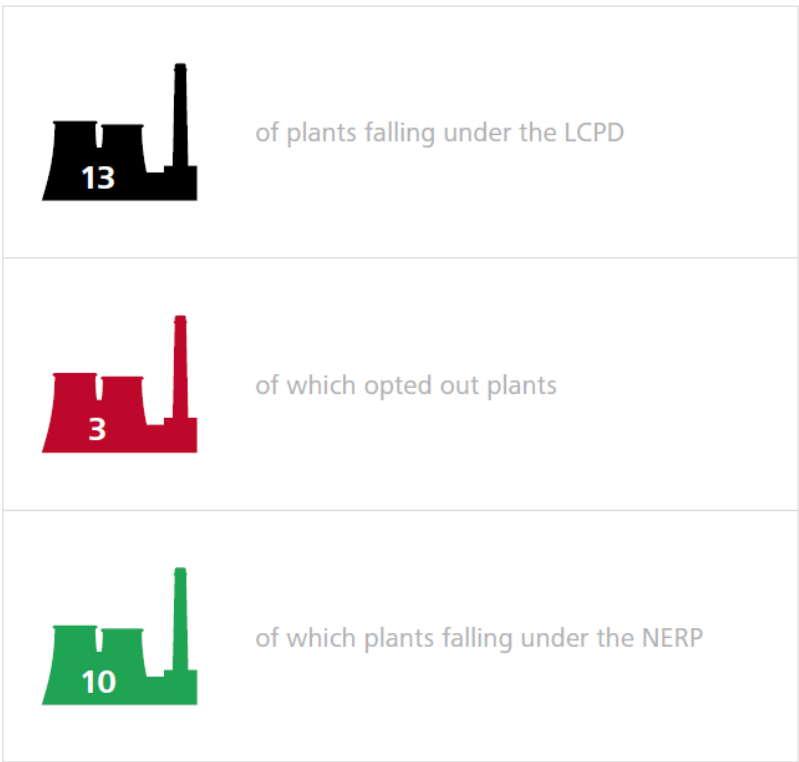


LCPD IMPLEMENTATION – STATE OF PLAY

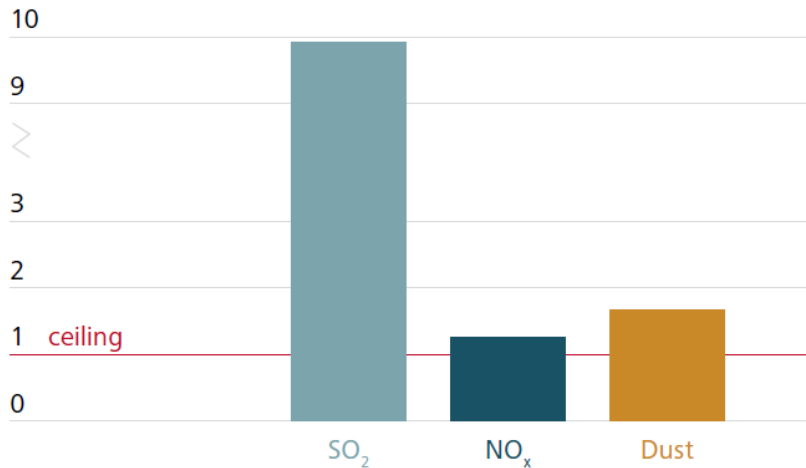
7 December 2021

Installations under the Large Combustion Plants Directive



Source: compiled by the Energy Community Secretariat




2020 emissions versus NERP ceilings



2020 emissions by all plants under the LCPD	248.154	20.004	3.320
Annual change	+15,9% ↑	+6,7% ↑	+6,2% ↑
2020 emissions by plants under the NERP	220.939	15.493	2.800
Annual change	+16,8% ↑	+7,5% ↑	+2,5% ↑

BiH opt-out

Amount of operational hours used from opt-out period

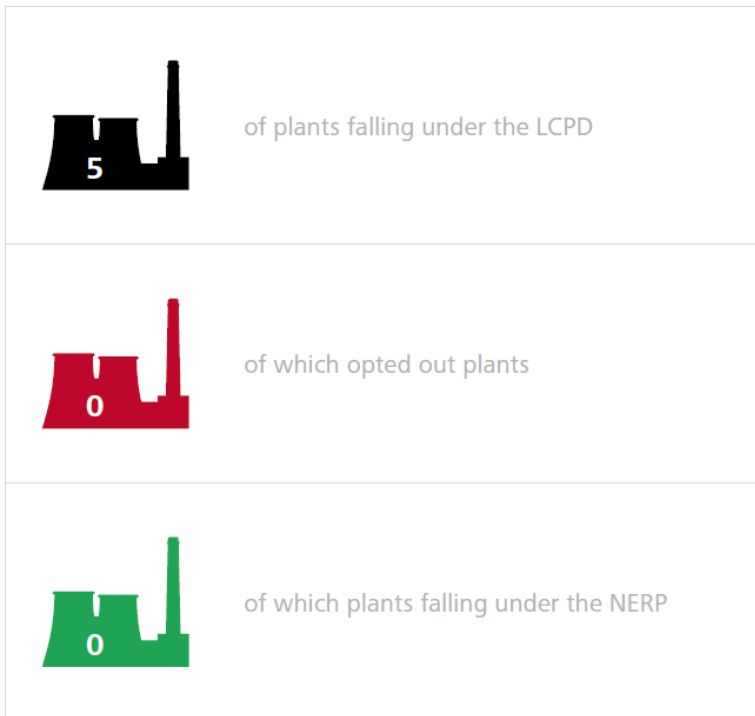
TPP Tuzla 4 	Expected expiry of opt-out period	March 2022
	Remaining hours	5.761
	Operating hours consumed in 2018 - 2020	14.239
TPP Kakanj 5 	Expected expiry of opt-out period	April 2022
	Remaining hours	6.120
	Operating hours consumed in 2018 - 2020	13.880
TPP Tuzla 3 	Expected expiry of opt-out period:*	December 2023
	Remaining hours	10.196
	Operating hours consumed in 2018 - 2020	9.804

*Calculations for the expected expiry of the opt-out period are based on 2018 - 2020 average load factor.

Source: compiled by the Energy Community Secretariat

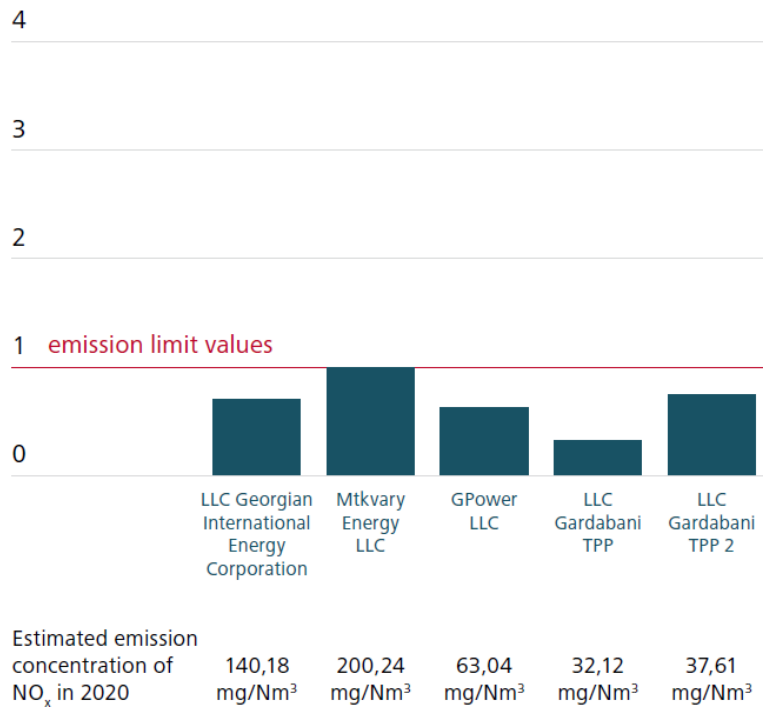
Georgia

Installations under the Large Combustion Plants Directive



Source: compiled by the Energy Community Secretariat

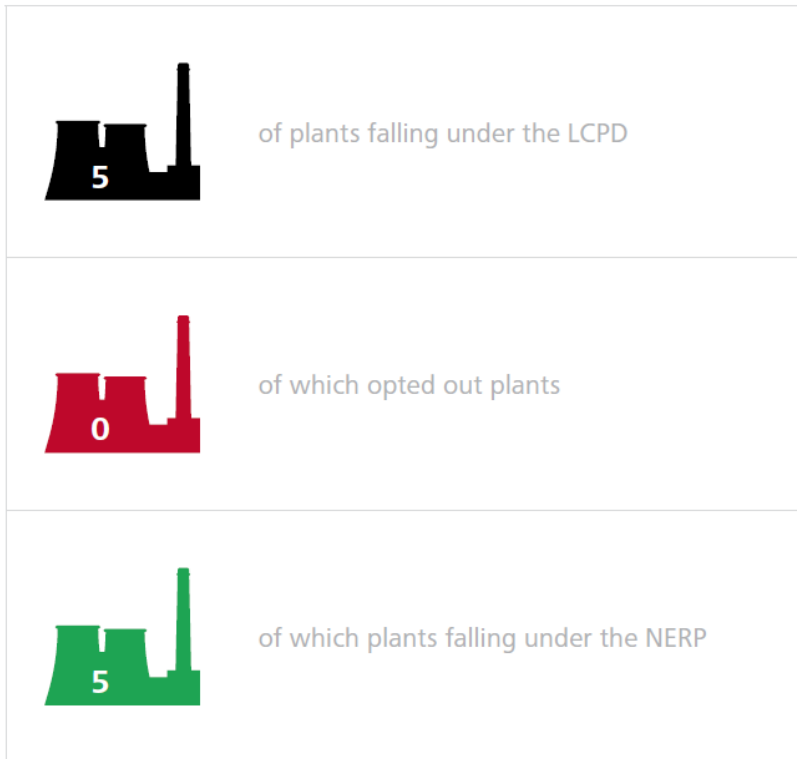
2020 emissions of NO_x versus applicable emission limit values (ELV)



Source: calculated by the Energy Community Secretariat

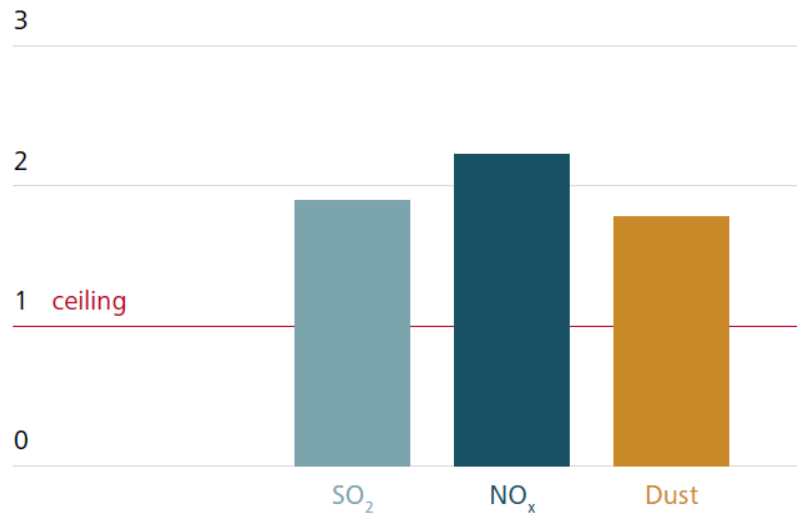
Kosovo* NERP

Installations under the Large Combustion Plants Directive



Source: compiled by the Energy Community Secretariat

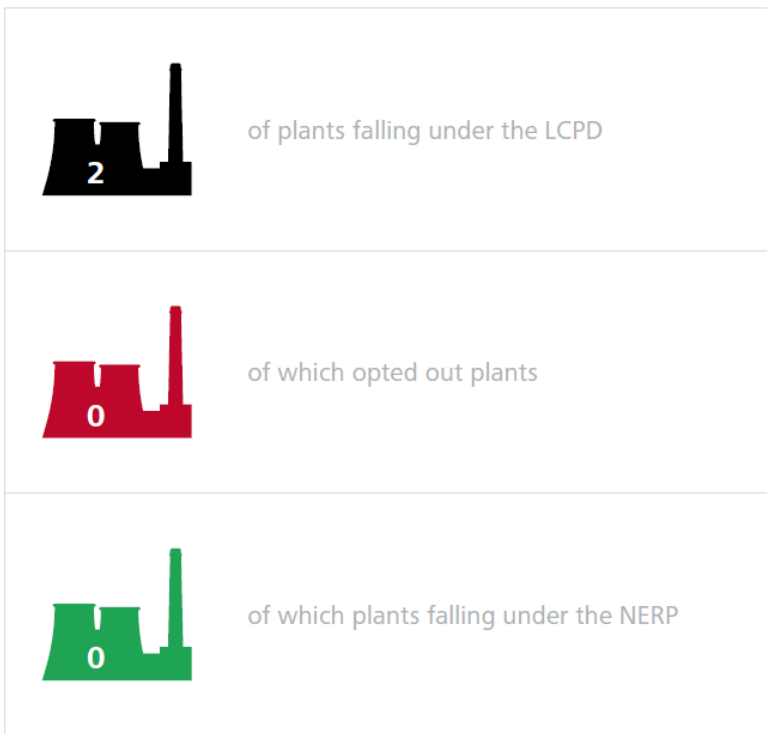
2020 emissions versus NERP ceilings



2020 emissions by all plants under the LCPD	19.987	22.846	5.867
2020 emissions by plants under the NERP	19.987	22.846	5.867
Annual change	+50,8% ↑	+12,0% ↑	+13,8% ↑

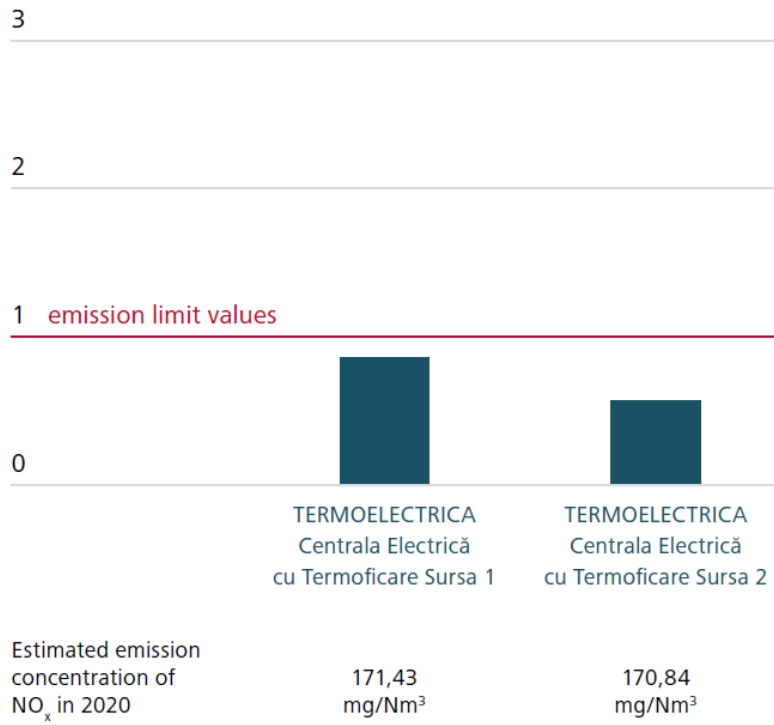
Moldova

Installations under the Large Combustion Plants Directive



Source: compiled by the Energy Community Secretariat


2020 emissions of NO_x versus applicable emission limit values (ELV)



Source: calculated by the Energy Community Secretariat

Montenegro opt-out

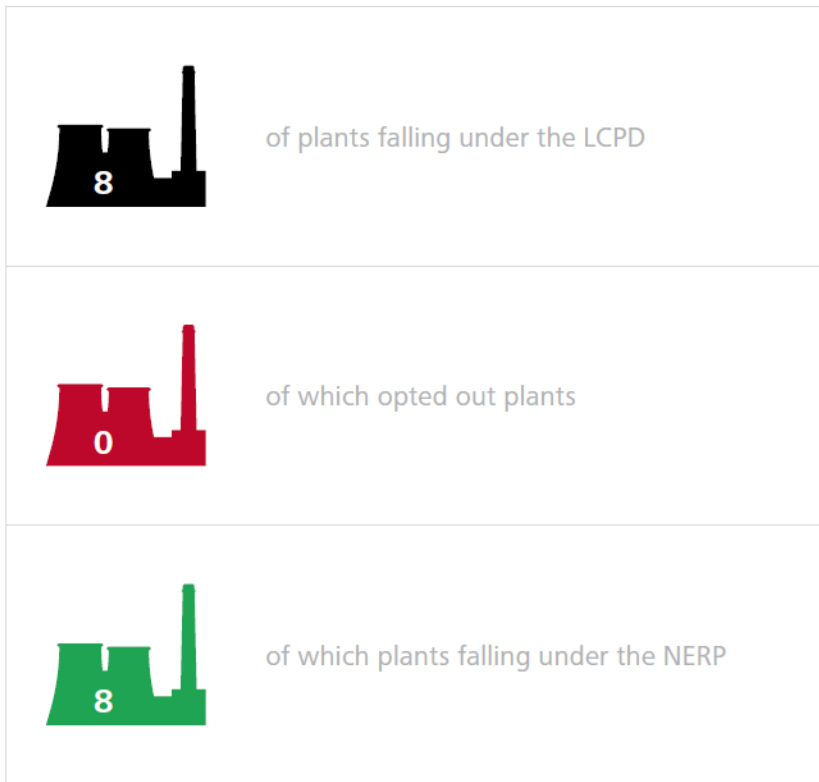
Amount of operational hours used from opt-out period

TPP Plevlja 	Expected expiry of opt-out period:	EXPIRED
	Remaining hours	0
	Operating hours consumed in 2018 - 2020	21.003

Source: compiled by the Energy Community Secretariat

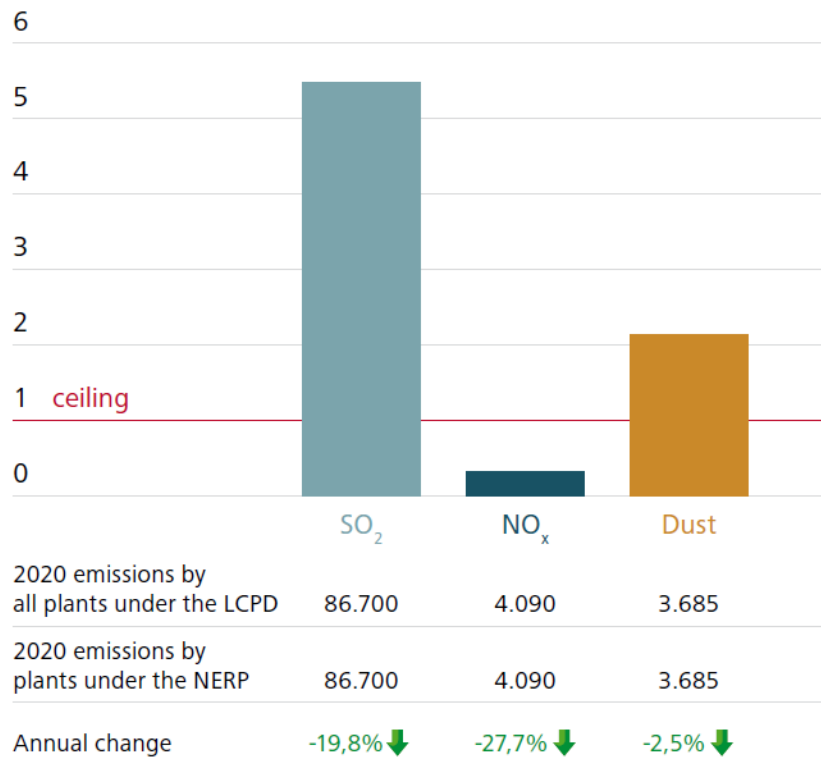
North Macedonia NERP

Installations under the Large Combustion Plants Directive



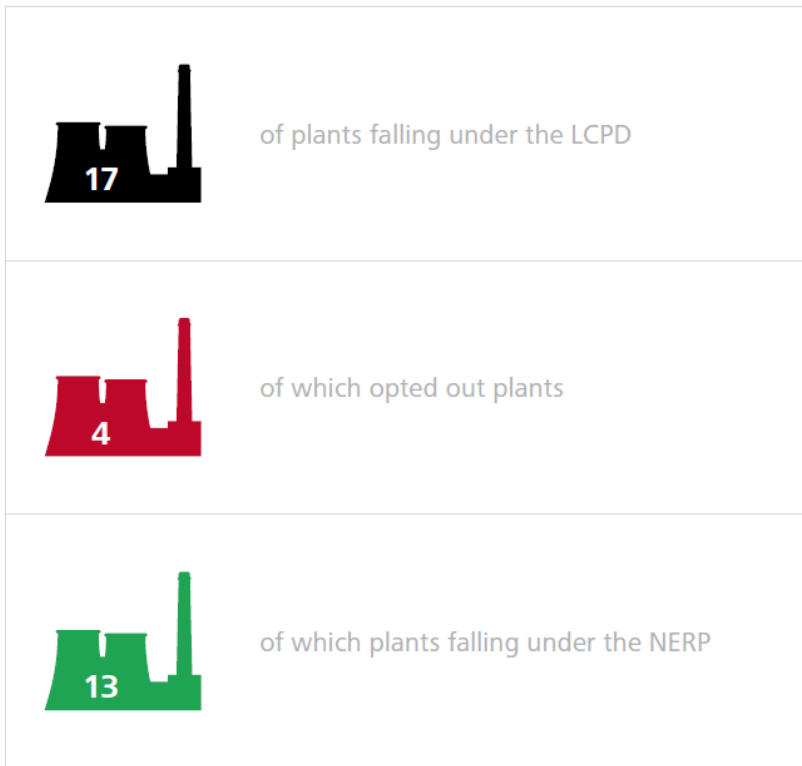
Source: compiled by the Energy Community Secretariat

2020 emissions versus NERP ceilings



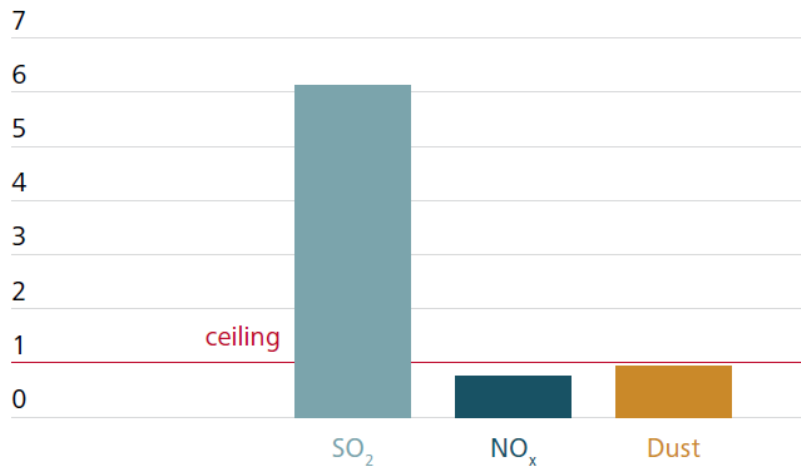
Serbia NERP

Installations under the Large Combustion Plants Directive



Source: compiled by the Energy Community Secretariat





2020 emissions versus NERP ceilings



2020 emissions by all plants under the LCPD	355.842	40.198	9.526
Annual change	+8,2% ↑	+7,7% ↑	+2% ↑
2020 emissions by plants under the NERP	333.910	36.841	6.015
Annual change	+7,6% ↑	+7,6% ↑	-0,5% ↓

Serbia opt-out

Amount of operational hours used from opt-out period

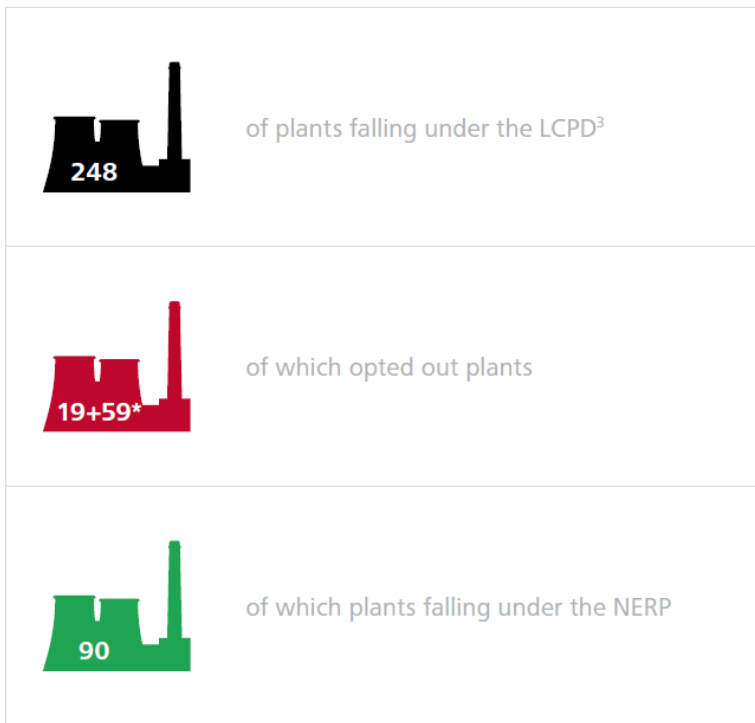
Termoelektrana Kolubara A3 (boilers 3, 4, 5) 	Expected expiry of opt-out period	March 2022
	Remaining hours	5.765
	Operating hours consumed in 2018 - 2020	14.235
Termoelektrana Morava 	Expected expiry of opt-out period:*	May 2022
	Remaining hours	6.253
	Operating hours consumed in 2018 - 2020	13.747
Termoelektrana Kolubara A3 (boiler 1) 	Expected expiry of opt-out period	September 2023
	Remaining hours	9.515
	Operating hours consumed in 2018 - 2020	10.485
Termoelektrana Kolubara A5 	Expected expiry of opt-out period	December 2023
	Remaining hours	11.059
	Operating hours consumed in 2018 - 2020	8.941

*Calculations for the expected expiry of the opt-out period are based on 2018 - 2020 average load factor.

Source: compiled by the Energy Community Secretariat

Ukraine NERP

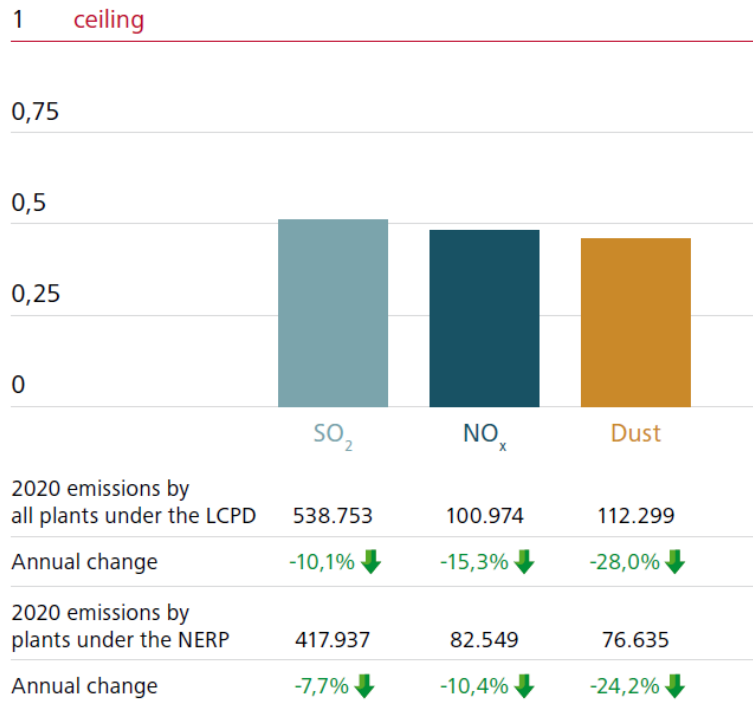
Installations under the Large Combustion Plants Directive



*Under Decision 2015/07/MC-EnC, certain plants in Ukraine are entitled to use 40.000 hours for opted out plants. 59 plants fall into that category.



Source: compiled by the Energy Community Secretariat

2020 emissions versus NERP ceilings



Ukraine opt-out

Amount of operational hours used from opt-out period⁴

Average of plants under Decision 2013/05/MC-EnC ⁵ 	Expected expiry of opt-out period:*	December 2023
	Remaining hours	13.466
	Operating hours consumed in 2018 - 2020	6.534
Average of plants under Decision 2015/07/MC-EnC ⁶ 	Expected expiry of opt-out period	December 2033
	Remaining hours	33.079
	Operating hours consumed in 2018 - 2020	6.921

*Calculations for the expected expiry of the opt-out period are based on 2018 - 2020 average load factor.

Source: compiled by the Energy Community Secretariat

Plant-by-plant:

<https://energy-community.org/implementation/Ukraine/ENV/LCP.html>



THANK YOU
FOR YOUR ATTENTION

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