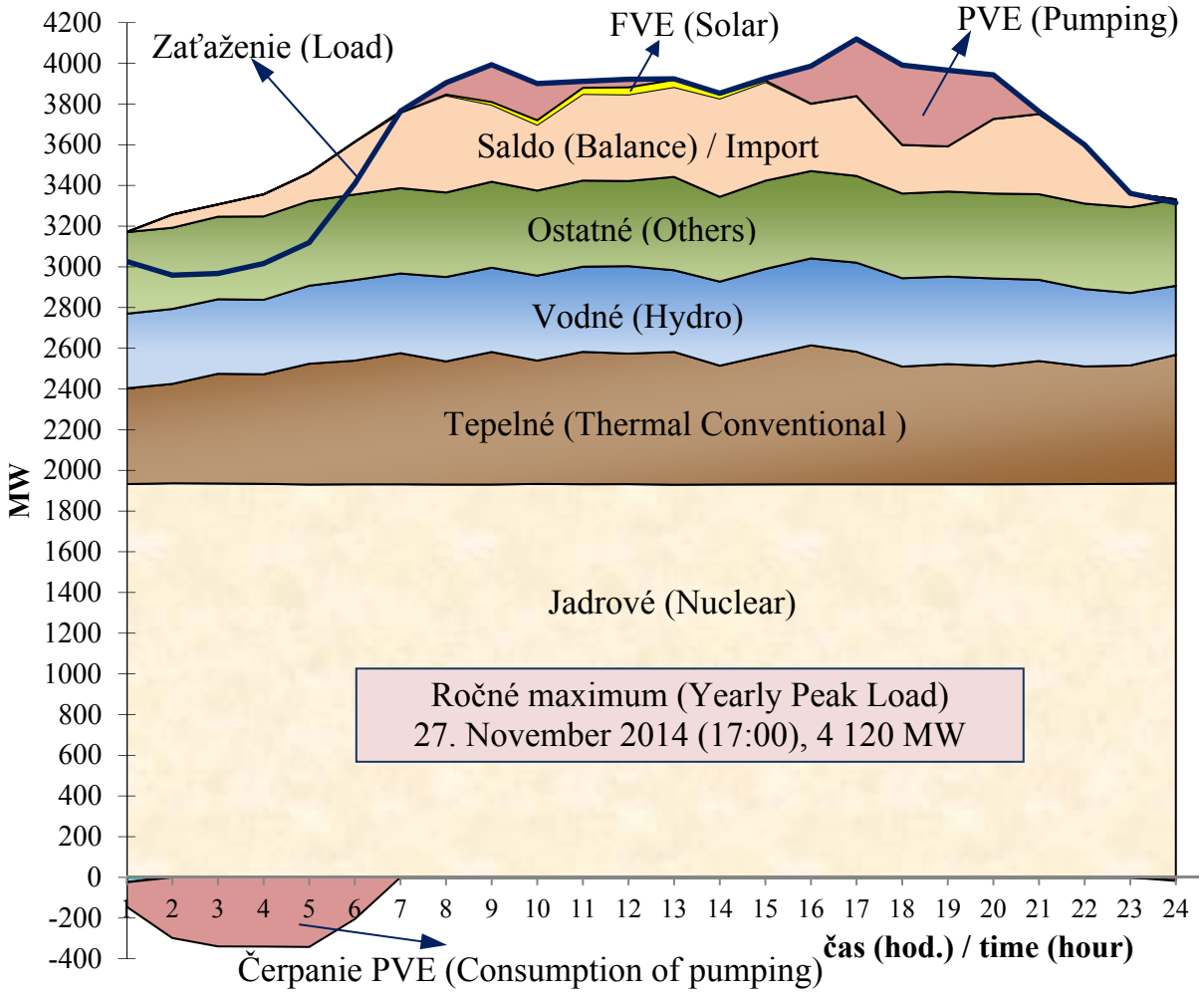
Slovenský Elektroenergetický Dispečing

National Control Centre of Slovakia

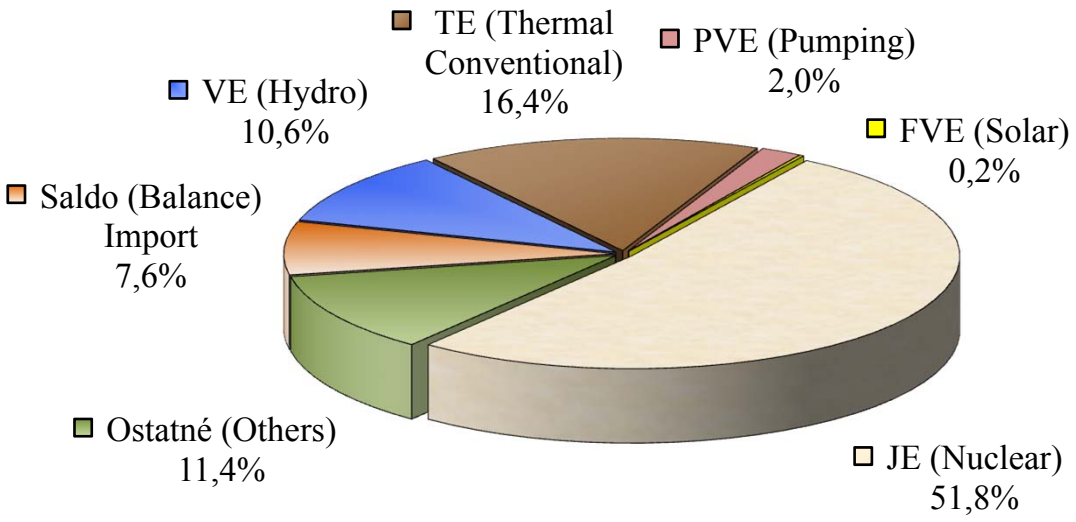
SLOVENSKÁ ELEKTRIZAČNÁ PRENOSOVÁ SÚSTAVA, a.s.

2014

POKRYTIE ZAŤAŽENIA V DEŇ ROČNÉHO MAXIMA
Load and Use of Sources on Day of the Yearly Peak

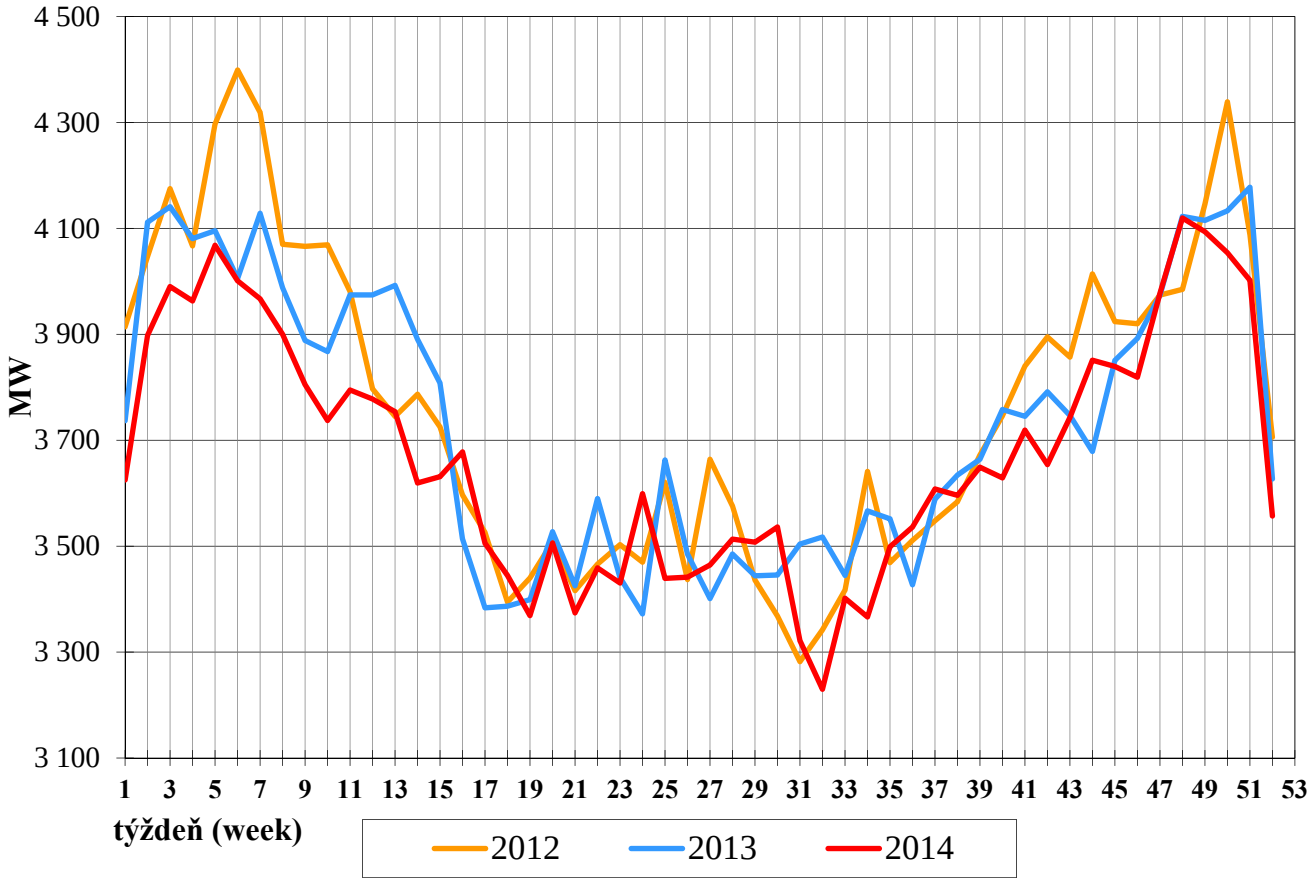


PODIEL ZDROJOV V DNI ROČNÉHO MAXIMA, 27.11.2014
Share of Sources on Day of the Yearly Peak, 27.11.2014

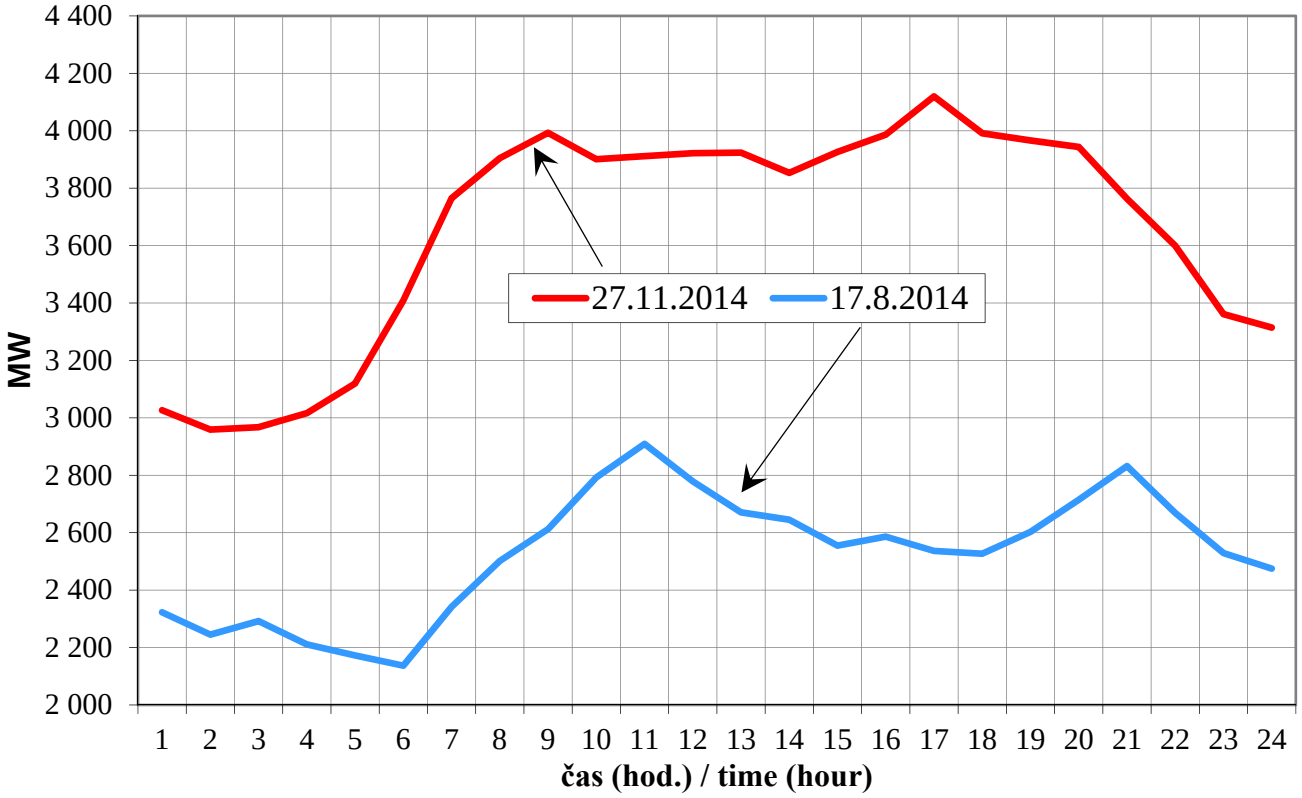


27. November 2014	(Brutto)
Výroba (Production):	82 965 MWh
Saldo (Balance) Import:	6 831 MWh
Spotreba / Consumption:	89 796 MWh

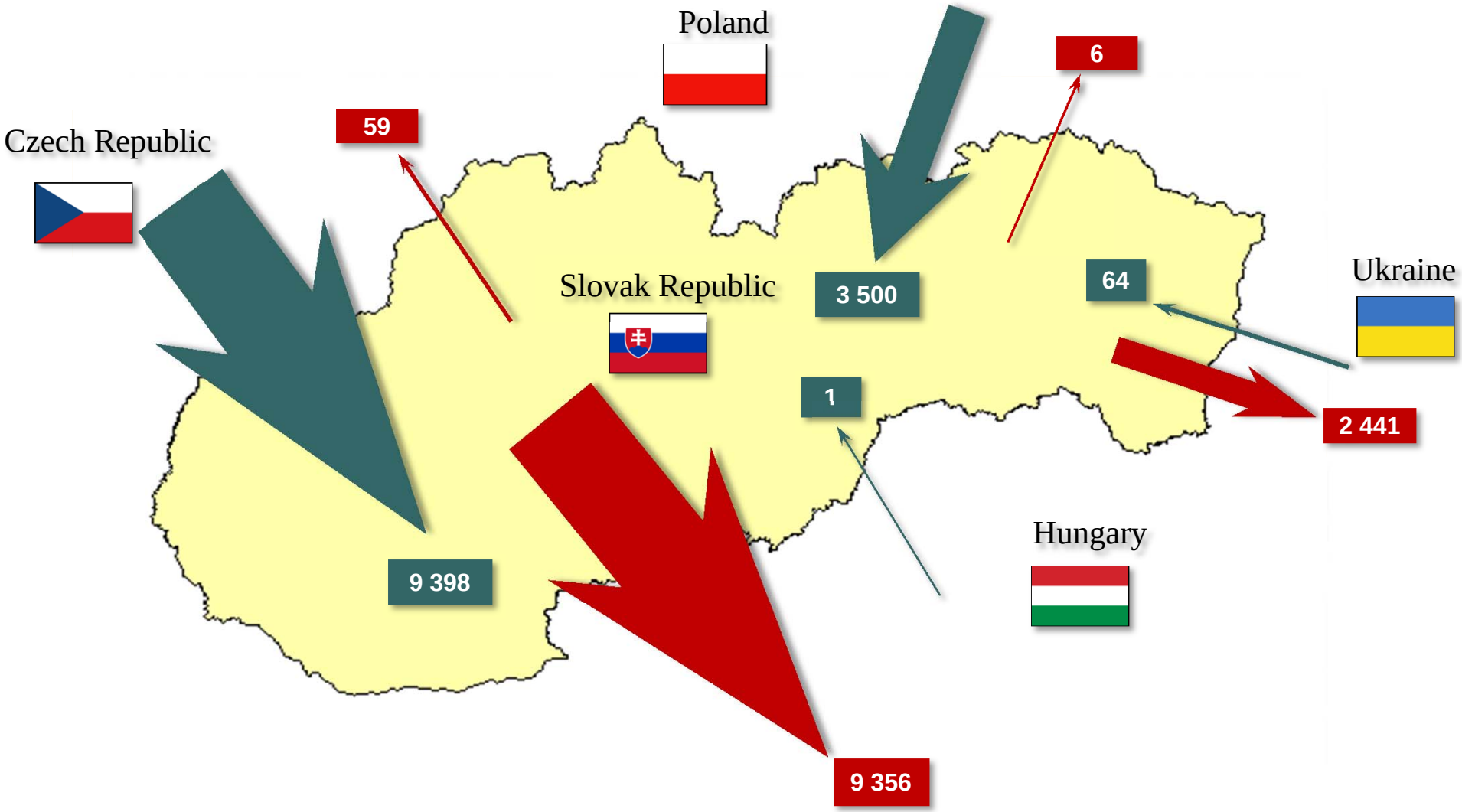
TÝŽDENNÉ MAXIMÁ ZAŤAŽENIA
Weekly Peak Loads



PRIEBEH ZAŤAŽENIA V DŇOCH ROČNÉHO MAXIMA A MINIMA 2014
Load Curves on Days of the Yearly Peak and Minimum of 2014

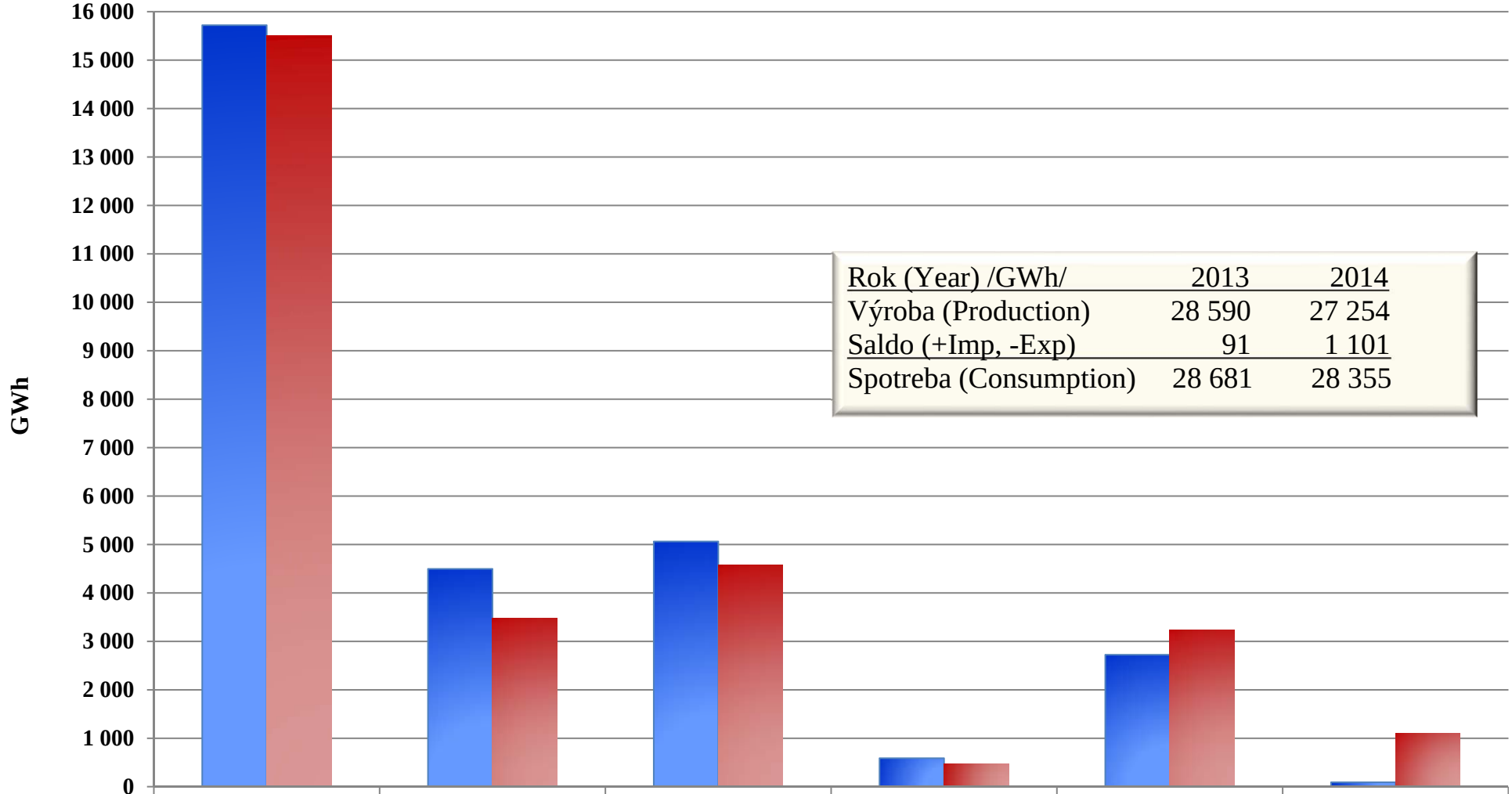


NAMERANÉ CEZHRANIČNÉ PRENOSY ELEKTRINY ES SR ZA ROK 2014 v GWh
Metered (physical) Cross-Border Flows of Electricity in the year 2014 in GWh



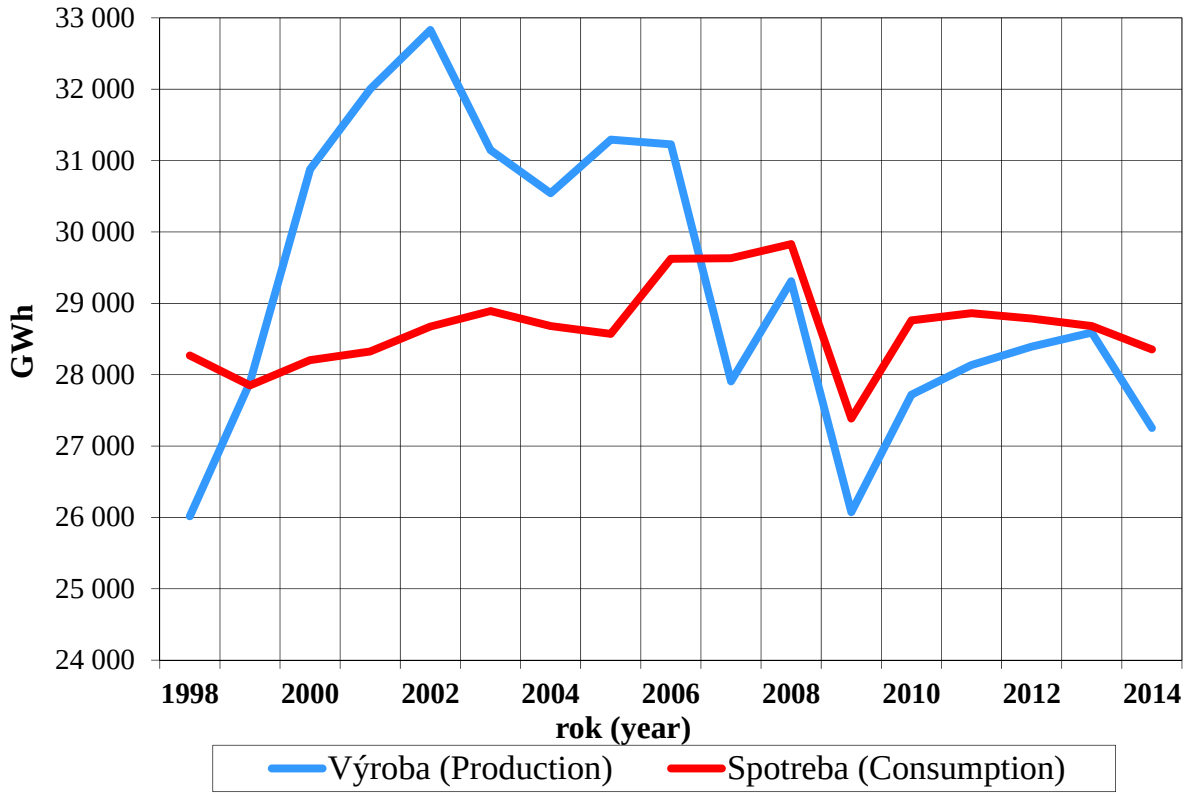
Σ Import: 12 963 GWh, Σ Export: 11 862 GWh, Saldo (Balance): Import 1 101 GWh

PODIEL ZDROJOV NA VÝROBE ELEKTRINY V ROKU 2013 a 2014
Share of Sources on Electricity Production in the Year 2013 and 2014

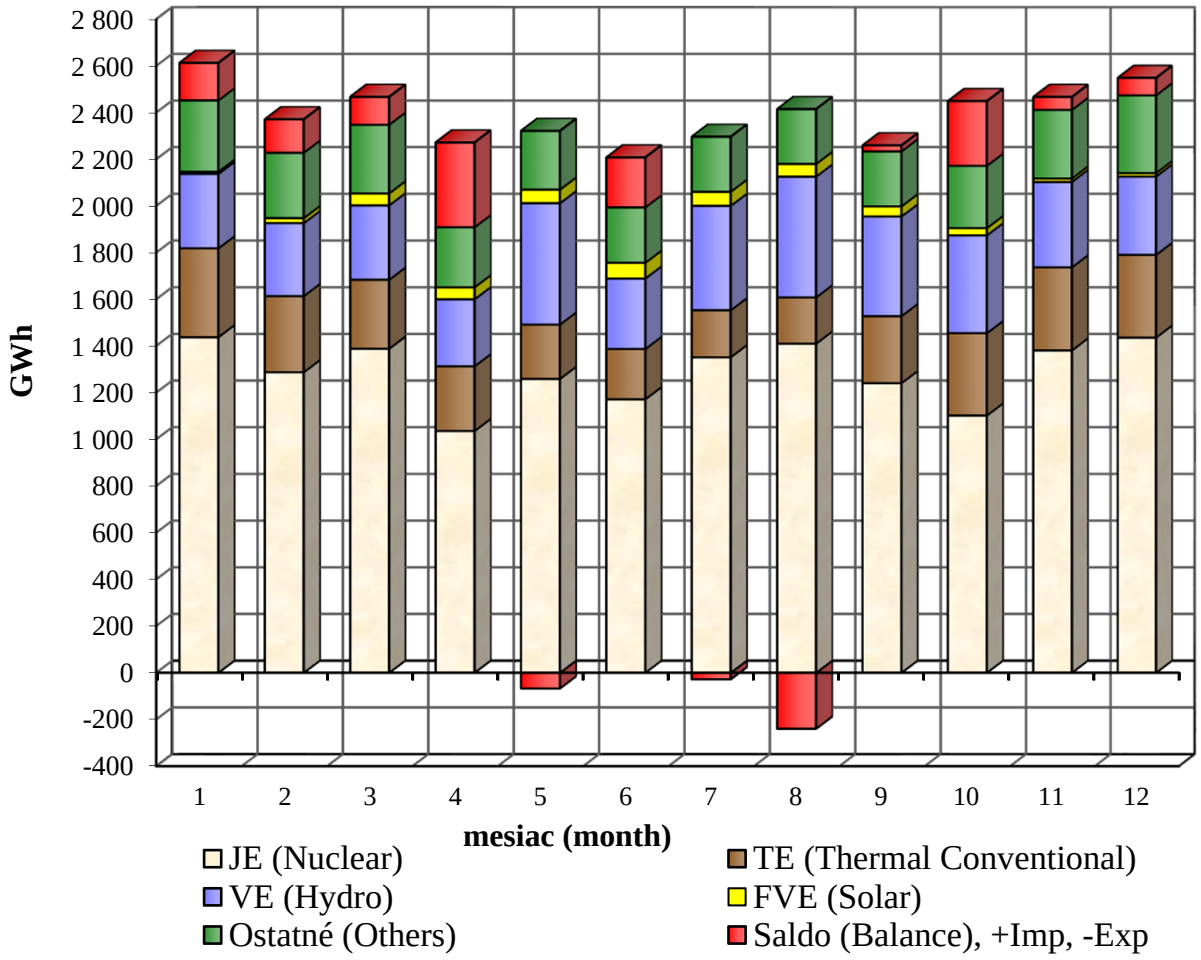


	Jadrové (Nuclear)	Tepelné (Thermal Conventional)	Vodné (Hydro)	FVE (Solar)	Ostatné (Others)	Saldo (Balance) Import
2013 (GWh)	15 720	4 496	5 062	588	2 724	91
2014 (GWh)	15 499	3 479	4 572	476	3 228	1 101

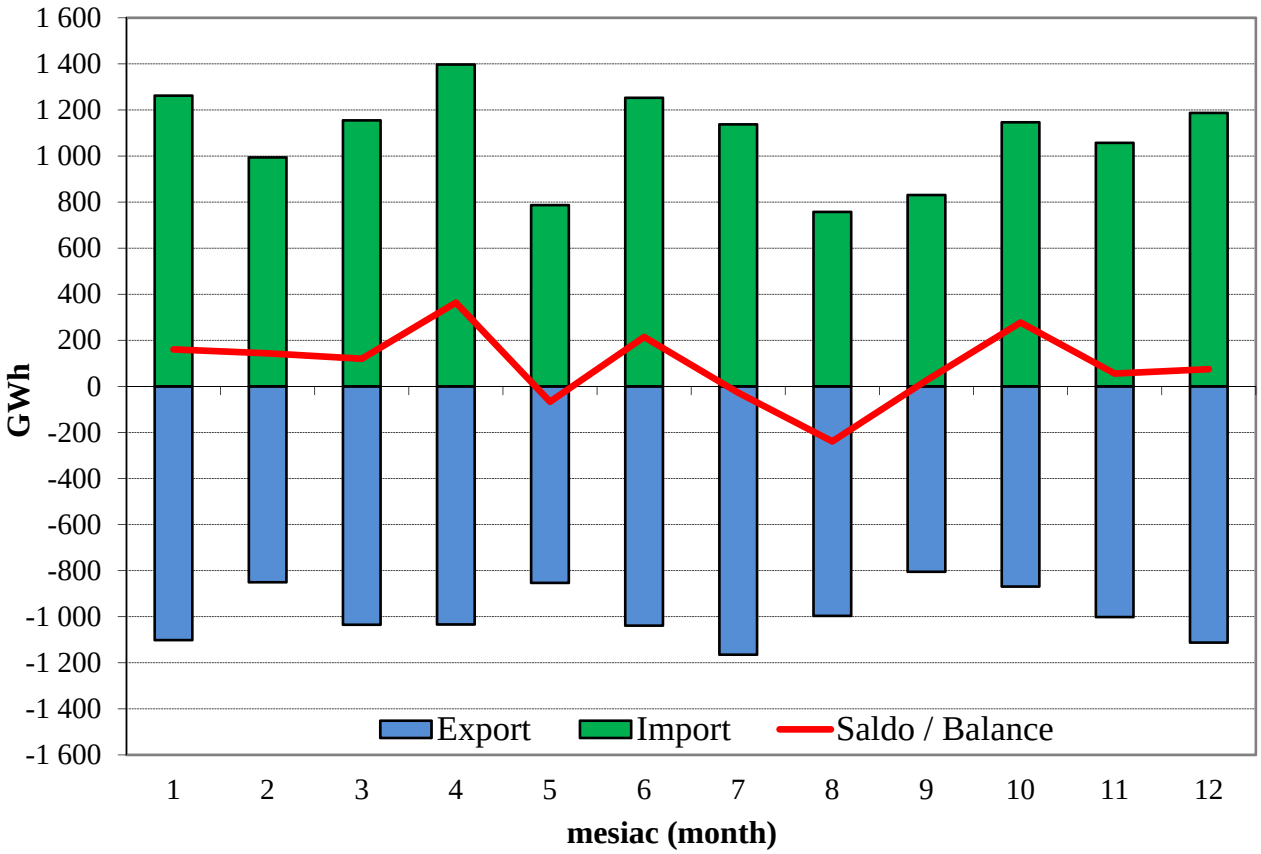
ROČNÁ VÝROBA A SPOTREBA ELEKTRINY
Yearly Electricity Production and Consumption



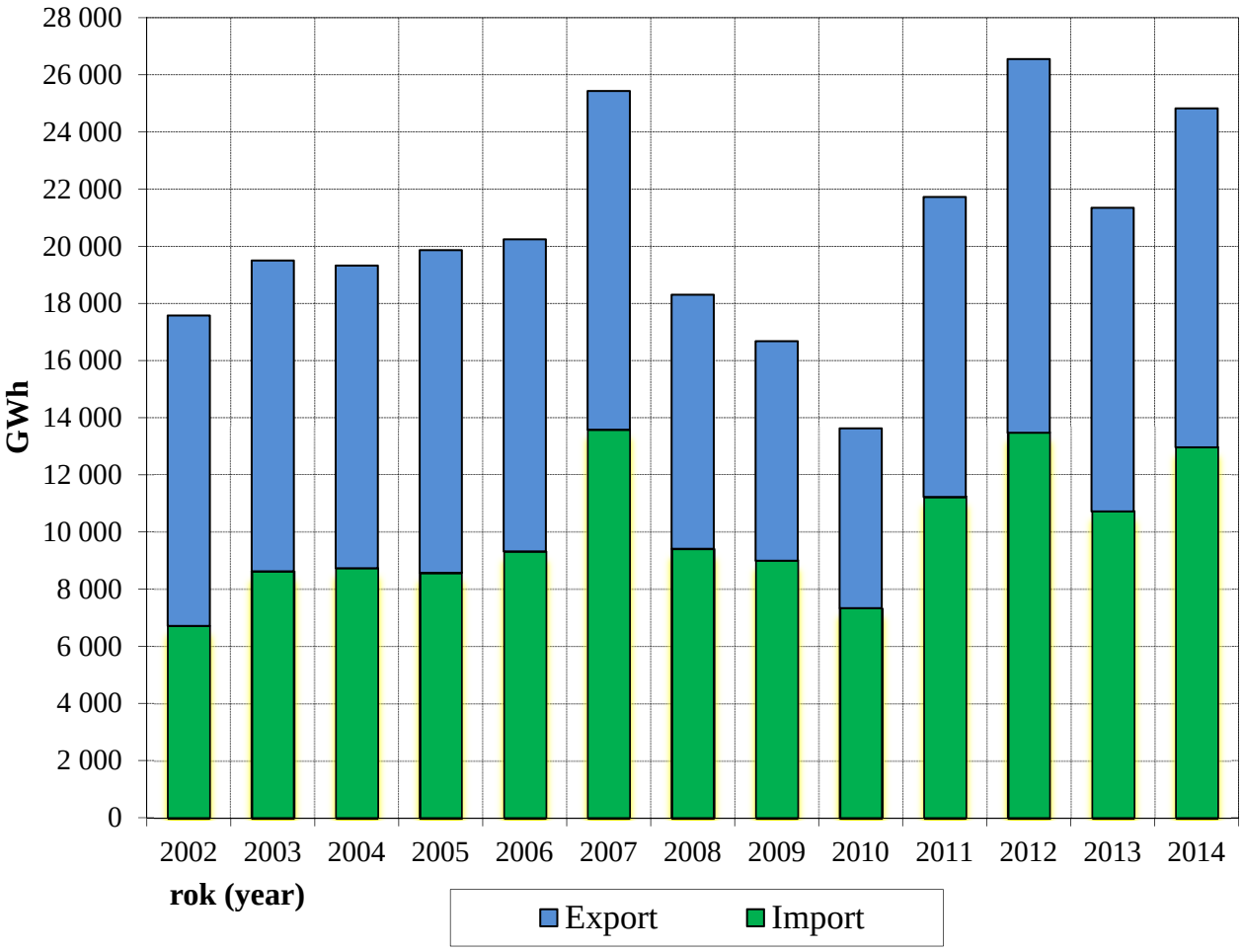
PODIEL ZDROJOV NA MESAČNEJ VÝROBE ELEKTRINY v r. 2014
Share of Sources on Monthly Electricity Production in 2014



NAMERANÉ MESAČNÉ CEZHRANIČNÉ PRENOSY ES SR v r. 2014
Monthly Cross-Border Physical Flows of Slovakia in 2014

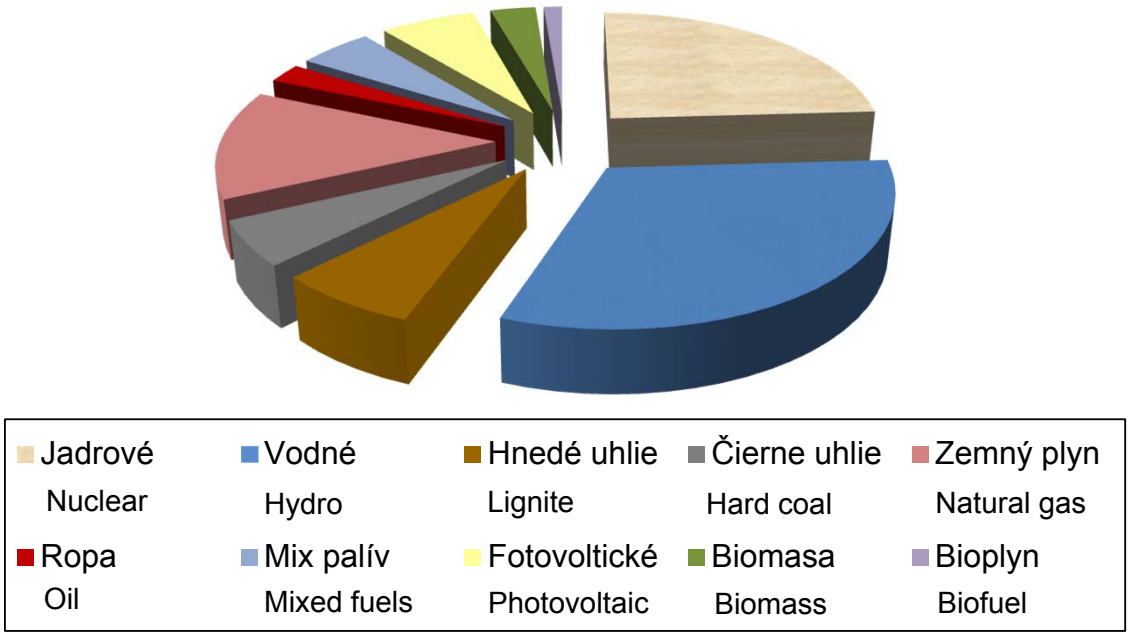


NAMERANÉ ROČNÉ CEZHRANIČNÉ PRENOSY ES SR
Yearly Cross-Border Physical Flows of Slovakia



INŠTALOVANÝ VÝKON ELEKTRÁRNÍ ES SR v r. 2014
Installed Capacity of Power plants in Slovakia for 2014

Rozdelenie podľa Palív Shared by Fuels		Výkon (MW) Power (MW)	Podiel (%) Share (%)	
Jadrové	Nuclear	1 940	24,0	
Vodné	Hydro	2 536	31,4	
Hnedé uhlie	Lignite	568	7,0	Fosilné palivá Fossil fuels
Čierne uhlie	Hard coal	440	5,4	
Zemný plyn	Natural gas	1 076	13,3	
Ropa	Oil	195	2,4	
Mix palív	Mixed fuels	413	5,1	
Fotovoltické	Photovoltaic	531	6,6	Obnoviteľné zdroje Renewable sources
Biomasa	Biomass	254	3,1	
Bioplyn	Biofuel	103	1,3	
Veterné	Wind	3	0,0	
Ostatné	Other	17	0,2	
Spolu	Total	8 076	100,0	



PRENOSOVÁ SÚSTAVA SLOVENSKEJ REPUBLIKY
Transmission System of Slovak Republic

Vedenia 400 kV	1 953 km	400 kV Lines
Vedenia 220 kV	826 km	220 kV Lines
Vedenia 110 kV	80 km	110 kV Lines
Celková dĺžka vedení	2 859 km	Total length of lines
Počet el. staníc 400 kV	18	Number of 400 kV Substations
Počet el. staníc 220 kV	6	Number of 220 kV Substations
Počet el. staníc 110 kV	1	Number of 110 kV Substations
Transformátory 400/220 kV	1 400 MVA	400/220 kV Transformers
Transformátory 400/110 kV	8 710 MVA	400/110 kV Transformers
Transformátory 220/110 kV	1 600 MVA	220/110 kV Transformers
Celkový transformačný výkon	11 710 MVA	Total transformation capacity