

SYSTEM DEVELOPMENT MAP 2013

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The System Development Map 2013 presents existing infrastructure & capacity and planned infrastructure & capacity outlook from the perspective of the year 2013. The respective data are based on the 2nd edition of ENTSOG Winter Supply Outlook 2013/14, ENTSOG Summer Supply Outlook 2013, GIE 2013 Storage Map, GIE 2013 LNG Map and ENTSOG SOGAF 2013/2016 (unless respective ENTSOG members provided their own data). The 2013 historical data on demand & supply incl. the winter 2013-2014, are based on data from the TSOs and GIE AGG and AGG+ Platforms.

The Country Profiles present transmission capacities between countries (after application of the Lessor-of-rules, storage & LNG capacities according to the interconnection to the country's transmission system and installed gas-fired power generation capacity, and the capacity outlook for the next 5 years. The gas production reflects the maximum deliverability achieved. The demand data represent actual country demand for the respective days/periods.

All data provided in the map are for information purposes and shall be treated as indicative only. Under no circumstances shall they be regarded as data for commercial use.

* If a storage facility is connected to a transmission system in a different country from where it is located, the respective storage capacity is included under the country to which the storage is connected.

KEYS

Countries

- ENTSO-G Member Countries
- ENTSO-G Associated Partner
- ENTSO-G Observers
- Other Countries

Transport by pipeline

- under 24"
- 24" to 36"
- 36" and over
- project

Gas Reserve areas

- gas field
- drilling platform

Gas storage facilities

- Acquirer
- Salt cavity - common
- Depleted (gas) field - on shore / offshore
- Other types
- Unknown
- Storage projects
- multiple storage facilities operated by different TSOs

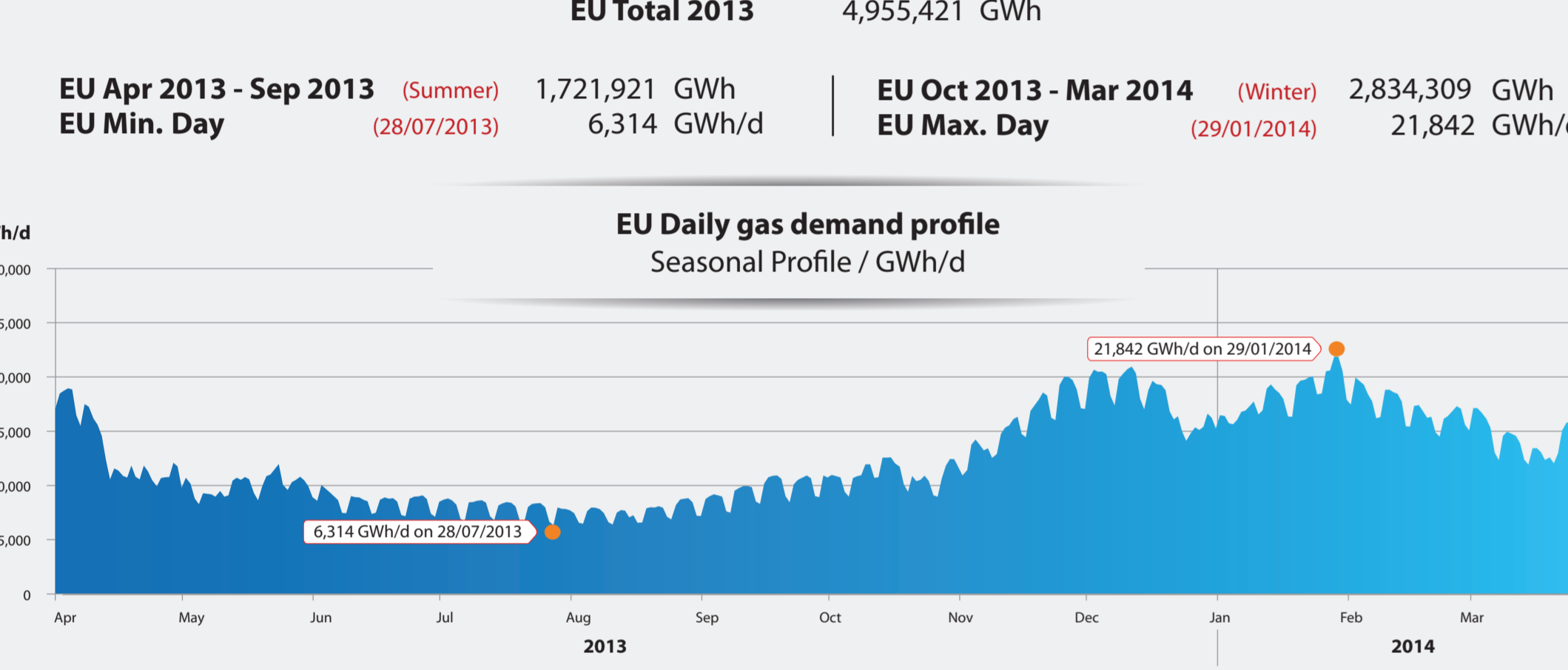
Map points

- Trading Points / Market Areas
- Intra-country or intra balancing zone points
- Cross-border interconnection point within Europe
- Cross-border interconnection point with third country (import/export)
- LNG Terminal entry point into transmission system
- LNG Export Terminal
- Small scale LNG liquefaction plant
- Third country cross-border interconnection point
- 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

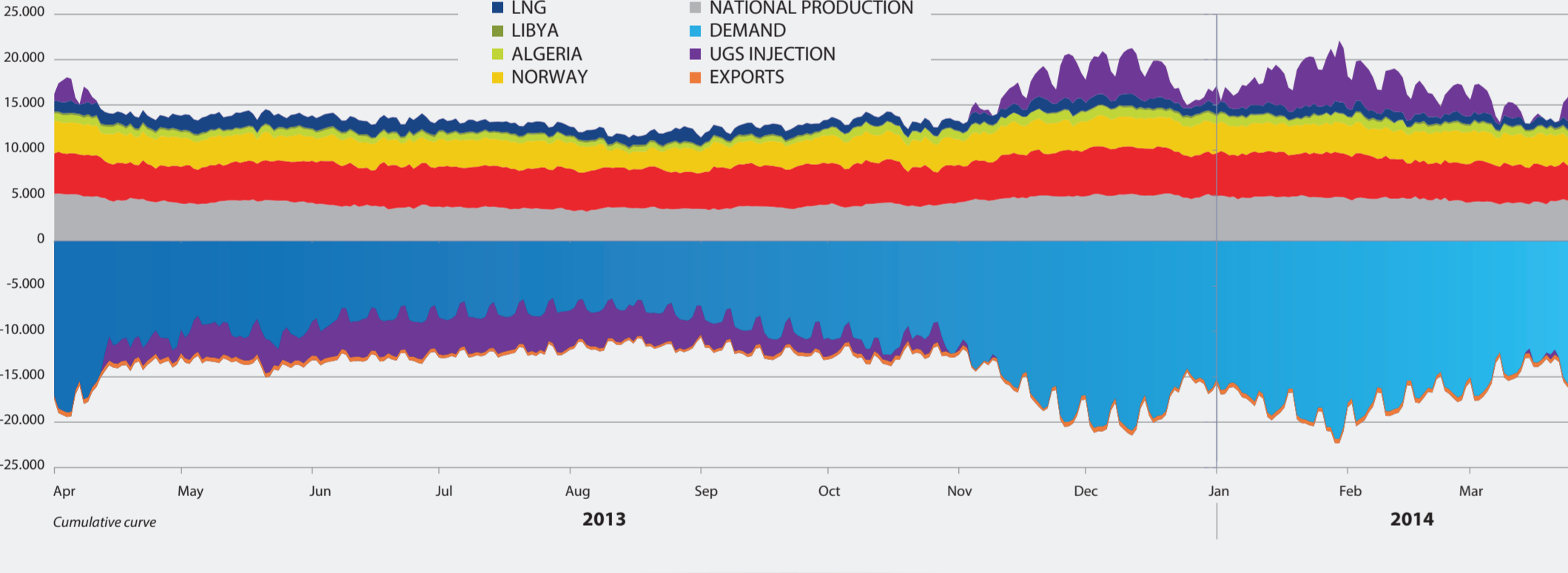
Data keys

- NATIONAL PRODUCTION
- RUSSIA
- NORWAY
- ALGERIA
- LIBYA
- UGS
- LNG STORAGE
- Outlook for the next 5 years

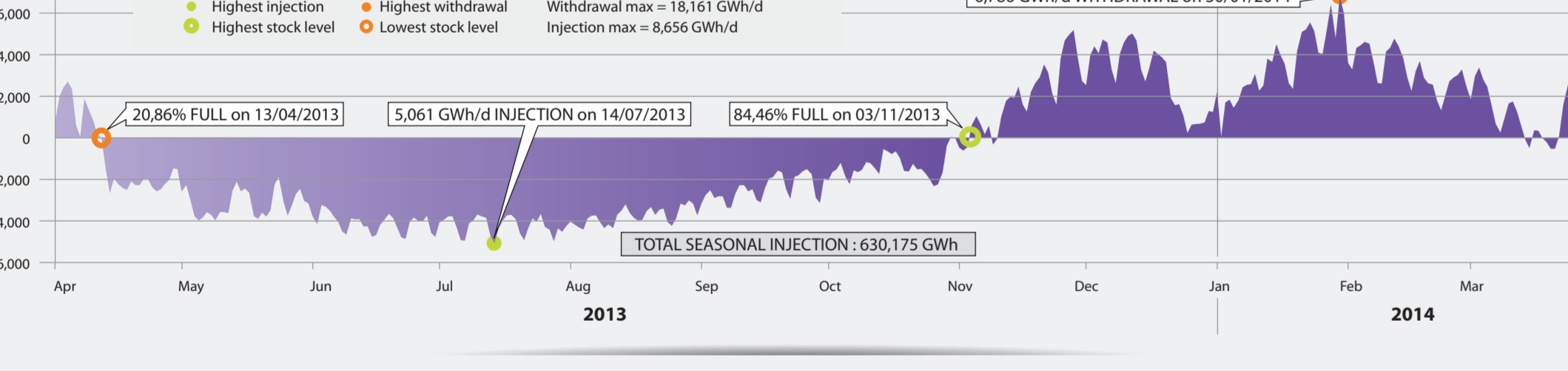
EUROPEAN DEMAND



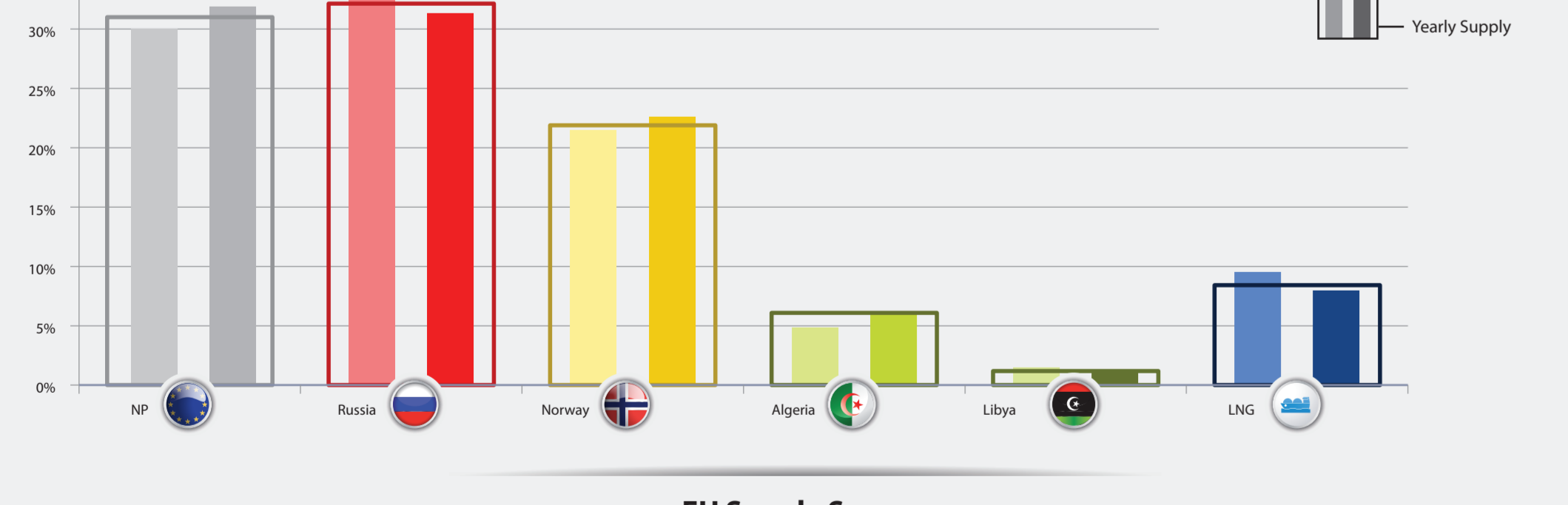
EUROPEAN SUPPLY



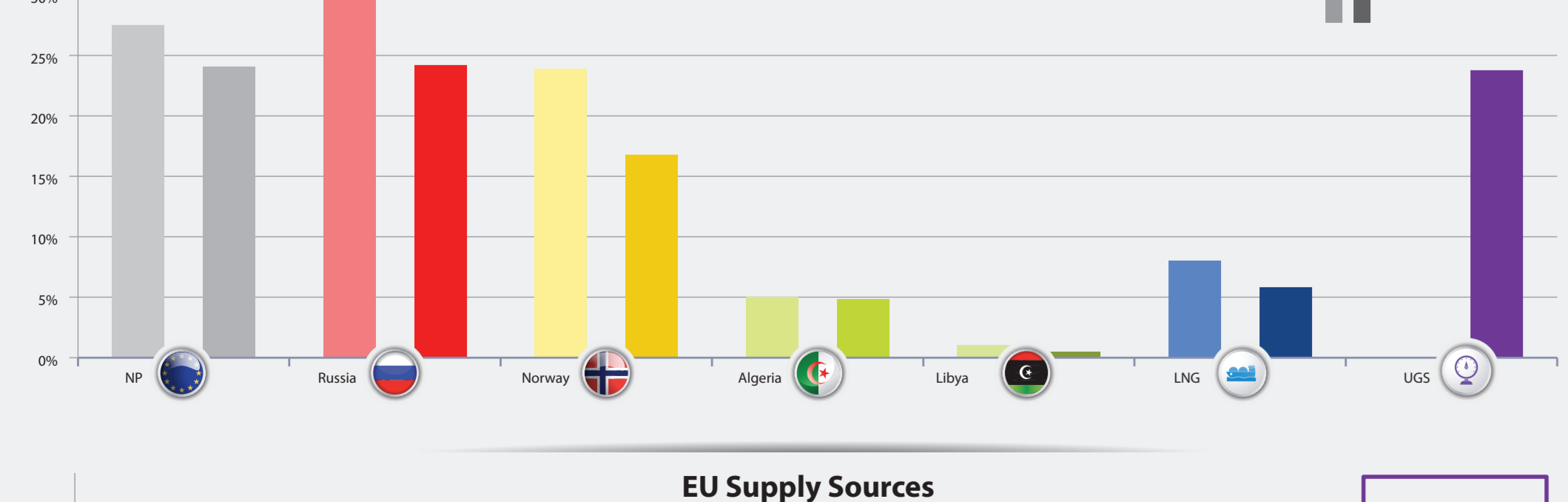
EU Storage / Injection / Withdrawal Seasonal Profile / GWh/d



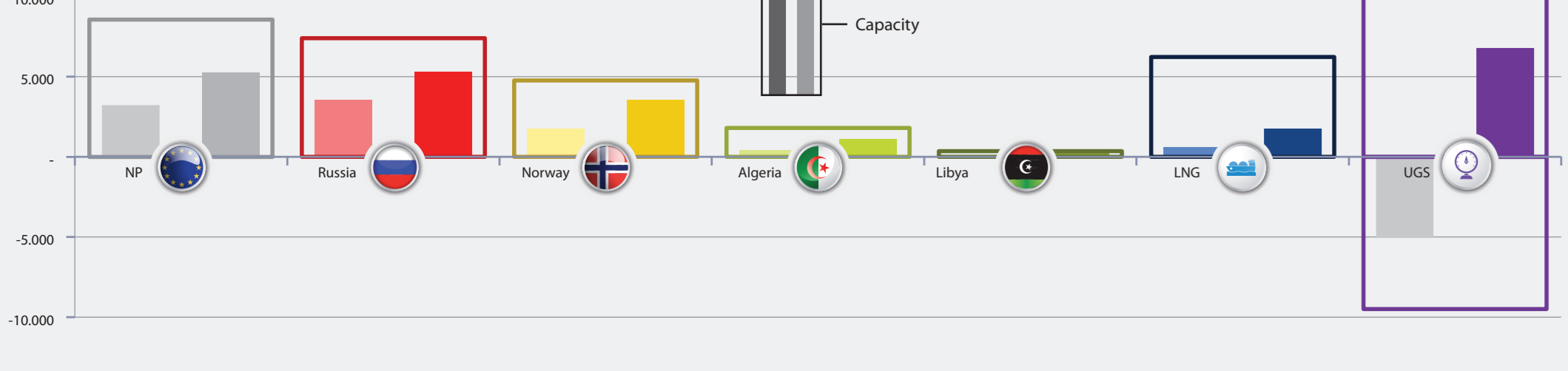
EU Supply Sources Seasonal & Yearly Supply Shares



EU Supply Sources Shares on the lowest & the highest demand days



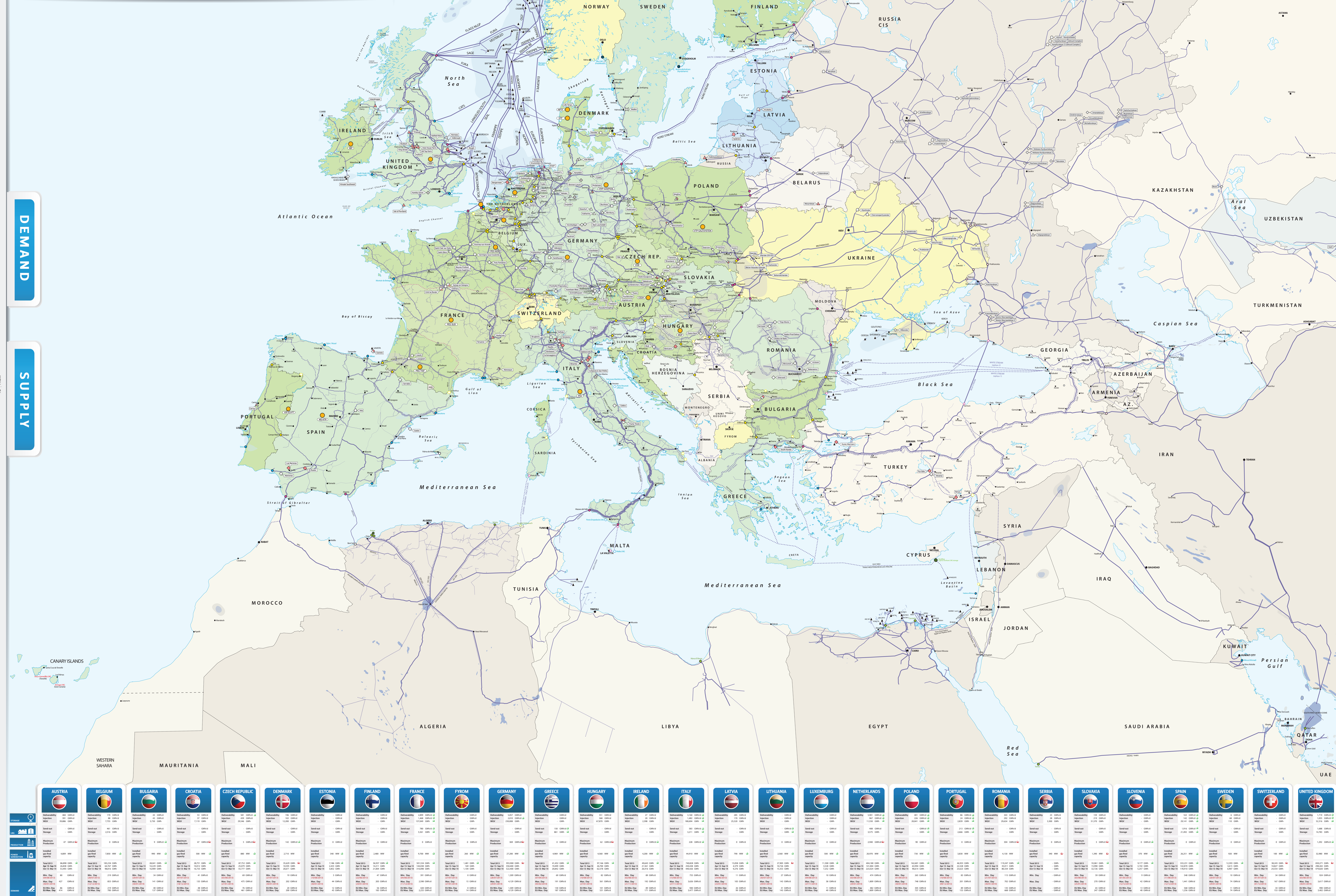
EU Supply Sources Minimum and Maximum use of import capacity (GWh/d)



Import & Transmission Capacity 2013

Table with columns for 'FROM' (country codes) and 'TO' (country codes). Cells contain capacity values in GWh/d. Some cells are highlighted in red to indicate capacity changes.

Key: Increase of capacity in the next 5 years, Decrease of capacity in the next 5 years, market area GASPOOL, market area Nord-Continent Germany, Off-gaswood, Off-gaswood TSO



COUNTRY	Production (GWh/d)	Storage (GWh/d)	Injection (GWh/d)	Withdrawal (GWh/d)	Export (GWh/d)	Import (GWh/d)	Net (GWh/d)
Austria	1,100	0	0	0	0	0	1,100
Belgium	0	0	0	0	0	0	0
Bulgaria	0	0	0	0	0	0	0
Croatia	0	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0
Estonia	0	0	0	0	0	0	0
Finland	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
FROM	0	0	0	0	0	0	0
Germany	0	0	0	0	0	0	0
Greece	0	0	0	0	0	0	0
Hungary	0	0	0	0	0	0	0
Ireland	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0
Latvia	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0
Luxembourg	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Serbia	0	0	0	0	0	0	0
Slovakia	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Sweden	0	0	0	0	0	0	0
Switzerland	0	0	0	0	0	0	0
UNITED KINGDOM	0	0	0	0	0	0	0