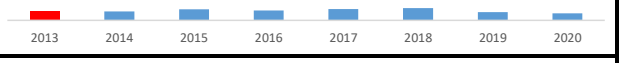
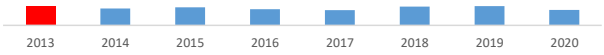
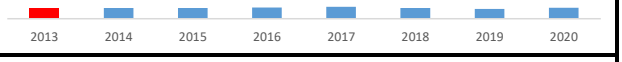
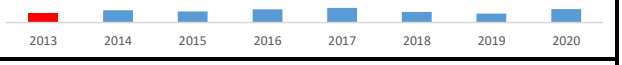
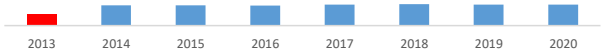
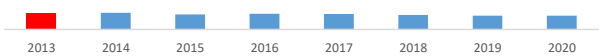
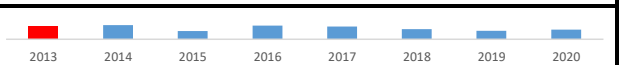
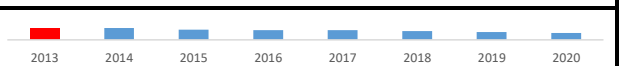
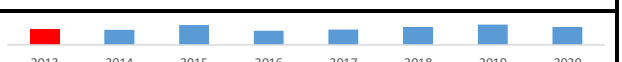
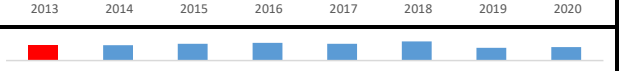
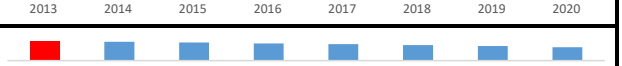
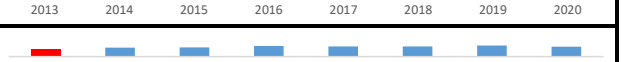
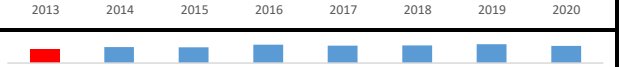
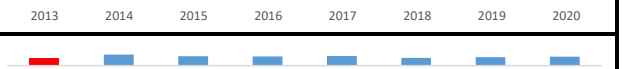
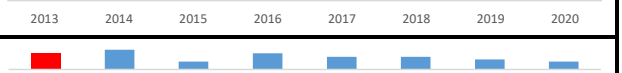
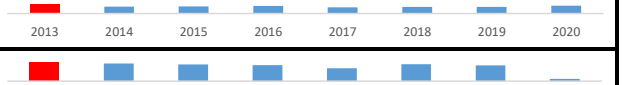
Bewertung der energiebezogenen Leistung des Verbandes auf der Grundlage der energetischen Ausgangsbasis

WUPPERVERBAND
für Wasser, Mensch und Umwelt

	Einheit	energetische Ausgangsbasis 2013	*Entwicklung*
Gesamtstromverbrauch	*[kWh/a]*	39 Mio.	
Stromfremdbezug	*[kWh/a]*	17 Mio.	
Stromeigenerzeugung (intern genutzt)	*[kWh/a]*	22 Mio.	
Anteil Stromeigenerzeugung am Gesamtstromverbrauch	*[%]*	56	
Installierte Erzeugungsleistung	*[kW]*	7.000	
Gesamtwärmeverbrauch	*[kWh $_{th}$/a]*	72 Mio	
Wärme aus fossilen Energieträgern	*[kWh $_{th}$/a]*	12 Mio	
Wärmeeigenerzeugung	*[kWh $_{th}$/a]*	60 Mio	
Anteil Wärmeeigenerzeugung am Gesamtwärmeverbrauch	*[%]*	84	
spezifischer Stromverbrauch Kläranlagen (ohne Lev und Dhünn)	*[kWh/EW*a]*	32	
spezifischer Stromverbrauch der Schlammverbrennungsanlage	*[kWh/Mg TR]*	340	
spezifischer Stromverbrauch der Hauptverwaltung	*[kWh/h $_{ArbZ}$]*	2	
spezifische Stromerzeugung aus Klärgas	*[kWh/m³]*	2	
Grad der Klärgasumwandlung in Elektrizität	*[%]*	30	
spezifischer Gesamtwärmebedarf Kläranlagen	*[kWh $_{th}$/EW*a]*	16	
spezifischer Gesamtwärmebedarf der Schlammverbrennungsanlage	*[kWh $_{th}$/Mg TR]*	1.900	
spezifischer Gesamtwärmebedarf der Hauptverwaltung	*[kWh $_{th}$/m²]*	220	
CO2 Bilanz	*[t CO_2/a]*	8.300