

INFORMATION DIGEST

SEPTEMBER 2-8, 2024



Status of the Ukrainian nuclear power plants and the nuclear industry of Ukraine

- According to the JSC "NNEGC "Energoatom", on September 2-8, 2024, power units of Ukrainian nuclear power plants which are located on the territory controlled by Ukraine worked to meet the needs of the population and the country's economy.
- According to the Energoatom company's announcement on September 4, 2024 an issue was identified in the operation of one of the power units at the station, leading to its load being reduced to 33% of its nominal capacity. This incident is not related to the ongoing maintenance campaign. The situation arose due to complex transitional conditions caused by hostile attacks on Ukrenergo's infrastructure, which resulted in significant fluctuations in the network parameters (frequency, voltage, current) connected to the power units, leading to their disconnection from the grid.
- On September 3, 2024 President of Ukraine Volodymyr Zelenskyy met with Director General of the International Atomic Energy Agency (IAEA) Rafael Grossi on the eve of his next visit to the russian-occupied Zaporizhzhia Nuclear Power Plant.

The President informed about the consequences of massive russian shelling of Ukraine's energy infrastructure with ballistic, cruise missiles and kamikaze drones, which led to the temporary disconnection of nuclear power units from the grid and a decrease in their capacity.

During the meeting, Zelenskyy and Grossi discussed strengthening nuclear security in Ukraine, in particular in the context of the inadmissibility of shelling of Ukrainian NPPs and other energy facilities. Stable external power supply is critical for the safety of nuclear power plants.

The parties agreed on the need to expand the mandate of the existing IAEA observation missions at nuclear power plants in Ukraine to ensure continuous monitoring of not only the condition of nuclear power plants, but also substations critical to their operation. The IAEA Director also assured of support for the construction of new nuclear power units in Ukraine.

Current situation on Zaporizhzhia NPP

- According to the JSC "NNEGC "Energoatom" the Zaporizhzhia Nuclear Power Plant is once again in a high-risk danger zone. On September 2, 2024, due to russian shelling, one of the two external overhead lines through which the temporarily occupied Zaporizhzhia NPP receives power from the Ukrainian energy system for its own needs was damaged.



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- Ukrainian specialists could not inspect the damaged area for a long time and begin repairs due to the threat of repeated shelling of the area by Russian troops. Ukrainian power engineers returned the damaged second power transmission line to operation on September 5. Thus, the power supply to the temporarily occupied Zaporizhzhya NPP from the Ukrainian energy system via two lines has been resumed.

Current situation on Chernobyl NPP and in the Exclusion Zone

- On September 2-8, 2024, the radiation situation at the ChNPP site was without changes. The monitored parameters of the equipment were within the boundaries set by the technological regulations. Operating personnel continues to ensure nuclear and radiation safety.
- On 29 August 2024, Grant Agreement No. 3 was signed between the European Bank for Reconstruction and Development (EBRD) and the Chernobyl NPP. This agreement provides for the financing of key works aimed at the safety improving and ChNPP facilities modernisation. Read the full article via the link: <https://bit.ly/3zdbUkE>
- Chernobyl NPP has received a second part of the humanitarian aid from the International Atomic Energy Agency as part of a program to provide medical assistance to operating staff at Ukrainian nuclear power plants. Read the full article via the link: <https://bit.ly/4gb6Fmi>
- Fire broke out in Chernobyl zone: 400 rescuers have been extinguishing it for two days. Due to strong winds, the fire is rapidly spreading to new areas.

War in Ukraine

- On September 8, 2024 was the 928 day of the resistance Ukraine to the Russian military invasion.
- According to the General Staff of the Armed Forces of Ukraine [AFU], as of now, the number of combat engagements in the frontline has increased under 100 every day. The situation is most intense in the Kurakhove and Pokrovsk directions in the East of the country. The defence forces are taking all necessary measures to prevent Russians from advancing deep into Ukrainian territory.
- **Situation in the North.** The Volyn and Polissia sectors, no signs of Russian offensive groups were detected. The operational situation has not changed significantly.
On the border with Chernihiv and Sumy regions, Russian army is shelling populated areas from the territory of the Russian Federation and conducting air strikes.
Through the humanitarian corridor on the border of Sumy region with the Russian Federation, 35,000 Ukrainians left the occupation. But now the corridor is closed.
- **Hostilities in the East.** In the Kharkiv sector, Russians continued assault operations. There are combat engagements in the area of Vovchansk, Tykhe and Starytsia. Ukrainian troops repelled attacks in the Kupiansk, Siverskyi and Lyman sectors.
- In the Kramatorsk sector, Ukrainian troops stopped enemy attempts to break through our defences in the areas of Andriivka, Mayske, Chasiv Yar, Bila Hora, Predtechyne and Klishchiivka.



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- In the Toretsk sector, Russian military carried out their attack with the support of aviations. They concentrated their efforts in the areas of Pivnichne, Zalizne and New York, Toretsk and Nelipivka.
- The General Staff noted that the situation in the Pokrovsk direction remains tense. Fighting continues in eight locations. Russia continues to advance there, there is no stabilization of situation.
The situation is complicated in the Kurakhove direction, where they tried to advance near Krasnohorivka, Heorhiivka, and Kostiantynivka.
- **Situation in the South.** Over the past month, the occupants have reduced the number of attacks in the Zaporizhzhia sector. In general, the front line in Zaporizhzhia region remains stable. The Russians took several military units, battalions, regiments and brigades from Zaporizhzhia region to the Kursk direction and other threatening areas. This week, the enemy did not launch any offensive assault operations in the Orikhivske and Huliaipillia directions.
- **Situation with shelling of Ukraine.**
- Almost every night last week Russian troops attacked Ukraine with "Shahed" type UAVs and air missiles. Air defense worked in the Vinnytsia, Rivne, Khmelnytskyi, Kyiv, Kirovohrad, Mykolaiv, Chernihiv, Cherkasy, Sumy, Kherson, and Poltava regions.
- On 3 September, Russians attacked the city of Poltava with two "Iskander-M" ballistic missiles. The enemy hit an educational institution and a hospital. One of the buildings of the Institute of Communications, the hospital and nearby houses were partially destroyed. The Office of the Prosecutor General reported 58 dead and 271 wounded.
- On 3 September 2024, at about 21:35, Russia, using methods of warfare prohibited by international law, dropped a guided aerial bomb on one of the buildings of a higher education institution in the city of Sumy, according to preliminary information. As noted, the university building was damaged as a result of the enemy attack.
- On the night of 4 September, the Russians launched 5 Tu-95 strategic bombers. Later it became known about the launches. In the morning, the occupiers also took MiG-31K and Tu-22M3 into the sky. The air force reported that there was a threat to the western regions. It also became known that houses in the area of the main railway station in the city of Lviv were burning due to the Russian attack. According to the latest reports, 7 people were killed and many injured. According to doctors, 11 people are in critical condition.
- In addition, on the morning of September 4, 2024, Russian troops launched a missile attack on a civilian infrastructure facility in the centre of the city of Kryvyi Rih, Dnipropetrovsk region. The blast wave damaged more than 10 high-rise buildings. Five people were injured, not seriously.
- On September 6, 2024, Russians struck at the city of Pavlohrad in the Dnipropetrovsk region: one dead, number of wounded increased up to 64.
- On September 7, 2024, the Russian army struck energy facilities in six regions of Ukraine. The Ministry of Energy of Ukraine reported this. As noted, the enemy attacked energy facilities in the Dnipropetrovsk, Donetsk, Zaporizhzhia, Odesa, Sumy, and Kharkiv regions. In the Kharkiv and Sumy regions, substations and



household consumers were cut off from power due to the fighting. The power supply has been restored according to the backup scheme.

- According to the Prime Minister, Ukraine already has intelligence that Russia is preparing further massive missile and drone strikes on our country's energy system. "We understand that the enemy will not give us the 'luxury' of living in peace, their terrorist and genocidal policy will continue. We already have intelligence that further massive missile and drone strikes on our energy system are being prepared," the Prime Minister said. Shmyhal also said that Ukraine has lost 9 gigawatts, which is half of its pre-war electricity consumption.
- Over 440 cases of occupants' use of hazardous chemical munitions recorded in August - Support Forces. Along with conventional firepower, the enemy uses ammunition loaded with hazardous chemicals, such as K-51 and RG-VO, which are anti-riot weapons and are prohibited for use as weapons of war. There is also a significant proportion of ammunition containing hazardous chemical compounds of unspecified type.

Sources: t.me/V_Zelenskiy_official, t.me/energoatom_ua, Centre for Strategic Communication, Ministry of Defense of Ukraine, the National Police of Ukraine censor.net, Ukrainska Pravda, radiosvoboda.org, eurointegration.com.ua



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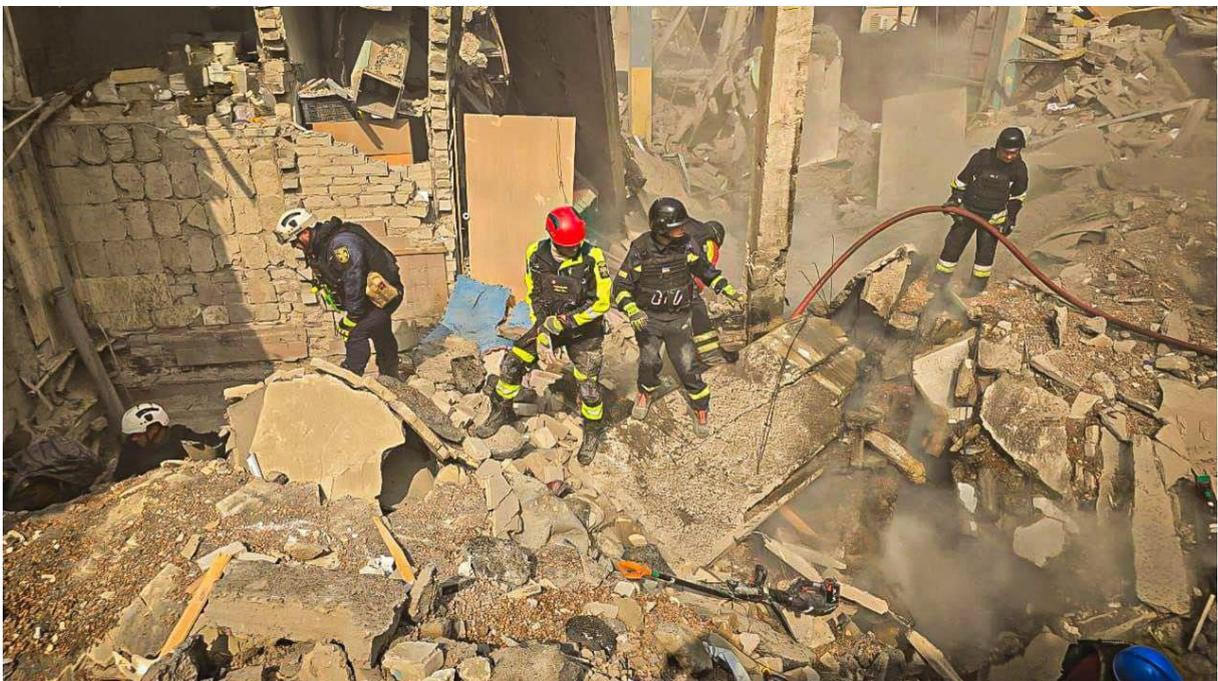


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One of the most challenging weeks for our country has come to an end. The russian occupiers have launched massive, combined attacks on Kharkiv, Poltava, Lviv, Sumy, Zaporizhzhia, and other cities across Ukraine. In an instant, dozens of lives were lost or affected. Every day, the aggressor nation brings sorrow and destruction to Ukrainians. Emergency responders and other operational services continue to work almost around the clock to mitigate the consequences of these strikes.



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ДНІПРОПЕТРОВЩИНИ



DEAR COLLEAGUES

THE UKRAINIAN NUCLEAR SOCIETY IS ACTIVELY ENGAGED IN VOLUNTEER ACTIVITIES, HELPING OUR COLLEAGUES FROM NUCLEAR POWER PLANTS, REFUGEES FROM THE ZAPORIZHZHIA NPP, AS WELL AS OUR MEMBERS WHO JOINED THE ARMED FORCES TO DEFENDED OUR COUNTRY.

SUPPORT THE ANS-ENS UKRAINIAN NUCLEAR WORKERS HUMANITARIAN FUND

WE ARE VERY GRATEFUL FOR ANY HELP AND SUPPORT!

STAND WITH UKRAINE 



LINK TO SUPPORT



PRESENTATION ABOUT VOLUNTEER ACTIVITIES

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Support Ukraine's nuclear workers and their families impacted by war.

