V. EDUCATION PROCESS PLAN

Code in accordance with the EPP	Name of academic discipline	Semester distribution			Number of ECTS credits	Number of hours						Distribution of classroom hours per a week and ECTS credits per a semester																Department
							Classroom				Independent work	I course				II course				III course				IV course				
								including				Semesters																
												1		2		3		4		5		6		7		8		
												Number of weeks in the semester																
												20		20		20		20		20		20		20		20		
		Exams	Tests	Individual tasks		Total amount	Total	Lectures	Laboratory works	Practical studies		Classroom hours	ECTS credits	Classroom hours	ECTS credits	Classroom hours	ECTS credits	Classroom hours	ECTS credits	Classroom hours	ECTS credits	Classroom hours	ECTS credits	Classroom hours	ECTS credits	Classroom hours	ECTS credits	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	**Obligatory educational components**				**136,0**	**4080,0**	**1796,0**	**688,0**	**240,0**	**868,0**	**2284,0**	**28,0**	**30,0**	**20,0**	**21,0**	**24,0**	**26,0**	**22,0**	**24,0**	**9,0**	**11,0**	**4,0**	**5,0**	**4,0**	**5,0**	**2,0**	**14,0**	
1.1	**General training**				76,0	2280,0	1124,0	352,0	112,0	660,0	1156,0	24,0	26,0	16,0	17,0	14,0	15,0	9,0	10,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	
GT 1	**Foreign language**		3,4, 7,8		8,0	240,0	116,0			116,0	124,0					2,0	2,0	2,0	2,0					2,0	2,0	2,0	2,0	**275**
GT 2	**History and Culture of Ukraine**	1		R	4,0	120,0	64,0	32,0		32,0	56,0	4,0	4,0															**310**
GT 3	**The language of vocational training**	2	1	R	11,0	330,0	144,0			144,0	186,0	5,0	7,0	4,0	4,0													**275**
GT 4	**Ukrainian as a foreign language**	6	3,4.5	R	8,0	240,0	128,0			128,0	112,0					2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0					**273**
GT 5	**Ecology**		2	R	3,0	90,0	32,0	16,0	16,0		58,0			2,0	3,0													**144**
GT 6	**Jurisprudence**		3	R	3,0	90,0	32,0	16,0		16,0	58,0					2,0	3,0											**306**
GT 7	**Philosophy**	4		R	3,0	90,0	32,0	16,0		16,0	58,0							2,0	3,0									**307**
GT 8	**Chemistry**	1		C	4,0	120,0	64,0	32,0	32,0		56,0	4,0	4,0															**192**
GT 9	**Higher Mathematics p.1**	1		C	6,0	180,0	96,0	48,0		48,0	84,0	6,0	6,0															**170**
GT 10	**Higher Mathematics p.2**	2		C	6,0	180,0	96,0	48,0		48,0	84,0			6,0	6,0													**170**
GT 11	**Higher Mathematics p.3**	3		C	4,0	120,0	64,0	32,0		32,0	56,0					4,0	4,0											**170**
GT 12	**Higher Mathematics p.4**	4		C	3,0	90,0	48,0	16,0		32,0	42,0							3,0	3,0									**170**
GT 13	**Physics p.1**	1		C	5,0	150,0	80,0	32,0	32,0	16,0	70,0	5,0	5,0															**168**
GT 14	**Physics p.2**	2		C	4,0	120,0	64,0	32,0	16,0	16,0	56,0			4,0	4,0													**168**
GT 15	**Physics p.3**	3		C	4,0	120,0	64,0	32,0	16,0	16,0	56,0					4,0	4,0											**168**
GT																												
1.2	**Professional training**				**60,0**	**1800,0**	**672,0**	**336,0**	**128,0**	**208,0**	**1128,0**	**4,0**	**4,0**	**4,0**	**4,0**	**10,0**	**11,0**	**13,0**	**14,0**	**7,0**	**9,0**	**2,0**	**3,0**	**2,0**	**3,0**		**12,0**	
PT 1	**Descriptive Geometry, Engineering and Cumputer Graphics**	1		CG	4,0	120,0	64,0	16,0		48,0	56,0	4,0	4,0															**163**
PT 2	**Electrotechnical Materials**	2		R	4,0	120,0	64,0	32,0	32,0		56,0			4,0	4,0													**133**
PT 3	**Fundamentals of Metrology and Electrical Measurements**	3		C	5,0	150,0	64,0	32,0	32,0		86,0					4,0	5,0											**357**
PT 4	**Theoretical Foundations of Electrical Engineering p.1**	3		C	6,0	180,0	96,0	48,0	16,0	32,0	84,0					6,0	6,0											**137**
PT 5	**Theoretical Foundations of Electrical Engineering p.2**	4		C	5,0	150,0	80,0	32,0	16,0	32,0	70,0							5,0	5,0									**137**
PT 6	**Fundamentals of Electronics**	4		C	5,0	150,0	64,0	48,0	16,0		86,0							4,0	5,0									**128**
PT 7	**Technical Mechanics**		4	CG	4,0	120,0	64,0	32,0		32,0	56,0							4,0	4,0									**148**
PT 8	**History of Science and Technology**		5	R	3,0	90,0	32,0	16,0		16,0	58,0									2,0	3,0							**310**
PT 9	**Electric Machines**	5		C	6,0	180,0	80,0	48,0	16,0	16,0	100,0									5,0	6,0							**126**
PT 10	**Fundamentals of Professional and Personal Safety**	6		R	3,0	90,0	32,0	16,0		16,0	58,0											2,0	3,0					**144**
PT 11	**Company Economics**		7	C	3,0	90,0	32,0	16,0		16,0	58,0													2,0	3,0			**202**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
PT	**Practice***		8		6,0	180,0					180,0																6,0	**120**
	Attestation*				6,0	180,0					180,0																6,0	**120**
2	**Optional educational components**				**104,0**	**3120,0**	**1432,0**	**360,0**	**106,0**	**246,0**	**1688,0**			**8,0**	**9,0**	**4,0**	**4,0**	**6,0**	**6,0**	**17,0**	**19,0**	**22,0**	**25,0**	**20,0**	**25,0**	**20,0**	**16,0**	
2.1	**Profile training**				50,0	1500,0	712,0	360,0	106,0	246,0	788,0			8,0	9,0					5,0	5,0	11,0	11,0	8,0	9,0	20,0	16,0	
2.1.1	**Profiled discipline package 01 "Electric Power Stations"**				**50,0**	**1500,0**	**712,0**	**360,0**	**106,0**	**246,0**	**788,0**			**8,0**	**9,0**					**5,0**	**5,0**	**11,0**	**11,0**	**8,0**	**9,0**	**20,0**	**16,0**	
OP 1.1	**Introduction to Speciality**		2	R	3,0	90,0	32,0			32,0	58,0			2,0	3,0													**130**
OP 1.2	**Fundamentals of information technology in electric power industry**	2		CW	6,0	180,0	96,0	32,0	32,0	32,0	84,0			6,0	6,0													**130**
OP 1.3	**Mathematical Problems Of Power Engineering**	5		C	5,0	150,0	80,0	48,0		32,0	70,0									5,0	5,0							**130**
OP 1.4	**Electrical Part Of Stations And Substations p.1**	6		C	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**130**
OP 1.5	**Electromagnetic Transient Processes**	6		CW	6,0	180,0	96,0	48,0	16,0	32,0	84,0											6,0	6,0					**130**
OP 1.6	**Electromechanical transient processes**	7		C	4,0	120,0	64,0	32,0	16,0	16,0	56,0													4,0	4,0			**130**
OP 1.7	**Electrical Part Of Stations And Substations p.2**	7		CP	5,0	150,0	64,0	32,0	16,0	16,0	86,0													4,0	5,0			**130**
OP 1.8	**Electrical Part Of Stations And Substations p.3**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**130**
OP 1.9	**Power Supply Systems**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**130**
OP 1.10	**Automatization of Electric Power Stations**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**130**
OP 1.11	**Operation and Operating Modes of Electric Equipment of Electric Power Stations**		8	R	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**130**
OP 1.20																												
2.1.2	**Profiled discipline package 02 "Electrical systems and networks"**				**50,0**	**1500,0**	**728,0**	**360,0**	**132,0**	**236,0**	**772,0**			**8,0**	**9,0**			**5,0**	**5,0**	**6,0**	**6,0**	**10,0**	**10,0**	**4,0**	**4,0**	**20,0**	**16,0**	
OP 2.1	**Introduction to Specialty**		2	R	3,0	90,0	32,0			32,0	58,0			2,0	3,0													**131**
OP 2.2	**Fundamentals of information technology in electric power systems**	2		CW	6,0	180,0	96,0	32,0	32,0	32,0	84,0			6,0	6,0													**131**
OP 2.3	**Electrical Distribution Networks**	4		CW	5,0	150,0	80,0	32,0	16,0	32,0	70,0							5,0	5,0									**131**
OP 2.4	**Electrical Systems and Networks p.1**	5		CP	6,0	180,0	96,0	48,0	16,0	32,0	84,0									6,0	6,0							**131**
OP 2.5	**Electromagnetic Transient Processes**	6		CW	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**131**
OP 2.6	**Electrical Systems and Networks p.2**	6		C	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**131**
OP 2.7	**Backbone Networks and their Modes**	7		CP	4,0	120,0	64,0	32,0	16,0	16,0	56,0													4,0	4,0			**131**
OP 2.8	**Mode Optimization of Eectric Power Systems**	8		C	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**131**
OP 2.9	**Electrical installation grounding devices**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**131**
OP 2.10	**Impact of Objects Fields of Electric Power Systems on the Environment**		8	R	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**131**
OP 2.11	**Overvoltage in Electric Power Systems**	8		C	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**131**
OP 2.20																												
2.1.3	**Profiled discipline package 03 "Systems of control of production and distribution of electric power"**				**50,0**	**1500,0**	**712,0**	**360,0**	**106,0**	**246,0**	**788,0**			**8,0**	**9,0**					**5,0**	**5,0**	**11,0**	**11,0**	**8,0**	**9,0**	**20,0**	**16,0**	
OP 3.1	**Introduction to Specialty**		2	R	3,0	90,0	32,0			32,0	58,0			2,0	3,0													**132**
OP 3.2	**Fundamentals of information technology in control systems**	2		CW	6,0	180,0	96,0	32,0	32,0	32,0	84,0			6,0	6,0													**132**
OP 3.3	**Elements of Automation Systems**		5	C	5,0	150,0	80,0	48,0	16,0	16,0	70,0									5,0	5,0							**132**
OP 3.4	**Electromagnetic Transient Processes**	6		CW	6,0	180,0	96,0	48,0	16,0	32,0	84,0											6,0	6,0					**132**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
OP 3.5	**Fundamentals of Relay Protection of Power Systems**	6		C	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**132**
OP 3.6	**Fundamentals of Relay Protection Designing of Power Engineering Systems**	7		CP	5,0	150,0	64,0	32,0		32,0	86,0													4,0	5,0			**132**
OP 3.7	**Electromechanical transient processes**	7		C	4,0	120,0	64,0	32,0	16,0	16,0	56,0													4,0	4,0			**132**
OP 3.8	**Automatization of Power Engineering Systems**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**132**
OP 3.9	**Fundamentals of Power Supply and Energy Saving**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**132**
OP 3.10	**Electricity accounting and quality control systems**	8		R	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**132**
OP 3.11	**Operation of Relay Protection Devices for Power Engineerig Systems**		8	R	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**132**
OP 3.20																												
2.1.4	**Profiled discipline package 04 "Electrical Insulation, Cable and Optical Fiber Equipment"**				**50,0**	**1500,0**	**728,0**	**392,0**	**120,0**	**216,0**	**772,0**			**8,0**	**9,0**					**11,0**	**11,0**	**5,0**	**5,0**	**9,0**	**9,0**	**20,0**	**16,0**	
OP 4.1	**Introduction to Speciality**		2	R	3,0	90,0	32,0			32,0	58,0			2,0	3,0													**133**
OP 4.2	**Applied Programming in Electrical Insulation and Cable Technique**	2		CW	6,0	180,0	96,0	32,0	32,0	32,0	84,0			6,0	6,0													**133**
OP 4.3	**Theory of Electromagnetic Fields in Electrical Insulation,Cable and Optical Fiber Technique**	5		C	5,0	150,0	80,0	48,0	16,0	16,0	70,0									5,0	5,0							**133**
OP 4.4	**Fundamentals of Electrical Insulation Technique**	5		CW	6,0	180,0	96,0	48,0	16,0	32,0	84,0									6,0	6,0							**133**
OP 4.5	**Calculation and Design of Insulation Construction**	6		CP	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**133**
OP 4.6	**Cable Technique Part 1**	7		CP	5,0	150,0	80,0	48,0		32,0	70,0													5,0	5,0			**133**
OP 4.7	**Fundamentals of Fiber Optical Technique: Communication Cables Part 1**	7		C	4,0	120,0	64,0	48,0		16,0	56,0													4,0	4,0			**133**
OP 4.8	**Cable Technique Part 2**	8		C	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**133**
OP 4.9	**Fundamentals of Optical Fiber Technique: Communication Cables Part 2**	8		C	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**133**
OP 4.10	**Condenser Technique**	8		C	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**133**
OP 4.11	**Installation, Operation and Diagnostics of Cable Systems**		8	R	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**133**
OP 4.20																												
2.1.5	**Profiled discipline package 05 "Energy Management and Energy-Efficient Technologies"**				**50,0**	**1500,0**	**712,0**	**360,0**	**126,0**	**226,0**	**788,0**			**8,0**	**9,0**					**5,0**	**5,0**	**11,0**	**11,0**	**8,0**	**9,0**	**20,0**	**16,0**	
OP 5.1	**Introduction to Speciality**		2	R	3,0	90,0	32,0			32,0	58,0			2,0	3,0													**130**
OP 5.2	**Fundamentals of information technology in electric power industry**	2		CW	6,0	180,0	96,0	32,0	32,0	32,0	84,0			6,0	6,0													**130**
OP 5.3	**Mathematical Problems Of Power Engineering**	5		C	5,0	150,0	80,0	48,0		32,0	70,0									5,0	5,0							**130**
OP 5.4	**Transients in Power Systems**	6		CW	6,0	180,0	96,0	48,0	16,0	32,0	84,0											6,0	6,0					**130**
OP 5.5	**Energy Management Part 1**	6		C	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**130**
OP 5.6	**Fundamentals of Power Supply Systems**	7		CW	4,0	120,0	64,0	32,0	16,0	16,0	56,0													4,0	4,0			**130**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
OP 5.7	**Energy Management Part 2**	7		P	5,0	150,0	64,0	32,0	16,0	16,0	86,0													4,0	5,0			**130**
OP 5.8	**Fundamentals of Energy Audit**	8		C	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**130**
OP 5.9	**Accounting and Management of Power Consumption**	8		C	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**130**
OP 5.10	**Economic Assessment of Energy Saving Problems**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**130**
OP 5.11	**Intelligent Management Systems of Power Consumption**		8	R	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**130**
OP 5.20																												
2.1.6	**Profiled discipline package 6 "Renewable sources of energy and technique and electrophysics of high voltages"**				**50,0**	**1500,0**	**680,0**	**360,0**	**106,0**	**214,0**	**820,0**			**8,0**	**9,0**							**14,0**	**15,0**	**8,0**	**10,0**	**20,0**	**16,0**	
OP 6.1	**Introduction to Speciality**		2	R	3,0	90,0	32,0			32,0	58,0			2,0	3,0													**135**
OP 6.2	**Fundamentals of Information Technology in High Voltage Equipment and Renewable Power Engineering**	2		CW	6,0	180,0	96,0	32,0	32,0	32,0	84,0			6,0	6,0													**135**
OP 6.3	**Power Storage**	6		CW	6,0	180,0	80,0	48,0		32,0	100,0											5,0	6,0					**135**
OP 6.4	**Electrical Equipment in Renewable Energy Installations**	6		C	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**135**
OP 6.5	**High Voltage Pulse Equipment**	6		C	4,0	120,0	64,0	48,0	16,0		56,0											4,0	4,0					**135**
OP 6.6	**High Voltage Equipment of Stations and Substations**	7		CP	5,0	150,0	64,0	32,0	16,0	16,0	86,0													4,0	5,0			**135**
OP 6.7	**High Voltage Measurements**	7		C	5,0	150,0	64,0	32,0	16,0	16,0	86,0													4,0	5,0			**135**
OP 6.8	**Fundamentals of High Voltage Pulse Installations Designing**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**135**
OP 6.9	**Wind Power Engineering**	8		C	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**135**
OP 6.10	**Electrophysical Technological Installations**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**135**
OP 6.11	**Bio Power Engineering complexes**		8	C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**135**
OP 6.20																												
2.1.7	**Profiled discipline package 7 "Cybersecurity Technologies in Electric Power Engineering"**				**50,0**	**1500,0**	**712,0**	**360,0**	**90,0**	**262,0**	**788,0**			**8,0**	**9,0**					**5,0**	**5,0**	**11,0**	**11,0**	**8,0**	**9,0**	**20,0**	**16,0**	
OP 7.1	**Introduction to Speciality**		2	R	3,0	90,0	32,0			32,0	58,0			2,0	3,0													**132**
OP 7.2	**Fundamentals of Information Technology in Cybersecurity**	2		CW	6,0	180,0	96,0	32,0	32,0	32,0	84,0			6,0	6,0													**132**
OP 7.3	**Operation system Security**		5	C	5,0	150,0	80,0	48,0		32,0	70,0									5,0	5,0							**132**
OP 7.4	**Electromagnetic Transient Processes**	6		CW	6,0	180,0	96,0	48,0	16,0	32,0	84,0											6,0	6,0					**132**
OP 7.5	**Fundamentals of Relay Protection of Power Systems**	6		C	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**132**
OP 7.6	**Computer Networks Security**	7		CW	4,0	120,0	64,0	32,0		32,0	56,0													4,0	4,0			**132**
OP 7.7	**Electromechanical transient processes**	7		C	5,0	150,0	64,0	32,0	16,0	16,0	86,0													4,0	5,0			**132**
OP 7.8	**Automatization of Power Engineering Systems**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**132**
OP 7.9	**Fundamentals of Power Supply and Energy Saving**	8		C	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**132**
OP 7.10	**Electricity accounting and quality control systems**	8		R	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**132**
OP 7.11	**Software and Hardware Means of Information Security of Power Engineering Systems**		8	R	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**132**
OP 7.20																												
2.1.8	**Profiled discipline package 8 "Digital energy"**				**50,0**	**1500,0**	**728,0**	**360,0**	**132,0**	**236,0**	**772,0**			**8,0**	**9,0**			**5,0**	**5,0**	**6,0**	**6,0**	**10,0**	**10,0**	**4,0**	**4,0**	**20,0**	**16,0**	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
OP 8.1	**Introduction to the specialty**		2	PE	3,0	90,0	32,0			32,0	58,0			2,0	3,0													**131**
OP 8.2	**Fundamentals of information technology in power systems**	2		KP	6,0	180,0	96,0	32,0	32,0	32,0	84,0			6,0	6,0													**131**
OP 8.3	**Distribution electric networks**	4		KП	5,0	150,0	80,0	32,0	16,0	32,0	70,0							5,0	5,0									**131**
OP 8.4	**Electrical systems and networks part 1**	5		KП	6,0	180,0	96,0	48,0	16,0	32,0	84,0									6,0	6,0							**131**
OP 8.5	**Electromagnetic transients**	6		KP	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**131**
OP 8.6	**Electrical systems and networks part 2**	6		P	5,0	150,0	80,0	48,0	16,0	16,0	70,0											5,0	5,0					**131**
OP 8.7	**System-forming networks and their modes**	7		KП	4,0	120,0	64,0	32,0	16,0	16,0	56,0													4,0	4,0			**131**
OP 8.8	**Expert systems for protection and control of electrical networks**	8		P	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**131**
OP 8.9	**Digitization of electricity distribution and consumption processes**	8		P	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**131**
OP 8.10	**Interaction of electric power systems with the environment**		8	PE	4,0	120,0	50,0	30,0		20,0	70,0															5,0	4,0	**131**
OP 8.11	**Digital substations**	8		P	4,0	120,0	50,0	30,0	10,0	10,0	70,0															5,0	4,0	**131**
2.2	**Optional student disciplines of the profile preparation according to the list**				**42,0**	**1260,0**	**576,0**				**684,0**					4,0	4,0	6,0	6,0	9,0	10,0	8,0	10,0	9,0	12,0			
2.3	**Optional student disciplines from the general university catalog of disciplines**				**12,0**	**360,0**	**144,0**				**216,0**									**3,0**	**4,0**	**3,0**	**4,0**	**3,0**	**4,0**			
OD 1	**Discipline 1**		5		4,0	120,0	48,0				72,0									3,0	4,0							
OD 2	**Discipline 2**		6		4,0	120,0	48,0				72,0											3,0	4,0					
OD 3	**Discipline 3**		7		4,0	120,0	48,0				72,0													3,0	4,0			
	Total for education period				**240,0**	**7200,0**	**3228,0**				**3972,0**	**28,0**	**30,0**	**28,0**	**30,0**	**28,0**	**30,0**	**28,0**	**30,0**	**26,0**	**30,0**	**26,0**	**30,0**	**24,0**	**30,0**	**22,0**	**30,0**	
	Hours per week											28,0		28,0		28,0		28,0		26,0		26,0		24,0		22,0		
	Number of exams											5		5		5		6		4		5		5		3		
	Number of tests											1		2		2		2		3		2		3		2		
	Number of course projects (works)													1				1		1		1		1				
	Numbers of disciplines per semester											6		7		7		7		5		5		5		5		

Individual tasks	
C	Calculated task
CG	Calculated and graphic task
R	Report
CP	Course project
CW	Course work

Approved by the Academic Council of NTU "KhPI"
protocol №___4_____ from__03.07.2020.

Vice-rector of Scientific-and-Pedagogical Work _____**Gennadyi KHRYPUNOV**
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Signature Full name

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Signature Full name

Head of the Department of Power Stations _____**Oleksandr LAZURENKO**
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Head of theDepartment of Electrical Insulation and Cable Engineering _____**Anatolyi GYRIN**
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