Projects on energy efficiency improvement and CO2 emission reduction

No	Project name	Project development date	№ of expert report	Date of issue of expert report	The need to review the estimated cost	Implementati on period in accordance with the project documentati	Brief description of the work and justification of the need
1	Overhaul of the emergency section of heating networks (HN) -3 of district boiler house (DBH) "Vynogradar" from Heating Room 310/1 to Heating Room (HR) 310/10 on Pravda Avenue in Kyiv	2019	984/e/19	05.06.2019	Necessary	9 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
2	Reconstruction of HN №1 from DBH "Nyvky" on the section from HR 109/2 to HR109 / 2-6a on Salyutna street	2017	594/e/17	12.05.2017	Necessary	4 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
3	Reconstruction of HN № 1 Heating Station-1 from HR 120 to HR 120/3 and from HR 120/3 to HR 120/4 on Kurska street, in Solomyanskyi district of Kyiv	2019	00-0363-19/I3	27.06.2019	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
4	Reconstruction of HN-7, CHP-5 from 727/7A to 727/10A on Yamska street	2019	1626/e/19	05.07.2019	Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
5	Reconstruction of HN № 1, 5 Heating Station-2 from HR 145 to HR 148 on Borisoglebska street in Podilskyi district of Kyiv	2019	00-0369-19/I3	27.06.2019	Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
6	Reconstruction of HN № 1 ST - 1 from HR 112/2A to HR 602A on Railway Station Sq.	2019	№ 1589	27.06.2019	Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
7	Reconstruction of HN-8 from CHP-5 on the section from HR-813/14 to HR-813/16 on Suvorov street	2019	1762/e/19	05.08.2019	Necessary	4 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
8	Reconstruction of heating networks from Centre of Heat Supply on the Bykova str., to the houses on Zakrevskoho str., on Bykova Street, on Dankevych street	2019	3060/e/19	06.12.2019	Necessary	4 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
9	Reconstruction of HN № 1 Heating Station - 1 from HR 130/4 on Yerevanska str. to the Heating Point (HP) on Antonova str.,	2019	3061/e/19	06.12.2019	Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.

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10	Reconstruction of hot water boiler type ΠΤΒΜ-30M №2 DBH "Minska" with replacement of burners onto modern and low-toxic ones	2020	21/666-12/20/A	21.12.2020	Necessary	9 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
11	Reconstruction of the boiler house of the first stage of DBH "Tsentralna" to accommodate the personnel of the emergency and recovery service of SU "KHN" on Vernadsky Boulevard,	2020	1097-4241- 20/УЕГ/В	15.12.2020	Necessary	12 Months	Reduction of heat consumption during the heating period by 12.4%.
12	Reconstruction of the section of the HN-1 DBH "Vidradny" from HR 143 to HR 143/10A on Dashavska str.	2020	V-0335- 2/ПРОЕКСП	15.12.2020	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
13	Reconstruction of the premises on the second floor of the building onDobrokhotova str., to accommodate the staff of the laboratory for production control of the chemical service of SU"Kyiv Heat Networks"	2020	00-1163-20/КД	15.12.2020	Necessary	2 Months	Reduction of heat consumption during the heating period by 12.4%.
14	Reconstruction of deaerators of water treatment plant of atmospheric type on vacuum type	2020		20.12.2021	Necessary	6 Months	Reduction the use of water
15	Reconstruction of hot water boiler type ПТВМ-50 №1 DBH "Vynogradar" with replacement of burners onto modern and low-toxic	2021	16/0921-02/22	16,02,2022	Necessary	9 Months	Reduction of gas use for heat and hot water production
16	Reconstruction of water heating boiler type ∏TBM-50 №4 DBH "M. Borshchahivka" with replacement of burners onto modern and low-toxic	2021	16/0922-02/22	16.02.2022	Necessary	9 Months	Reduction of gas use for heat and hot water production
17	Reconstruction of hot water boiler type ПТВМ-50 №3 DBH"Vidradnyy" with replacement of burners onto modern and low-toxic	2021	16/1179-02/22	16.02.2022	Necessary	9 Months	Reduction of gas use for heat and hot water production
18	Reconstruction of hot water boiler type TΠ-170 (reconstructed) № 10 Heating Station-2	2020	31/738-12/20/A	31.12.2020	Necessary	9 Months	Reduction of gas use for heat and hot water production
19	Reconstruction of sections of heating networks HN-1 DBH "Vidradnyy" from HR 136 to HR 139 on Vadym Hetman str.	2020	V-0334- 2/ПРОЕКСП	15.12.2020	Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
20	Reconstruction of sections of the heating network HN-3 CHP-5 from HR 339 to HR 340 on Dilova str.	2020	2451/e/20	24.12.2020	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.

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21	Reconstruction of the section of the heating network HN-3 CHP-5 from HR 342 to HR 404 on Saksahanskoho str. (2nd stage)	2020	2450/e/20	24.12.2020	Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
22	Reconstruction of HN № 1 DBH "Molod" from HR 122 to HR 620A/25 on Manuilskoho str.	2017	595/e/17	30.05.2017	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
23	Reconstruction of HN № 3 CHP-5 on the site HR-337 - to N.O. between HR-339A and HR-340 on Barbussa Street (3 line)	2013	601/e/17	03.05.2017	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
24	Reconstruction of HN-3 CHP-5 from HR 339B/14a to TK339B/20 on Hospitalna str.	2012	609/e/17	05.05.2017	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
25	Reconstruction of HN-2 Heating Station-2 from HR 222/6 to Pump Station -14 and from HR 222/6 to HP on the street Kirillovskaya	2012	610/e/17	10.05.2017	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
26	Reconstruction of HN №1 (4) Heating Station-1 on the section from HR-120/9a to HR-120/16 on Povitroflotsky Avenue (stage 2)	2011	00-1701-14/I3	27.01.2015	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
27	Reconstruction of the heating network of the district boiler house "Bortnychi"	2013	606/e/17	03.05.2017	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
28	Reconstruction of heating networks from HP "Dniprovodska, 10" to HR-16 and to residential buildings on March 8 street with the reconstruction of HP "Dniprovodska, " (DBH"Dniprovodska")	2011	611/e/17	23.05.2017	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
29	Reconstruction of heating networks to residential buildings within the heat supply of Centre of Heat Supply at the addresses of Tymoshenko str., and on Obolonskyy avenue,	2016	00-1605-15/I3	15.02.2016	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
30	Reconstruction of HN №5 Heating Station -1 on the section from HR 516A to HP on Bulvarno-Kudryavska str. (Vorovskoho),	2016	04-0200/17	21.03.2017	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.

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31	Reconstruction of HN №1 DBH"Vidradnyy" from HR 143/11a to HR 143/18a and from HR 143/24 to HR 143/24-2a on Metalistiv Str.	2012	00-1700-14/I3	22.01.2015	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
32	Reconstruction of HN on the section from HR 501 DBH "Syrets" to HR-110 DBH "Syrets-2" (bridge)	2011	607/e/17	19.05.2017	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
33	Reconstruction of the main HN DBH Moskovska str., from the boiler room to HR-201, from HR-201 to HR-105, from HR-303 to HR-306	2011	00-2002-12/КД	30.07.2013	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
34	Reconstruction of HN DVH "Baggovutovska," from HR-102 to HR-107 and from HR-106 to on O. Schmidt str.	2011	00-2237-13/КД	13.03.2014	Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
35	Reconstruction of HN №1 (4) Heating Station-1 from HR 120/11-10B to TC 120/11-10B -5 on Smilyanska Street and from HR 120/18 to HR 120/18-8 on Vuzivska Str.	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
36	Reconstruction of NH-8 on the section from HR 807/2 to TC 807/4-B on L.Ukrainka Boulevard in Pecherskyi district of Kyiv	2011	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
37	Reconstruction of HN №6 Heating Station-1 from HR 508/5-4A to HR 508/5-3A on Peremohy Avenue	2011	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
38	Reconstruction of HN №1 (4) Heating Station-1 from HR 452 to HP of the building on Chokolivskyi Blvd., 10 and from HR 453 to HR 130/18 on Chokolivsky Blvd.	2011	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
39	Reconstruction of PT №4 Dniprovska CHP from HR-403 to HP on Novatoriv str.,	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
40	Reconstruction of HN №2 Heating Station-2 from HR 222/3 to Hr 222/6 on Terekhin str.	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.

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41	Reconstruction of HN №8 CHP-5 in the area from HR 813-БH on Kutuzova str.,	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
42	Reconstruction of HN №3 Heating Station-1 from HR 306/1 to HR 306/1-2 on Saksahanskoho str. and from HR 306/8 to HP on the Zhylyanska str.,	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
43	Reconstruction of THN №2 DBH "Nyvky" from HR 214 to HR 218 and from HR 216 to HR 216/1 on Blukhera str.	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
44	Reconstruction of HN-2 from Heating Station-1 from HR-221 on Franka Street to HR-221/5 on Leontovycha Street and from HR-221/5-1 to HR-208/11 on Shevchenka Blvd., Volodymyrska St.	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
45	Reconstruction of HN DBH "Vitryani Hort" from HP "Zapadinska, on Zapadinska Street, from HP "Chervonopilska,"	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
46	Reconstruction of HN DBH "Holosievo" on Heroyiv Oborony Street from HR-205 to HR-206/2	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
47	Reconstruction of HN DBH"Nauky," with increasing diameter from the boiler room to HR-215, and on Nauky Avenue	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
48	Reconstruction of HN DBH "Tsentralna" from HP "Dobrokhotova," to the residential buildings on Dobrokhotova str. and to the residential building on Irpinska Str.	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
49	Reconstruction of HN DBH "Naberezhno-Korchuvatska, " from HR-105 to HR-205, from HR-301 to HR-201	2012	Unavailable		Necessary	5 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
50	Reconstruction of HN DBH "Naberezhno-Korchuvatska," from HR-301 to HR-305	2012	Unavailable		Necessary	4 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.

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51	Reconstruction of HN DBH "Minske shose" from HR-122-1/1 to on Vyshgorodska str., from HR-122-1/4 to residential buildind on Vyshgorodska str.	2012	Unavailable		Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
52	Reconstruction of HN DBH "Moskovska, 3" from HR-303 to HR "Demievska, "	2012	Unavailable		Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
53	Reconstruction of HN DBH "Tsentralna" from HR-508 to HP "Naumova, " and from HP "Naumova"	2012	Unavailable		Necessary	3 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
54	Connection to DBH "Moskovska, " consumers of roof boilers Trutenko Onufriya, and Trutenko Onufriya, Kyiv	2020	№28/120- 12/20/A	20.12.2020	Necessary	6 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
55	Connection to the heating network HN-1 DBH "Molod" consumers of boiler houses on Manuilskoho str., and the boiler house on Belorusska str., Kyiv	2020	№28/121- 12/20/A	20.12.2020	Necessary	6 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
56	Connection of boiler-house consumers to the heating networks of the Bilychi heat supply station: Odpochynka, Sviatoshynska, Kotelnikova, Kramskoho to "Kramskoho", to HR "Verkhovyna".	2020	№28/119- 12/20/A	28.12.2020	Necessary	6 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
57	Reconnection of consumers of the boiler room on Chistyakivska str., at the Verkon boiler house, Kyiv	2020		№2463/e/20	Necessary	7 Months	Replacement of pipelines. Reduction of heat loss and water loss, which in turn will save gas.
58	Overhaul of the facade and roof of the building of SU "AUTOTRANSPORT" at the address: Sviatoslava Khorobroho str. (Narodnoho Opolchennya)	2021	№0009-4301- 21/УЕГ/А	26.03.2021	Necessary	2 Months	Reduction of heat consumption during the heating period by 12.4%.
59	Technical re-equipment of the EΓM-96A boiler of Heating Station №1 with replacement of burner equipment to reduce CHP-5 emissions	2019	№25985	26.12.2019	Necessary	24 Months	Emission reductions and gas savings
60	Reconstruction of 330 kV GRP at CHP-6 with installation of AT-3 with a capacity of 200 MVA	2017	№00-0182- 18/I3 (00-1115-17/I3)	05.03.2018	Necessary	23 Months	Reliability of electricity supply to consumers in Kyiv

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61	Reconstruction of the automatic control system for the T-250 / 300-240 turbine unit №1, including the autonomous control system of the boiler and turbine кщщь of CHP-6	2021	801/KE/2021	23.12.2021	Necessary	8,4 Months	Reliability of electricity supply to consumers in Kyiv
62	Reconstruction of the automatic control system for the T-250 / 300-240 turbine unit №2 including the autonomous control system of the boiler and turbine кщщь of CHP-6	2021	802/KE/2021	24.12.2021	Necessary	8,3 Months	Reliability of electricity supply to consumers in Kyiv
63	Reconstruction of the open switchgear 110 kV CHP-5 with the construction of a complete switchgear installation for 110 kV at the address: Kyiv, Industrialna str.,	2014	00-0269-14/I3	08.08.2014	Necessary	24 Months	Reliability of electricity supply to consumers in Kyiv
64	Construction of the main primary Telecommunication Network (MPN) of KYIVTEPLOENERGO	2019	№191023-1/B	29.10.2019	Necessary	24 Months	Reliability of communication
65	Construction of digital departmental radio communication system of ME "KYIVTEPLOENERGO"	2019	№ 01-0678-19- КД	08.11.2019	Necessary	24 Months	Reliability of communication
66	Technical re-equipment of SU "Energiya Insinerator" on Kolektoriv str., in Darnytskyi district of Kyiv in terms of flue gas cleaning system	2021	01-0384-21/ЦБ	19.11.2021	Vos	12 Months	
67	Technical re-equipment of SU "Energiya Incinerator" on Kolektoriv str, in Darnytskyi district of Kyiv in terms of flue gas cleaning system (Additional works)	2021	01-0384-21/ЦБ	19.11.2021	yes	12 Months	