






označenie/No.:
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MESAČNÁ SPRÁVA O KVALITE ŽIVOTNÉHO PROSTREDIA
FERROENERGY s.r.o.
ZA MESIAC NOVEMBER 2020

MONTHLY ENVIRONMENTAL REPORT
FERROENERGY s.r.o.
NOVEMBER 2020

| | | | |
|--|--|---|----------------------------------|
| Gestor/Sponsor: <i>Ing. Jana Protivňáková</i> špecialista pre environmentálny rozvoj | Posudzovateľ/Assessor: <i>Ing. Soňa Kotelešová</i> referent pre environment a CO ₂ | Schvaľovateľ/Approver: <i>Ing. Ján Novák</i> Riaditeľ pre nákup, investície a tech. rozvoj | Vydanie č./ Issue No.: |
| Dátum/Date: 03.12. 2020 | Dátum/Date: 03.12.2020 | Dátum/Date: 03.12.2020 | Dátum vydania/ Date of issue: |
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POPOL A TROSKOPOPOLČEKOVÁ ZMES vznikajúca na zariadeniach FERROENERGY s.r.o. v rámci výrobného cyklu
Ash and Slag-ash mixture originating in FERROENERGY s.r.o. during the production cycle

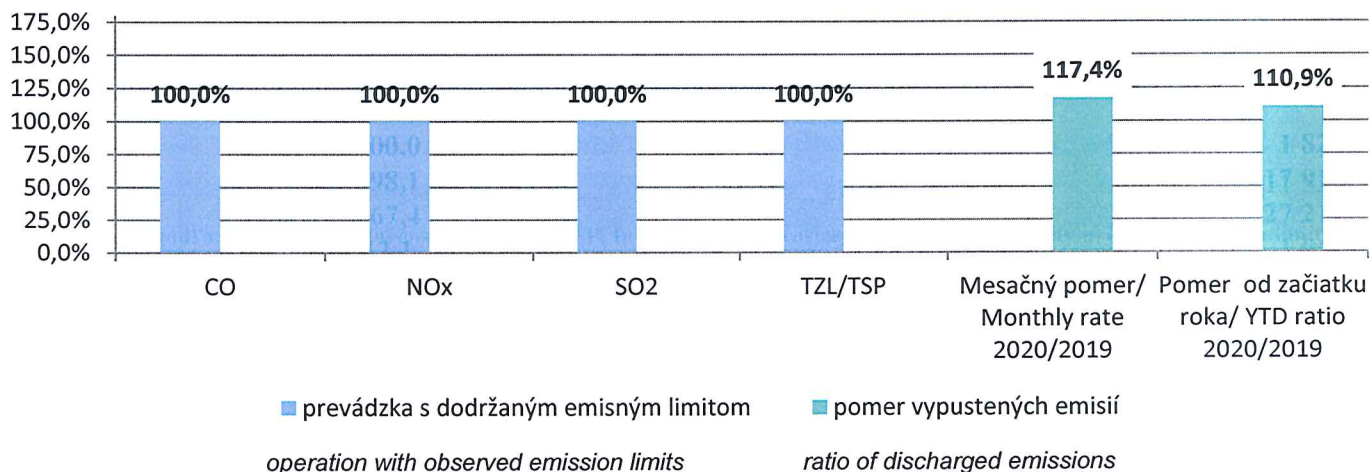
| DRUH TYPE | ZOSTATOK Z PREDCHÁDZ. OBDOBIA REMAINDER FROM PREVIOUS PERIOD | VÝSKYT OCCURRENCE | ZHODNOTENIE V USSK UTILIZATION IN USSK | PREDAJ SELLING | UKLADANIE NA DISPOSAL ONTO | | SKLADOVANIE STORAGE | |
|--|--|----------------------|---|-------------------|-------------------------------|---------------------------|------------------------|---------|
| | | | | | SKLÁDKY LANDFILLS | ODKALISKÁ IMPOUNDMENTS | | |
| <i>november/NOVEMBER</i> | | | | | | | | |
| Popol ash | [t] | 18 955 | 1036 | 0 | 0 | 0 | 1036 | 19 991 |
| Troskopopolčeková zmes Slag-ash mixture | [t] | 209 790** | 0 | 0 | 0 | 0 | 0 | 209 790 |

** - odborný odhad - Lagúny č.1 a č.3/Special estimate on Impoundments (Laguna number 1 and number 3)

Komentár k tabuľke / Table Annotation:
VYSVETLENIE POJMOV/Explanation:

- **Zostatok z predchádzajúceho obdobia:** celkové množstvo reziduí skladovaných na dočasných skladoch, resp. odkaliskách z predchádzajúceho obdobia.
Remainder from previous period: total amount of residues from the previous period still stored in temporary stocks or impoundments.
- **Výskyt:** vzniknuté množstvo technologických reziduí za uvedené časové obdobie.
Occurrence: Amount of technological residues produced in a given period.
- **Zhodnotenie v USSK:** reálne množstvo reziduí, ktoré sa zhodnotilo v hutníckom cykle USSK za uvedené časové obdobie.
Utilization in USSK: Real residues amount utilized in the metallurgical cycle of USSK in a given period.
- **Predaj:** reálne množstvo reziduí, ktoré sa za uvedené časové obdobie odpredalo externým odberateľom.
Selling: Real residues amount sold to external companies in a given period.
- **Ukladanie na odkaliská:** množstvo reziduí uložených na odkaliskách Mokrá halda za uvedené časové obdobie. Vzhľadom k tomu, že uložené reziduá sa po odsedimentovaní ťažia a následne zhodnocujú, odpredávajú resp. zneškodňujú na skládkach, je celé uložené množstvo reziduí premietnuté aj do skladovania.
Disposal in the impoundments: Amount of residues stored in the converter sludge impoundments or in impoundment Wet dump in a given period. Considering that after sedimentation the stored residues is mined and further treated, sold or disposed onto the landfills, the whole stored quantity of residues is also reflected in the storage figures.
- **Skladovanie:** celkové množstvo reziduí uložených na dočasné sklady zásob.
Storage: Total amount of residues stored in temporary stocks.
Popis špecifického rezidua:
 - Troskopopolčeková zmes - skladované množstvo pozostáva z aktuálneho množstva uloženého odpadu na odkalisku Mokrá halda.
Description of specific residues:
 - Slag-ash mixture - stored amount consists of current amount of waste in impoundment Wet dump.

Emisie z Ferroenergy s.r. o. / Emissions from Ferroenergy s.r.o.



PROTOKOLY EMISNÝCH HODNÔT Z AMS FERROENERGY S.R.O. PROTOCOLS OF EMISSION VALUES FROM FERROENERGY s.r.o. AMS

| Zariadenie Facility | ZL Pollutant | EL* (mg/m ³) | Počet prekročení EL Number of EL Exceedings | Namerané množstvo ZL (kg) Measured Pollutant Amount | |
|---|-----------------|-----------------------------|--|--|--|
| | | | | Pri dodržanom EL november 2020 Observance of EL NOVEMBER 2020 | Pri dodržanom EL november 2019 Observance of EL NOVEMBER 2019 |
| KOMÍN č. 1 Kotly K1 – K3 Smoke Stack No. 1 – Boilers K1-K3 | CO | 100,0 | 0 | 1 038,0 | 1 824,6 |
| | NO _x | 198,1 | 0 | 23 057,0 | 17 913,9 |
| | SO ₂ | 367,4 | 0 | 48 744,6 | 27 218,6 |
| | TZL | 12,1 | 0 | 525,3 | 1 048,1 |
| KOMÍN č. 5 – kotel K6 Smoke Stack No. 2 – Boiler K6 | CO | 242,5 | 0 | 1 728,5 | 1 996,9 |
| | NO _x | 194,7 | 0 | 27 082,4 | 26 759,9 |
| | SO ₂ | 205,6 | 0 | 6 123,9 | 3 417,7 |
| | TZL | 19,3 | 0 | 214,2 | 529,8 |
| KOMÍN č. 3- kotel K7 Smoke Stack No. 3-Boiler K7 | CO | 237,1 | 0 | 911,7 | 1 494,9 |
| | NO _x | 191,0 | 0 | 23 795,2 | 27 209,5 |
| | SO ₂ | 209,0 | 0 | 3 726,4 | 1 724,8 |
| | TZL | 18,8 | 0 | 254,1 | 393,0 |
| KOMÍN č. 4- kotel K6 Bypass Smoke Stack No. 4-Boiler K6 Bypass | CO | - | 0 | 13,0 | 0 |
| | NO _x | - | 0 | 284,2 | 0 |
| | SO ₂ | - | 0 | 1 114,1 | 0 |
| | TZL | - | 0 | 23,7 | 0 |
| KOMÍN č. 4- kotel K7 Bypass Smoke Stack No. 4-Boiler K7 Bypass | CO | - | 0 | 0 | 0 |
| | NO _x | - | 0 | 0 | 0 |
| | SO ₂ | - | 0 | 0 | 0 |
| | TZL | - | 0 | 0 | 0 |
| Suma | | | 0 | 138 636,3 | 111 531,7 |

*- emisný limit podľa rozhodnutia Slovenskej inšpekcie ŽP, Inšpektorát ŽP Košice (modifikovaný vážený priemer emisných limitov)
/ the emission limit of pollution is specified by Slovak Environmental Inspection, branch Košice

Vysvetlivky/Comments:

- **AMS** - automatizovaný monitorovací systém / *automatic monitoring system*
- **TZL** - tuhé znečisťujúce látky / *total solid particulates*
- **ZL** - znečisťujúca látka / *pollutant*
- **EL** - emisný limit / *emission limit*
- **Mesačný pomer / Monthly rate 2020/2019** – podiel vypustených špecifických emisií (kg emisií na GJ vyrobeného tepla) za hodnotený mesiac roka k vypusteným špecifickým emisiám za ten istý mesiac predchádzajúceho roka./ *the portion of discharged specified emissions (kilograms of emissions per 1 GJ of produced heat) for the evaluated month of the year to the discharged specific emissions for the same month of the previous year*
- **Pomer od začiatku roka / YTD ratio 2020/2019** – podiel vypustených špecifických emisií (kg emisií na GJ vyrobeného tepla) od začiatku hodnoteného roka k vypusteným špecifickým emisiám od začiatku predchádzajúceho roka / *the portion of discharged specified emissions (kilograms of emissions per 1 GJ of produced heat) from the beginning of the evaluated year to the discharged specific emissions from the beginning of the previous year.*

Výsledky externých oprávnených meraní emisií
External Mandatory Air Monitoring Results

neboli vykonané oprávnené merania / without external monitoring

KOMENTÁR (REMARKS):

V priebehu hodnoteného mesiaca nedošlo k žiadnej ekologickej havárii a nebolo štátnou správou započaté konanie za porušenie legislatívy v oblasti životného prostredia.

During the evaluated month did not occur any ecological accident and state authorities didn't begin any hearing for legislation violation in the field of environment.

PRÍLOHY (ANNEXES):

Príloha č. 1 (mesačné protokoly emisných hodnôt z AMS kotlov) / Annex no 1. (monthly protocols emission values of AMS boiler)

Mesačný protokol emisných hodnôt pre komín K 01 (PK1-PK3) za : 11.2020

Prevádzkovateľ: Ferroenergy s.r.o.

Meracie miesto: Komín K 01 (PK1-PK3)

| Palivo | PHH 60min | KoP, KP, VPP, ZP | | | |
|---|-------------------------|------------------|-----------------|-----------------|------------|
| | | CO | NO _x | SO ₂ | TZL |
| PHH (Priemerná hodinová hodnota) | [mg/m ³] | 100,0 | 198,1 | 367,4 | 12,1 |
| EL - Priemerná mesačná hodnota | [mg/m ³] | 10 | 20 | 20 | 30 |
| I | [%EL] | 30 / 0 / 0 | 30 / 0 / 0 | 30 / 0 / 0 | 30 / 0 / 0 |
| N PDH Valid / N PDH F / N PDH N | | 30 / 0 | 30 / 0 | 30 / 0 | 30 / 0 |
| N 48HP Valid / N 48HP N | | 30 / 0 | 30 / 0 | 30 / 0 | 30 / 0 |
| N 48HP < 1,1*EL / N 48HP > 1,1*EL | | 0/0,0 | 0/0,0 | 0/0,0 | 0/0,0 |
| N / %PHH F (nepl.) | | 633/0 | 633/0 | 633/0 | 633/0 |
| N PHH Valid / N PHH E (náhr.) | | 0/0,0 | 0/0,0 | 0/0,0 | 0/0,0 |
| N / %PDH F (nepl.) | | 2,8 | 61,5 | 130,1 | 1,4 |
| c - priem. hm. koncent. ZL ≤ EL | [mg/m ³] | 1 038,0 | 23 057,0 | 48 744,6 | 525,3 |
| množstvo ZL ≤ EL | [kg] | 374 713 | 374 713 | 374 713 | 374 713 |
| Q Spalin ≤ EL | [tis. m ³] | 0,0 | 0,0 | 0,0 | 0,0 |
| c - priem. hm. koncent. ZL > EL | [mg/m ³] | 0,0 | 0,0 | 0,0 | 0,0 |
| množstvo ZL > EL | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin > EL | [tis. m ³] | 0,0 | 0,0 | 0,0 | 0,0 |
| množstvo ZL (N PDH F > 10, nezist. údaje) | [kg] | 0 | 0 | 0 | 0 |
| Q Spalin (N PDH F > 10, nezist. údaje) | [tis. Nm ³] | 0 | 0 | 0 | 0 |

| Stav: | Počet hodín za mesiac - ustálený chod : 633/369/606 | | | | | | PDH - priemerné denné hodnoty [mg/m ³] | | | | 48 hodinové priemerné hodnoty [mg/m ³] | | | |
|----------|---|-------------|-------|-------|-------|-------|--|-----------------|-----------------|-----------|--|-----------------|-----------------|-----------|
| | PK1/PK2/PK3 | | | | | | KoP, KP, VPP, ZP | | | | KoP, KP, VPP, ZP | | | |
| | Bez | Ust | Náb | ZmQ | Odst | Z | CO | NO _x | SO ₂ | TZL | CO | NO _x | SO ₂ | TZL |
| Deň | | | | | | | (PK1-PK3) | (PK1-PK3) | (PK1-PK3) | (PK1-PK3) | (PK1-PK3) | (PK1-PK3) | (PK1-PK3) | (PK1-PK3) |
| 1-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 1,8 | 48,8 | 106,2 | 1,6 | 1,7 | 48,5 | 111,1 | 1,6 |
| 2-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,6 | 55,5 | 121,9 | 1,7 | 2,2 | 52,7 | 114,0 | 1,7 |
| 3-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,8 | 83,8 | 159,0 | 1,4 | 2,7 | 69,7 | 140,5 | 1,5 |
| 4-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 3,6 | 75,0 | 140,4 | 1,7 | 3,2 | 79,4 | 140,5 | 1,5 |
| 5-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,4 | 93,8 | 153,3 | 1,4 | 3,0 | 84,4 | 146,9 | 1,5 |
| 6-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 3,1 | 101,9 | 205,7 | 1,4 | 2,8 | 97,8 | 179,5 | 1,4 |
| 7-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 3,4 | 96,4 | 210,2 | 1,3 | 3,3 | 99,2 | 208,0 | 1,3 |
| 8-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 3,4 | 67,1 | 176,5 | 1,3 | 3,4 | 81,8 | 193,4 | 1,3 |
| 9-11-20 | 0/0/0 | 24/24/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 3,6 | 80,9 | 173,7 | 1,3 | 3,5 | 74,0 | 175,1 | 1,3 |
| 10-11-20 | 0/0/15 | 23/20/8 | 0/0/0 | 1/4/0 | 0/0/1 | 0/0/1 | 5,3 | 121,4 | 180,5 | 3,8 | 4,4 | 101,2 | 177,1 | 2,6 |
| 11-11-20 | 0/0/24 | 24/20/0 | 0/0/0 | 0/4/0 | 0/0/0 | 0/0/0 | 8,2 | 110,6 | 179,3 | 1,2 | 6,7 | 116,0 | 179,9 | 2,5 |
| 12-11-20 | 0/0/24 | 24/24/0 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 6,9 | 86,5 | 151,5 | 1,5 | 7,5 | 98,6 | 165,4 | 1,3 |
| 13-11-20 | 0/0/24 | 24/24/0 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 4,9 | 75,3 | 129,4 | 1,4 | 5,9 | 80,9 | 140,4 | 1,5 |
| 14-11-20 | 0/0/20 | 24/24/0 | 0/0/4 | 0/0/0 | 0/0/0 | 0/0/0 | 4,7 | 88,5 | 152,8 | 1,5 | 4,8 | 81,9 | 141,1 | 1,5 |
| 15-11-20 | 0/0/0 | 24/24/22 | 0/0/1 | 0/0/1 | 0/0/0 | 0/0/0 | 4,2 | 117,7 | 215,3 | 1,6 | 4,5 | 103,1 | 184,1 | 1,5 |
| 16-11-20 | 0/6/0 | 24/17/24 | 0/0/0 | 0/0/0 | 0/1/0 | 0/0/0 | 2,9 | 102,1 | 198,8 | 1,9 | 3,6 | 109,9 | 188,9 | 1,7 |
| 17-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 0,9 | 75,4 | 179,0 | 2,0 | 1,9 | 89,8 | 189,9 | 2,0 |
| 18-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 1,1 | 68,9 | 166,3 | 1,9 | 1,0 | 72,2 | 172,7 | 1,9 |
| 19-11-20 | 10/24/0 | 9/0/24 | 3/0/0 | 0/0/0 | 2/0/0 | 0/0/0 | 1,3 | 58,9 | 163,7 | 1,8 | 1,2 | 63,9 | 165,0 | 1,9 |
| 20-11-20 | 24/24/0 | 0/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 1,6 | 54,5 | 163,0 | 1,8 | 1,4 | 56,7 | 163,3 | 1,8 |
| 21-11-20 | 24/24/0 | 0/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 1,6 | 72,3 | 184,1 | 1,8 | 1,6 | 63,4 | 173,5 | 1,8 |
| 22-11-20 | 16/24/0 | 4/0/24 | 3/0/0 | 1/0/0 | 0/0/0 | 0/0/0 | 1,6 | 62,8 | 169,1 | 1,9 | 1,6 | 67,6 | 176,6 | 1,9 |
| 23-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,9 | 102,7 | 202,7 | 2,4 | 2,2 | 82,8 | 185,9 | 2,2 |
| 24-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,2 | 100,0 | 242,1 | 2,3 | 2,6 | 101,4 | 222,4 | 2,4 |
| 25-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,9 | 97,4 | 198,6 | 3,3 | 2,5 | 98,7 | 220,3 | 2,8 |
| 26-11-20 | 0/24/0 | 21/0/24 | 0/0/0 | 3/0/0 | 0/0/0 | 0/0/0 | 3,2 | 94,6 | 171,3 | 2,5 | 3,0 | 96,0 | 184,9 | 2,9 |
| 27-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,4 | 73,7 | 170,3 | 2,3 | 2,8 | 84,2 | 170,8 | 2,4 |
| 28-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,4 | 51,9 | 151,8 | 2,0 | 2,4 | 62,8 | 161,0 | 2,2 |
| 29-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,4 | 65,3 | 176,6 | 2,1 | 2,4 | 58,6 | 164,2 | 2,0 |
| 30-11-20 | 0/24/0 | 24/0/24 | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 | 2,1 | 87,4 | 198,8 | 2,1 | 2,3 | 76,4 | 187,7 | 2,1 |
| 1-12-20 | | | | | | | | | | | | | | |
| SUMA | 74/342/107 | 633/369/606 | 6/0/5 | 5/8/1 | 2/1/1 | | 3,1 | 82,4 | 173,1 | 1,9 | | | | |

| Označenie PDH, 48HP, PMH | |
|--------------------------|--|
| F | neplátná PDH (Počet pláných PHH < 2/3 počtu PHH Ustálenej prevádzky) |
| N | nevýhodnotená PDH, 48HP, PMH |
| | plátná PDH, 48HP, PMH |
| G | PDH>EL (48HP>1,1.EL), PMH>EL |

Mesačný protokol emisného monitorovania K6 za :

11.2020

Prevádzkovateľ: Ferroenergy s.r.o.

Meracie miesto: Kotel K6

| Palivo | PHH - 60min. | PU, ZP, KP | | | |
|---|------------------------------------|------------|-----------------|-----------------|----------|
| | | CO | NO _x | SO ₂ | TZL |
| ZL | [mg/m ³ _{nt}] | 242,5 | 194,7 | 205,6 | 19,3 |
| EL - Priemerná mesačná hodnota | [mg/m ³ _{nt}] | 242,5 | 194,7 | 205,6 | 19,3 |
| l - interval spoľahlivosti | [%EL] | 10 | 20 | 20 | 30 |
| N PHH ≤ 2.EL+1 / N PHH > 2.EL+1 | | 665 / 0 | 665 / 0 | 665 / 0 | 665 / 0 |
| N PHH Valid / N PHH F / N PHH E | | 665/3/10 | 665/3/10 | 665/3/10 | 665/3/10 |
| % PHH F z N _{stabil} | | 0,4 % | 0,4 % | 0,4 % | 0,4 % |
| N PDH < 1,1.EL+1 / N PDH > 1,1.EL+1 | | 30 / 0 | 30 / 0 | 30 / 0 | 30 / 0 |
| N PDH Valid / N PDH F / N PDH N | | 30/0/0 | 30/0/0 | 30/0/0 | 30/0/0 |
| c - priem. hm. koncent. ZL ≤ EL | [mg/m ³ _{ns}] | 11,7 | 182,6 | 41,3 | 1,4 |
| množstvo ZL ≤ EL | [kg] | 1 728,5 | 27 082,4 | 6 123,9 | 214,2 |
| Q Spalin ≤ EL | [tis. Nm ³] | 148 297 | 148 297 | 148 297 | 148 297 |
| c - priem. hm. koncent. ZL > EL | [mg/m ³ _{ns}] | 0,0 | 0,0 | 0,0 | 0,0 |
| množstvo ZL > EL | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin > EL | [tis. Nm ³] | 0 | 0 | 0 | 0 |
| množstvo ZL (N PDH F > 10, nezist. údaje) | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin (N PDH F > 10, nezist. údaje) | [tis. Nm ³] | 0 | 0 | 0 | 0 |

| Poč hodín za mesiac - ustálený chod : 668 | | | | | | | PDH - priemerné denné hodnoty [mg/m ³ _n] | | | |
|---|-----|------|-----|-----|------|------|---|-----------------|-----------------|-----|
| Stav: | Bez | Ust | Náb | ZmQ | Vyp. | Odst | PU, ZP, KP | | | |
| Deň | - | ''' | N | Q | V | Z | CO | NO _x | SO ₂ | TZL |
| 1-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 5,9 | 187,7 | 13,5 | 1,1 |
| 2-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 6,0 | 190,7 | 18,4 | 0,9 |
| 3-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 11,8 | 174,7 | 19,4 | 1,2 |
| 4-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 6,9 | 174,6 | 18,2 | 1,7 |
| 5-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 6,4 | 176,9 | 30,4 | 2,3 |
| 6-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 6,5 | 185,1 | 30,6 | 1,5 |
| 7-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 9,5 | 189,3 | 32,1 | 0,9 |
| 8-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 11,5 | 177,1 | 32,8 | 1,3 |
| 9-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 9,4 | 191,4 | 42,4 | 1,0 |
| 10-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 10,4 | 183,1 | 48,3 | 1,0 |
| 11-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 9,1 | 181,9 | 45,7 | 0,6 |
| 12-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 9,7 | 180,9 | 50,2 | 0,7 |
| 13-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 9,9 | 177,2 | 42,3 | 1,0 |
| 14-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 15,9 | 171,1 | 43,8 | 1,3 |
| 15-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 17,0 | 176,2 | 26,0 | 1,2 |
| 16-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 11,9 | 172,5 | 38,5 | 0,9 |
| 17-11-20 | 0, | 20, | 0, | 4, | 0, | 0, | 7,3 | 183,0 | 50,6 | 0,8 |
| 18-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 9,0 | 180,0 | 45,4 | 1,1 |
| 19-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 16,8 | 171,1 | 41,2 | 1,1 |
| 20-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 9,8 | 180,9 | 45,2 | 0,6 |
| 21-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 10,8 | 170,9 | 44,3 | 0,7 |
| 22-11-20 | 0, | 20, | 0, | 4, | 0, | 0, | 10,0 | 168,4 | 47,3 | 1,2 |
| 23-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 9,5 | 184,8 | 47,2 | 2,1 |
| 24-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 29,1 | 157,1 | 24,1 | 2,5 |
| 25-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 24,1 | 165,1 | 30,7 | 2,4 |
| 26-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 30,8 | 168,6 | 37,7 | 2,5 |
| 27-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 7,0 | 185,9 | 52,6 | 2,5 |
| 28-11-20 | 0, | 20, | 0, | 4, | 0, | 0, | 7,8 | 179,5 | 47,8 | 2,3 |
| 29-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 8,0 | 183,2 | 48,4 | 2,3 |
| 30-11-20 | 0, | 16, | 0, | 8, | 6, | 0, | 8,8 | 176,0 | 56,0 | 2,1 |
| 1-12-20 | | | | | | | | | | |
| SUMA | 0, | 668, | 0, | 52, | 6, | 0, | 11,6 | 178,2 | 38,4 | 1,4 |

| Označenie PDH | |
|---------------|--|
| F | neplatná PDH (Počet planých PHH < 2/3 počtu PHH Ustálenej prevádzky) |
| N | nemeraná PDH (Počet PHH Ustálenej prevádzky = 0) |
| | platná PDH |
| G | PDH>1,1.EL+1 |

| Dátum PDH > 1,1.EL + 1 | CO | NO _x | SO ₂ | TZL |
|------------------------|----|-----------------|-----------------|-----|
| | x | x | x | x |

Mesačný protokol emisného monitorovania K7 za :

11.2020

Prevádzkovateľ: Ferroenergy s.r.o.

Meracie miesto: Kotel K7

| Palivo | PHH - 60min. | PU, ZP, KP | | | |
|---|------------------------------------|------------|-----------------|-----------------|---------|
| | | CO | NO _x | SO ₂ | TZL |
| ZL | | | | | |
| EL - Priemerná mesačná hodnota | [mg/m ³ _{nr}] | 237,1 | 191,0 | 209,0 | 18,8 |
| I - interval spoľahlivosti | [%EL] | 10 | 20 | 20 | 30 |
| N PHH ≤ 2.EL+I / N PHH > 2.EL+I | | 675 / 0 | 675 / 0 | 675 / 0 | 675 / 0 |
| N PHH Valid / N PHH F / N PHH E | | 675/1/5 | 675/1/5 | 675/1/5 | 675/1/5 |
| % PHH F z N _{stabil} | | 0,1 % | 0,1 % | 0,1 % | 0,1 % |
| N PDH < 1,1.EL+I / N PDH > 1,1.EL+I | | 30 / 0 | 30 / 0 | 30 / 0 | 30 / 0 |
| N PDH Valid / N PDH F / N PDH N | | 30/0/0 | 30/0/0 | 30/0/0 | 30/0/0 |
| c - priem. hm. koncent. ZL ≤ EL | [mg/m ³ _{ns}] | 7,0 | 183,0 | 28,7 | 2,0 |
| množstvo ZL ≤ EL | [kg] | 911,7 | 23 795,2 | 3 726,4 | 254,1 |
| Q Spalin ≤ EL | [tis. Nm ³] | 130 004 | 130 004 | 130 004 | 130 004 |
| c - priem. hm. koncent. ZL > EL | [mg/m ³ _{ns}] | 0,0 | 0,0 | 0,0 | 0,0 |
| množstvo ZL > EL | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin > EL | [tis. Nm ³] | 0 | 0 | 0 | 0 |
| množstvo ZL (N PDH F > 10, nezist. údaje) | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin (N PDH F > 10, nezist. údaje) | [tis. Nm ³] | 0 | 0 | 0 | 0 |

| Poč hodín za mesiac - ustálený chod : 676 | | | | | | | PDH - priemerné denné hodnoty [mg/m ³ _n] | | | |
|---|-----|------|-----|-----|------|------|---|-----------------|-----------------|-----|
| Stav: | Bez | Ust | Náb | ZmQ | Vyp. | Odst | PU, ZP, KP | | | |
| Deň | - | ''' | N | Q | V | Z | CO | NO _x | SO ₂ | TZL |
| 1-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 4,5 | 187,3 | 17,1 | 2,0 |
| 2-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 5,7 | 189,4 | 23,8 | 2,0 |
| 3-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 5,5 | 177,7 | 23,7 | 2,0 |
| 4-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 2,6 | 176,3 | 17,8 | 2,1 |
| 5-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 5,1 | 178,3 | 25,1 | 1,6 |
| 6-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 2,6 | 187,4 | 25,5 | 1,6 |
| 7-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 2,8 | 187,7 | 26,8 | 1,8 |
| 8-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 2,7 | 178,4 | 28,5 | 1,8 |
| 9-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 3,1 | 184,4 | 27,0 | 1,8 |
| 10-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 7,3 | 183,7 | 33,9 | 1,9 |
| 11-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 5,7 | 188,0 | 31,2 | 2,0 |
| 12-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 6,3 | 190,0 | 32,0 | 1,9 |
| 13-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 8,1 | 191,3 | 32,2 | 1,9 |
| 14-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 8,7 | 179,4 | 32,7 | 2,0 |
| 15-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 4,8 | 170,2 | 24,9 | 2,0 |
| 16-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 7,5 | 158,2 | 25,4 | 1,9 |
| 17-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 8,6 | 176,5 | 36,2 | 1,9 |
| 18-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 6,9 | 177,7 | 29,2 | 1,9 |
| 19-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 6,1 | 182,6 | 21,7 | 1,9 |
| 20-11-20 | 0, | 20, | 0, | 4, | 0, | 0, | 5,0 | 180,9 | 26,4 | 2,0 |
| 21-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 4,9 | 178,7 | 27,8 | 1,9 |
| 22-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 5,6 | 174,7 | 28,4 | 1,8 |
| 23-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 8,1 | 175,3 | 23,9 | 2,0 |
| 24-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 5,6 | 159,4 | 20,2 | 2,0 |
| 25-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 7,0 | 162,8 | 20,4 | 1,9 |
| 26-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 6,8 | 166,8 | 23,4 | 1,9 |
| 27-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 6,5 | 176,4 | 32,0 | 2,0 |
| 28-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 9,8 | 184,5 | 35,5 | 2,0 |
| 29-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 17,2 | 190,8 | 40,6 | 2,4 |
| 30-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 16,7 | 184,4 | 40,7 | 2,4 |
| 1-12-20 | | | | | | | | | | |
| SUMA | 0, | 676, | 0, | 44, | 0, | 0, | 6,6 | 179,3 | 27,8 | 1,9 |

| Označenie PDH | |
|---------------|--|
| F | neplatná PDH (Počet planých PHH < 2/3 počtu PHH Ustálenej prevádzky) |
| N | nemeraná PDH (Počet PHH Ustálenej prevádzky = 0) |
| | platná PDH |
| G | PDH>1,1.EL+I |

| Dátum PDH > 1,1.EL + I | CO | NO _x | SO ₂ | TZL |
|------------------------|----|-----------------|-----------------|-----|
| | x | x | x | x |

Mesačný protokol emisného monitorovania K6_{BYPAS} Z :

11.2020

Prevádzkovateľ: Ferroenergy s.r.o.

Meracie miesto: K6 - Bypassový komín

| Palivo | | PU, ZP, KP | | | |
|---|------------------------------------|------------|-----------------|-----------------|--------|
| ZL | PHH - 60min. | CO | NO _x | SO ₂ | TZL |
| EL - Priemerná mesačná hodnota | [mg/m ³ _{nl}] | - | - | - | - |
| I - interval spoľahlivosti | [%EL] | 10 | 20 | 20 | 30 |
| N PHH ≤ 2.EL+I / N PHH > 2.EL+I | | - | - | - | - |
| N PHH Valid / N PHH F / N PHH E | | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 |
| % PHH F z N _{stabil} | | 0,0 % | 0,0 % | 0,0 % | 0,0 % |
| N PDH < 1,1.EL+I / N PDH > 1,1.EL+I | | - | - | - | - |
| N PDH Valid / N PDH F / N PDH N | | 0/0/30 | 0/0/30 | 0/0/30 | 0/0/30 |
| c - priem. hm. koncent. ZL ≤ EL | [mg/m ³ _{ns}] | 8,3 | 180,8 | 708,9 | 15,1 |
| množstvo ZL ≤ EL | [kg] | 13,0 | 284,2 | 1 114,1 | 23,7 |
| Q Spalin ≤ EL | [tis. Nm ³] | 1 572 | 1 572 | 1 572 | 1 572 |
| c - priem. hm. koncent. ZL > EL | [mg/m ³ _{ns}] | 0,0 | 0,0 | 0,0 | 0,0 |
| množstvo ZL > EL | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin > EL | [tis. Nm ³] | 0 | 0 | 0 | 0 |
| množstvo ZL (N PDH F > 10, nezist. údaje) | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin (N PDH F > 10, nezist. údaje) | [tis. Nm ³] | 0 | 0 | 0 | 0 |

| Počet hod. za mesiac - cez bypas.komín : | | | | | | | 6 | | | | | | | PDH - priemerné denné hodnoty [mg/m ³ _{nl}] | | | |
|--|-----------|-------------|-----------|------------|-----------|-----------|------------|-----------------|-----------------|-----|-----|---|-----|--|--|--|--|
| Stav: | Bez | Ust | Náb | ZmQ | Vyp. | Odst | PU, ZP, KP | | | | | | | | | | |
| Deň | - | ''' | N | Q | V | Z | CO | NO _x | SO ₂ | TZL | | | | | | | |
| 1-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 2-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 3-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 4-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 5-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 6-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 7-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 8-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 9-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 10-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 11-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 12-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 13-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 14-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 15-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 16-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 17-11-20 | 0, | 20, | 0, | 4, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 18-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 19-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 20-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 21-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 22-11-20 | 0, | 20, | 0, | 4, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 23-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 24-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 25-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 26-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 27-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 28-11-20 | 0, | 20, | 0, | 4, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 29-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 30-11-20 | 0, | 16, | 0, | 8, | 6, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 1-12-20 | | | | | | | | | | | | | | | | | |
| SUMA | 0, | 668, | 0, | 52, | 6, | 0, | | | | | | | | | | | |

| Označenie PDH | |
|---------------|---|
| F | neplatná PDH (Počet planých PHH < 2/3 počtu PHH Ustálenej prevádzky) |
| N | nemeraná PDH (Počet PHH Ustálenej prevádzky = 0) |
| | platná PDH |
| G | PDH>1,1.EL+I (nepouž.) |

Mesačný protokol emisného monitorovania K7_{BYPAS} Z :

11.2020

Prevádzkovateľ: Ferroenergy s.r.o.

Meracie miesto: K7 - Bypassový komín

| Palivo | | PU, ZP, KP | | | |
|---|------------------------------------|------------|-----------------|-----------------|--------|
| ZL | PHH - 60min. | CO | NO _x | SO ₂ | TZL |
| EL - Priemerná mesačná hodnota | [mg/m ³ _n] | - | - | - | - |
| I - interval spoľahlivosti | [%EL] | 10 | 20 | 20 | 30 |
| N PHH ≤ 2.EL+I / N PHH > 2.EL+I | | - | - | - | - |
| N PHH Valid / N PHH F / N PHH E | | 0/0/0 | 0/0/0 | 0/0/0 | 0/0/0 |
| % PHH F z N _{stabil} | | 0,0 % | 0,0 % | 0,0 % | 0,0 % |
| N PDH < 1,1.EL+I / N PDH > 1,1.EL+I | | - | - | - | - |
| N PDH Valid / N PDH F / N PDH N | | 0/0/30 | 0/0/30 | 0/0/30 | 0/0/30 |
| c - priem. hm. koncent. ZL ≤ EL | [mg/m ³ _{ns}] | 0,0 | 0,0 | 0,0 | 0,0 |
| množstvo ZL ≤ EL | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin ≤ EL | [tis. Nm ³] | 0 | 0 | 0 | 0 |
| c - priem. hm. koncent. ZL > EL | [mg/m ³ _{ns}] | 0,0 | 0,0 | 0,0 | 0,0 |
| množstvo ZL > EL | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin > EL | [tis. Nm ³] | 0 | 0 | 0 | 0 |
| množstvo ZL (N PDH F > 10, nezist. údaje) | [kg] | 0,0 | 0,0 | 0,0 | 0,0 |
| Q Spalin (N PDH F > 10, nezist. údaje) | [tis. Nm ³] | 0 | 0 | 0 | 0 |

| Počet hod. za mesiac - cez bypas.komín : | | | | | | | 0 | | | | | | | PDH - priemerné denné hodnoty [mg/m ³ _n] | | | |
|--|-----|------|-----|-----|------|------|------------|-----------------|-----------------|-----|-----|---|-----|---|--|--|--|
| Stav: | Bez | Ust | Náb | ZmQ | Vyp. | Odst | PU, ZP, KP | | | | | | | | | | |
| Deň | - | ''' | N | Q | V | Z | CO | NO _x | SO ₂ | TZL | | | | | | | |
| 1-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 2-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 3-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 4-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 5-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 6-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 7-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 8-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 9-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 10-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 11-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 12-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 13-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 14-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 15-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 16-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 17-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 18-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 19-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 20-11-20 | 0, | 20, | 0, | 4, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 21-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 22-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 23-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 24-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 25-11-20 | 0, | 24, | 0, | 0, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 26-11-20 | 0, | 23, | 0, | 1, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 27-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 28-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 29-11-20 | 0, | 21, | 0, | 3, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 30-11-20 | 0, | 22, | 0, | 2, | 0, | 0, | 0,0 | N | 0,0 | N | 0,0 | N | 0,0 | N | | | |
| 1-12-20 | | | | | | | | | | | | | | | | | |
| SUMA | 0, | 676, | 0, | 44, | 0, | 0, | | | | | | | | | | | |

| Označenie PDH | |
|---------------|---|
| F | neplatná PDH (Počet planých PHH < 2/3 počtu PHH Ustálenej prevádzky) |
| N | nemeraná PDH (Počet PHH Ustálenej prevádzky = 0) |
| | platná PDH |
| G | PDH>1,1.EL+I (nepouž.) |