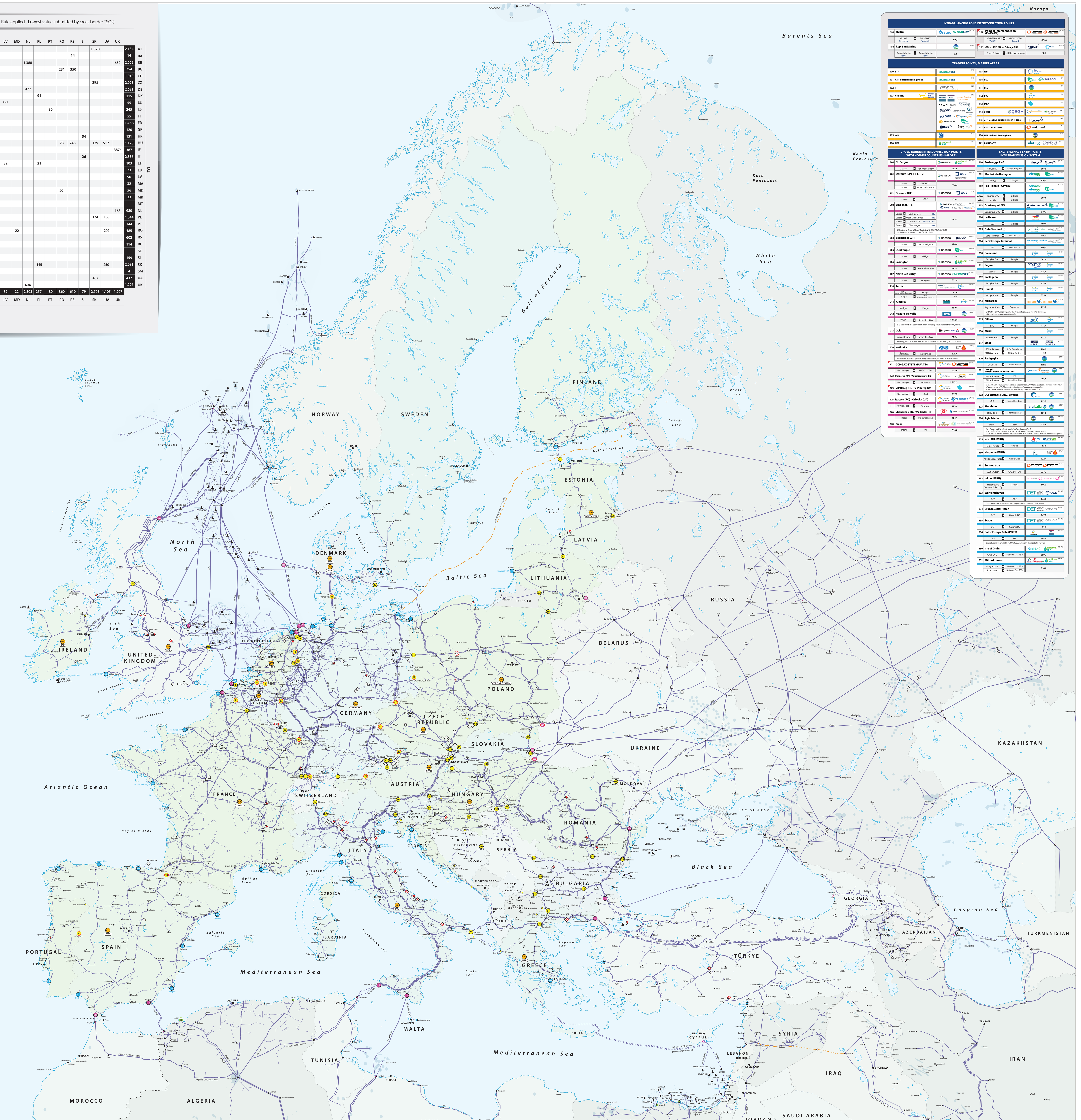
Where different Maximum Technical Capacities are defined by the neighbouring TSOs for the same Interconnection Point, the lesser rule is applied.
If capacity information is available only on one side of the border due to confidentiality reasons, the available figure is selected for publication.
Interconnections shown on map only when firm technical capacity is existing.

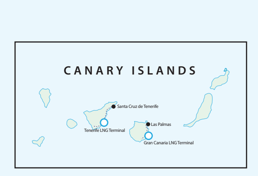
Data collection related to the situation on 1st of January 2024
Current capacity data can be found at https://transparency.entsog.eu

For more info :

CROSS-BORDER INTERCONNECTION POINTS WITHIN EU AND WITH NON-EU COUNTRIES (EXPORT)

Nr	Location	From	To	Capacity
001	Zeebrugge IZT	Interconnector	Fluxys Belgium	651,6
		Fluxys Belgium	Interconnector	803,4
002	VIRTUALYS	Fluxys Belgium	GRTgaz	360,0
		GRTgaz	Fluxys Belgium	270,0
	Virtualys is virtualising 'Alveringem' and 'Taisnières H/Blaregnies Segeo/Troll' since 1 Dec 2017			
003	Blaregnies L (BE) / Taisnières B (FR)	Fluxys Belgium	GRTgaz	170,0
004	VIP BENE L	Gasunie TS	Fluxys Belgium	595,6
005	VIP BENE	Fluxys Belgium	Gasunie TS	428,0
		Gasunie TS	Fluxys Belgium	792,0
006	VIP THE - ZTP	Open Grid Europe / Thyssengas / Fluxys TENP / GASCADE	Fluxys Belgium	356,0
		Fluxys Belgium	Open Grid Europe / Thyssengas / Fluxys TENP / GASCADE	542,0
008	Remich	Open Grid Europe	CREOS Luxembourg	24,0
009	VIP France-Germany	GRTgaz Deutschland / Open Grid Europe	GRTgaz	613,7
		GRTgaz	GRTgaz Deutschland / Open Grid Europe	100,0
10	Oltingue (FR) / Rodersdorf (CH)	GRTgaz	FluxSwiss / Swissgas	259,0
		FluxSwiss / Swissgas	GRTgaz	100,0
011	RC Basel	terranets bw	GVM	8,8
012	VIP THE - CH	Fluxys TENP / Open Grid Europe	FluxSwiss / Swissgas	345,0
		FluxSwiss	Fluxys TENP / Open Grid Europe	240,0
013	VIP TTF - THE H	Gasunie TS	GUD (Operator) / Thyssengas / GASCADE / OGE / Fluxys TENP	422,0
		GUD (Operator) / Thyssengas / GASCADE / OGE / Fluxys TENP	Gasunie TS	384,0
014	VIP TTF - THE L	Gasunie TS	Thyssengas (Operator) / OGE / GTG-Nord / GUD	686,4
015 (1)	Epe (DE) (Eneco) / Enschede (NL)	Gasunie TS	Eneco	46,8
		Eneco	Gasunie TS	93,6
	Epe (DE) (Nuon) / Enschede (NL)	Gasunie TS	Nuon	70,3
		Nuon	Gasunie TS	117,2
	Epe (DE) (RWE) / Enschede (NL)	Gasunie TS	RWE	47,7
		RWE	Gasunie TS	103,5
	(1) Interconnection points between German storages and GTS. The capacities indicated do not allow to enter the German transmission systems.			
016 (3)	Etzel (DE) (Crystal) / Oude Statenzijl (NL)	Crystal	Gasunie TS	76,5
		Gasunie TS	Crystal	56,4
	Etzel (DE) (EKB) / Oude Statenzijl Etzel (NL)	EKB	Gasunie TS	115,3
		Gasunie TS	EKB	74,9
	Etzel (DE) (OMV) Freya / Oude Statenzijl Etzel (NL)	OMV SSO	Gasunie TS	95,2
		Gasunie TS	OMV SSO	80,9
	Nüttermoor (DE) (EWE) (H) / Oude Statenzijl (H) (NL)	EWE Gasspeicher	Gasunie TS	55,0
		Gasunie TS	EWE Gasspeicher	59,0
	Nüttermoor H-1 (DE) (Uniper) Renato / Oude Statenzijl (NL)	EWE Gasspeicher	Gasunie TS	69,6
		Gasunie TS	EWE Gasspeicher	48,7
	(3) Interconnection points between German storages and GTS. The capacities indicated do not allow to enter the German transmission systems.			
017	Jemgum (DE) (astora) / Oude Statenzijl (NL)	astora	Gasunie TS	202,0
		Gasunie TS	astora	128,0
	Jemgum (DE) (EWE) / Oude Statenzijl (NL)	EWE Gasspeicher	Gasunie TS	202,0
		Gasunie TS	EWE Gasspeicher	128,0
018	Bacton (Interconnector / BBL)	National Gas TSO	Interconnector	651,6
		Interconnector	National Gas TSO	803,4
		National Gas TSO	BBL company	168,0
		BBL company	National Gas TSO	494,4
019	Moffat	National Gas TSO	GNI (UK) / Premier Transm.	386,6
	Part of this technical capacity (89,3 GWh/day) is allocated to PTL for Northern Ireland			
020	RC Lindau	bayernets / terranets bw	Vorarlberger Erdgas	25,4
021	VIP Kiefersfelden - Pfronten	bayernets	TIGAS, EWR	31,1
022	Haidach (AT) / Haidach USP (DE)	bayernets	astora / GSA LLC	230,1
		astora / GSA LLC	bayernets	280,5
023	Überackern SUDAL (AT) / Überackern 2 (DE)	GasConnect Austria	bayernets	174,6
		bayernets	Gas Connect Austria	114,0
	Überackern ABG (AT) / Überackern (DE)	Gas Connect Austria	bayernets / Open Grid Europe	6,0
	GCA's technical firm capacity at Überackern ABG is limited with a cluster capacity at Überackern SUDAL in the amount of 114,0 GWh/d in entry direction and 174,6 GWh/d in exit direction.			
024	Haiming 2 (7F)	bayernets / Open Grid Europe	Uniper ES	78,9
		Uniper ES	bayernets / Open Grid Europe	136,9
	Haiming 2 (RAGES/bn)	bayernets	RAG	32,0
		RAG	bayernets	40,1
025	VIP Oberkappel	GRTgaz Deutschland / Open Grid Europe	GasConnect Austria	199,4
		GasConnect Austria	GRTgaz Deutschland / Open Grid Europe	159,9
026	Tarvisio (IT) / Arnoldstein (AT)	TAG	Snam Rete Gas	1.176,1
		Snam Rete Gas	TAG	194,1
027	Griespass (CH) / Passo Gries (IT)	FluxSwiss / Swissgas	Snam Rete Gas	640,5
		Snam Rete Gas	FluxSwiss / Swissgas	374,8
028	Bizzarone	Snam Rete Gas		13,0
029	Gorizia (IT) / Šempeter (SI)	Snam Rete Gas	Plinovodi	39,0
		Plinovodi	Snam Rete Gas	25,8
030	Rogatec	Plinovodi	Plinacro Ltd	53,7
		Plinacro Ltd	Plinovodi	7,7
031	Murfeld (AT) / Ceršak (SI)	GasConnect Austria	Plinovodi	112,5
033	VIP PIRINEOS	Enagás	TERÉGA	224,4
		TERÉGA	Enagás	164,6
034	VIP IBERICO	Enagás	REN - Gasodutos	144,0
		REN - Gasodutos	Enagás	80,0
036	VIP DK - THE	Gasunie DTS / OGE	ENERGINET	123,6
		ENERGINET	Gasunie DTS / OGE	15,7
037	Faxe	ENERGINET	GAZ-SYSTEM	321,6
		GAZ-SYSTEM	ENERGINET	91,2
038	Mallnow	GASCADE	GAZ-SYSTEM (ISO)	277,6
039	GCP GAZ-SYSTEM/ONTRAS	ONTRAS	GAZ-SYSTEM	48,7
		GAZ-SYSTEM	ONTRAS	0,1
	According to Art. 19 (9) of CAM NC, ONTRAS and GAZ-SYSTEM agreed to offer the capacity at one virtual interconnection point - GCP GAZ-SYSTEM/ONTRAS			
040	VIP Brandov	GASCADE / ONTRAS / FLUXYS DTS / GUD	NET4GAS	1.628,0
		NET4GAS	GASCADE / ONTRAS / FLUXYS DTS / GUD	335,1
041	VIP Waidhaus	NET4GAS	GRTgaz Deutschland / Open Grid Europe	625,8
	No firm capacity is offered to exit from DE side, on CZ side an entry capacity of 120 GWh/d is available. Since 03/2019 VIP Waidhaus is in operation.			
042	Cieszyn (PL) / Český Těšín (CZ)	NET4GAS	GAZ-SYSTEM S.A.	28,0
	CZ > PL: 4,3 GWh/d from May to September			
043	Výrava	eustream	GAZ-SYSTEM S.A.	173,9
		GAZ-SYSTEM S.A.	eustream	144,5
045	Lanžhot	NET4GAS	eustream	1399,0
		eustream	NET4GAS	395,2
046	Baumgarten	TAG / Gas Connect Austria	eustream	246,5
		eustream	TAG / Gas Connect Austria	1.570,4
047	Mosonmagyaróvár	Gas Connect Austria	FGSZ	153,1
048	Dolni Bojanovice	SPP Storage	eustream	95,6
		eustream	SPP Storage	74,3
	Capacity is offered with the aggregated capacity of the IP Lanžhot			
049	Láb (SK) / Láb IV (AT)	Gas Connect Austria	NAFTA / POZAGAS	138,3
		NAFTA / POZAGAS	Gas Connect Austria	138,3
050	Balassagyarmat (HU) / Veľké Zlievce (SK)	FGSZ	eustream	50,9
		eustream	FGSZ	129,0
051	Kulata (BG) / Sidirokastron (GR)	Bulgartransgaz	DESFA	120,4
		DESFA	Bulgartransgaz	66,6
052	Ruse (BG) / Giurgiu (RO)	Bulgartransgaz	Transgaz	26,7
		Transgaz	Bulgartransgaz	43,8
053	Negru Voda I (RO) / Kardam (BG)	Bulgartransgaz	Transgaz	157,7
		Transgaz	Bulgartransgaz	187,6
054	Kyustendil (BG) / Zidilovo (MK)	Bulgartransgaz	GA-MA - Skopje	33,3
055	Kireevo (BG) / Zaychar (RS)	Bulgartransgaz	GASTRANS	406,5
		GASTRANS	Bulgartransgaz	342,3
056	Kalotina (BG) / Dimitrovgrad (RS)	Bulgartransgaz	GASTRANS	53,2
		GASTRANS	Bulgartransgaz	7,8
057	Dravaszerdahely	Plinacro	FGSZ	50,9
		FGSZ	Plinacro	77,2
058	Kiskundorozsma	I FGSZ	Transportgas	142,0
		II Gastrans	FGSZ	245,8
059	Csanadpalota	FGSZ	Transgaz	77,5
		Transgaz	FGSZ	73,4
060	Zvornik	Srbijagas	BH-gas	14,0
061	Balticconnector	Gasgrid Finland	Elering	78,0
		Elering	Gasgrid Finland	70,5
	Expected capacity after recommissioning and enhancing of the regional gas system			
062	Kiemenai	Amber Grid	Conexus	90,0
		Conexus	Amber Grid	82,0
063	Šakiai	Amber Grid	Gazprom	114,2
064	Luhamaa	Conexus	Gazprom	105,0
		Gazprom	Conexus	105,0
	This is a virtual transit point trough Estonia between Russia and Latvia. No metering station in Estonia.			
065	Santaka	GAZ-SYSTEM	Amber Grid	21,4
		Amber Grid	GAZ-SYSTEM	58,1
066	Budince	eustream	Ukrtransgaz	436,8
		Ukrtransgaz	eustream	249,6
067	Ungheni	Vestmoldtransgaz	Transgaz	21,6
		Transgaz	Vestmoldtransgaz	55,7
070	Melendugno - IT / TAP	TAP	SNAM Rete Gas	494,3
071	Nea Mesimvria	TAP	DESFA	53,4
072	IP Stara Zagora	ICGB	Bulgartransgaz	106,0





INTRABALANCING ZONE INTERCONNECTION POINTS

Nr	Location	From	To	Capacity
150	Nybro	Ørsted Denmark	ENERGINET Denmark	528,0
151	Rep. San Marino	Snam Rete Gas Italy	Snam Rete Gas Italy	4,3
152	Point of Interconnection (PWP) (PL)	GAZ-SYSTEM (ISO) YAMAL	GAZ-SYSTEM Poland	277,6
153	GDLux (BE) / Bras Petange (LU)	Fluxys Belgium	CREOS Luxembourg	48,8

TRADING POINTS / MARKET AREAS

Nr	Location	Nr	Location
400	ETF	407	IBP
401	GTF (Bilateral Trading Point)	408	PEG
402	TTF	411	PSV
403	VHP-THE	412	PVB
405	OTE	413	MGP
406	NBP	414	CEGH
		415	ZTP (Zeebrugge Trading Point H-Zone)
		417	VTP-GAZ-SYSTEM
		420	HTP (Hellenic Trading Point)
		421	BALTIC-VTP

CROSS-BORDER INTERCONNECTION POINTS WITH NON-EU COUNTRIES (IMPORT)

Nr	Location	From	To	Capacity
200	St. Fergus	Gassco	National Gas TSO	705,8
201	Dornum (EPT1 & EPT2)	Gassco	Gasunie DTS / Open Grid Europe	576,6
202	Dornum THE	Gassco	OGE	153,9
203	Emden (EPT1)	Gassco	Gasunie DTS (THE) / Open Grid Europe (THE) / Gasunie TS (Netherlands) / Thyssengas (THE)	1.465,5
	GTS entries at Emden EPT and Bunde/OSZ (OGE, GUD-H, GASCADE) are limited by a cluster capacity of 1.517,9 GWh/d			
204	Zeebrugge ZPT	Gassco	Fluxys Belgium	488,4
205	Dunkerque	Gassco	GRTgaz	575,0
206	Easington	Gassco	National Gas TSO	793,3
207	North Sea Entry	Gassco	Energinet	321,6
210	Tarifa	EMPL	Enagás	442,9
		Enagás	EMPL	31,9
211	Almeria	Medgaz	Enagás	337,1
212	Mazara del Vallo	TPMC	Snam Rete Gas	1.154,5
	SRG entry points at Mazara and Gela are limited by a cluster capacity of 1385,3 GWh/d			
213	Gela	Green Stream	Snam Rete Gas	493,7
	SRG entry points at Mazara and Gela are limited by a cluster capacity of 1385,3 GWh/d			
220	Kotlovka	Gazprom Transgaz Belarus	Amber Grid	325,4
	Part of these technical capacities is only available for gas transit to a third country.			
221	GCP GAZ-SYSTEM/UA TSO	Ukrtransgaz	GAZ-SYSTEM	135,6
222	Uzhgorod (UA) - Velké Kapušany (SK)	Ukrtransgaz	eustream	1.913,6
223	VIP Bereg (HU) / VIP Bereg (UA)	Ukrtransgaz	FGSZ	517,5
225	Isaccea (RO) - Orlovka (UA)	I Ukrtransgaz	Transgaz	201,9
226	Strandzha 2 (BG) / Malkoclar (TR)	Botas	Bulgartransgaz	584,1
240	Kipoi	TANAP	TAP	390,0

LNG TERMINAL'S ENTRY POINTS INTO TRANSMISSION SYSTEM

Nr	Location	From	To	Capacity
300	Zeebrugge LNG	Fluxys LNG	Fluxys Belgium	668,9
301	Montoir de Bretagne	Elengy	GRTgaz	320,5
302	Fos (Tonkin / Cavaou)	Fos Cavaou: Fosmax LNG / Fos Tonkin: Elengy	GRTgaz	368,6
303	Dunkerque LNG	Dunkerque LNG	GRTgaz	519,2
304	Le Havre	TELSF	GRTgaz	150,0
305	Gate Terminal (I)	Gate Terminal	Gasunie TS	504,0
306	EemsEnergy Terminal	EET	Gasunie TS	360,0
310	Barcelona	Enagás (LSO)	Enagás	542,9
311	Sagunto	Saggas	Enagás	278,3
312	Cartagena	Enagás (LSO)	Enagás	375,8
313	Huelva	Enagás (LSO)	Enagás	375,8
314	Mugardos	Reganosa (LSO)	Reganosa	115,2
	Until 04/04/2017 Enagás reported the data at Mugardos on behalf of Reganosa, which is the actual operator at this point			
315	Bilbao	BBG	Enagás	222,4
316	Musel	Musel E-Hub	Enagás	222,7
317	Sines	REN Atlântico	REN Gasodutos	200,0
		REN Gasodutos	REN Atlântico	5,0
320	Panigaglia	GNL Italia	Snam Rete Gas	109,0
321	Rovigo (Porto Levante / Adriatic LNG)	GNL Adriatico	ITG / Snam Rete Gas	288,5
	In the integrated management of the whole gas system, SNAM carries out some activities on the basis of an agreement with ITG (capacity allocation and management, balancing). In this context, data for Rovigo IP are published by SNAM on behalf of ITG.			
322	OLT Offshore LNG / Livorno	OLT	Snam Rete Gas	113,8
323	Piombino	FSRU Italia	Snam Rete Gas	151,6
324	Agia Triada	DESFA	DESFA	224,6
	Revythoussa LNG Terminal is located on Revythoussa island. Agia Triada is the Entry Point in DESFA's NGTS (Natural Gas Transmission System) and is located on the continent. It communicates with the LNG Terminal with two underwater pipelines.			
325	Krk LNG (FSRU)	LNG Hrvatska	Plinacro	85,0
330	Klaipėda (FSRU)	AB Klaipėdos Nafta	Amber Grid	122,4
331	Świnoujście	GAZ-SYSTEM	GAZ-SYSTEM	227,3
332	Inkoo (FSRU)	Floating LNG Terminal Finland Oy	Gasgrid	146,0
333	Wilhelmshaven	DET	OGE	244,8
	Capacities shown refer to 01.01.2024. Capacity increase during 2024 is planned			
334	Brunsbuettel Hafen	DET	Gasunie DE	147,7
335	Stade	DET	Gasunie DE	96,9
336	Baltic Energy Gate (PORT)	DRG	NEL	144,0
	Capacities shown refer to 01.01.2024. Capacity increase during 2024 is planned			
350	Isle of Grain	Grain LNG	National Gas TSO	699,7
351	Milford Haven	Dragon LNG / South Hook	National Gas TSO	916,8

Country profiles

Total 2022: 1 Jan 2022 to 31 Dec 2022
Summer: 1 Apr 2022 to 30 Sep 2022
Winter: 1 Oct 2022 to 31 Mar 2023

DEMAND / PRODUCTION / STORAGE CAPACITIES / LNG CAPACITIES / POWER GENERATION

Country	Total 2022 (GWh)	Summer (GWh)	Winter (GWh)	Max. Day (GWh/d)	Min. Day (GWh/d)	EU Max. Day (GWh/d)	EU Min. Day (GWh/d)	Maximum Production (GWh/d)	Deliverability (GWh/d)	Injection (GWh/d)	WGV (GWh)	Send-out (GWh/d)	Storage (Mcm)	Installed gas-fired capacity (MWe)
AUSTRIA	72.120	22.896	52.425	284 (08/02/2023)	78 (24/07/2022)	273	84	20	1.071	852	97.644	-	-	4.206
BELGIUM	154.113	60.583	81.648	755 (25/01/2023)	206 (09/07/2022)	746	258	-	170	88	9.130	669	566	6.915
BOSNIA-HERZ.	2.056	501	1.395	13 (08/02/2023)	1 (05/06/2023)	10	2	-	-	-	-	-	-	-
BULGARIA	28.203	10.761	14.940	118 (08/02/2023)	39 (14/08/2022)	109	39	-	41	41	5.890	-	-	1.331
CROATIA	24.479	8.708	14.455	125 (08/02/2023)	33 (05/06/2022)	99	43	18	52	44	4.773	86	140	766
CZECH REPUBLIC	81.203	25.586	51.497	454 (14/12/2022)	75 (23/07/2022)	454	84	5	696	512	44.583	-	-	1.240
DENMARK	20.801	7.055	12.940	149 (16/12/2022)	19 (24/07/2022)	124	23	26	180	91	9.845	-	-	1.568
ESTONIA	3.770	1.133	2.178	23 (07/01/2023)	3 (25/06/2022)	17	4	-	-	-	-	-	-	110
FINLAND	11.833	4.560	5.924	66 (09/03/2023)	13 (08/10/2022)	54	22	1	-	-	-	146	-	1.780
FRANCE	429.707	138.442	276.604	2.628 (12/12/2022)	433 (07/08/2022)	2.585	454	24	2.488	1.131	134.351	1.358	1.340	12.893
N. MACEDONIA	2.957	874	1.952	18 (06/02/2023)	0 (26/06/2022)	14	5	-	-	-	-	-	-	251
GERMANY	813.921	229.220	531.200	4.637 (14/12/2022)	690 (14/08/2022)	4.558	690	174	6.806	4.262	254.673	-	-	31.808
GREECE	58.795	26.244	27.985	241 (05/12/2022)	59 (10/04/2022)	215	132	-	-	-	-	225	225	6.030
HUNGARY	100.041	29.372	60.947	538 (06/02/2023)	82 (13/05/2022)	503	88	127	799	455	69.854	-	-	3.150
IRELAND	56.596	27.425	29.572	265 (15/12/2022)	94 (11/06/2022)	223	163	30	-	-	-	-	-	4.265
ITALY	718.480	271.875	394.777	3.491 (09/02/2023)	686 (14/08/2022)	3.478	686	95	2.916	1.699	195.844	707	617	44.215
LATVIA	8.777	2.179	6.318	76 (15/12/2022)	3 (24/06/2022)	68	4	-	74	128	22.600	-	-	1.157
LITHUANIA	15.657	5.315	7.509	88 (14/12/2022)	10 (17/09/2022)	84	27	-	-	-	-	116	167	1.518
LUXEMBURG	6.803	2.204	4.182	36 (13/12/2022)	6 (13/08/2022)	36	6	-	-	-	-	-	-	70
NETHERLANDS	297.122	112.928	170.325	1.694 (13/12/2022)	371 (03/09/2022)	1.694	376	900	2.843	1.402	142.529	768	695	18.351
POLAND	171.438	62.743	106.054	811 (14/12/2022)	217 (28/08/2022)	775	236	82	596	345	37.511	220	320	3.789
PORTUGAL	59.894	30.338	26.516	239 (30/11/2022)	53 (25/12/2022)	155	126	-	86	24	3.570	200	390	4.585
ROMANIA	100.001	29.985	64.669	584 (09/02/2023)	96 (10/07/2022)	473	125	275	312	259	33.864	-	-	1.988
SERBIA	28.406	8.484	20.024	169 (06/02/2023)	26 (08/08/2022)	149	30	6	51	28	4.396	-	-	608
SLOVAKIA	48.296	14.886	30.795	258 (07/02/2023)	48 (10/09/2022)	238	49	2	492	411	36.826	-	-	-
SLOVENIA	9.044	3.332	5.306	44 (07/02/2023)	10 (01/08/2021)	39	12	-	-	-	-	-	-	618
SPAIN	359.621	164.811	175.911	1.463 (01/03/2023)	515 (25/12/2022)	902	698	4	241	167	34.090	1.940	3.317	29.903
SWEDEN	6.466	2.622	3.608	47 (15/12/2022)	9 (10/09/2022)	37	11	0.3	9	6	102	-	-	-
SWITZERLAND	31.281	8.844	20.680	189 (13/12/2022)	21 (30/07/2022)	189	25	-	-	-	-	-	-	-
UNITED KINGDOM	787.116	306.894	464.704	4.477 (15/12/2022)	1.004 (12/06/2022)	4.271	1.324	1.567	-	-	-	-	-	-