Appendix 1

to RusHydro Business Plan for 2024-2028

RusHydro Investment Program

The List of Investment Projects for the Period of Investment Program Implementation and a Plan for their Financing for 2024-2028

No.	Facility	Project implementation stage[1]	Designed capacity/length networks		Year of project implementation start	Year of project implementation completion	Total construction cost, mln RUB[2]	Capacity commissioning plan						Financing plan [2], mln RUB					
								2024	2025	2026	2027	2028	total 2024-2028	2024	2025	2026	2027	2028	total 2024-2028
1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21
1	Retrofitting and reconstruction		**MW**					12,00	28,50	89,20	54,10	41,70	**225,50**	34 518,58	30 491,44	30 510,17	30 758,44	25 618,63	**151 897,26**
2.	New construction		**MW**	**2 100,0**			**567 331,68**	0,00	450,00	800,00	730,00	0,00	**1 980,00**	86 493,20	119 619,41	132 418,17	71 513,61	22 180,50	**432 224,88**
			Gcal/h	**2 582,00**				0,00	0,00	552,00	1 840,00	0,00	**2 392,00**						
2.1.	Projects approved by Directives No. 2101-r of 30.09.2018, No. 1604-r of 19.06.2023		**MW**	**2 100,0**			**567 331,68**	0,00	450,00	800,00	730,00	0,00	**1 980,00**	86 493,20	119 619,41	132 418,17	71 513,61	22 180,50	**432 224,88**
			Gcal/h	**2 582,0**				0,00	0,00	552,00	1 840,00	0,00	**2 392,00**						
2.1.1	Upgrading of the energy production and technological complex of Vladivostokskaya CHPP-2, with the replacement of turbine units, st. Nos. 1, 2, 3 and the installation of 3 boiler units, 540 t/h each	C	MW	360,0	2019	2028	79 563,12	0,00	0,00	0,00	240,00	0,00	**240,00**	11 440,62	11 560,78	16 400,23	11 725,16	4 683,01	**55 809,80**
			Gcal/h	570,0				0,00	0,00	0,00	380,00	0,00	**380,00**						
2.1.2	Construction of Artyomovskaya CHPP-2 with off-site infrastructure[3]	C	MW	440,0	2020	2027	73 179,88	0,00	0,00	440,00	0,00	0,00	**440,00**	8 161,39	18 498,95	9 961,98	3 498,65	0,00	**40 120,97**
			Gcal/h	452,0				0,00	0,00	452,00	0,00	0,00	**452,00**						
2.1.3	Construction of Khabarovskaya CHPP-4 with off-site infrastructure [3]	C	MW	410,0	2019	2028	86 856,76	0,00	0,00	0,00	410,00	0,00	**410,00**	13 931,15	11 101,90	12 270,25	13 436,71	9 903,98	**60 644,00**
			Gcal/h	1 360,0				0,00	0,00	0,00	1 360,00	0,00	**1 360,00**						
2.1.4	Construction of Yakutskaya SDPP-2 (2nd stage) [3]	C	MW	160	2019	2028	57 487,48	0,00	0,00	80,00	80,00	0,00	**160,00**	9 711,24	5 307,53	11 503,64	13 678,35	7 593,51	**47 794,26**
			Gcal/h	200				0,00	0,00	100,00	100,00	0,00	**200,00**						
2.1.5	Extension of Partizanskaya SDPP	C	MW	280,0	2021	2027	97 840,10	0,00	0,00	280,00	0,00	0,00	**280,00**	13 058,41	25 373,72	27 624,03	11 437,21	0,00	**77 493,37**
2.1.6	Neryungrinskaya SDPP 2nd stage construction	C	MW	450,0	2021	2027	172 404,33	0,00	450,00	0,00	0,00	0,00	**450,00**	30 190,38	47 776,53	54 658,04	17 737,52	0,00	**150 362,47**
	TOTAL Investment Program RusHydro		**MW**					12,00	478,50	889,20	784,10	41,70	**2 205,50**	**121 011,78**	**150 110,84**	**162 928,34**	**102 272,04**	**47 799,13**	**584 122,14**
			Gcal/h					0,00	0,00	552,00	1 840,00	0,00	**2 392,00**						

[1] C - construction

[2] In forecast prices of the corresponding years, mln RUB, VAT included.

[3] The parameters of the project will be specified based on the results of development of design documentation, obtaining a positive opinion from the state expertise on the reliability of determining the estimated cost of construction, reconstruction of a capital construction facility