

**PERSONAL INFORMATION:**

Full Name: Theodora Patsaka



Mechanical Engineer, Aristotle University of Thessaloniki

Director of the Islands Network Operation Department/ HEDNO S.A.

Address: 98-100 Syngrou, Athens, Greece

Work Phone: +30 2109090414

Mobile Phone: +30 6979799310

Email Address: t.patsaka@deddie.gr

Place / Date of Birth: Kastoria, 24.11.1963

Marital Status: Married, mother of two children

<b>PROFESSIONAL EXPERIENCE:</b>	
<b>Date</b>	<b>May 2020 – Present</b>
<b>Position</b>	<b>Director of the Islands Network Operation Department</b>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Operation of the electricity market and management of the electricity production of the Non-Interconnected Islands (NII)</li> </ul>
<b>Company</b>	<b>Hellenic Electricity Distribution Network Operator (HEDNO S.A.)</b>
<b>Date</b>	<b>July 2013 – May 2020</b>
<b>Position</b>	<b>Deputy Director of the Islands Network Operation Department</b>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Supervision of the Sectors: Development and Production Management, Energy Control Systems Operation, and Electrical Networks Development and Operation</li> <li>• Project Manager for the integration and operation of the Ikaria Hybrid Station</li> <li>• Project Manager for the development of measurement infrastructure in all Conventional Power Generation Units of the NII</li> <li>• Project Manager for the development of infrastructure for the control and supervision of NII Power Stations, Conventional, and RES (SCADA EMS)</li> <li>• Representative of HEDNO at the Regulatory Authority for Energy (RAE) committee regarding the economic viability of NII interconnections</li> <li>• Participation in the preparation of the National Energy and Climate Plan</li> </ul>
<b>Company</b>	<b>Hellenic Electricity Distribution Network Operator (HEDNO S.A.)</b>
<b>Date</b>	<b>November 2007 – July 2013</b>
<b>Position</b>	<b>Head of the Production Management Department of the Islands Network Operation Department</b>

<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Issuing guidelines for power plant integration and overall production management according to the NII Management Code</li> <li>• Monthly collection of energy production and fuel consumption data</li> <li>• Scheduling maintenance of Power Units in cooperation with license holders</li> <li>• Contracting with license holders for energy injection and ancillary services in NII networks</li> <li>• Providing recommendations to RAE for Hybrid and other new technology RES stations</li> <li>• Ensuring power adequacy in NII, especially during peak demand periods</li> <li>• Estimating demand and production per Power Unit for budget and operational planning</li> </ul>
<b>Company</b>	<b>Public Power Corporation S.A. (PPC) &amp; HEDNO S.A.</b>
<b>Date</b>	<b>October 2005 – October 2007</b>
<b>Position</b>	<b>Sector Manager at the Directorate of Mines Planning &amp; Performance</b>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Development of the Mines Business Plan for 2006-2010</li> <li>• Monitoring and implementation of the Business Plan</li> <li>• Preparation and supervision of annual Action Plans</li> <li>• Budgeting and monitoring of the General Mines Division</li> <li>• Implementation of an IT system for monitoring production and financial data</li> <li>• Data collection and reporting for the Western Macedonia and Megalopolis Lignite Centres</li> <li>• Presentation of reports on business plan implementation, including the “HERCULES” project.</li> </ul>
<b>Company</b>	<b>Public Power Corporation S.A. (PPC)</b>
<b>Date</b>	<b>October 2003 – September 2005</b>
<b>Position</b>	<b>Deputy Sector Manager at the Mines Procurement &amp; Materials Department</b>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Responsible for drafting declarations &amp; supply contracts, selecting purchasing methods, conducting Central &amp; non-Central material Supplies for the General Directorate of Mines, managing long-term Contracts, preparing the unified procurement program &amp; budget for the Directorate of Mining Development</li> <li>• Member of the Committee for Unsealing &amp; Evaluating Bids for material procurement of the General Directorate of Mines.</li> </ul>
<b>Company</b>	<b>Public Power Corporation S.A. (PPC)</b>
<b>Date</b>	<b>May 1997 – October 2003</b>
<b>Position</b>	<b>Mechanical Engineer at the Mines Procurement &amp; Materials Department</b>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Responsible for drafting declarations &amp; supply contracts, selecting purchasing methods, conducting Central &amp; non-Central material Supplies for the General Directorate of Mines, managing long-term Contracts, preparing the unified procurement program &amp; budget for the Directorate of Mining Development, regulations, EU Directives, etc.</li> <li>• Member of the Committee for Unsealing &amp; Evaluating Bids, as a representative of the General Directorate of Mines, in the Materials Procurement – Transportation Directorate of PPC S.A.</li> <li>• Member of the Technical Evaluation Committee for Lubricant Bids as a representative of the Directorate of Mining Development</li> </ul>
<b>Company</b>	<b>Public Power Corporation S.A. (PPC)</b>
<b>Date</b>	<b>May 1995 – May 1997</b>
<b>Position</b>	<b>Mechanical Engineer at the Mayor’s Office of Athens</b>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Administration and personnel development</li> <li>• Communication with municipal districts and Maintenance and operation of school buildings</li> </ul>
<b>Company</b>	<b>Municipality of Athens (Secondment from PPC)</b>

<b>Date</b>	<b>October 1993 – May 1995</b>																																	
<b>Position</b>	Mechanical Engineer at the Western Macedonia Lignite Center (WMLC)																																	
<b>Responsibilities</b>	Head of Roller, Bucket, and Diesel Equipment Workshops																																	
<b>Company</b>	<b>Public Power Corporation S.A. (PPC) / WMLC</b>																																	
<b>Date</b>	<b>March 1992 – October 1993</b>																																	
<b>Position</b>	Mechanical Engineer at the WMLC Electro-Mechanical Equipment Study Sector																																	
<b>Responsibilities</b>	Conducting mechanical equipment studies and technical specifications																																	
<b>Company</b>	<b>Public Power Corporation S.A. (PPC) / WMLC</b>																																	
<b>Date</b>	<b>January 1989 – March 1992</b>																																	
<b>Position</b>	Mechanical Engineer at the Department of Studies & Procurement of the Municipality of Athens																																	
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>▪ Technical specifications and procurement for mechanical equipment</li> <li>▪ Responsible for street sweepers, tires, and lubrication equipment</li> <li>▪ Member of the Workplace Accident Committee.</li> </ul>																																	
<b>Company</b>	<b>Municipality of Athens/ Mechanical Engineering Department</b>																																	
<b>EDUCATION &amp; TRAINING:</b>																																		
<b>Date (from - to)</b>	<b>October 1982 -- 1987</b>																																	
<b>Certificate – Diploma Title</b>	Mechanical Engineer, Aristotle University of Thessaloniki																																	
<b>Professional Skills</b>	Graduated with honors ('Very Good' grade) <ul style="list-style-type: none"> <li>▪ Thesis «Production Management and Organization»</li> </ul>																																	
<b>Name of Education – Training Organization</b>	Aristotle University of Thessaloniki - School of Engineering. Department of Mechanical Engineering																																	
<b>PERSONAL SKILLS:</b>																																		
<b>Native language</b>	Greek																																	
<b>Other languages</b>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">COMPREHENSION</th> <th colspan="2">SPEECH</th> <th>WRITING</th> </tr> <tr> <th>Oral</th> <th>Reading</th> <th>Communication</th> <th>Oral Expression</th> <th></th> </tr> </thead> <tbody> <tr> <td>English</td> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> </tr> <tr> <td>French</td> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> </tr> <tr> <td></td> <td colspan="5">Certificate</td> </tr> </tbody> </table>						COMPREHENSION		SPEECH		WRITING	Oral	Reading	Communication	Oral Expression		English	B2	B2	B2	B2	B2	French	B2	B2	B2	B2	B2		Certificate				
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English	B2	B2	B2	B2	B2																													
French	B2	B2	B2	B2	B2																													
	Certificate																																	

<p><b>Digital Skills</b></p>	<p>Proficient in Windows, Microsoft Office™ (Word, Excel, PowerPoint, Outlook) and Internet applications</p>
<p><b>Publications – Conferences Seminars Studies – Research Projects</b></p>	<p><b>Publications</b></p> <ul style="list-style-type: none"> <li>▪ «Assessment and Economic Analysis of Wind Generation on the Ancillary Services and the Unit Commitment Process for an Isolated System» A. Papalexopoulos, I. Vitellas, D. Hatzigiorgiou, T. Patsaka, A.L. Dimeas.</li> </ul>
	<p><b>Seminars</b></p> <ul style="list-style-type: none"> <li>▪ Environmental &amp; Social Impacts of Technical Projects, NTUA (1988, 440 hours)</li> <li>▪ Human Resources Management, Panteion University of Athens (300 hours)</li> <li>▪ Workplace Safety &amp; Accident Prevention (1993)</li> <li>▪ Business Administration &amp; Organization, PPC (1993)</li> <li>▪ Computer Training in Excel &amp; Word, PPC (1999)</li> <li>▪ Finance for Non-Financial Professionals</li> </ul>
	<p><b>Professional Licenses</b></p> <ul style="list-style-type: none"> <li>▪ Licensed Electrical &amp; Mechanical Engineer</li> </ul>
	<p><b>Conferences Presentations</b></p> <ul style="list-style-type: none"> <li>▪ EU Session Cigre "ATHENS 2011": "Impacts of Integrating PV Generation into Islanded Power Systems" (E. Kapolos, E. Karamanou, S. Korkizoglou, S. Papathanasiou, I. Vitellas, Th. Patsaka)</li> <li>▪ 16th ISAP 2011: "Assessment and Economic Analysis of Wind Generation on the Ancillary Services and the Unit Commitment Process for an Isolated System"</li> <li>▪ 4th National Conference. The Application of Renewable Energy Sources 2010: "Experience and Prospects of Maximizing the Penetration of RES in Autonomous Electrical Systems of Islanded Power Systems" (N. Chatziargyriou, I. Vitellas, E. Thalassinakis, A. Gigantidou, Th. Patsaka, P. Kourelis, A. Dimeas)</li> </ul>
	<p><b>Studies Research Projects</b></p> <ul style="list-style-type: none"> <li>▪ "Investigation of the Integration Margin of PV and RES in Non-Interconnected Islands (NII)", 2011, EPSEV – NTUA</li> <li>▪ "Study for the Completion of the NII Management Code for Proposal Submission to RAE", 2009, ECCO International</li> <li>▪ "Study on the Operational Reliability and Backup Power in NII Autonomous Electrical Systems ", 2010, EPSEV – NTUA</li> <li>▪ "Development of an Electronic System for Collecting and Processing Data from Power Plant Units and Remote Monitoring", MAS, 2009</li> <li>▪ "Development of a Power Plant Unit Management System", 2012-13, EPSEV – NTUA</li> <li>▪ "Investigation of Power Quality and Voltage in the Paros Cluster with High RES Integration", 2013, School of Engineering, University of Patras</li> <li>▪ Participation in the European Research Program "SuSTAINABLE"</li> <li>▪ Participation in the European Research Program Hybrid Tilos</li> <li>▪ Study for the Development of SCADA EMS in Non-Interconnected Islands</li> <li>▪ Study for the Installation of Measuring Devices in all NII Thermal Power Plants</li> </ul>