

Attachment 1: Information of the Board of Directors, Management, Controlling Persons, and Corporate Secretary

1. PTTEP's Board of Directors

As of 31 December 2018, PTTEP's Board of Directors consists of 14 directors. Details of 14 current directors and 4 directors retiring from the office during the year 2018 are as below.

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years				
					Period	Position	Function/Company/Type of Business		
Mr. Prajya Phinyawat	67	Education	0.00038 (15,000 shares)	None	Other listed companies				
- Chairman		2011 - 2014			● Director	● PTT Global Chemical Public Company Limited			
- Chairman of the Independent Directors Committee							2005 - 2013	● Director	● Bangkok Polyethylene Public Company Limited
Begin Date									
March 28, 2012		Training of Thai Institute of Directors Association			Other companies				
		● Board Matters and Trends (BMT) 4/2017			2011 - 2016	● Chairman	● PTT Asahi Chemical Company Limited		
		● The Power of Culture: From Performance Culture to Winning Culture Seminar						Other organizations	
		● Anti-Corruption: Leadership Role of the Board			2015 - Present	● Director of Council	● Vidyasirimedhi Institute of Science and Technology (VISTEC)		

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> Chairman Forum: "Clean Business: What is the Chairman Role?" 1/2014 Role of the Chairman Program (RCP) 35/2014 Director Certification Program (DCP) 14/2002 					
		Other Trainings					
		<ul style="list-style-type: none"> The 1st PLATTS-PTT Day Academic Seminar by PTT and Platts McGraw Hill Financial The Joint State - Private Sector course (Class 15), National Defense College Capital Market Academy Leadership Program (Class 7), Capital Market Academy Certificate of Energy Literacy for a Sustainable Future Program (Class 1/2012), Thailand Energy Academy 					

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Achporn Charuchinda	65	Education	None	None	Other listed companies		
- Independent Director - Chairman of the Remuneration Committee - Chairman of the Audit Committee		<ul style="list-style-type: none"> L.L.B., Faculty of Law, Thammasat University, Thailand Thai Barrister-at-Law, Institute of Legal Education of the Thai Bar Association 			2012 - 2015	<ul style="list-style-type: none"> Member of the Legal Committee 	<ul style="list-style-type: none"> Thai Airways International Public Company Limited
		Training of Thai Institute of Directors Association			Other companies		
		<ul style="list-style-type: none"> None 			2013 - 2016	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Thai Smile Airways Company Limited
Begin Date		Other Trainings			Other organizations		
January 1, 2013		<ul style="list-style-type: none"> Law Drafting Certificate, India The National Defense Course (Class 46), National Defense College 			2017 - Present	<ul style="list-style-type: none"> Board Member in Legal 	<ul style="list-style-type: none"> The National Economic and Social Development Board (NESDB)
					2017 - Present	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> National Reform Committee in Justice Process, National Reform Committee
					2017 - Present	<ul style="list-style-type: none"> Member of the Risk Oversight Committee 	<ul style="list-style-type: none"> The Bank of Thailand
					2015 - Present	<ul style="list-style-type: none"> Member 	<ul style="list-style-type: none"> Constitution Drafting Committee
					2014 - Present	<ul style="list-style-type: none"> Board Member 	<ul style="list-style-type: none"> Office of Insurance Commission
					2014 - Present	<ul style="list-style-type: none"> Board Member 	<ul style="list-style-type: none"> Highland Research and Development Institute (Public Organization)

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					2003 - Present	● Member of the Council of State	● The Office of the Council of State
					2015 - 2017	● Board Member	● The National Economic and Social Development Board (NESDB)
					2013 - 2017	● Board Member	● The Bank of Thailand
					Apr - Oct 2016	● Director	● Thailand Tobacco Monopoly, Ministry of Finance
					2013 - 2015	● Chairman of the Securities and Exchange Commission Board	● The Securities and Exchange Commission Board
					2012 - 2014	● Member of the Board of Directors	● The Metropolitan Waterworks Authority
					2011 - 2014	● Member of the Institutions Policy Committee	● The Bank of Thailand

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					2011 - 2014	<ul style="list-style-type: none"> Member of the Office of the Teacher Civil Service and Educational Personnel Commission 	<ul style="list-style-type: none"> The Office of the Teacher Civil Service and Educational Personnel Commission, The Ministry of Education
					2011 - 2013	<ul style="list-style-type: none"> Member of the National Energy Policy Council 	<ul style="list-style-type: none"> Energy Policy and Planning Office, The Ministry of Energy
					2011 - 2013	<ul style="list-style-type: none"> Member of the National Water and Flood Management Committee 	<ul style="list-style-type: none"> The Office of the National Water and Flood Management Policy
					2010 - 2013	<ul style="list-style-type: none"> Member of the Decentralization to Local Government Organization Committee 	<ul style="list-style-type: none"> The Office of the Permanent Secretary, The Prime Minister's Office

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					2010 - 2013	● Secretary - General of the Office of the Council of state	● The Office of the Council of State
					2010 - 2013	● Member of the Administrative Courts Officials Commission	● The Office of the Administrative Courts
					2010 - 2013	● Board Member	● The Energy Conservation Promotion Fund
					2010 - 2013	● Member	● The Government Pension Fund (GPF)
					2007 - 2013	● Chairman of the Audit Committee for the Financial Institutions Development Fund	● The Bank of Thailand
					2007 - 2013	● Member of the Financial Institutions Development Fund	● The Bank of Thailand

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Admiral Tanarat Ubol	64	Education	None	None	Other listed companies		
- Vice Chairman of the Independent Directors Committee		None					
- Chairman of the Corporate Governance Committee		Other companies					
- Member of the Remuneration Committee		2014 - 2015			● Chairman	● Bangkok Dock Company Limited	
		Apr 2015 - Sep 2015			● Director	● Thai Aviation Industries Company Limited	
		Other organizations					
		2015 - Present			● Royal Thai Navy Retired	● Office of the Permanent Secretary for Defence	
		Apr - Sep 2015			● Deputy Chief of Joint Staff	● Royal Thai Armed Forces Headquarters	
		Apr - Sep 2015			● Director, Equipment Control and Industry Development Committee	● Defence Industry Department, Ministry of Defence	
		2014 - 2015			● Chairman	● Frigate Squadron Project, Royal Thai Navy	
	2014 - 2015	● Chief of Staff	● Royal Thai Navy				
Begin Date		Training of Thai Institute of Directors Association					
September 1, 2014		● Board Matters and Trends (BMT) 4/2017					
		● Strategic Board Master Class (SBM) 1/2017					
		● Anti-Corruption: Leadership Role of the Board					
		● How to Develop a Risk Management Plan (HRP) 9/2016					
		● Risk Management for Corporate Leaders (RCL) 26/2016					

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> Boards that Make a Difference (BMD) 1/2016 Ethical Leadership Program (ELP) 1/2015 Director Certification Program (DCP) 204/2015 			2013 - 2014	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> Royal Thai Navy Transport Helicopter Procurement Project, Royal Thai Navy
		Other Trainings			2013 - 2014	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> HTMS Naresuan Frigate Squadron Improvement Project, Royal Thai Navy
		<ul style="list-style-type: none"> 22nd World Petroleum Congress (WPC), Istanbul, Turkey Maritime Joint Force Commander Course (Admiral Level), Hawaii, U.S.A. Advanced Security for Senior Executive, Hawaii, U.S.A. National Institute for Defense Studies (Japan) National Institute for Defense College (Class 51) 			2012 - 2013	<ul style="list-style-type: none"> Senior Advisor 	<ul style="list-style-type: none"> Royal Thai Navy

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Sethaput Suthiwart-Narueput - Independent Director - Chairman of the Risk Management Committee - Member of the Nominating Committee - Member of the Audit Committee Begin Date September 1, 2014	53	Education	None	None	Other listed companies		
		<ul style="list-style-type: none"> Ph.D. Economics, Yale University, U.S.A. M.Phil. Economics, Yale University, U.S.A. B.A. (Highest Honors) Economics, Swarthmore College, U.S.A. 			2016 - Present	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Osotspa Public Company Limited
		Training of Thai Institute of Directors Association			Other companies		
		<ul style="list-style-type: none"> Advanced Audit Committee Program (AACP) 18/2015 Risk Management Committee Program (RMP) 6/2015 Director Accreditation Program (DAP) 94/2012 			2011 - Jan 2018	<ul style="list-style-type: none"> Director and Managing Partner 	<ul style="list-style-type: none"> The Advisor Company Limited
		Other Trainings			Other organizations		
		<ul style="list-style-type: none"> None 			2017 - Present	<ul style="list-style-type: none"> Member of the Board of Directors 	<ul style="list-style-type: none"> The Bank of Thailand
					2015 - Present	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Puey Ungphakorn Institute for Economic Research, Bank of Thailand
					2014 - Present	<ul style="list-style-type: none"> Member of the Monetary Policy Committee 	<ul style="list-style-type: none"> The Bank of Thailand
					2012 - 2017	<ul style="list-style-type: none"> Executive Chairman 	<ul style="list-style-type: none"> Thailand Future Foundation
					2000 - 2017	<ul style="list-style-type: none"> Visiting Professor of Economics 	<ul style="list-style-type: none"> Sasin Graduate Institute of Business Administration
					2000 - 2016	<ul style="list-style-type: none"> Advisor on Academic Affairs 	<ul style="list-style-type: none"> Sasin Graduate Institute of Business Administration

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years				
					Period	Position	Function/Company/Type of Business		
Major General Nimit Suwannarat	47	Education	None	None	Other listed companies				
- Independent Director - Member of the Nominating Committee - Member of the Risk Management Committee		<ul style="list-style-type: none">● Master of Arts in International Relations, Chulalongkorn University● Master of Science in Electrical Engineering (Communications and Signal Processing), University of Minnesota, Minnesota, U.S.A.● Bachelor of Science in Electrical Engineering, Virginia Military Institute, Virginia, U.S.A.			None				
					Other companies				
					None				
					Other organizations				
Begin Date							Oct 2018 – Present	<ul style="list-style-type: none">● Deputy Chief of Office	<ul style="list-style-type: none">● Office of Military Affairs Coordination to the Ministry of Foreign Affairs, Office of Policy Planning Ministry of Defence, Ministry of Defence
September 1, 2014		Training of Thai Institute of Directors Association			Apr – Sep 2018	<ul style="list-style-type: none">● Staff Officer to the Minister of Defence	<ul style="list-style-type: none">● Ministry of Defence		
		<ul style="list-style-type: none">● Director Certification Program (DCP) 216/2016			2017 – Mar 2018	<ul style="list-style-type: none">● Commanding Officer	<ul style="list-style-type: none">● 1st Development Regiment, Royal Thai Army		
		Other Trainings			2016 - 2017	<ul style="list-style-type: none">● Senior Operation Officer, Defence Industry and Energy Center	<ul style="list-style-type: none">● Office of the Permanent Secretary for Defence		
		<ul style="list-style-type: none">● Public Key Infrastructure (Certification Authority, Digital Signature) Course, Ottawa, Canada● Electronic Commerce Course, Orlando, Florida, U.S.A.			2015 - 2016	<ul style="list-style-type: none">● Commanding Officer of the 1st Field Artillery Regiment King’s Guard	<ul style="list-style-type: none">● Royal Thai Army		

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> • Computer Emergency Response Team, Carnegie Melon, Pittsburg, Pennsylvania, U.S.A. • National Crisis Management Course, APCSS, Honolulu, Hawaii, U.S.A. • Command and General Staff College (Class 83), Royal Thai Army • Joint Staff Course, Joint Staff College • Intermediate Certificate Course in Political Leadership in the New Era (Class 2), King Prajadhipok's Institute 			2010 - 2015	<ul style="list-style-type: none"> • Executive Officer of the 1st Field Artillery Regiment, King's Guard 	<ul style="list-style-type: none"> • Royal Thai Army

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Wirat Uanarumit	56	Education	None	None	Other listed companies		
- Director - Member of the Risk Management Committee		<ul style="list-style-type: none"> Master of Business Administration (Financial Management), Pennsylvania State University, U.S.A. Bachelor of Engineering (Electrical Engineering), Chulalongkorn University 			2016 - Present	<ul style="list-style-type: none"> Chief Operation Officer, Upstream Petroleum and Gas Business Group 	<ul style="list-style-type: none"> PTT Public Company Limited
Begin Date		Training of Thai Institute of Directors Association			2014 - 2016	<ul style="list-style-type: none"> Chief Financial Officer 	<ul style="list-style-type: none"> PTT Public Company Limited
February 23, 2015		<ul style="list-style-type: none"> Anti-Corruption: Leadership Role of the Board Director Certification Program Update (DCPU) 5/2015 Director Certification Program (DCP) 8/2001 Audit Committee Program (ACP) 38/2012 Ethical Leadership Program (ELP) 7/2017 			Jan - Sep 2016	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Thai Oil Public Company Limited
					2014 - 2015	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Bangchak Petroleum Public Company Limited
					2012 - 2014	<ul style="list-style-type: none"> Executive Vice President – Corporate Finance 	<ul style="list-style-type: none"> PTT Public Company Limited
					Other companies		
					Nov 2018 – Present	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> PTTLNG Company Limited
					2016 - Present	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Sakari Resources Limited
					2016 - 2017	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> PTT Energy Resources Company Limited
					Jun - Oct 2017	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> PTT Global LNG Company Limited

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		Other Trainings			2014 - 2015	● Director	● PTT International Trading Private Limited
		● Advanced Certificate Course in Public Economics Management for Executive (Class 20), The College of Politics and Governance, King Pradhipok's Institute (KPI)			2012 - 2015	● Director	● Star Petroleum Refining Public Company Limited (SPRC)
		● Thailand CG Forum: Governance as a Driving Force for Business Sustainability, The Stock Exchange of Thailand			Other organizations		
		● Advanced Management Program, INSEAD Business School, France			2016 - Present	● Advisory Committee, Trade, Investment Promotion & Business Council	● The Federation of Thai Industries
		● Advanced Management Program 184, Harvard Business School, U.S.A.			2016 - Present	● Advisor to the President	● Association of Capital Market Academy (ACMA)
		● Capital Market Academy Leadership Program (Class 4), Capital Market Academy			2015 - Present	● Chairman, Thailand – Malaysia Business Council	● The Federation of Thai Industries
		● The Program for Senior Executives on Justice Administration (Class 16), Office of the Judiciary			2015 - Present	● Director	● Chulalongkorn University Alumni Association (CUAA) (2015-2017)
					2015 - Present	● Director under Thai-Chinese Railway Finance and Investment Sub-Committee	● Thai-Chinese Railway Development Committee

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> Advanced Security Management Program (Class 2), The National Defence College Association of Thailand TLCA Executive Development Program (Class 1), Association of Listed Companies, Stock Exchange of Thailand The Joint State – Private Sector Course (Class 2013), National Defence College Executive Management with Business Development and Investment (Class 2), Institute of Business and Industrial Development (IBID) The Rules of Law for Democracy (Class 6), College of the Constitutional Court 			2013 - Present 2014 - 2017 2015 - 2016 2015 - 2016	<ul style="list-style-type: none"> Director & Audit Committee Director Director Advisory Committee, Promoting and Supporting Office of Industries 	<ul style="list-style-type: none"> Thailand Management Association (TMA) Kamnoetvidya Science Academy School (KVIS) & Vidyasirimedhi Institute of Science and Technology (VISTEC) The Joint Standing Committee on Commerce, Industry and Banking The Federation of Thai Industries

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Twarath Sutabutr	49	Education	None	None	Other listed companies		
- Director		<ul style="list-style-type: none"> Ph.D. Civil & Environmental Engineering, Massachusetts Institute of Technology (MIT), U.S.A. M.S. Soil Mechanics, Asian Institute of Technology (AIT) B.E. Civil Engineering, Chulalongkorn University 			2014 - 2015	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Thai Oil Public Company Limited
- Member of the Risk Management Committee					Apr 2015 - Jul 2015	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> PTT Public Company Limited
Begin Date					Other companies		
October 1, 2015					None		
					Other organizations		
					Oct 2018 – Present	<ul style="list-style-type: none"> Inspector General 	<ul style="list-style-type: none"> Office of the Permanent Secretary, Ministry of Energy
		Training of Thai Institute of Directors Association			2017 - Present	<ul style="list-style-type: none"> Association President 	<ul style="list-style-type: none"> Asian Institute of Technology (AIT)
		<ul style="list-style-type: none"> Anti-Corruption: Leadership Role of the Board Director Certification Program (DCP) 115/2009 Financial Statements for Directors Program (FSD) 4/2009 			2017 - Present	<ul style="list-style-type: none"> Director, The Civil Service Sub-Commission 	<ul style="list-style-type: none"> The Office of the Civil Service Commission (OCSC)
		Other Trainings			2017 - Present	<ul style="list-style-type: none"> Association President, Thai Government Scholarship Students Association 	<ul style="list-style-type: none"> The Office of the Civil Service Commission (OCSC)
		<ul style="list-style-type: none"> Energy Literacy for a Sustainable Future (Class 10), Thailand Energy Academy 					

Attachment 1 Page 16

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> • The Civil Service Executive Program for Senior Civil Servants (Class 61), Office of the Civil Service Commission • New Wave Leadership Development (Class 3), Office of the Civil Service Commission • Energy Executive Program (Class 2), Ministry of Energy • Infrastructure in a Market Economics, Harvard University, Cambridge, U.S.A. • Ministry's Spokesperson Program, Institute of Public Relations, The Government Public Relations Department • Executive Program on the Rule of Law and Development (RoLD), Thailand Institute of Justice (TIJ) 					

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Pitipan Teparitimgorn	62	Education	None	None	Other listed companies		
- Director - Member of the Risk Management Committee - Member of the Corporate Governance Committee		<ul style="list-style-type: none"> M.A. Political Science (Public Administration), Thammasat University B.E. Electrical Engineering (Second Class Honor), King Mongkut's Institute of Technology Ladkrabang 			Aug 2018 - Present	<ul style="list-style-type: none"> Member of the U-Tapao Aircraft Repair Center Project Governance and Thai Airways Business Development Project at U-Tapao Airport Sub-committee 	<ul style="list-style-type: none"> Thai Airways International Public Company Limited
Begin Date		Training of Thai Institute of Directors Association			May 2018 – Present	<ul style="list-style-type: none"> Member of the Risk Management Committee 	<ul style="list-style-type: none"> Thai Airways International Public Company Limited
November 1, 2015		<ul style="list-style-type: none"> Anti-Corruption: Leadership Role of the Board Director Certification Program (DCP) 138/2010 Anti-Corruption for Executive Program (ACEP) 4/2012 			Feb 2018 – Present	<ul style="list-style-type: none"> Member of the Nomination Committee 	<ul style="list-style-type: none"> Thai Airways International Public Company Limited
		Other Trainings			Jan 2018 - Present	<ul style="list-style-type: none"> Member of the Human Resources Committee 	<ul style="list-style-type: none"> Thai Airways International Public Company Limited
		<ul style="list-style-type: none"> Strategic Human Resource Management, Harvard University, U.S.A. 			2017 - Present	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Thai Airways International Public Company Limited

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> ● NIDA – Wharton Executive Leadership Program, The Wharton School, University of Pennsylvania, U.S.A. ● Senior Executive Program (SEP), Sasin Graduate Institute of Business Administration ● Advance Political and Electoral Development Program (Class 3), Office of The Election Commission of Thailand ● PTT Executive Leadership Program, General Electrics, Crotonville, U.S.A. ● Capital Market Academy Leadership Program (Class 19), Capital Market Academy 			2015 - 2016	<ul style="list-style-type: none"> ● Chief Operation Officer, Upstream Petroleum and Gas Business Group 	<ul style="list-style-type: none"> ● PTT Public Company Limited
					2015 - 2016	<ul style="list-style-type: none"> ● Acting Senior Executive Vice President, Human Resources & Organization Excellence 	<ul style="list-style-type: none"> ● PTT Public Company Limited
					2010 - 2015	<ul style="list-style-type: none"> ● Senior Executive Vice President, Human Resources & Organization Excellence 	<ul style="list-style-type: none"> ● PTT Public Company Limited
					Other companies		
					2014 - 2016	<ul style="list-style-type: none"> ● Director and Chairman of the Remuneration Committee 	<ul style="list-style-type: none"> ● Sakari Resources Limited

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					Apr - Oct 2016	● Chairman	● PTT Energy Resources Company Limited
					2012 - 2015	● Chairman	● PTT Polymer Logistics Company Limited
					2010 - 2015	● Chairman	● PTT ICT Solutions Company Limited
					2012 - 2014	● Chairman	● PTT Polymer Marketing Company Limited
					Other organizations		
					Feb 2018 - Present	● Chairman of Executive Committee	● Vidyasirimedhi Institute (VISTEC)
					2017 - Present	● Vice Chairman of the Governing Board	● Kamnoetvidya Science Academy
					2015 - Present	● Council Member, Executive Board Member, and Chairman of the Personnel Management Committee	● Vidyasirimedhi Institute (VISTEC)

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					2014 - Present	<ul style="list-style-type: none"> Director, The Civil Service Sub-Commission on Development of Human Resource Management (HRM) 	<ul style="list-style-type: none"> The Office of the Civil Service Commission (OCSC)

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Ms. Panada Kanokwat	69	Education	0.00076	None	Other listed companies		
- Independent Director		<ul style="list-style-type: none"> Master of Business Administration (Finance & Banking), North Texas State University, U.S.A. Bachelor of Accounting, Faculty of Commerce and Accountancy, Thammasat University 	(30,000 shares)		Apr 2018 - Present	<ul style="list-style-type: none"> Member of the Audit Committee 	<ul style="list-style-type: none"> TISCO Financial Group Public Company Limited
- Member of the Audit Committee					Apr 2018 - Present	<ul style="list-style-type: none"> Independent Director and Member of the Audit Committee 	<ul style="list-style-type: none"> TISCO Bank Public Company Limited
- Member of the Corporate Governance Committee					2014 - Present	<ul style="list-style-type: none"> Member of the Corporate Governance Committee 	<ul style="list-style-type: none"> TISCO Financial Group Public Company Limited
Begin Date		Training of Thai Institute of Directors Association			2008 - Present	<ul style="list-style-type: none"> Independent Director 	<ul style="list-style-type: none"> TISCO Financial Group Public Company Limited
February 12, 2016		<ul style="list-style-type: none"> Board Matters and Trends (BMT) 6/2018 Anti-Corruption: Leadership Role of the Board Directors Certification Program Update (DCPU) 2/2014 Risk Management Committee Program (RMP) 4/2014 Anti-Corruption Focus Group (C-FG) 4/2013 Anti-Corruption for Executive (ACEP) 8/2013 			2017 - Apr 2018	<ul style="list-style-type: none"> Member of the Corporate Governance Committee 	<ul style="list-style-type: none"> Global Power Synergy Public Company Limited
					2014 - Apr 2018	<ul style="list-style-type: none"> Independent Director and Member of the Audit Committee 	<ul style="list-style-type: none"> Global Power Synergy Public Company Limited
					2015 - 2017	<ul style="list-style-type: none"> Independent Director and Chairman of the Audit Committee 	<ul style="list-style-type: none"> Asia Biomass Public Company Limited

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none">Financial Institutions Governance Program (FGP) 2/2011Directors Certification Program (DCP) 113/2009Directors Accreditation Program (DAP) 75/2008			2013 - 2014	<ul style="list-style-type: none">Member of the Audit Committee	<ul style="list-style-type: none">TISCO Financial Group Public Company Limited
		2013 - 2014			<ul style="list-style-type: none">Member of the Audit Committee	<ul style="list-style-type: none">TISCO Bank Public Company Limited	
		2008 - 2014			<ul style="list-style-type: none">Independent Director and Member of the Audit Committee	<ul style="list-style-type: none">TISCO Bank Public Company Limited	
		Other Trainings					
		<ul style="list-style-type: none">Executive Program in Capital Market Academy Leadership Program (Class 2), Capital Market AcademyExecutive Program in International Management, Stanford-National University of Singapore, SingaporeBuilding, Leading & Sustaining the Innovation Organization, Sloan School of Management, Massachusetts Institute of Technology (MIT), U.S.A.			2011 - 2013	<ul style="list-style-type: none">Chairman of the Audit Committee	<ul style="list-style-type: none">TISCO Financial Group Public Company Limited
		2011 - 2013			<ul style="list-style-type: none">Chairman of the Audit Committee	<ul style="list-style-type: none">TISCO Bank Public Company Limited	
		Other companies					
		None					
		Other organizations					
		2014 - Jan 2018			<ul style="list-style-type: none">Member of the Risk Management Sub-Committee	<ul style="list-style-type: none">The Government Pension Fund (GPF)	

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Bundhit Eua-arporn	53	Education	Spouse/ Cohabiting Couple: 0.00012 (4,587 shares)	None	Other listed companies		
- Independent Director - Chairman of the Nominating Committee		<ul style="list-style-type: none"> Ph.D., Imperial College of Science Technology and Medicine, University of London M.Eng., Chulalongkorn University B.Eng., Chulalongkorn University 			2016 - Present	<ul style="list-style-type: none"> Executive Board Member 	<ul style="list-style-type: none"> Banpu Power Public Company Limited
Begin Date					Other companies		
August 1, 2017					None		
					Other organizations		
		Training of Thai Institute of Directors Association			2016 - Present	<ul style="list-style-type: none"> President 	<ul style="list-style-type: none"> Chulalongkorn University
		<ul style="list-style-type: none"> Director Certification Program (DCP) 110/2009 			Aug 2017 - Sep 2017	<ul style="list-style-type: none"> Board Member 	<ul style="list-style-type: none"> National Reform Committee in Energy, National Reform Committee
		Other Trainings			2015 - 2016	<ul style="list-style-type: none"> Honorary Board Member 	<ul style="list-style-type: none"> Thailand Institute of Scientific and Technological Research
		<ul style="list-style-type: none"> Energy Executive Program (Class 6), Ministry of Energy Power of the Kingdom (Bhumipalung Phandin) (Class 3), Chulalongkorn University Executive Program (2014) Temasek Foundation-NUS Programme for Leadership in University Management 			2013 - 2016	<ul style="list-style-type: none"> Dean 	<ul style="list-style-type: none"> Faculty of Engineering, Chulalongkorn University
					2007 - 2013	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Energy Research Institute, Chulalongkorn University

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Miss Penchun Jarikasem	63	Education	0.00025	None	Other listed companies		
- Director		<ul style="list-style-type: none"> Master of Science (Business Administration), Thammasat University Bachelor of Arts, Faculty of Arts, Chulalongkorn University 	(10,000 shares)		2016 - Present	<ul style="list-style-type: none"> Chairman of the Audit Committee 	<ul style="list-style-type: none"> Osotspa Public Company Limited
- Member of the Risk Management Committee					2016 - Present	<ul style="list-style-type: none"> Independent Director 	<ul style="list-style-type: none"> Osotspa Public Company Limited
Begin Date		Training of Thai Institute of Directors Association			2011 - 2015	<ul style="list-style-type: none"> Executive Vice President, Finance and Accounting Group 	<ul style="list-style-type: none"> PTT Exploration and Production Public Company Limited
February 1, 2018		<ul style="list-style-type: none"> Ethical Leadership Program (ELP) 11/2018 Risk Management Program for Corporate Leaders Class (RCL) 13/2018 Board Matters and Trends (BMT) 6/2018 Role of Chairman Program (RCP) 36/2015 Advanced Audit Committee Programs (AACP) 7/2012 Director Certification Program (DCP) 113/2009 			Other companies		
					Apr 2018 - Present	<ul style="list-style-type: none"> Chairman of the Audit Committee 	<ul style="list-style-type: none"> Ritta Holdings Company Limited
					Mar 2018 - Present	<ul style="list-style-type: none"> Independent Director 	<ul style="list-style-type: none"> Ritta Holdings Company Limited
					Other organizations		
					May 2018 - Present	<ul style="list-style-type: none"> Chairman of the Sub-committee for Finance and Accounting 	<ul style="list-style-type: none"> State Railway of Thailand
					Apr 2018 - Present	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> State Railway of Thailand

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> Director Accreditation Program (DAP) 75/2008 			2017 - Present	<ul style="list-style-type: none"> Advisory Committee for Fund Raising and Listed Company Oversight 	<ul style="list-style-type: none"> The Securities and Exchange Commission (SEC)
		Other Trainings			2016 – Dec 2018	<ul style="list-style-type: none"> Sub-committee for Finance and Budgeting Improvement 	<ul style="list-style-type: none"> Office of The Public Sector Development Commission (OPDC)
		<ul style="list-style-type: none"> The Executive Program in Energy Literacy for a Sustainable Future TEA (Class 6), Thailand Energy Academy (TEA) Bhumipalung Phandin for Top Executives (Class 3), Chulalongkorn University Senior Executive Program no.77 (SEP 77), London Business School (LBS) Capital Market Academy Leadership (CMA 4), Capital Market Academy (CMA) 					

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Chansin Treenuchagron	58	Education	None	none	Other listed companies		
- Director		<ul style="list-style-type: none"> Master Degree of Economic, Chulalongkorn University Bachelor Degree of Economic, Thammasat University 			Aug 2018 - Present	<ul style="list-style-type: none"> President and Chief Executive Officer 	<ul style="list-style-type: none"> PTT Public Company Limited
Begin Date		Training of Thai Institute of Directors Association			Aug 2018 - Present	<ul style="list-style-type: none"> Director and Secretary of the Board of Directors 	<ul style="list-style-type: none"> PTT Public Company Limited
September 1, 2018		<ul style="list-style-type: none"> Chartered Director Class (CDC) 10/2015 Director Accreditation Program (DAP) 93/2011 Financial Statements for Directors (FSD) 12/2011 Director Certification Program (DCP) 85/2007 			Aug 2018 - Present	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> IRPC Public Company Limited
		Other Trainings			Jan - Aug 2018	<ul style="list-style-type: none"> Chief Technology and Engineering Officer 	<ul style="list-style-type: none"> PTT Public Company Limited
		<ul style="list-style-type: none"> The Executive Program in Energy Literacy for a Sustainable Future (Class 7/2015), Thailand Energy Academy (TEA) Diploma, The National Defence Course (Class 57/2014), National Defence College 			2017 – Aug 2018	<ul style="list-style-type: none"> Director, Member of the Risk Management Committee, and Member of the Nomination and Remuneration Committee 	<ul style="list-style-type: none"> Global Power Synergy Public Company Limited
					2015 - Aug 2018	<ul style="list-style-type: none"> Director and Member of the Risk Management Committee 	<ul style="list-style-type: none"> IRPC Public Company Limited
					Oct - Dec 2017	<ul style="list-style-type: none"> Chief Operation Officer, Infrastructure and Sustainability Management Business Group 	<ul style="list-style-type: none"> PTT Public Company Limited

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					2016 - 2017	<ul style="list-style-type: none"> Senior Executive Vice President, Downstream Business Group Alignment 	<ul style="list-style-type: none"> PTT Public Company Limited
					Oct - Dec 2015	<ul style="list-style-type: none"> Senior Executive Vice President, Petrochemicals & Refining Business Unit 	<ul style="list-style-type: none"> PTT Public Company Limited
					Apr - Oct 2015	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Thaioil Public Company Limited
					2014 - 2015	<ul style="list-style-type: none"> Senior Executive Vice President, Corporate Strategy 	<ul style="list-style-type: none"> PTT Public Company Limited
					2013 - 2014	<ul style="list-style-type: none"> Executive Vice President, PTT, working on a secondment as Senior Executive Vice President, Corporate Commercial and Marketing 	<ul style="list-style-type: none"> IRPC Public Company Limited
					2012 – 2014	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> UBE Chemical (Asia) Public Company Limited

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					2011 - 2013	● Executive Vice President, PTT, working on a secondment as Senior Executive Vice President, Port & Asset Management Business nit	● IRPC Public Company Limited
					Other companies		
					2017 - Aug 2018	● Chairman	● PTT Digital Solutions Company Limited
					Apr - Dec 2017	● Chairman	● PTT Asahi Chemical Company Limited
					2015 – 2017	● Chairman	● PTT Polymer Marketing Company Limited
					2015 – 2017	● Chairman	● PTT Polymer Logistics Company Limited
					2014 – 2015	● Chairman	● PTT Green Energy (Thailand) Company Limited
					2012 – 2015	● Director	● PTT Polymer Logistics Company Limited
					2012 – 2014	● Director	● PTT Polymer Marketing Company Limited
					2012 – 2014	● Director	● Rayong Acetylene Company Limited

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					2011 – 2014	● Director	● Technology IRPC Company Limited
					2011 – 2014	● Director	● IRPC Polyol Company Limited
					2011 – 2014	● Chairman	● Rak Pa Sak Company Limited
					Other organizations		
					Sep 2018 - Present	● Member	● PTIT Council of Trustees
					Sep 2018 - Present	● Director and Vice Chairman	● Thai Listed Companies Association
					Sep 2018 - Present	● Member of Thailand Foundation Committee	● Thailand Foundation
					Sep 2018 - Present	● Chief Advisor	● PTT Saving and Credit Cooperative, Limited
					Aug 2018 - Present	● Member of Committee	● Social Participation Committee, Princess Maha Chakri Award Foundation
					June 2018 - Present	● Board member	● Faculty of Economics, Thammasat University
					Feb 2018 - Present	● Board member	● College of Innovation, Thammasat University
					2017 - Present	● Member of Committee	● Thammasat Association

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Patchara Anuntasilpa	47	Education	None	none	Other listed companies		
- Director		<ul style="list-style-type: none"> Master Degree in Business Administration (M.B.A.), Shenandoah University, U.S.A. Bachelor Degree in Business Administration, Bangkok University 			None		
- Member of the Remuneration Committee					Other companies		
					None		
Begin Date					Other organizations		
November 1, 2018		Training of Thai Institute of Directors Association			Oct 2018 - Present	<ul style="list-style-type: none"> Director-General 	<ul style="list-style-type: none"> The Excise Department, Ministry of Finance
		<ul style="list-style-type: none"> Director Certification Program (DCP) 221/2016 			Apr 2018 - Present	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> State Railway of Thailand
		Other Trainings			2015 - Present	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> The Government Lottery Office, Ministry of Finance
		<ul style="list-style-type: none"> Capital Market Leader Program (Class 24), Capital Market Academy Financial Analysis Program, Haas School of Business, University of California at Berkeley, U.S.A. Resource management for National Defense (Class 7), Office of the Army Comptroller 			2017 - Sep 2018	<ul style="list-style-type: none"> Director-General 	<ul style="list-style-type: none"> The Treasury Department, Ministry of Finance
					2016 - 2017	<ul style="list-style-type: none"> Deputy Permanent Secretary of the Expense and Debt Cluster 	<ul style="list-style-type: none"> The Expense and Debt Cluster, Ministry of Finance
					2015 - 2016	<ul style="list-style-type: none"> Fiscal Analyst Advisory Level 	<ul style="list-style-type: none"> The Comptroller General's Department, Ministry of Finance
					Mar 2015 - Dec 2015	<ul style="list-style-type: none"> Deputy Director 	<ul style="list-style-type: none"> The Comptroller General's Department, Ministry of Finance

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> Executive Program (Additional Program) (Class 3), Office of the Civil Service Commission (OCSC) Foreign Affairs Executive Program (Class 3), Ministry of Foreign Affairs Fundamentals of Public Procurement, United Nations Development Programme: UNDP, Denmark Executive Program (Class 46), Office of the Civil Service Commission (OCSC) WTO Advanced Regional Workshop on Government Procurement for Asia and Pacific Economies, World Trade Organization: WTO, China Executive Program for Senior Management in collaboration with Kellogg School of Management, Maxwell School of Citizenship and Public Affairs, and Schulich School of Business by Fiscal Policy Research Institute Foundation 			2014 - 2015	<ul style="list-style-type: none"> Director 	<ul style="list-style-type: none"> Non Budgetary Development Division, The Comptroller General's Department

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Phongsthorn Thavisin	59	Education	0.00204	none	Listed companies		
- Director - Chief Executive Officer - Acting President, Exploration and Production		<ul style="list-style-type: none"> B.Sc. (Petroleum and Natural Gas Engineering), The Pennsylvania State University, U.S.A. 	(81,037 shares)		Oct 2018 – Present	<ul style="list-style-type: none"> Chief Executive Officer and Acting President, Exploration and Production 	<ul style="list-style-type: none"> PTT Exploration and Production Public Company Limited
Begin Date		Training of Thai Institute of Directors Association			2017 - Sep 2018	<ul style="list-style-type: none"> President, Exploration and Production and Acting Executive Vice President, Business Transformation and Organization Group 	<ul style="list-style-type: none"> PTT Exploration and Production Public Company Limited
October 1, 2018		<ul style="list-style-type: none"> Director Certification Program (DCP) 223/2016 			2016 - 2017	<ul style="list-style-type: none"> Chief Operating Officer, Production Asset and Operations Support Group and acting Executive Vice President, Operations Support Group 	<ul style="list-style-type: none"> PTT Exploration and Production Public Company Limited
		Other Trainings					
		<ul style="list-style-type: none"> Energy Literacy for a Sustainable Future (Class 7), Thailand Energy Academy Capital Market Leader Program (Class 24), Capital Market Academy Senior Executive Program (SEP-19), Sasin Graduate Institute of Business Administration of Chulalongkorn University Advanced Naval Studies Program (Class 40/2008), Institute of Advanced Naval Studies 					

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> ● PTT Group EVP Leadership Development ● PTT Executive Leadership, General Electric, GE, New York, U.S.A. ● Breakthrough Program for Senior Executive, IMD ● The National Defense Course (2013 - 2014), Thai National Defense College 			Jan - Dec 2015	<ul style="list-style-type: none"> ● Executive Vice President, Technology and Sustainability Development Group 	<ul style="list-style-type: none"> ● PTT Exploration and Production Public Company Limited
					2012 - 2014	<ul style="list-style-type: none"> ● Executive Vice President, Engineering and Development Group 	<ul style="list-style-type: none"> ● PTT Exploration and Production Public Company Limited
					Other companies		
					None		
					Other organizations		
					None		

Director who retired in year 2018

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Tevin Vongvanich	60	Education	0.00369	None	Other listed companies		
Ex-Director (information as of last date of directorship on August 30, 2018)		<ul style="list-style-type: none"> Honorary Doctorate of Engineering, Chulalongkorn University Honorary Doctorate of Philosophy, Civil Engineering Department, Faculty of Industry and Technology, Rajamangala University of Technology Isan M.Sc. (Petroleum Engineering), University of Houston, U.S.A. M.Sc. (Chemical Engineering), Rice University, U.S.A. B.E. (Chemical Engineering), Chulalongkorn University 	(146,543 shares)		2015 - Aug 2018	<ul style="list-style-type: none"> Director and President and Chief Executive Officer 	<ul style="list-style-type: none"> PTT Public Company Limited
					2015 - Aug 2018	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> IRPC Public Company Limited
					2014 - 2015	<ul style="list-style-type: none"> Chairman and Independent Director 	<ul style="list-style-type: none"> MCOT Public Company Limited
					2012 - 2015	<ul style="list-style-type: none"> President and Chief Executive Officer 	<ul style="list-style-type: none"> PTT Exploration and Production Public Company Limited
					Other companies		
					None		
					Other organizations		
					Jan 2018 - Present	<ul style="list-style-type: none"> Chairman 	<ul style="list-style-type: none"> Vidyasirimedhi Institute of Science and Technology (MISTEC)
					2017 - Present	<ul style="list-style-type: none"> Member 	<ul style="list-style-type: none"> National Reform for Thailand 4.0 Policy Steering Committee
					2017 - Present	<ul style="list-style-type: none"> Board Member 	<ul style="list-style-type: none"> National Reform Committee in Economics, National Reform Committee
		Training of Thai Institute of Directors Association					
		<ul style="list-style-type: none"> Ethical Leadership Program (ELP) 7/2017 Anti-Corruption: Leadership Role of the Board 					

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> ● Anti-Corruption for Executive Program (ACEP) 15/2015 ● Director Certification Program (DCP) 21/2002 ● Financial Statements for Directors (FSD) 6/2009 ● Role of the Compensation Committee (RCC) 13/2011 			2017 – Present	● Advisor	● Chulalongkorn University Alumni Association under the Patronage of His Majesty the King
		Other Trainings			2016 - Present	● Honorary Board Member	● Integrated Provincial and Provincial Clusters Administrative Policy Committee (OPDC)
		<ul style="list-style-type: none"> ● Senior Executive Program (S.E.P. 7), Sasin Graduate Institution of Business Administration of Chulalongkorn University ● Program for Global Leadership (PGL), Harvard Business School, U.S.A. ● Advanced Certificate Course in Politics and Governance in Democratic System for Executives (Class 10), Political and Governance College, King Prajadhipok's Institute 			2016 - Present	● Honorary Board Member	● Office of the Public Sector Development Commission (OPDC)
					2016 - Present	● Chairman, Public Sector Development on Financial and Budgetary System Enhancement Sub-committee	● Office of the Public Sector Development Commission (OPDC)
					2015 - Present	● Chairman, Information and Public Communication Management Sub-committee	● National Committee on Competitive Advantage (NCC)

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> Capital Market Academy Leadership Program (Class 6), Capital Market Academy The Joint State - Private Sector Course (Class 2552), National Defence College Energy Literacy for a Sustainable Future (Class 3), Thailand Energy Academy 			2014 - Present 2014 - Present 2014 - Present 2013 - Aug 2018 2015 - 2017 2014 - 2016	<ul style="list-style-type: none"> Honorary Board Member Chairman Board of Trustees Honorary Board Member Chairman Advisor 	<ul style="list-style-type: none"> National Committee on Competitive Advantage (NCC) TMA Center for Competitiveness Thailand Management Association Thailand Management Association (TMA) National Science and Technology Development Agency Chulalongkorn University Alumni Association under the Patronage of His Majesty the King The Board of Investment of Thailand

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Kulit Sombatsiri	55	Education	None	None	Other listed companies		
Ex-Director (information as of last date of directorship on September 9, 2018)		<ul style="list-style-type: none">● Master of Business Administration, University of Southern California, U.S.A.● Master of Public Administration, San Diego State University, U.S.A.● B.A. Political Science, Ramkhamhaeng University, Thailand			None		
					Other companies		
					None		
					Other organizations		
					Apr 2018 - Present	<ul style="list-style-type: none">● Chairman	<ul style="list-style-type: none">● State Railway of Thailand
					2015 - Present	<ul style="list-style-type: none">● Director General	<ul style="list-style-type: none">● The Customs Department, Ministry of Finance
					2015 - Present	<ul style="list-style-type: none">● Chairman of the Board of Directors	<ul style="list-style-type: none">● Government Saving Bank
					2015 - 2016	<ul style="list-style-type: none">● Director	<ul style="list-style-type: none">● The Govemment Lottery Office, Ministry of Finance
					2014 - 2015	<ul style="list-style-type: none">● Director General	<ul style="list-style-type: none">● State Enterprise Policy Office (SEPO), Ministry of Finance
					2011 - 2014	<ul style="list-style-type: none">● Inspector General	<ul style="list-style-type: none">● Ministry of Finance

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> Capital Market Academy Leadership Program (Class 10), Capital Market Academy The Civil Service Executive Program for Senior Civil Servants (Class 40), Office of the Civil Service Commission The National Defence Course (Class 54), National Defence College 					

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Somporn Vongvuthipornchai	60	Education	Self:	None	Other listed companies		
Ex-Director (information as of last date of directorship on September 29, 2018)		<ul style="list-style-type: none">Ph.D. (Petroleum Engineering), University of Tulsa, Oklahoma, U.S.A.	0.00664 (263,677 shares)		2017 – Sep 2018	<ul style="list-style-type: none">Chief Executive Officer	<ul style="list-style-type: none">PTT Exploration and Production Public Company Limited
		<ul style="list-style-type: none">Master of Sciences (Petroleum Engineering), University of Tulsa, Oklahoma, U.S.A.	Spouse:		2015 – Sep 2018	<ul style="list-style-type: none">Senior Executive Vice President, working on secondment as Chief Executive Officer of PTT Exploration and Production Public Company Limited	<ul style="list-style-type: none">PTT Public Company Limited
		<ul style="list-style-type: none">Bachelor of Sciences (Petroleum Engineering), University of Tulsa, Oklahoma, U.S.A.	0.00009 (3,500 shares)				
		Training of Thai Institute of Directors Association	Total:		2015 - 2017	<ul style="list-style-type: none">Chief Executive Officer	<ul style="list-style-type: none">PTT Exploration and Production Public Company Limited
		<ul style="list-style-type: none">Anti-Corruption: Leadership Role of the BoardDirectors Certification Program (DCP) 224/2016	0.00673 (267,177 shares)		Jan - Oct 2015	<ul style="list-style-type: none">Executive Vice President, Strategy and Business Development Group	<ul style="list-style-type: none">PTT Exploration and Production Public Company Limited
		Other Trainings			2010 - 2014	<ul style="list-style-type: none">Executive Vice President, International Asset Group	<ul style="list-style-type: none">PTT Exploration and Production Public Company Limited
		<ul style="list-style-type: none">Anti-Corruption Strategic Management Course for Senior Executive (Class 6), Sanya Dharmasakti Anti-Corruption Institute (SDI), Office of the National Anti-Corruption Commission (NACC)			Other companies		
		2017 – Dec 2017	<ul style="list-style-type: none">Director	<ul style="list-style-type: none">PTT Global LNG Company Limited			

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> Advanced Management Program 2006 (Executive Education Program), Harvard Business School, U.S.A. Energy Literacy for a Sustainable Future (Class 2), Thailand Energy Academy GE Energy Customer Executive Leadership Program (2012), GE Global Learning, Crotonville, U.S.A. Leadership Development Program III (2013), PTT Leading and Learning Institute (PLLI) 			2014 - 2015	● Director	● PTT FLNG Limited
					2012 - 2015	● Director	● PTTEP FLNG Holding Company Limited
					2008 - 2015	● Director	● PTTEP Southwest Vietnam Company Limited
					2008 - 2015	● Director	● PTTEP Hoan-Vu Company Limited
					2007 - 2015	● Director	● PTTEP Africa Investment Limited
					Other organizations		
					2017 - Present	● VISTEC Council Committee member	● Vidyasirimedhi Institute (VISTEC)
					2015 - Present	● Director	● Thai Listed Companies Association
					2016 - Sep 2018	● Director	● PIN & PLearning Foundation
					2015 - Sep 2018	● Director	● Thailand Energy Academy
					2014 - 2015	● Director	● Thai-Myanmar Association for Friendship

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
Mr. Ampon Kittiampon	63	Education	None	None	Other listed companies		
Ex-Director (information as of last date of directorship on September 30, 2018)		<ul style="list-style-type: none">● Ph.D. Applied Economics Clemson University, South Carolina, U.S.A.● M.S. Economics Northeastern University, Boston, U.S.A.● B.A. Social Sciences, Kasetsart University			2009 - 2014	<ul style="list-style-type: none">● Chairman	<ul style="list-style-type: none">● Thai Airways International Public Company Limited
					Mar - Jul 2014	<ul style="list-style-type: none">● Independent Director	<ul style="list-style-type: none">● Thai Airways International Public Company Limited
		Other companies					
		2013 - 2014			<ul style="list-style-type: none">● Chairman	<ul style="list-style-type: none">● Thai Smile Airways Company Limited	
		Other organizations					
		Jan 2018 - Present			<ul style="list-style-type: none">● Sub-committee Member	<ul style="list-style-type: none">● State Enterprise Director's Screening Sub-committee, State Enterprise Policy Office (SEPO)	
		2017 - Present			<ul style="list-style-type: none">● Chairman and Ex officio Member of the National Strategy Committee	<ul style="list-style-type: none">● The National Economic and Social Development Board (NESDB)	
2017 - Present 2016 - Present		<ul style="list-style-type: none">● Director● Honorary Board Member in Economics, Public Sector Development Commission			<ul style="list-style-type: none">● Prime Minister Delivery Unit● Office of the Public Sector Development Commission (OPDC)		

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
		<ul style="list-style-type: none"> ● Innovation for Economic Development (IFED), Harvard Kennedy School, U.S.A. ● Senior Executive Program on Industrial Business Development and Investment (Class 1), Institute of Business and Industrial Development 			2016 - Present	<ul style="list-style-type: none"> ● Commission Member by Expertise (Economics) 	<ul style="list-style-type: none"> ● Office of Insurance Commission
					2016 - Present	<ul style="list-style-type: none"> ● Advisor to Prime Minister, Honorary Member of The Secretariat of the Cabinet 	<ul style="list-style-type: none"> ● The Prime Minister's Office
					2014 - Present	<ul style="list-style-type: none"> ● Chairman of the Risk Oversight Committee 	<ul style="list-style-type: none"> ● The Bank of Thailand
					2014 - Present	<ul style="list-style-type: none"> ● Member 	<ul style="list-style-type: none"> ● The National Legislative Assembly
					2012 - Present	<ul style="list-style-type: none"> ● Committee 	<ul style="list-style-type: none"> ● The Council of Chulalongkorn University
					2012 - Present	<ul style="list-style-type: none"> ● Property Management Office 	<ul style="list-style-type: none"> ● Chulalongkorn University
					2012 - Present	<ul style="list-style-type: none"> ● Chairman of the Board of Directors 	<ul style="list-style-type: none"> ● Highland Research and Development Institute (Public Organization)
					2011 - Present	<ul style="list-style-type: none"> ● Honorary Committee 	<ul style="list-style-type: none"> ● The Council of Walailak University
					2011 - Present	<ul style="list-style-type: none"> ● Civil Service Commissioner 	<ul style="list-style-type: none"> ● The Office of the Civil Service Commission (OCSC)

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working experiences in the 5 preceding years		
					Period	Position	Function/Company/Type of Business
					2010 - Present	● Board Member	● His Royal Highness Crown Prince Maha Vajiralongkorn Scholarship Foundation
					2010 - Present	● President	● Research and Development Institute of Sufficiency Economy Philosophy Foundation
					2008 - Present	● Chairman	● State Resources Preparation
					2006 - Present	● Member	● The Office of the Council of State
					2013 – Aug 2018	● Chairman	● The Bank of Thailand
					2013 - 2017	● Board Member	● The National Economic and Social Development Board (NESDB)
					2013 - 2016	● Honorary Board Member	● National Science and Technology Development Agency
					2010 - 2016	● Secretary General	● The Cabinet
					2011 - 2015	● The Expert Judicial Administration Commissioner	● The Office of Judiciary
					2004 - 2013	● Board Member	● The Bank of Thailand
					2004 - 2013	● Member	● Monetary Policy Committee, Bank of Thailand

Criminal offense record during the past 10 years

- | | |
|---|----|
| a) Being adjudged of convicting a crime or being on trial for convicting a crime | No |
| b) Being adjudged bankrupt or a receiver is appointed | No |
| c) Being a management in the company or partnership which is adjudged bankrupt or a receiver is appointed | No |

Remarks: The name and number(s) of the authorized directors who may sign to bind the Company from November 6, 2018 are Mr. Wirat Uanarumit, Mr. Twarath Sutabutr, and Mr. Pitipan Teparimargorn. Two of the above three directors can sign jointly and affix the Company's seal, or Mr. Phongsthorn Thavisin, the President, can sign singly.

2. Management

2.1 As of January 1, 2019, PTTEP management team had 19 personnel as defined by the Capital Market Supervisory Board. Details are shown below.

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Phongsthorn Thavisin President and Chief Executive Officer	Please see part 1 for details						
Mr. Montri Rawanchaikul Executive Vice President, Strategy and Business Development Group	54	M.Sc. (Exploration Geophysics), University of New South Wales, Australia B.Sc (Physics), Chiang Mai University	0.00049 (19,550 shares)	None	Oct. 2017 – Present	● Executive Vice President, Strategy and Business Development Group	PTTEP
					Aug. – Dec. 2018	● Project Champion, Spend Smart	PTTEP
					Nov. 2017 – Sep. 2018	● Acting Senior Vice President, New Business Unit	PTTEP
					Oct. 2016 – Sep. 2017	● Acting Executive Vice President, Strategy and Business Development Group	PTTEP
					Sep. – Oct. 2016	● Senior Vice President, International Asset	PTTEP
					Jul. – Aug. 2016	● Senior Vice President, attached to Production Asset and Operations Support Group	PTTEP
					Jul. 2013 – Jul. 2016	● Senior Vice President, Australia Asset, seconded as General Manager, Australia Asset, PTTEP Australasia, Australia	PTTEP
					Nov. 2009 – Jun. 2013	● Vice President, Oman Asset, seconded as General Manager, Oman Asset, PTTEP Oman, Oman	PTTEP

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Vuthiphon Thuampoomngam Chief Operating Officer, Production Asset and Supply Chain Management Group	58	M.E. (Chemical Engineering), Chulalongkorn University B.Sc. (Material Science), Chulalongkorn University	0.00148 (58,889 shares)	None	Jan. 2019 - Present	● Chief Operating Officer, Production Asset and Supply Chain Management Group	PTTEP
					Oct. - Dec. 2018	● Executive Vice President, Production Asset Group	PTTEP
					Oct. 2018	● Acting Senior Vice President, International Asset	PTTEP
					Aug. – Sep. 2018	● Executive Vice President, Engineering and Development Group and Acting Senior Vice President, Development Project Division	PTTEP
					Jan. – Jul. 2018	● Executive Vice President, Engineering and Development Group	PTTEP
					Jan. 2015 – Dec. 2017 Apr. 2013 – Dec. 2014	● Senior Vice President, Thai Offshore Asset ● Senior Vice President, Arthit Asset	PTTEP PTTEP
Mr. Kanok Intharawijitr Executive Vice President, Geosciences, Subsurface and Exploration Group	57	B.Sc. (Geology), Chiangmai University	0.00101 (40,231 shares)	None	Oct. 2018 - Present	● Executive Vice President, Geosciences, Subsurface and Exploration Group	PTTEP
					Jul. - Sep. 2018	● Acting Executive Vice President, Geosciences and Exploration Group	PTTEP
					Jan. 2016 - Jun. 2018	● Senior Vice President, Geosciences and Technology Division	PTTEP
					Nov. 2014 - Dec. 2015	● Senior Vice President, Exploration Project Division	PTTEP
					Oct. 2011 - Oct. 2014	● Senior Vice President, Myanmar Asset, seconded as General Manager, PTTEP International Limited, Union of Myanmar	PTTEP

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Chayong Borisuitsawat Executive Vice President, Business and Organization Transformation Group	51	B.E. (Petroleum), Chulalongkorn University	0.00139 (55,096 shares)	None	Nov. 2018 - Present	<ul style="list-style-type: none"> Executive Vice President, Business and Organization Transformation Group 	PTTEP
					Oct. 2018	<ul style="list-style-type: none"> Executive Vice President, Operations Support Group 	PTTEP
					Nov. 2017 - Sep. 2018	<ul style="list-style-type: none"> Acting Executive Vice President, Operations Support Group 	PTTEP
					Jul. 2016 - Oct. 2018	<ul style="list-style-type: none"> Senior Vice President, assigned as Project Champion, SPEND SMART Project 	PTTEP
					2015 - Aug. 2016	<ul style="list-style-type: none"> Senior Vice President, Thai Onshore Asset 	PTTEP
					Nov. - Dec. 2014	<ul style="list-style-type: none"> Senior Vice President, Safety, Security, Health and Environment Division 	PTTEP
Mr. Sumrid Sumneing Executive Vice President, Finance and Accounting Group	54	M.BA (Business Administration), Kasetsart University B.Sc. (Accounting), Thammasart University	0.00006 (2,500 shares)	None	Nov. 2013 - Oct. 2014	<ul style="list-style-type: none"> Acting Senior Vice President, Safety, Security, Health and Environment Division 	PTTEP
					Jan. 2019 - Present	<ul style="list-style-type: none"> Executive Vice President, Finance and Accounting Group 	PTTEP
					2016 - 2018	<ul style="list-style-type: none"> Executive Vice President, Group Corporate Finance and Strategy 	PTT
					2014 - 2015	<ul style="list-style-type: none"> Vice President, Financial Strategy and Policy 	PTT
					2011 - 2014	<ul style="list-style-type: none"> Vice President, Financial Strategy & Policy 	PTT

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Chatchawal Eimsiri Executive Vice President, seconded to PTT Natural Gas Distribution Company Limited (PTT NGD)	59	M.Sc. (Operation Research), London School of Economics and Political Science, University of London, United Kingdom B. Sc. (Mathematics), Imperial Collage of Science and Technology University of London IOD: DCP 91 (2007)	0.00101 (40,078 shares)	None	Feb. 2015 - Present	● Executive Vice President, seconded as President, PTT Natural Gas Distribution Company Limited	PTT NGD
					Aug. 2014 - Jan. 2015	● Executive Vice President, attached to President and Chief Executive Officer	PTTEP
					2011 - Jul. 2014	● Executive Vice President, seconded to PTT Public Company Limited	PTT
Mrs. Suchitra Suwansinpan Executive Vice President, seconded to PTT Global LNG Company Limited	58	M.E. (Energy Technology), Asian Institute of Technology B.E. (Chemical), King Mongkut Institute of Technology Thonburi	Self: 0.00268 (106,465 shares) Spouse/ Cohabiting Couple: 0.00001 (300 shares) Total: 0.00269 (106,765 shares)	None	Oct. 2016 - Present	● Executive Vice President, seconded as Managing Director, PTT Global LNG	PTT Global LNG
					Dec. 2015 - Oct. 2016	● Executive Vice President, Strategy and Business Development Group	PTTEP
					2011 - Nov. 2015	● Senior Vice President, Corporate Strategy Division	PTTEP
Mr. Yongyos Krongphanich Executive Vice President, seconded as Executive Vice President, Group Corporate Finance and Strategy at PTT	58	M.Sc. (Accounting), Thammasat University B.Sc. (Accounting), Chulalongkorn University	0.00268 (106,445 shares)	None	Jan. 2019 - Present	● Executive Vice President, seconded as Executive Vice President, Group Corporate Finance and Strategy at PTT	PTT
					Oct. - Dec. 2018	● Executive Vice President, Finance and Accounting Group	PTTEP
					Oct. - Dec. 2018	● Acting Senior Vice President, Finance Division	PTTEP
					Jul. 2014 - Sep. 2018	● Senior Vice President, Finance Division	PTTEP
					Jan. 2013 - Jun. 2014	● Senior Vice President, Finance and Strategic Information Technology Division	PTTEP

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Suksant Ongvises Acting Executive Vice President, Engineering, Development and Operations Group	54	B.E. (Chemical), University of Newcastle, Australia	0.00070 (27,681 shares)	None	Oct. 2018 - Present	● Acting Executive Vice President, Engineering, Development and Operations Group	PTTEP
					Mar. 2017 - Oct. 2018	● Senior Vice President, Engineering and Construction Division	PTTEP
					Apr. - Sep. 2018	● Acting Vice President, M3 Development Project	PTTEP
					Jul. 2016 - Feb. 2017	● Acting Senior Vice President, Engineering and Construction Division	PTTEP
					Jan. 2015 - Jun. 2016	● Vice President, Algeria Development Project	PTTEP
					Feb. 2010 - Dec. 2014	● Vice President, Myanmar Construction Project	PTTEP
Ms. Natruedee Khositaphai Acting Executive Vice President, Corporate Affairs and Assurance Group	53	M.BA (Business Administration), Sasin Graduate Institute of Business Administration Chulalongkorn University B.E. (Petroleum), Chulalongkorn University	Self: 0.00271 (107,457 shares) Spouse/ Cohabiting Couple: 0.00025 (10,000 shares) Total: 0.00296 (117,457 shares)	None	Oct. 2018 - Present	● Acting Executive Vice President, Corporate Affairs and Assurance Group	PTTEP
					Oct. - Dec. 2018	● Acting Senior vice President, Corporate Communications and Public Affairs Division	PTTEP
					Nov. 2017 - Sep. 2018	● Senior vice President, International Asset	PTTEP
					Jul. - Nov. 2017	● Acting Senior vice President, International Asset	PTTEP
					May 2016 - Jun. 2017	● Vice President, assigned as Project Manager, SAVE to be SAFE Project	PTTEP
					Jan. 2015 - Apr. 2016	● Vice President, Strategic Planning Department	PTTEP
					Feb. - Dec. 2014	● Vice President, International Asset Planning Department	PTTEP
					Jun. 2011 - Jan. 2014	● Vice President, Myanmar JV Asset	PTTEP

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Ms. Jaroonsri Wankertphon Senior Vice President, Accounting Division	53	M.Sc. (Financial Accounting), Thammasat University B. BA. (Business Administration) (2 nd Class Honours), Chulalongkorn University IOD: DCP 220 (2016)	0.00184 (73,228 share)	None	Jul. 2016 - Present	● Senior Vice President, Accounting Division	PTTEP
					Oct. - Dec. 2018	● Acting Vice President, Financial Accounting Department	PTTEP
					Jul. - Sep. 2018	● Acting Vice President, Accounting Policy and Solution Department	PTTEP
					Oct. 2015 - Jun. 2016	● Acting Senior Vice President, Accounting Division	PTTEP
					Jul. 2014 - Jun. 2016	● Vice President, Accounting Policy and Solutions Department	PTTEP
					Jul. 2013 - Jun. 2014	● Vice President, Managerial and Accounting Department	PTTEP
Mrs. Chanamas Sasnanand Senior Vice President, Finance Division	49	M.B.A. (Business Administration), University of South Carolina, U.S.A. B. BA. (Business Administration), Chulalongkorn University	0.00114 (45,411 shares)	None	Jan. 2019 - Present	● Senior Vice President, Finance Division	PTTEP
					Apr. - Dec. 2018	● Senior Vice President, Internal Audit Division	PTTEP
					Jan. - Apr. 2018	● Acting Senior Vice President, Internal Audit Division	PTTEP
					Jul. 2014 - Dec. 2017	● Vice President, Capital and Investor Relations Department	PTTEP
					2010 - Jun. 2014	● Vice President, Finance Department	PTTEP
Mrs. Netrsuda Pokkasorn Vice President, Insurance Department	53	M.Sc. (Economics), University of Missouri, U.S.A. B.Sc.(Economics) Chulalongkorn University	0.00217 (86,005 shares)	None	Aug. 2017 - Present	● Vice President, Insurance Department	PTTEP
					Jan. 2011 - Jul. 2017	● Manager, Insurance	PTTEP

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Anutra Bunnag Vice President, attached to Finance Division, assigned as Managing Director, PTTEP Treasury Center Company Limited	55	M.Sc. (Finance), University of Massachusetts, U.S.A. B.Sc. (Chemistry), University of Bradford	None	None	May 2017 - Present	● Vice President, attached to Finance Division, assigned as Managing Director, PTTEP Treasury Center Company Limited	PTTEP Treasury Center
					Oct. 2016 - Apr. 2017 2011 - Sep. 2016	● Vice President, Treasury Department ● Vice President, seconded as Vice President, Corporate Administration and Finance Department, Energy Complex (EnCo)	PTTEP Energy Complex (EnCo)
Mr. Sermak Satchawannakul Vice President, Financial Accounting Department and Acting Vice President, Office Facility Management Department	50	M.Sc. (Business Administration), Thammasat University B.Sc. (Accounting), Thammasat University	0.00114 (45,215 shares)	None	Jan. 2019 - Present	● Vice President, Financial Accounting Department	PTTEP
					Jan. 2019 - Present	● Acting Vice President, Office Facility Management Department	PTTEP
					Jul. 2015 - Dec. 2018	● Vice President, Myanmar Business Support Department, seconded as Myanmar Business Support Manager, PTTEP International Limited, Union of Myanmar	PTTEP
					Feb. 2014 - Jun. 2015	● Vice President, IT and Information Management Department	PTTEP
Ms. Kanchanan Panananda Vice President, Capital and Investor Relations Department	48	M.Sc. (Business Administration), Thammasat University B.Sc. (Accounting), Thammasat University	0.00143 (56,604 shares)	None	Jan. 2017 - Present	● Vice President, Capital and Investor Relations Department	PTTEP
					Apr. 2015 - Dec. 2016	● Vice President, Managerial Accounting Department	PTTEP
					Jan. 2014 - Mar. 2015	● Manager, Accounting Policy	PTTEP
					Jan. 2010 - Dec. 2013	● Manager, seconded as Finance Manager, Indonesia Asset, Indonesia	PTTEP

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Mrs. Maneeya risukhumbowornchai Vice President, Tax Department and Acting Vice Presidnet, Accounting Policy and Solutions Department	44	B.Sc. (Accounting) Chulalongkorn University M.Sc. (Business Administration), Thammasat University	None	None	May 2015 – Present	● Vice President, Tax Department	PTTEP
					Oct.2018-Present	● Acting Vice Presidnet, Accounting Policy and Solutions Department	PTTEP
					Jan.2014 – Apr. 2015	● Manager, Tax Compliance	PTTEP
Ms. Pratamaporn Deesrinthum Vice President, Managerial Accounting Department	46	M.Sc. (Business Administration), Thammasat University B.Sc. (Accounting), Chulalongkorn University	0.00134 (53,249 shares)	None	Apr. 2018 - Present	● Vice President, Managerial Accounting Department	PTTEP
					Jan. - Apr. 2018	● Acting Vice President, Managerial Accounting Department	PTTEP
					Jun. - Dec. 2017	● Senior Accountant, Thai Offshore Asset	PTTEP
					Apr. 2016 - May 2017	● Senior Accountant, assigned as Finance and Accounting Manager PTTEP Australasia, Australia	PTTEP
					Jan. - Jun. 2016	● Senior Accountant	PTTEP
					Jul. 2013 - 2015	● Manager, Group Accounting Section	PTTEP

2.2 As of January 1, 2019, PTTEP management who retired or rotated or resign during the Year 2018 had 9 personnel as defined by the Capital Market Supervisory Board. Details are shown below.

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the Past 5 Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Somporn Vongvuthipornchai	60	Please see part 1 for details					
Mrs. Pranot Tirasai	60	LL.B (Laws), Thammasat University IOD: DCPU 5 (2015) CSP (2014) DCP 185 (2014)	0.00437 (173,657 shares)	None	Jan. 2019 - Present	● Secretary to the Board of Directors	PTTEP
					Oct. - Dec. 2018	● Executive Vice President, assigned as Secretary to the Board of Directors	PTTEP
					Jan. 2017 - Sep. 2018	● Executive Vice President, Corporate Affairs and Assurance Group	PTTEP
					Jan. 2017 - Present	● Acting Senior Vice President, Corporate Secretary Division	PTTEP
					Oct. 2013 - Dec. 2016	● Senior Vice President, Corporate Secretary Division	PTTEP
					Apr. 2010 - Sep. 2013	● Senior Vice President, Legal Division	PTTEP
Mr. Waranon Laprabang	60	B.Sc. (Geology), Chiang Mai University	0.00278 (110,521 shares)	None	Oct. - Dec. 2018	● Senior Advisor	PTTEP
					Nov. 2017 - Sep. 2018	● Acting Executive Vice President, Production Asset Group	PTTEP
					Sep. 2016 - Dec. 2017	● Senior Vice President, Thai Onshore Asset	PTTEP
					Nov. 2014 - Aug. 2016	● Senior Vice President, Myanmar Asset, seconded as General Manager, PTTEP International Limited, Union of Myanmar	PTTEP
					Apr. 2013 - Oct. 2014	● Senior Vice President, Exploration and New Venture Division	PTTEP
					Feb. 2011 - Mar. 2013	● Senior Vice President, Arthit Asset	PTTEP

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the Past 5 Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Prapat Soponpongpiat	60	M.Sc. (Geology), New Mexico, Institute of Mining and Technology, U.S.A.	0.00178 (70,589 shares)	None	Jan. 2016 - Jun. 2018	● Executive Vice President, Geosciences and Exploration Group	PTTEP
					Jan. - Dec. 2015	● Senior Vice President, Geosciences and Technology Division	PTTEP
					Oct. 2011 - Dec. 2014	● Senior Vice President, International Asset	PTTEP
Mr. Thiti Mekavichai	57	B.Sc. (Geography), Srinakharinwirot (Prasarnmitr) University	0.00241 (95,843 shares)	None	Sep. 2012 - Sep. 2018	● Executive Vice President, Human Resources and Business Services Group	PTTEP
					2011 - Aug. 2012	● Senior Vice President, Human Resources Division	PTTEP
Ms. Pannalin Mahawongtikul	54	M.Sc. (Business Administration), Thammasat University	0.00092 (36,587 shares)	None	Oct. 2018 - Present	● Chief Financial Officer	PTT
					Jan. 2016 - Sep. 2018	● Executive Vice President, Finance and Accounting Group	PTTEP
					2014 - 2015 2012 - 2014	● Executive Vice President, Corporate Finance ● Vice President, Strategy and Financial Policy	PTT PTT
Mrs. Sirirat Sararattanakul	57	M.Sc. (Accounting), Thammasat University	0.00565 (224,139 shares)	None	Oct. 2018	● Vice President, attached to Finance and Accounting Group	PTTEP
					Jan. 2014 - Sep. 2018	● Vice President, Financial Accounting Department	PTTEP
					2008 - 2013	● Vice President, Office Facility Management Department	PTTEP

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the Past 5 Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Sakchai Sarawek	49	M.Sc. (Accounting Information System), Chulalongkorn University B.Sc. (Accounting), Thammasart University	Self: 0.00081 (32,012 shares) Spouse/ Cohabiting Couple: 0.00010 (4,000 shares) Total: 0.11191 (36,012 shares)	None	Jul. 2018 - Present	● Vice President, assigned as Senior Manager Support Division, CPOC, Malaysia	PTTEP
					Jul. 2016 - Jun. 2018	● Vice President, Accounting Policy and Solutions Department	PTTEP
					Jan. 2009 - Jun. 2016	● Vice President, attached to Australia Asset, seconded as Finance and Accounting Manager, PTTEP Australasia, Australia	PTTEP
Mrs. Thanyaporn Vangvasu	60	B.BA (Accounting), Assumption University	0.00391 (155,147 shares)	None	May 2015 - Feb. 2018	● Specialist	PTTEP
					2009 - Apr. 2015	● Vice President, Tax Department	PTTEP

3. Corporate Secretary

Name/Position	Age (year)	Education/Training	% of Shareholding	Family Relationship among Directors and Executives	Working Experiences in the 5 Preceding Years		
					Period	Position	Function/ Company/ Type of Business
Mr. Yongsith Kosawititkul Acting Senior Vice President, Corporate Secretary, assigned as Company Secretary, and Vice President, Corporate Management Department	47	M.CL (Laws), The University of Virginia	0.00100 (39,737 shares)	None	Oct. 2018 - Present	● Acting Acting Senior Vice President, Corporate Secretary, assigned as Company Secretary	PTTEP
		May 2017 - Present			● Vice President, Corporate Management Department	PTTEP	
		Jul. 2014 - Apr. 2017			● Vice President, Subsidiary Secretariat and Governance Department	PTTEP	
		Jan. - Jun. 2014			● Senior Legal Counselor	PTTEP	
		Apr. 2006 - Dec. 2013			● Legal Counselor	PTTEP	
		<u>IOD:</u> ● Company Secretary Program ● Board Reporting Program ● Company Reporting Program <u>Other Trainings:</u> ● 2016 - 2017 GRC online : Anti-Corruption by PTTEP ● Management Skills for New Supervisor by APM Learning Co., Ltd.					