

0	1	INDICATORS	Date for finishing the investment	Value			
				Investment program approved 2017 DGOMS 1/29.03.2017	Investment program 2018	Proposal 2019	Proposal 2020
				4	5	6	7
I		INVESTORS FINANCING SOURCES, of which:		501.023	515,258	642.308	661.557
		1 Own sources, of which:		501.023	515,2584	642.308	661.557
		a) – write-off		494.215	500.800	511.818	522.054
		b) – profit		6.808	14,458	130.491	139.503
		2 Budget allowances		-	-	-	-
		3 Bank loans, of which:		-	-	-	-
		a) – internal		-	-	-	-
		b) - external		-	-	-	-
		4 Other sources, of which:		-	-	-	-
		- Stock exchange listing		-	-	-	-
		- Reported write-off		-	-	-	-
		- SNN own sources		-	-	-	-
II		INVESTMENTS COSTS, of which:		440.718	461.997	554.159	521.582
		A Ongoing investments, of which:		119.255	96.000	242.557	226.709
		a) for private property assets of the economic operator:		119.255	96.000	242.557	226.709
		1 SNN Headquarters		11.020	21.439	89.042	68.150
		1.1 Cernavoda NPP (U3-U5)		8.920	9.100	-	-
		- Initial contribution to the share capital of JVCo	2018	8.920	9.100	-	-
		1.2 Capitalization of costs for the financial and legal advice costs U3&U	2018	-	1.966	-	-
		1.3 Extension of the lifespan of Unit 1 by retooling the reactor and refurbishing the main system(studies)	2021	-	10.373	89.042	68.150
		1.4 Other investment costs		2.100	-	-	-
		- consolidation of Magheru	2017	2.100	-	-	-
		2 Cernavoda NPP Branch (U1+U2)		107.935	74.436	153.255	158.559
		2.1 Improving the live-steam system of U1 by replacing the valves for steam discharge in the atmosphere (ASDV) with a different type of valves -MPA -581	2017	-	-	-	-
		2.2 Installing a spare extractor on the steam system for sealing the turbine labyrinths for U1 and U2	2017	150	-	-	-
		2.3 Installation of access gates in the area of water input/pre-heater room	2017	4.070	-	-	-
		2.4 Intermediate burnt fuel farm (including SICA U#2	2047	23.743	14.177	15.151	23.000
		2.5 Development of the infrastructure of computer network in the technological buildings U1+U2	2019	1	-	2.213	-
		2.6 Update and extension of Physical protection system	2020	16.150	16.600	52.397	31.500
		2.7 Installation of the clastic system D2O (U1+U2)	2024	-	-	-	66.714
		2.8 Alternative emergency control center U1+U2	2020	1.087	1.000	4.700	4.676
		2.9 Extension of the lifespan of Unit 1 by retooling the reactor and refurbishing the main systems(studies)	2021	4.000	-	-	-

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	2.10	Increasing safety in the operation of power evacuation from Cernavoda NPP, by refurbishing the power evacuation transformers and providing a spare trafo for two units	2021	8.284	4.644	6.652	9.653
	2.11	Establishing the support center for simulation intervention	2017	77	-	-	-
	2.12	Improving the Cernavoda NPP response, respectively for the nuclear security functions in case of events outside of de design platforms following the nuclear accident occurred at the nuclear Fukushima 1 plant, Japan	2020	41.079	26.241	53.943	12.181
	2.13	Refurbishing the ball cleaning system of the U1 condenser (BSI 42130)	2017	-	-	-	-
	2.14	Establishing the land property of NPP and relocation of buildings for the best operation of Seiru Storages on the Cernavoda NPP area	2019	3.211	4.625	1.860	-
	2.15	Acquisition of lands/ buildings and rehabilitation/ update/extension works	2021	10	1	250	250
	2.16	Costs for drafting pre-feasibility, feasibility and other studies for the investment objectives	2021	2.499	6.629	11.395	10.585
	2.17	Fitting transformers 1-5144-T03/T04 and 1-5134-T05/T06 with explosion and fire prevention systems	2017	367	-	-	-
	2.18	Refurbishing the DCC emulator from the Full scope simulator system	2017	2.285	-	-	-
	2.19	Replacing the control part of the 2-41220-PL 1615 excitation system from U2 due to multiple reliability issues	2019	-	-	4.695	-
	2.20	Installing stainless steel bases, for storing chimneys with burnt fuel, in the Burnt Fuel storage Basins from Units 1 and 2 (S1-126 and S2-126), with the purpose of extending their storage capacity	2018	-	176	-	-
	2.21	Installing on line measuring systems of the gas concentration dissolved in the electro-insulator oil of power transformers of 5144-T03/T04, 5134-T05/T06 from U1 and U2 and 0-5134-T1/T2 and 0-5135-TC01/TC02 from U0	2018	922	344	-	-
	3	Branch FCN Pitesti		300	125	260	-
	3.1	Integrated computer system for nuclear fuel production management (SIMP)	2019	300	125	260	-
		b) for public field assets of the state or administrative unit					
		- (objective name)					
		- (objective name)					
		-					
		c) for private field assets of the state or administrative unit					
		- (objective name)					
		- (objective name)					
		-					

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0	1	2	3	4	7	8	9
		d) for leased assets, rented or on inventory, exclusively those from the public or private state or administrative unit field					
		- (objective name)					
		- (objective name)					
		-					
		B New investments of which:		19.828	37.358	57.492	38.225
		a) for private property assets of the economic operator:		19.828	37.358	57.492	38.225
		1 Branch Cernavoda NPP		14.110	31.272	52.022	32.613
		Rehabilitation and establishment of roads, platforms and underground pipes (includes also decommissioning of interior CF, of the black oil discharge platform and ABA basin. Establishment of land and discharge of CLU from auto carloads)	2020	1	1.000	4.401	4.048
		1.2 Software program for integrated plant management	2018	-	8.000	8.000	2.000
		1.3 Improving pumps of the ground water system I-1531-P01, P02, P03, P05, P06, P07	2019	1	59	1.250	-
		1.4 Equipment for extracting horizontal and vertical flow extractors type HESIR	2018	-	3.038	-	-
		1.5 Introduction on the aspiration tubes of the ventilation system of the reactor U1 buildings, before I-7312-ACU1, a des-humidification air unit with absorbing wheel	2020	1	270	1.350	1.375
		1.6 Software and hardware refurbishment of the full scope simulator	2020	10	854	2.917	3.953
		1.7 Extending the coverage area of the air tritium U1/U2	2020	89	1	859	858
		1.8 Rare gas GEM Spectrometer for monitoring gas emissions from U#2, according to CNCAN requirements	2019	113	113	1.238	-
		1.9 Rehabilitation and update of equipment for Fire water pumping Station - SPAI	2019	440	1.290	3.844	-
		1.10 Update of the compressed air system from U1 by replacing the instrumental air compressors, for service and breathing by new generation compressors	2027	1	-	-	-
		1.11 Refurbishment of the fire detection systems installed in NSP-U1 and Pavilion 2	2020	225	225	1.125	135
		1.12 Replacing the ventilation and climate system for Pavilion 2	2019	473	473	3.919	-
		1.13 Replacing the ventilation and climate system for Pavilion 6 (SF)	2017	101	-	-	-
		1.14 Rehabilitation of the water treatment station (S.T.A.) U1+U2, step II	2021	1	713	2.102	300
		1.15 Implementing an event registration system for the electrical systems of Unit 1	2020	65	-	-	689
		1.16 Improving the reliability of the Diesel generating groups SDG U	2020	1	1	6.075	674
		1.17 Increasing the reliability of the EVA 8000 storage system ensuring centered storage for the production data of the computer system from Cernavoda NPP by replacing it	2019	1	11.280	7.520	-

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	1.18	Replacing the control part of the 2-41220-PL 1615 excitation system from U2 due to multiple reliability issues	2019	11.738	-	-	-
	1.19	Installing stainless still bases, for storing chimneys with burnt fuel, in the Burnt Fuel storage Basins from Units 1 and 2 (S1-126 si S2-126), with the purpose of extending the storage capacity	2018	760	-	-	-
	1.20	Refurbishing the GFP U1 and GFP U2 systems. Replacing GFP U1 and U2 computers and spectrometers for being obsolete and for improving the reliability	2019	90	765	473	-
	1.21	Increasing the reliability of the II 220Vca distribution system, for U2 by replacing the 2-5542-VR1A/1B/1C tension stabilizers	2019	-	81	1.665	-
	1.22	Installing air filtering unit on the fresh air aspiration line of the air conditioning units 1-7342-ACU3/ACU4 for CCP U1.	2020	-	1	676	8.009
	1.23	Rehabilitation of cellular components storage - Quadricell from DIDSR	2018	-	341	-	-
	1.24	Increasing the reliability of SDS#1 by changing the ROPT SDS#1 U1 amplifier and the EMI Tusonix filters from NIM-BIN cases, with new amplifiers and EMI filters, similar to the project ROP SDS#1 U2	2018	-	2.765	-	-
	1.25	Mounting additional panels 1/2-55610-BUYA/ BUYB/ BUYC for investigating grounding	2019	-	1	97	-
	1.26	Insuring the supply for important users from U0 from own sources for increasing exploitation safety in case of losing from SEN	2019	-	1	2.713	-
	1.27	Increasing the production capacity for primary thermal agent, according to local community requests from Cernavoda, by making a at U2 a similar thermal point with PTU1	2020	-	1	1.800	10.574
		2 FCN Pitesti Branch		366	171	930	1.092
	2.1	Implementing computer applications completing the ERP system existent in FCN (Acquisitions, Budgets, Contracts)	2019	200	120	800	-
	2.2	Thermal agent supply and a.c.m of FCN Pitesti (Feasibility study, Technical project and specifications, performance)	2020	166	36	130	1.092
	2.3	Smoke evacuation system for hall IV. Feasibility study	2018	-	15	-	-
		3 SNN Central Office		5.352	5.915	4.540	4.520
	3.1	Updating the integrating the information flow at the SN level	2020	-	-	4.540	4.520
	3.2	ELINI capitalization	2018	5.352	5.915	-	-
		b) for public field assets of the state or administrative unit					
		- (objective name)					
		- (objective name)					
		-					
		c) for private field assets of the state or administrative unit					
		- (objective name)					
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		-					
		d) for leased assets, rented or on inventory, exclusively those from the public or private state or administrative unit field					
		- (objective name)					
		- (objective name)					
		-					
		C Investments made with fixed assets (updates), of which:		7.566	57.174	3.436	3.179
		a) for private property assets of the economic operator:		7.566	57.174	3.436	3.179
		1 Cernavoda NPP Branch		1.925	50.103	1.475	1.626
		Refurbishment of cranes from the clean room and mounting an elevating installation in the welding school building Cernavoda NPP	2020	223	318	575	457
		1.2 Refurbishment of meteorological tower Unit 1	2018	1	371	-	-
		1.3 Replacing the interference human-machine for 2-52300-DG1/DG2	2020	1	1	900	1.169
		1.4 Preservation works for Units 3 and 4 of Cernavoda NPP	2017	1.700	-	-	-
		1.5 Overhaul of (R/K) compressors	2018	-	691	-	-
		1.6 Overhaul of (R/K) electrical pump	2018	-	1.100	-	-
		1.7 Overhaul of (R/K) pump	2018	-	2.530	-	-
		1.8 Re-reeling of rotor fixed coil 4323	2018	-	235	-	-
		1.9 Inspections and works for Turbo-generator OP U1	2018	-	15.000	-	-
		1.10 Preventive maintenance and change implementation SDG U2&U	2018	-	3.658	-	-
		1.11 Dredging works for the Danube – Black Sea Channel	2018	-	3.108	-	-
		1.12 Inspections at 3 GA OP U1	2018	-	10.909	-	-
		1.13 Inspections at Grounded pipes	2018	-	1.281	-	-
		1.14 Inspections at Snubberi OP U1	2018	-	1.110	-	-
		1.15 Inspections at feeders OP U1	2018	-	4.220	-	-
		1.16 Inspections at ECT HX OP U1	2018	-	1.798	-	-
		1.17 Thermo-insulation works for Bl. A1	2018	-	660	-	-
		1.18 Drinking water distribution installation from FJ3 for Accommodation	2018	-	265	-	-
		1.19 Rebuilding the tennis court from Accommodation Complex	2018	-	346	-	-
		1.20 District heating between F39 and F45 connection PT 18	2018	-	2.500	-	-
		2 FCN Pitesti Branch		5.641	6.651	1.961	1.553
		2.1 Update of the manufacturing line for fuel bundles for optimizing the manufacturing flow and for improving the finished product quality	2018	728	5	545	-
		2.2 Updating the communication infrastructure, establishing the data center according to Standard TIA942-1 and implementing measures for reducing the risk of information security	2020	900	2.170	1.416	1.553
		2.3 Overhaul of Feintool GKP-F 25/40 press	2017	951	-	-	-
		2.4 Overhaul of sintering oven HARPER II	2017	501	-	-	-
		2.5 Hydro-insulation works for the buildings FCN: hall V, hall IV, Administrative Pavilion	2018	680	460	-	-

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		Update of working areas and canal locks, cafeteria and Economic Department offices – design and technical assistance, performance and facility	2018	175	373	-	-
		2.7 Overhaul for rotating press R53	2018	935	1.840	-	-
		2.8 Overhaul of Rolcompactor I	2018	371	371	-	-
		2.9 Update of ventilation installation for physical-chemical laboratory	2018	400	450	-	-
		2.10 Redoing the de-mineralized water distribution	2017	-	-	-	-
		2.11 Overhaul of Schaublin machine	2018	-	29	-	-
		2.12 Overhaul of tube machine	2018	-	300	-	-
		2.13 Overhaul of of beveling and burring machine	2018	-	419	-	-
		2.14 Redoing the system for Beryllium water collection	2018	-	41	-	-
		2.15 Redoing drinkable/industrial water route for FCN (partial)	2018	-	70	-	-
		2.16 Redoing cable route and alarm system for MEG-ur	2018	-	23	-	-
		2.17 Updating the measuring machine in 3 coordinates, DEA	2018	-	28	-	-
		Design and performance of interior illumination system LED for					
		2.18 General Merchandise Storage	2018	-	55	-	-
		2.19 Anti-fire system for the ventilation installation for hall IV (upgrade of project „Ventilation and climate for hall IV and annexes“ and anti-fire system)	2018	-	18	-	-
		SNN Executive		-	420	-	-
	1	Thermal rehabilitation of external façade	2018	-	420	-	-
		b) for public field assets of the state or administrative units					
		- (objective name)					
		- (objective name)					
		c) for private field assets of the state or administrative units					
		- (objective name)					
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		d) for leased assets, rented or on inventory, exclusively those from the public or private state or administrative unit field					
		- (objective name)					
		- (objective name)					
		D Facilities (other acquisitions of corporate assets)		84.944	54.336	34.769	38.785
		Cernavoda NPP Branch		72.789	47.415	25.000	25.000
		FCN Pitesti Branch		10.300	3.698	9.769	13.785
		SNN Central Office		1.855	3.223	-	-
		E Reimbursement of installments of credits for investments, of which:		209.124	217.130	215.906	214.683
		a) - internal		-	-	-	-
		b)- external		209.124	217.130	215.906	214.683

CEO
COSMIN GHITA

FINANCLA MANAGER
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