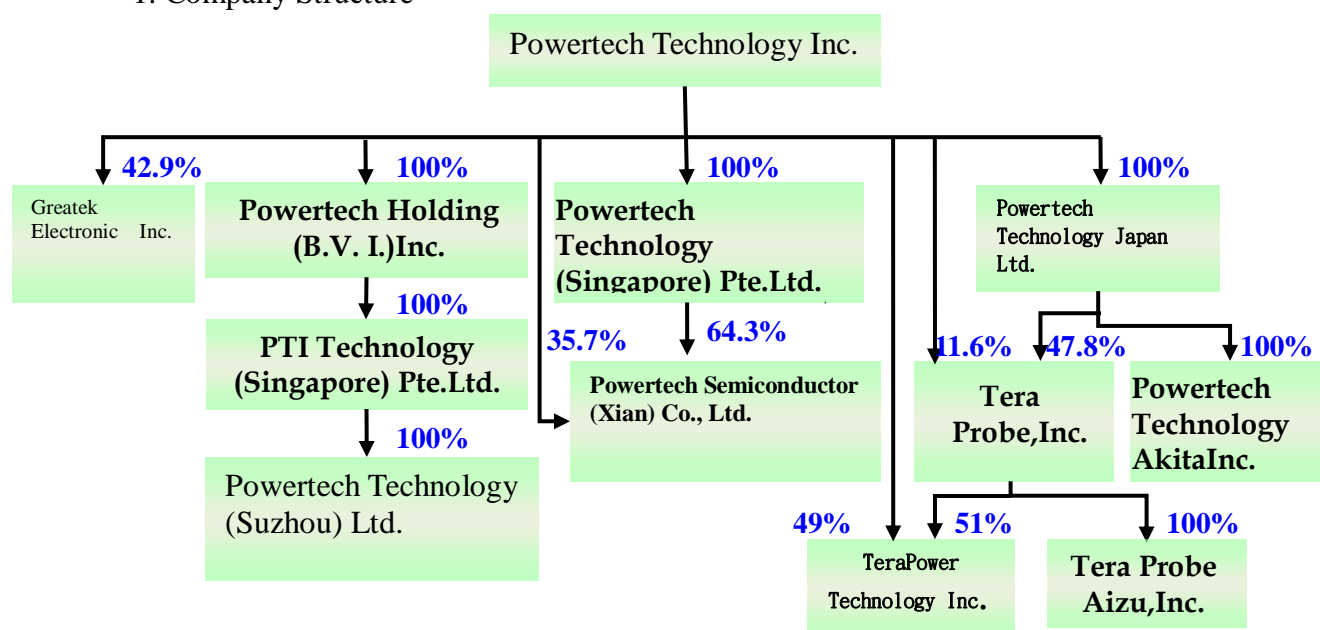


## VIII. Special Notes

### 1. Summary of Affiliated Companies

#### (1) Profile of Affiliated Companies

##### 1. Company Structure



##### 2. Names, Date of Establishment, Address, Paid-in Capital and Major Business Items of Consolidated Subsidiaries :

Dec 31 2018 ; Unit : thousands

Entity Name	Date of Establishment	Address	Paid-In Capital Amount	Major Services
Powertech Holding (B.V.I.) Inc.	Aug 2009	P.O. Box 3444 Road Town, Tortola, B.V.I.	US\$52,000	Investment
PTI Technology (Singapore) Pte. Ltd.	Nov 1994	8 Marina Boulevard #05-02 Marina Bay Financial Centre Tower 1 Singapore 018981	US\$72,102	Investment
Powertech Technology (Suzhou) Ltd.	Aug 1995	No. 33, Xinghai Street, Suzhou Industrial Park, Suzhou, China	US\$72,000	Packaging and Final Testing Services
Greatek Electronics Inc.	Mar 1983	No. 136, Gung-Yi Rd., Chunan Town, Miaoli, Taiwan.	NT\$5,688,459	Packaging and Final Testing Services
Powertech Technology (Singapore) Pte. Ltd.	Dec 2005	12 Ang Mo Kio Street 65, Level 3 Singapore 509060	US\$85,000	Bumping Services
Powertech Semiconductor (Xian) Co., Ltd.	May 2015	Part B, Shaanxi Xi'an Export Processing Zone, No. 28, Xinxi Avenue, Xi'an, Shaanxi 710119 China	US\$70,000	Packaging and Final Testing Services
Powertech Technology Japan Ltd.	Jan 2017	3F, Shiodome Building, #180-181, 1-2-20 Kaigan,	JPY 100,000	Investment & Packaging and Testing

		Minato-ku, Tokyo, 105-0022, Japan		Services
Tera Probe, Inc.	Aug 2005	KAKiYA Bldg., 2-7-17 Shin-Yokohama, Kohoku-ku, Yokohama City, Kanagawa	JPY 11,823,312	Chip Probing Services
Tera Probe Aizu, Inc.	Oct 2015	No.4 Kogyo Danchi, Monden-Machi, Aizu Wakamatsu City, Fukushima Prefecture, Japan	JPY 45,000	Chip Probing Services
TeraPower Technology Inc.	Aug 2008	No.20, wenhua Rd., Hsinchu Industrial Park. Hukou , Hsinchu 303, Taiwan	NT\$1,497,670	Chip Probing Services
Powertech Technology Akita Inc.	Apr 1969	89-2 Yamada, Yuwaishida, Akita-shi Akita 010-1222, Japan	JPY 495,000	Packaging and Final Testing Services

3. Presumed to Have Control and Affiliation Relationship: None.

4. Business Items of Affiliated Companies:

The business items of PTI and its affiliated companies cover manufacturing, marketing & sales and investments of electronics.

5. The Names and the Shareholding or Funding Status of the Directors, Committee Members, and President of Each Affiliated Company:

March 31, 2017

Name of Company	Title	Name or Representative	Shareholding	
			Number of shares (capital contribution)	%
Powertech Holding (B.V.I.) Inc.	Director	Powertech Technology Inc. Legal Rep Director: D.K. Tsai	US\$ 52,000,000	100%
PTI Technology (Singapore) Pte. Ltd.	Director	Powertech Holding (B.V.I.) Inc. Legal Rep Director: D. K. Tsai, J.Y. Hung, Jeswant Singh S/O Darshan Singh	US\$ 51,000,000	100%
Powertech Technology (Suzhou) Ltd.	Chairman	PTI Technology (Singapore) Pte. Ltd. Legal Rep Director: J.S. Leu	US\$50,900,000	100%
	Director	PTI Technology (Singapore) Pte. Ltd. Legal Rep Director: D. K. Tsai, J.Y. Hung		
	Supervisor	PTI Technology (Singapore) Pte. Ltd. Legal Rep Director: Evan Tseng		
	President	Hong Bin Ji		
Greatek Electronics Inc	Chairman	Powertech Technology Inc.	NT\$244,064,379	42.91%

		Legal Rep Director: D. K. Tsai		
	Director	Powertech Technology Inc. Legal Rep Director: Boris Hsieh, J.S. Leu, Chien-Chao Ning, Evan Tseng		
	Director	Hung-Wei Venture Capital Company: Eric Chang		
	Independent Director	Chi-Yung Wu	0	0%
	Independent Director	Chu-Chien Feng	0	0%
	Independent Director	M.J. Chuang	0	0%
	President	Chien-Chao Ning	NT\$ 2,293,224	0.40%
Powertech Technology (Singapore) Pte. Ltd.	Director	Powertech Technology Inc. Legal Rep Director: DK Tsai, J.Y Hung, Evan Tseng, Tay Hua Nguan	US\$ 85,000,000	100%
	President	Tonwey Cheng	-	-
Powertech Semiconductor (Xian) Pte. Ltd.	Chairman	Powertech Technology (Singapore) Pte. Ltd Legal Rep Director: J.S. Leu		
	Director	Powertech Technology (Singapore) Pte. Ltd Legal Rep Director: J.Y. Hung	US\$ 45,000,000	64%
	Supervisor	Powertech Technology (Singapore) Pte. Ltd Legal Rep Director: Yohan Lin		
	Director	Powertech Technology Inc. Legal Rep Director: Evan Tseng	US\$ 25,000,000	36%
	President	Chris Yeh		
Powertech Technology Japan Ltd.	Executive Director	DK Tsai	JPY 100,000,000	100%
	President	Naohiko Urasaki		
Tera Probe, Inc.	Chairman	Naohiko Urasaki (Powertech Technology Japan Ltd)	4,440,300	47.8%
	Director	DK Tsai, Phu Le, Evan Tseng, Koji Iwama (Powertech Technology Inc.)	1,077,100	11.6%
	Director	Yuichiro Watanabe	6,500	0.06%
	Director	Tsuyoshi Yokoyama	500	0.00%
	Director	Naoki Mori	0	0%
	Director	Takayuki Mashiko	0	0%
	President	Tsuyoshi Yokoyama	500	0.00%
Tera Probe Aizu, Inc.	Chairman & President	Hiroaki Harada (Tera Probe, Inc.)		
	Director	Kazuhito Kanbe, Naokazu Jinushi, Ikuo Yaegashi	180,000	100%
	Supervisor	Takayuki Mashiko		
TeraPower Technology Inc.	Chairman	Tera Probe, Inc. Legal Rep Director : JY Hung	76,381,170	51.0%
	Director	Tera Probe, Inc. Legal Rep Director : Minari		

		Iketa, Naohiko Urasaki		
	Director	Powertech Technology Inc. Legal Rep Director: Evan Tseng, Noty Lin	73,385,830	49.0%
	Supervisor	Takayuki Mashiko		
	President	Noty Lin		
Powertech Technology Akita Inc.	Chairman & President	Shinji Kagaya (Powertech Technology Japan Ltd)	6,202	100%
	Director	DK Tsai, Evan Tseng, Naohiko Urasaki		
	Supervisor	Yohan Lin		

## 6. Operations of Affiliated Companies

Unit: NT\$ Thousands

Name of Company	Paid-in Capital	Total Assets	Total Liabilities	Equity	Revenues	Operating Income	Net income (loss) (after tax)	Earnings Per Share (NT\$) (After tax) Note
Powertech Holding (B.V.I.) Inc.	1,601,343	971,917	0	971,917	0	0	(26,570)	N/A
PTI Technology (Singapore) Pte. Ltd.	2,215,896	936,213	0	936,213	0	0	(27,154)	N/A
Powertech Technology (Suzhou) Ltd.	2,622,131	1,813,504	877,554	935,949	1,460,433	22,205	(23,652)	N/A
Greatek Electronics Inc	5,688,459	18,824,560	2,605,496	16,219,064	12,356,434	2,817,913	2,375,453	4.18
Powertech Technology (Singapore) Pte. Ltd.	2,612,305	2,973,587	1,046,978	1,926,609	259,231	(250,910)	41,243	N/A
Powertech Semiconductor (Xian) Pte. Ltd.	2,151,310	4,059,805	1,349,178	2,710,627	5,600,027	599,221	510,406	N/A
Powertech Technology Japan Ltd.	27,840	4,481,119	1,574,026	2,907,093	0	0	(284,956)	N/A
Powertech Technology Akita Inc.	134,525	1,954,708	1,744,353	1,210,355	1,480,467	23,877	(244,778)	N/A
Tera Probe Inc.	3,291,610	8,678,503	2,690,394	5,988,110	2,479,763	(285,904)	(217,258)	(23.41)
TeraPower Technology Inc.	1,497,670	10,651,044	6,291,752	4,359,292	3,316,070	641,337	484,307	3.37

Note: No need to calculate EPS for limited companies

**Affiliated Companies Overview:**

REPRESENTATION LETTER

Mar 14, 2019

The entities that are required to be included in the combined financial statements of Powertech Technology Inc. as of and for the year ended December 31, 2018 under the Criteria Governing the Preparation of Affiliation Reports, Consolidated Business Reports and Consolidated Financial Statements of Affiliated Enterprises are the same as those included in the consolidated financial statements prepared in conformity with the International Financial Reporting Standards No. 10, "Consolidated Financial Statements." In addition, the information required to be disclosed in the combined financial statements is included in the consolidated financial statements. Consequently, Powertech Technology Inc. and Subsidiaries do not prepare a separate set of combined financial statements.

Sincerely,

Duh-Kung Tsai

Chairman  
Powertech Technology Inc.

Affiliated Companies Report: None.

**2. Private Placement Securities as of the Date of Annual Report Printing: None.**

**3. Status of PTI Common Shares and GDR Acquired, Disposed of, and Held by Subsidiaries in 2018 and as of the Publication Date of this Annual Report:**

Unit: NTD K; Shares; %

Name of Subsidiary	Capital Received	Source of Fund	% Holding by PTI	Date	Acquired Shares and Amount	Sold Shares and Amount	Investment Gain/Loss	As of Printing Date	
								Holding Shares	Amount
Greatek Electronic Inc.	5,688,459	Self Funding	42.91%	2017	1,800,000 shares NT\$158,719	-	-	2,200,000	191,849
				2018	400,000 shares NT\$33,130				

Note:

No creation of pledge by the above subsidiary.

PTI did not endorse and guarantee for the above subsidiary.

No fund lent by PTI to the above subsidiary.

**4. Other Necessary Supplement: None.**

**5. Any Events in 2018 and as of the Publication Date of this Annual Report that Had Significant Impacts on Shareholders' Right or Security Prices as Stated in Item 2 Paragraph 2 of Article 36 of Securities and Exchange Law of Taiwan: None.**