

# INFORMATION DIGEST

JULY 03/04, 2023



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

- According to SE NNEGC Energoatom, as of July 03/04, 2023, 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.
- Another power unit of Energoatom returned to work after a scheduled repair
- On July 4, 2023, the power unit of NPPs of Energoatom (with a capacity of 1000 MW) was reconnected to the grid, the power increase continues. Scheduled repairs to the power unit began on May 4 and were completed four days ahead of schedule. Recall that in June one of the nuclear power units was already released for repairs 20 days earlier. It should be reminded that six power units (with a total capacity of 6,000 MW) of the temporarily occupied Zaporizhzhya NPP are not working yet, all of them have been stopped.

### Current situation on Zaporizhzhya NPP

- According to the SE NNEGC Energoatom as of July 03/04, 2023, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine.
- On July 4, at 01:21 am, the temporarily occupied Zaporizhzhya nuclear power plant lost the connection to its main external power transmission line with a voltage of 750 kV. After that, the ZNPP had to switch to its only available 330 kV back-up power line, which was repaired and reconnected to the power plant only on July 1 after being damaged four months ago.
- As of 08:00 on July 5, the water level in the cooling pond of Zaporizhzhya NPP remains unchanged. It is currently 16.56 m. The water level in the canal of the thermal power plant, from where, if necessary, the ZNPP food cooler is fed, is at the level of 11.15 m. It should be noted that recently the water level in the canal has not dropped significantly, its indicators no longer depend on the Kakhovka reservoir.
- The Armed Forces of Ukraine officially inform [citizens] about the possible preparation, in the near future, of a provocation on the territory of the Zaporizhzhya nuclear power plant, which has been occupied by Russian terrorists since 4 March 2022. Operational information says that unknown devices similar to explosive charges have been placed on the outer roof of the third and fourth power units of the ZNPP.

### Current situation on Chernobyl NPP and in the Exclusion Zone

- On July 03/04, 2023, the radiation situation at the ChNPP site was without



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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.

## War in Ukraine

- On July 04 is the 496 day of the resistance of Ukraine to the russian military invasion has ended.
- According to the General Staff of the Armed Forces of Ukraine, Ukraine's defence forces are conducting an offensive operations on the Melitopol and Berdiansk fronts [east-southern Ukraine]; they are entrenched at the gained positions. Over the course of the past day, enemy forces carried out a missile strike on the city of Pervomaiskyi and the village of Bilyi Kolodiaz in Kharkiv Oblast. They also conducted 47 airstrikes and deployed multiple-launch rocket systems (MLRS) in 59 further attacks on positions of [Ukrainian] troops and on civilian settlements. russia's terrorist attacks left several civilians injured, and damaged residential buildings, outbuildings, and administrative facilities, as well as privately owned vehicles.
- russia also is focusing its main efforts on the Lyman, Bakhmut, Avdiivka and Marinka fronts [eastern Ukraine] where fierce battles are being fought. A total of 40 combat engagements occurred [between russian and Ukrainian forces on these fronts over the course of the day].
- On the Bakhmut front, Ukraine's forces successfully repelled russian assaults in the vicinity of Orikhovo-Vasylivka and Bohdanivka (Donetsk Oblast). Ukrainian forces also continued to conduct offensive operations to the south and the north of Bakhmut, and are consolidating the positions they have captured. More than 15 civilian settlements came under russian fire.
- russian forces on the Zaporizhzhya and Kherson fronts are focusing their efforts on preventing the advance of Ukrainian forces.
- The Ukrainian Defence Forces are strengthening the northern border of the country with manpower and military equipment due to the events at the Zaporizhzhya Nuclear Power Plant (ZNPP) – Joint Forces commander Lieutenant General Serhii Naiev reports. Naiev explained that anti-tank fences are being built, minefields are being set and the whole Ukrainian defence line is being fortified there.
- The russian occupiers opened fire on the city of the Kherson on the morning of July 4, killing two people.
- Three people have been killed and 21 injured in Sumy due to a russian drone attack on an apartment building, and a day of mourning has been declared in the city on July 4. Russians attacked residential buildings and a Security Service of Ukraine building in Sumy with Iranian drones on the night of July 2/3. There is a high ongoing threat of missile and airstrikes across Ukraine.

*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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***As of July 4 at 18:00 Kyiv time, three civilians were killed and 19 sustained injuries in a Russian drone attack on the city of Sumy [northern Ukraine].***



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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.



LINK TO SUPPORT

SUPPORT THE ANS-ENS UKRAINIAN NUCLEAR WORKERS HUMANITARIAN FUND



PRESENTATION ABOUT VOLUNTEER ACTIVITIES

WE ARE VERY GRATEFUL FOR ANY HELP AND SUPPORT!

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

