



THE CABINET OF MINISTERS OF UKRAINE RESOLUTION

No. 1109 of 9 October 2020

Kyiv

Certain issues of critical infrastructure facilities

In accordance with [paragraph 2](#) of Article 6 of the Law of Ukraine “On the Key Principles of Ensuring Cyber Security of Ukraine”, the Cabinet of Ministers of Ukraine hereby **resolves**:

That the following acts attached hereto be approved:

Procedure for designation of facilities as the critical infrastructure facilities;

List of sectors (sub-sectors), core services of critical infrastructure of the state;

Methodology for categorization of critical infrastructure facilities.

Prime Minister of Ukraine

D.SHMYHAL

Ind. 49

APPROVED

**by the Resolution of the Cabinet of Ministers of Ukraine
No. 1109 of 9 October 2020**

PROCEDURE for designation of facilities as the critical infrastructure facilities

1. This Procedure determines the mechanism for designation of facilities as the critical infrastructure facilities and their categorization.

2. The terms used herein shall have the following meanings:

critical infrastructure facility’s security shall mean the state of a critical infrastructure facility’s security ensuring its functionality and operational continuity and/or enabling provision of core services by that facility;

critical infrastructure facility's owner and/or manager (hereinafter — the core service operator) shall mean a public authority, enterprise, institution, organization of any form of ownership, a legal entity and/or a natural person to whom/to which a critical infrastructure facility belongs by right of ownership, or on the rental basis, or on any other legal grounds, or who/which is responsible for its current functioning;

vital services and functions (hereinafter — the core services) shall mean the services provided, and functions performed by the core service operators, failures and disruptions in provision/performance of which may result in adverse effects for public, society, social and economic situation and national security and defense of Ukraine;

protection of the critical infrastructure facilities shall mean organizational, legal and normative, engineering and technical and other actions aimed at ensuring security of the critical infrastructure facilities;

identification of the critical infrastructure facility shall mean the procedure for designation of an infrastructure facility as the critical infrastructure facility;

categorization of the critical infrastructure facility shall mean the procedure for referring critical infrastructure facilities to a certain criticality category;

critical infrastructure facility criticality category shall mean a degree of importance of a critical infrastructure facility classified depending on its influence on provision of core services;

crisis situation shall mean violation or a threat of violation of the normal mode of functioning of critical infrastructure or its separate facility, response to which requires involvement of additional efforts and resources;

critical infrastructure shall mean a totality of critical infrastructure facilities;

sector (sub-sector) of critical infrastructure shall mean a totality of critical infrastructure facilities belonging to the same sector/sub-sector of economy and/or having common functional use;

designated public authority responsible for a sector/sub-sector of critical infrastructure (hereinafter — the designated authority) shall mean a central executive authority or other public authority ensuring development and/or implementation of the state policy in one or more areas;

restoration time shall mean time necessary for restoration of functioning of a critical infrastructure facility, in terms of provision of core services, in normal mode after occurrence of a crisis situation, damage or destruction of a facility.

Other terms shall be used in the meanings as set out in the Laws of Ukraine [“On the Key Principles of Ensuring Cyber Security of Ukraine”](#), [“On Television and Radio Broadcasting”](#), [“On Telecommunications”](#).

3. The following criticality categories are established for critical infrastructure facilities:

Criticality category I — critical facilities of national state significance having considerable influence on other critical infrastructure facilities and the malfunction of which will result in occurrence of a crisis situation of national significance;

Criticality category II — vital facilities the malfunction of which will result in occurrence of a crisis situation of regional significance;

Criticality category III — important facilities the malfunction of which will result in occurrence of a crisis situation of district significance;

Criticality category IV — necessary facilities the malfunction of which will result in occurrence of a crisis situation of local significance.

4. The designated authorities shall identify critical infrastructure facilities of their sectors (sub-sectors) of critical infrastructure by using the list of sectors (sub-sectors), core services of critical infrastructure.

5. The designated authorities shall together with the core service operators categorize critical infrastructure facilities of their sectors (sub-sectors) of critical infrastructure according to [Methodology for categorization of critical infrastructure facilities](#).

6. Information on critical infrastructure facilities belonging to criticality categories I, II III and IV shall be entered by the designated authorities in the sectoral lists of critical infrastructure facilities to be formed and maintained by them.

7. The designated authorities shall make consolidated lists of all critical infrastructure facilities of their sectors (sub-sectors) of critical infrastructure belonging to criticality categories I and II and shall provide them to the designated authority for protection of critical infrastructure for the purpose of forming the national list of critical infrastructure facilities.

The designated authorities shall enter updated information on critical infrastructure facilities of their sector (sub-sector) of critical infrastructure into the national list of critical infrastructure facilities every two years and within one month in case of:

change of owner or name of critical infrastructure facility;

change of category of critical infrastructure facility;

liquidation of critical infrastructure facility.

8. Information on the critical infrastructure facilities contained in the national list of critical infrastructure facilities and sectoral lists of critical infrastructure facilities shall be restricted information the protection of which shall be secured in accordance with the requirements of information security legislation.

APPROVED

**by the Resolution of the Cabinet of Ministers of Ukraine
No. 1109 of 9 October 2020**

**LIST
of sectors (sub-sectors), core services of critical infrastructure of
the state**

Designated public authority responsible for a sector (sub-sector) of critical infrastructure	Sector	Sub-sector	Type of core service
Ministry of Energy	fuel and energy sector	electric power industry	electricity generation support of electric power market functioning, arrangement of purchase and sale of electric power in the market

					management of transmission and power supply systems
					electric energy distribution
					petroleum industry oil production
					transfer (transit) of oil and petroleum products
					oil refining, processing and treatment
					operation of oil pipelines
					storage and supply of oil and petroleum products
					gas industry gas production
					gas processing and purification
					transfer (transit) of gas
					gas distribution
					operation of gas transportation system
					natural gas storing
					maintaining natural gas liquefaction systems
					nuclear power industry electricity generation at nuclear plants
					operation of nuclear plants
					nuclear fuel manufacturing, processing and storing
					radioactive waste management and disposal
Ministry of Digital Transformation	information sector	information technologies			provision of cloud services, including data storing and processing in data processing centers and/or cloud storages, cloud computing
					maintenance of electronic government systems

			provision of electronic trust services
			maintenance of electronic identification systems
			provision of services for maintenance and operation of multichannel television network without a right of providing a software (information) service in three and more regions of the country
			digital terrestrial broadcasting with the use of radio frequency resource in three and more regions of the country
		telecommunications	maintenance of Internet Exchange Points (IXP)
			administering address space of Ukrainian Internet segment, including provision of services for maintaining and administering of domain name systems (DNS) in Internet
			administering and keeping registers of top-level domain names in Internet, including domain.UA
Ministry for Communities and Territories Development of Ukraine	life support systems	utility services	thermal energy supply
			hot water supply
			centralized water supply
			centralized water sewerage
			household waste management
Ministry of Economy	food industry and agroindustrial complex		manufacturing and processing of agricultural and/or food products
			operation of large irrigation systems, channels
			ensuring storage of inventories of the state material reserve
Ministry of Health	health care		provision of emergency medical services

		provision of services for inpatient and outpatient treatment and other medical services
		manufacture, procurement and supply of pharmaceuticals, medicines, vaccines, blood and other medications and medical equipment
		control over infectious diseases and/or epidemics
NHSU	health care	functioning of electronic health care system
NSSMC	financial sector	support of functioning of stock market
Ministry of Infrastructure	transport and post	air transport
		air traffic control
		air transportation (air transport operation)
	motor and urban transport	support of operation of airports and ancillary equipment located at airports
		bus transportation (intercity, international)
		urban transportation (buses, trams, trolley buses, metro)
		maintenance of transport infrastructure (roads, bridges, tunnels, crossovers)
		traffic control services
		functioning of intelligent transport systems (mobility, traffic control, interaction with other modes of transport)
	railway transport	passenger railway transportation
		cargo railway transportation
		railway operation and service
		support of operation of railway

		stations and terminals
	marine and river transport	shipping control and management
		operations in inland, marine or coastal passenger and cargo transport
		functioning of management bodies of ports or port equipment operation entities
		operation and maintenance of infrastructure (channels, dams, fairways etc.)
	postal communication	provision of postal services
Ministry of Strategic Industries	chemical industry	industrial gas production
		manufacture of fertilizers or nitrogen compounds
		manufacture of pesticides or other agrochemicals
		manufacture of explosives
		manufacture of basic organic chemicals
	metallurgical industry	manufacture of basic inorganic substances
		mining and metallurgical complex (metallurgical production and iron ore extraction)
		manufacture of coke and coke products
	defense industry	development, manufacture, modernization and disposal of military products (defense industrial complex)
	space industry	manufacture and supply of space hardware
	aircraft industry	manufacture and supply of aircraft products

	ship building industry	ship building and supply of ship building products
Ministry of Internal Affairs	civil protection of population and territories	system of emergency assistance to population on 112 universal phone number emergency and urgent warning of population, liquidation and emergency recovery, organization and coordination of rescue of people and property

APPROVED
by the Resolution of the Cabinet of Ministers of Ukraine
No. 1109 of 9 October 2020

METHODOLOGY

for categorization of critical infrastructure facilities

1. This Methodology determines the mechanism and criteria of referring a critical infrastructure facility to one of the criticality categories.

2. The terms used herein shall have the following meanings:

critical infrastructure facility's security shall be the state of a critical infrastructure facility's security ensuring its functionality and operational continuity and/or enabling provision of core services by that facility;

critical infrastructure facility's owner and/or manager (hereinafter — the core service operator) shall be a public authority, enterprise, institution, organization of any form of ownership, a legal entity and/or a natural person to whom/to which a critical infrastructure facility belongs by right of ownership, or on the rental basis, or on any other legal grounds, or who/which is responsible for its current functioning;

vital services and functions (hereinafter — the core services) shall be the services provided, and functions performed by the core service operators, failures and disruptions in provision/performance of which may result in adverse effects for public, society, social and economic situation and national security and defense of Ukraine;

protection of the critical infrastructure facilities shall mean organizational, legal and normative, engineering and technical and other actions aimed at ensuring security of the critical infrastructure facilities;

identification of the critical infrastructure facility shall mean the procedure for designation of an infrastructure facility as the critical infrastructure facility;

categorization of the critical infrastructure facility shall mean the procedure for referring critical infrastructure facilities to a certain criticality category;

critical infrastructure facility criticality category shall mean a degree of importance of the critical infrastructure facility classified depending on its influence on provision of core services;

crisis situation shall mean violation or a threat of violation of the normal mode of functioning of critical infrastructure or its separate facility, response to which requires involvement of additional efforts and resources;

critical infrastructure shall mean a totality of critical infrastructure facilities;

sector (sub-sector) of critical infrastructure shall mean a totality of critical infrastructure facilities belonging to the same sector/sub-sector of economy and/or having common functional use;

designated public authority responsible for a sector/sub-sector of critical infrastructure (hereinafter — the designated authority) shall be a central executive authority or other public authority ensuring development and/or implementation of the state policy in one or more areas;

restoration time shall mean time necessary for restoration of functioning of a critical infrastructure facility, in terms of provision of core services, in normal mode after occurrence of a crisis situation, damage or destruction of a facility.

Other terms shall be used in the meanings as set out in the Laws of Ukraine [“On the Key Principles of Ensuring Cyber Security of Ukraine”](#), [“On Television and Radio Broadcasting”](#), [“On Telecommunications”](#).

3. The critical infrastructure facility criticality category shall be determined based on the analysis of the level of adverse effect which a person, society, environment, economy, national security and defense capacity of the country can experience as a result of malfunction or breakdown of the infrastructure facility according to the criteria specified in [annexes 1](#) and [2](#).

4. Critical infrastructure facility category shall be determined according to the following procedure:

1) the designated authority shall identify all critical infrastructure facilities of its sector (sub-sector) of critical infrastructure according to the [Procedure for designation of facilities as the critical infrastructure facilities](#), as approved by the Resolution of the Cabinet of Ministers of Ukraine No. 1109 of 9 October 2020;

2) the designated authority shall according to the [Procedure for designation of facilities as the critical infrastructure facilities](#) determine for each facility of its critical infrastructure sector (sub-sector) which core services are provided by such facility;

3) the designated authority shall together with the core services operator assess criticality of the critical infrastructure facility using sectoral and intersectoral criteria of determination of adverse effect level specified in [annexes 1](#) and [2](#), taking into account:

level of adverse effect on provision of core services in case of destruction, damage or malfunction of the critical infrastructure facility;

social significance of the critical infrastructure facility;

public significance of the critical infrastructure facility;

economic significance of the critical infrastructure facility;

existence of interrelations between the critical infrastructure facilities;

significance of the critical infrastructure facility for ensuring national security and defense capacity of the country;

4) when completing a form of [annex 1](#) an adverse effect level within the sector or sub-sector of the critical infrastructure facility shall must be selected and in column “Assessment of CL_i” a point

must be specified according to the adverse effect level describing effects consequences which can occur in case of malfunction of the critical infrastructure facility;

5) when completing a form of [annex 2](#) an adverse effect level must be selected for each criterion specified in the form, and in column “Assessment of CL_i” a point must be specified according to the adverse effect level describing consequences which can occur in case of malfunction of the critical infrastructure facility;

6) all points obtained in the course of assessment of the critical infrastructure facility must be summarized according to the forms given in [annexes 1](#) and [2](#);

7) the overall normed assessment of the criticality level must be calculated according to the following formula:

$$PK_{OKI} = \frac{\sum PK_i}{\sum PK_{max}},$$

where CL_{CF} is the overall normed assessment of the critical infrastructure facility criticality level;

$\sum PK_i$ is a sum of points obtained by the critical infrastructure facility according to all criticality criteria ([annexes 1](#) and [2](#));

$\sum PK_{max}$ is a maximum possible sum of points (to be calculated on the assumption that the facility obtains maximum points according to all criteria of assessment of the adverse effect level).

Note. This Methodology uses 17 or 18 criteria depending on sector. Therefore, for critical infrastructure facilities belonging to critical infrastructure sectors according to items 1, 3–7 of [annex 1](#), the maximum possible sum of points will amount to $\sum PK_{max} = 18 \times 4 = 72$ points, for critical infrastructure facilities belonging to sectors according to items 2, 8–13 of annex 1, the maximum possible sum of points will amount to $\sum PK_{max} = 17 \times 4 = 68$ points.

8) decision regarding the criticality category of the critical infrastructure facility must be made on the basis of the overall normed assessment of the critical infrastructure facility criticality level according to the following rule:

Criticality category I, if $0.8 < CL_{CF} \leq 1$;

Criticality category II, if $0.63 < CL_{CF} \leq 0.8$;

Criticality category III, if $0.37 < CL_{CF} \leq 0.63$;

Criticality category IV, if $0.2 < CL_{CF} \leq 0.37$;

a facility is not critical if $CL_{CF} \leq 0.2$;

9) information on critical infrastructure facilities belonging to facilities of criticality categories I and II shall be provided by the designated authority to the designated authority in the area of protection of critical infrastructure for forming the national list of critical infrastructure facilities;

10) information on critical infrastructure facilities belonging to facilities of criticality categories I, II III and IV shall be entered in the sectoral list of critical infrastructure facilities to be formed and maintained by the designated authority in the respective sector (sub-sector).

5. Methodological recommendations for categorization of a critical infrastructure facility shall be approved by the SSSCIP Administration.

**DETERMINATION OF LEVEL
of adverse effect on provision of core services in case of destruction, damage
or malfunction of the critical infrastructure facility (sectoral criteria)**

Sector/ sub-sector	Adverse effect factor in sector/sub-sector	Adverse effect level: catastrophic consequences (4 points)	Adverse effect level: critical consequences (3 points)	Adverse effect level: significant consequences (2 points)	Adverse effect level: insignificant consequences (1 point)	Assessment $\sum PK_i$
1. Services provided by the electric power industry sub-sector and nuclear power industry sub-sector	in case of destruction, damage or malfunction of the critical infrastructure facility, power supply will be stopped	for more than 145,000 inhabitants or consumers of I category in the territory of more than one region or in the territory of not less than three cities of regional significance	for more than 30,000 inhabitants or consumers of II category in the territory of one region or in the territory of more than one district of the city - regional center, or in the entire territory of one city of regional significance	for more than 2,000 inhabitants	for less than 2,000 inhabitants	
		operation restoration time in normal mode may not exceed 6 hours	operation restoration time in normal mode can range from 6 to 24 hours	operation restoration time in normal mode can range from one to three days	operation restoration time in normal mode can be more than three days	
2. Services provided by the oil and petroleum products sub-sector	in case of destruction, damage or malfunction of the critical infrastructure facility, oil and petroleum products	more than 25 per cent relative to the same period of the calendar year or the previous calendar month	from 12 to 25 per cent relative to the same period of the calendar year or the previous calendar month	from 7 to 12 per cent relative to the same period of the calendar year or the previous calendar month	less than 7 per cent relative to the same period of the calendar year or the previous calendar month	

supply for
consumption
in the
internal
domestic
market of
Ukraine will
be reduced
by

3. Services provided by the gas supply sub-sector	in case of destruction, damage or malfunction of the critical infrastructure with facility, gas supply will be stopped	for more than 145,000 inhabitants or for continuous gas delivery in the territory of more than one region or in the territory of not less than three cities of regional significance	for more than 20,000 inhabitants in the territory of one region or in the territory of more than one district of the city—regional center, or in the entire territory of one city of regional significance	for more than 5,000 inhabitants	for less than 5,000 inhabitants
		operation restoration time in normal mode may not exceed 6 hours	operation restoration time in normal mode can range from 6 to 24 hours	operation restoration time in normal mode can range from one to three days	operation restoration time in normal mode can be more than three days
4. Services provided by the information sector	in case of destruction, damage or malfunction of the critical infrastructure with facility, provision of core services by the facility will be stopped or disrupted	for more than 145,000 inhabitants in the territory of more than one region or in the territory of not less than three cities of regional significance	for more than 20,000 inhabitants in the territory of one region or in the territory of more than one district of the city—regional center, or in the entire territory of one city of regional significance	for more than 2,000 inhabitants	for less than 2,000 inhabitants

significance

		operation restoration time in normal mode may not exceed 6 hours	operation restoration time in normal mode can range from 6 to 24 hours	operation restoration time in normal mode can range from one to three days	operation restoration time in normal mode can be more than three days
5. Services for thermal energy and hot water supply	in case of destruction, damage or malfunction of the critical infrastructure facility, thermal energy and/or hot water supply will be discontinued (during the heating season)	for more than 145,000 inhabitants or in the territory of more than one region or not less than three cities of regional significance	for more than 30,000 inhabitants or in the territory of more than one district of the city—regional center, or in the entire territory of one city of regional significance	for more than 2,000 inhabitants	for less than 2,000 inhabitants
		operation restoration time in normal mode may not exceed 24 hours	operation restoration time in normal mode can range from one to three days	operation restoration time in normal mode can range from three days	not applicable
6. Services for centralized water supply	in case of destruction, damage or malfunction of the critical infrastructure facility, centralized water supply will be stopped	for more than 145,000 inhabitants or in the territory of more than one region or not less than three cities of regional significance	for more than 30,000 inhabitants or inpatient health care facilities, social assistance homes, institutions providing educational services in the territory of the region of more than one district of the city - regional center, or in	for more than 2,000 inhabitants	for less than 2,000 inhabitants

			the entire territory of one city of regional significance		
		operation restoration time in normal mode may not exceed 24 hours (crisis situation time may not exceed 24 hours)	operation restoration time in normal mode can range from one to three days (crisis situation time can range from one to three days)	operation restoration time in normal mode can be from three days (crisis situation time can be more than three days)	not applicable
7. Services for centralized water sewerage	in case of destruction, damage or malfunction of the critical infrastructure facility, centralized water sewerage and sewage water treatment will be stopped	for more than 145,000 inhabitants or in the territory of the regional center, or not less than three cities of regional significance	for more than 30,000 inhabitants or in the territory of one urban district of the regional center, or in the entire territory of one city of regional significance	for more than 2,000 inhabitants	for less than 2,000 inhabitants
		operation restoration time in normal mode may not exceed 24 hours (crisis situation time may not exceed 24 hours)	operation restoration time in normal mode can range from one to three days (crisis situation time can range from one to three days)	operation restoration time in normal mode can be from three days (crisis situation time can range from one to three days)	not applicable
8. Services for household waste management	in case of destruction, damage or malfunction of the critical infrastructure	for more than 145,000 inhabitants or in the territory of the regional	for more than 30,000 inhabitants or in the territory of one urban	not applicable	not applicable

facility, collection, storing, safe treatment (disposal) of household waste will be discontinued	center, or not less than three cities of regional significance	district of the regional center, or in the entire territory of one city of regional significance
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|---|---|---|--|---|-------------------|
| 9. Services
provided by
the air
transport sub-
sector | destruction,
damage or
malfunction
of the critical
infrastructure
facility | the
consequence
is
impossibility
to provide
services for
passenger
and cargo
transportation
by air
transport by
at least one
strategically
important
airports of
Ukraine for
more than 24
hours without
a possibility
of arranging
an alternative
way of
provision of
services | the
consequence
is
impossibility
to provide
services for
passenger
and cargo
transportation
by air
transport by
at least one
strategically
important
airports of
Ukraine for
more than 24
hours, at the
same time
there is a
possibility of
arranging an
alternative
way of
provision of
services | the
consequence
is
stoppage
of air traffic
for the time
of normal
operation
mode
restoration | not
applicable |
|---|---|---|--|---|-------------------|
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|--|---|--|--|---|--|
| 10. Services
provided by
the motor
transport sub-
sector | destruction,
damage or
malfunction
of the critical
infrastructure
facility | the
consequence
is blocking
(stoppage) of
road traffic
on
international
and national
roads for
more than 24
hours and if
there is no
by-pass route
or there is no
possibility of
restoring it
for not more | the
consequence
is blocking
(stoppage) of
road traffic
on
international
and national
roads for
more than 24
hours and if
there is no
by-pass route
possibility of
restoring it
for not more | the
consequence
is blocking
(stoppage) of
road traffic
on regional
roads for not
more than 48
hours and if
there is no
by-pass route
possibility of
restoring it
for not more
than 48 hours | the
consequence
is blocking
(stoppage) of
road traffic
on regional
roads for not
more than 48
hours and if
there is no
by-pass route |
|--|---|--|--|---|--|

than 24 hours

11. Services provided by the railway transport sub-sector	destruction, damage or malfunction of the critical infrastructure facility	the consequence is stoppage of railway traffic for more than 24 hours on category I (I-II, I-IIIC) and II main railway lines (the railway line category is determined according to State Construction Standard B.2.3-19-2018)	the consequence is stoppage of railway traffic for more than 24 hours on main category III railway lines	the consequence is stoppage of railway traffic for more than 24 hours on main category IV railway lines	the consequence is stoppage of railway traffic for more than 24 hours on main category V railway lines
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12. Services provided by the marine and river transport sub-sector	destruction, damage or malfunction of the critical infrastructure facility	the consequence is stoppage of providing marine services in sea ports for more than 72 hours (Rules of rendering services in the sea ports of Ukraine , approved by the Order of the Ministry of Infrastructure No. 348 dated 5 June 2013)	the consequence is stoppage of providing marine services in sea ports from 24 to 72 hours	the consequence is stoppage of providing marine services in sea ports up to 24 hours	not applicable
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13. Services provided by the postal sub-sector	in case of destruction, damage or malfunction of the critical infrastructure facility, provision of postal	for more than 145,000 inhabitants in the territory of more than one region or more than three cities of regional	for more than 20,000 inhabitants in the territory of the region or more than one district of the city–regional	for more than 6,000 inhabitants	for less than 6,000 inhabitants
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	services will be stopped	significance	center, or in the entire territory of one city of regional significance		
14. Services provided by the financial sector	destruction, damage or malfunction of the critical infrastructure facility will result in failure to provide core services by the facility	for more than 100,000 customers	for more than 50,000 customers	for more than 10,000 customers	not applicable
15. Services provided by the food industry and agroindustrial complex sector, health care sector, industrial sector, sector of civil protection of population and territories	destruction, damage or malfunction of the critical infrastructure facility will result in failure to provide core services by the facility	for more than 145,000 inhabitants in the territory of more than one region or not less than three cities of regional significance	for more than 30,000 inhabitants in the territory of the region or more than one district of the city– regional center, or in the entire territory of one city of regional significance	for more than 6,000 inhabitants	for less than 6,000 inhabitants

Total $\sum PK_i$

**DETERMINATION OF LEVEL
of adverse effect in case of destruction, damage or malfunction of the critical
infrastructure facility (intersectoral criteria)**

Adverse effect	Adverse effect level: catastrophic consequences (4 points)	Adverse effect level: critical consequences (3 points)	Adverse effect level: significant consequences (2 points)	Adverse effect level: insignificant consequences (1 point)	Adverse effect level: minor (0 points)	CL Assessment
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I. Social significance of the critical infrastructure facility

1. Damage to life and health of people

Number of people who can be affected

danger for life or health for more than 75,000 people	danger for life and health for more than 5,000 people	danger for life or health for more than 50 people	danger for life or health for less than 50 people	not critical	CL ₁ =
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Geographical scale

danger for life and health of inhabitants in the territory of one or more than one region, or in the territory of three and more cities of regional significance	danger for life and health of inhabitants in the territory of one urban district of the city center, or in the entire territory of one city of regional significance	danger for life and health of people in the territory of the facility and for inhabitants residing in close proximity to the facility location	danger for life and health of people in the territory of the facility	not critical	CL ₂ =
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2. Environmental damage

Economic losses

damages inflicted for more than UAH 30 mln.	damages inflicted for more than UAH 18 mln.	damages inflicted for more than UAH 2 mln.	damages inflicted for less than UAH 2 mln.	not critical	CL ₃ =
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Geographical scale

adverse effect extends to the	adverse effect extends to the	adverse effect extends to the	adverse effect	not critical	CL ₄ =
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territory of more than one region or the territory of not less than three cities of regional significance	territory of one region or the territory of more than one city of regional significance	territory of one city of regional significance	extends to the territory of the infrastructure facility
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Time

adverse effect on environment and safe living conditions continues for more than one year	adverse effect on environment and safe living conditions continues from half a year to one year	adverse effect on environment and safe living conditions continues from one month to half a year	adverse effect on environment and safe living conditions continues for one month	not critical	CL ₅ =
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II. Public significance of the critical infrastructure facility

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|--|---|--|---|---|--------------|-------------------|
| 3. Termination or malfunction of state authorities | termination or malfunction of the Verkhovna Rada of Ukraine, the Cabinet of Ministers of Ukraine, the Constitutional Court of Ukraine, the Supreme Court, as well as the Presidential Office of Ukraine, the National Security and Defense Council of Ukraine | termination or malfunction of central executive authorities and regional state administrations | termination or malfunction of district state administrations, territorial bodies of central executive authorities | termination or malfunction of local government bodies | not critical | CL ₆ = |
| 4. Adverse effect on people's confidence in state institutions | will have significant effect | will have major effect | will have medium effect | will have insignificant effect | not critical | CL ₇ = |

5. Harm to interests of other states partners of Ukraine	thus, at least two countries or violation of terms of the international treaty concluded in the name of Ukraine	thus, at least one country or violation of terms of the international treaty concluded in the name of the Government of Ukraine	possible adverse consequences for other states, but it is unlikely that their effect will be significant	states will not be affected or there is no violation of terms of the international treaty concluded in the name of the ministry, another central executive authority, state authority	not critical	CL ₈ =
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III. Economic significance of the critical infrastructure facility

6. Infliction of damages to the infrastructure facility (in per cent of the forecasted annual income by all activities)	more than 15 per cent	from 10 to 15 per cent	from 5 to 10 per cent	less than 5 per cent	not critical	CL ₉ =
7. Infliction of damages to the state budget (reduction of the budget income in per cent of the forecasted annual budget income)	more than 0.1 per cent	from 0.1 to 0.05 per cent	from 0.05 to 0.01 per cent	less than 0.01 per cent	not critical	CL ₁₀ =
8. Infliction of damages to local budgets (reduction of the budget income in per cent of the forecasted annual budget income)	more than 0.1 per cent	from 0.1 to 0.05 per cent	from 0.05 to 0.01 per cent	less than 0.01 per cent	not critical	CL ₁₁ =

income)

IV. Interrelation between the critical infrastructure facilities

9. Adverse effect will have on continuous adverse effect and stable (if yes please functioning of specify) another infrastructure facility ensuring provision of the same core services will not have effect not critical $CL_{12} =$
10. Adverse effect will have on continuous adverse effect and stable (if yes please functioning of specify) another infrastructure facility providing the other core services will not have effect not critical $CL_{13} =$

V. Significance of the critical infrastructure facility for ensuring national security and defense capacity of the country

11. Termination or malfunction (non-achievement of established performance indicators) of control points (situation center) to be assessed by level (significance) of control point or situation center termination or malfunction of control points of the Supreme Commander-in-Chief of the Armed Forces, the Commander-in-Chief of the Armed Forces, the Head of the General Staff of the Armed Forces or the situation center of the Presidential Office of Ukraine, the Cabinet of termination or malfunction of control points or the situation center of executive authorities, control points of the Ground Forces, Air Force, Naval Forces, Air Assault Forces, Special Operations Forces, the National Guard, the State Border Guard Service territorial bodies of central executive authorities not critical $CL_{14} =$

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12. Reduction of indicators of the State

Reduction of volumes of products (works, services) within a given period of time (in per cent)

Defense Order

more than 15 per cent	from 10 to 15 per cent	from 5 to 10 per cent	less than 5 per cent	not critical	CL ₁₅ =
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Increase in time for manufacturing products (works, services) with a given volume (per cent of time specified for manufacturing products)

more than 40 per cent	from 10 to 40 per cent	from 5 to 10 per cent	less than 5 per cent	not critical	CL ₁₆ =
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Total $\sum PK_i$