



# Beijing Jingneng Clean Energy Co., Limited

## 北京京能清洁能源電力股份有限公司

(A joint stock company incorporated in the People's Republic of China with limited liability)

(Stock Code: 00579)

### INTERIM RESULTS ANNOUNCEMENT FOR THE SIX MONTHS ENDED 30 JUNE 2019

#### FINANCIAL HIGHLIGHTS

–	Revenue	for the six months ended 30 June 2019	B8,065.0		Revenue	for the six months ended 30 June 2018	B7,800.0
			0.36%				
–	Profit attributable to equity holders of the Company	for the six months ended 30 June 2019	B1,700.9		Profit attributable to equity holders of the Company	for the six months ended 30 June 2018	B1,650.0
			1.77%				
–	Profit attributable to equity holders of the Company	for the six months ended 30 June 2019	B1,268.3		Profit attributable to equity holders of the Company	for the six months ended 30 June 2018	B1,228.0
			4.29%				
–	Basic EPS	for the six months ended 30 June 2019	B15.38				

#### RESULTS HIGHLIGHTS

The Board of Directors of Beijing Jingneng Clean Energy Co., Limited (the "Company") has approved the interim results of the Company and the Group for the six months ended 30 June 2019 (the "Reporting Period"), which are set out in the Interim Results Announcement (the "IFRSs").

# UNAUDITED CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

For the six months ended 30 June 2019

(Expressed in Renminbi Yuan, unless otherwise indicated, in thousands of B'000)

		For the six months ended 30 June	
		2019	2018
		RMB'000	B'000
		(Unaudited)	(Audited)
Revenue	3	8,064,971	8,036,391
Cost of sales	5	619,504	504,151
Gross profit		(4,542,057)	(4,300,126)
Depreciation and amortization	9	(1,185,483)	(1,083,356)
Impairment loss		(316,183)	(320,187)
Finance income		(226,821)	(235,729)
Finance costs		(274,688)	(343,292)
Share of profits of associates	6	54,757	(11,713)
Other income		2,194,000	2,246,139
Other expenses	7	27,422	20,054
Finance costs	7	(579,971)	(557,881)
Share of profits of associates		59,405	23,317
Other income		1,700,856	1,731,629
Other expenses	8	(380,520)	(414,287)
Other income	9	1,320,336	1,317,342
Other income		1,268,270	1,216,095
Other expenses		—	35,768
Other income		52,066	65,479
Other income		1,320,336	1,317,342
Other income		15.38	
Other income	11		

		For the six months ended 30 June	
		2019	2018
		RMB'000	B'000
		(Unaudited)	(Unaudited)

Other comprehensive income	9	1,320,336	1,317,342
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#### Other comprehensive income

#### Other comprehensive income that will not be reclassified subsequently to profit or loss:

Available-for-sale financial assets			
Net change in fair value			
Net change in fair value of equity instruments (FVOCI)		-	2,312
Net change in fair value of debt instruments (FVOCI)		-	(578)
		-	1,734

#### Items that may be reclassified subsequently to profit or loss

Exchange differences on translation of foreign operations			
Exchange differences on translation of foreign operations		(6,663)	(46,273)
Changes in cash flow hedges			
Changes in cash flow hedges		(10,397)	4,300

# UNAUDITED CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION

As at 30 June 2019

(Expressed in Renminbi Yuan, unless otherwise indicated, in thousands of RMB'000)

	As at 30 June 2019 RMB'000 (Unaudited)	As at 31 Dec 2018 B'000 (Audited)
<b>Non-current Assets</b>		
Property, plant and equipment	35,264,953	34,899,238
Intangible assets	557,398	-
Investments in subsidiaries	3,474,405	3,589,275
Investments in associates	190,049	190,049
Investments in structured entities	-	239,697
Financial assets at fair value through profit or loss	2,009,652	1,950,247
Available-for-sale financial assets	139,000	139,000
Long-term receivables	152,967	152,967
Long-term prepayments	15,000	30,000
Deferred tax assets	239,260	284,596
Employee benefit assets	-	-
Financial assets at fair value through other comprehensive income	136,241	136,241
Other non-current assets	669,012	525,080
Derivative financial assets	580,954	622,488
	68,175	51,060
	<b>43,497,066</b>	<b>42,809,938</b>
<b>Current Assets</b>		
Monetary funds	133,775	115,831
Accounts receivable	5,672,556	5,364,872
Prepayments	428,017	359,081
Other receivables	23,735	15,098
Accounts payable	54,500	158,017
Other payables	-	6,081
Contract liabilities	65,000	-
Financial assets at fair value through profit or loss	335,345	362,287
Financial assets at fair value through other comprehensive income	263,792	227,313
Financial assets at fair value through profit or loss (FVTPL)	73,994	102,005
Contract assets	3,940,384	5,420,937
	<b>10,991,098</b>	<b>12,131,522</b>

		As at 30 June 2019 RMB'000 (Unaudited)	As at 31 December 2018 B'000 (Audited)
<b>Current Liabilities</b>			
Accounts payable and accrued liabilities	13	3,432,461	3,708,661
Accounts receivable		455,293	129,938
Other payables		5,551,435	8,864,459
Contract liabilities		6,082,989	6,086,848
Other current liabilities		82,873	80,189
Contract liabilities		59,337	88,564
Other current liabilities		23,472	128,598
Other current liabilities		206,275	304,660
		<u>15,894,135</u>	<u>19,391,917</u>
<b>Net Current Liabilities</b>		<u>(4,903,037)</u>	<u>(7,260,395)</u>
<b>Total Assets less Current Liabilities</b>		<u>38,594,029</u>	<u>35,549,543</u>
<b>Non-current Liabilities</b>			
Deferred income		52,619	49,202
Other non-current liabilities		11,918,497	9,824,454
Other non-current liabilities		3,490,094	3,490,094
Deferred income		174,953	177,799
Other non-current liabilities		471,662	464,824
Other non-current liabilities		186,210	-
Other non-current liabilities		33,184	31,570
		<u>16,327,219</u>	<u>14,037,943</u>
<b>Net Assets</b>		<u><u>22,266,810</u></u>	<u><u>21,511,600</u></u>
<b>Capital and Reserves</b>			
Capital		8,244,508	8,244,508
Reserves		13,573,014	12,869,870
<b>Equity attributable to owners of the Company</b>		<u>21,817,522</u>	<u>21,114,378</u>
Other equity		449,288	397,222
<b>Total Equity</b>		<u><u>22,266,810</u></u>	<u><u>21,511,600</u></u>

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 B4,903,037,000 30 2019.  
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(IAS) 34. F. A. 16.

(IFRSs), 30 2019 31 D 2018.

Figure 1 is a phylogenetic tree showing the relationships between 16S rDNA sequences of 16 isolates. The tree is rooted at the bottom left. The isolates are labeled as follows: A (1), 2019, B (IASB), F (16), F (C-23), A (9), A (19), A (28), A (F), A (2015-2017 C), E (16), and F (16). The tree is divided into several clades. A scale bar of 0.01 is shown at the bottom left. A legend indicates that black boxes represent sequences from this study and white boxes represent sequences from GenBank.

## 2.1 Impacts and changes in accounting policies of application on IFRS 16 *Leases*

For the application of IFRS 16, the following changes in accounting policies are required (IAS 17):

### 2.1.1 Key changes in accounting policies resulting from application of IFRS 16

For the application of IFRS 16, the following changes in accounting policies are required (IAS 17):

*D* - *Leases*

A - *Leases*

F - *Leases*

A - *Leases*

A - *Leases*

F - *Leases*

A - *Leases*

A - *Leases*

12 - *Leases*

*Leases*

E - *Leases*

*Leases*

- *Leases*

- *Leases*

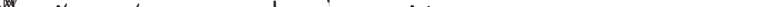
- *Leases*

- *Leases*

1. *Upholder* (1990) is a 1990 film by *John Dahl*, starring *John Cusack* and *Anthony Quinn*. It is a comedy-drama about a young man who is a member of a religious group that believes in the resurrection of the dead.

[illegible]



F. 


1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: a subject (S) is presented with a stimulus (A), which leads to a response (F). This is followed by a feedback (F) and a reward (R). The sequence is repeated for 9 trials (F 9 F).




































A. 

1.  $\frac{1}{2}$  2.  $\frac{1}{2}$  3.  $\frac{1}{2}$  4.  $\frac{1}{2}$  5.  $\frac{1}{2}$  6.  $\frac{1}{2}$  7.  $\frac{1}{2}$  8.  $\frac{1}{2}$  9.  $\frac{1}{2}$  10.  $\frac{1}{2}$

- [illegible]

A.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ ,  $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$ ,  $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$ ,  $\frac{1}{256} \times \frac{1}{256} = \frac{1}{65536}$

Figure 1. The effect of the concentration of the  $\text{H}_2\text{O}_2$  solution on the amount of the released  $\text{H}_2\text{O}$  from the  $\text{H}_2\text{O}_2$ -loaded hydrogel. The amount of the released  $\text{H}_2\text{O}$  was measured by the weight difference of the hydrogel before and after the release. The concentration of the  $\text{H}_2\text{O}_2$  solution was 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1.0 wt. %.

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### 3 REVENUE

#### (i) Disaggregation of revenue from contracts with customers

For the six months ended 30 June 2019 (Unaudited)

|                                       | Gas-fired<br>power and<br>heat energy<br>generation<br>RMB'000 | Wind power<br>RMB'000 | Photovoltaic<br>power<br>RMB'000 | Hydropower<br>RMB'000 | Others<br>RMB'000 | Total<br>RMB'000 |
|---------------------------------------|--|-----------------------|----------------------------------|-----------------------|-------------------|------------------|
| Revenue from contracts with customers | 5,147,508  | 1,028,875             | 685,668                          | 149,896               | –                 | 7,011,947        |
| Revenue from contracts with customers | 1,052,148  | –                     | –                                | –                     | –                 | 1,052,148        |
| Revenue from contracts with customers | –  | –                     | –                                | –                     | 876               | 876              |
| Revenue from contracts with customers | 6,199,656  | 1,028,875             | 685,668                          | 149,896               | –                 | 8,064,095        |
| Revenue from contracts with customers | –  | –                     | –                                | –                     | 876               | 876              |
| Revenue from contracts with customers | <u>6,199,656</u>   | <u>1,028,875</u>      | <u>685,668</u>                   | <u>149,896</u>        | <u>876</u>        | <u>8,064,971</u> |

For the six months ended 30 June 2018 (Unaudited)

|                                       | B'000            | B'000            | B'000          | B'000          | B'000        | B'000            |
|---------------------------------------|------------------|------------------|----------------|----------------|--------------|------------------|
| Revenue from contracts with customers | 5,190,635        | 1,149,558        | 485,598        | 145,699        | –            | 6,971,490        |
| Revenue from contracts with customers | 1,058,413        | –                | –              | –              | –            | 1,058,413        |
| Revenue from contracts with customers | –                | –                | –              | –              | 6,488        | 6,488            |
| Revenue from contracts with customers | 6,249,048        | 1,149,558        | 485,598        | 145,699        | –            | 8,029,903        |
| Revenue from contracts with customers | –                | –                | –              | –              | 6,488        | 6,488            |
| Revenue from contracts with customers | <u>6,249,048</u> | <u>1,149,558</u> | <u>485,598</u> | <u>145,699</u> | <u>6,488</u> | <u>8,036,391</u> |

#### (ii) Geographical information

90% of the revenue from contracts with customers is derived from the PRC. The revenue from contracts with customers is derived from the PRC. The revenue from contracts with customers is derived from the PRC.

## SEGMENT INFORMATION

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[illegible]

Figure 1. *Phragmites* and *Spartina* distribution in the study area. The map shows the locations of the study sites (1-10) along the coast of the Chesapeake Bay, with the distribution of *Phragmites* and *Spartina* indicated by different symbols.

Bi

A ..... 30 ..... 2019 ..... 2018 .....

|  | Gas-fired<br>power and<br>heat energy<br>generation<br><i>RMB'000</i> | Wind power<br><i>RMB'000</i> | Photovoltaic<br>power<br><i>RMB'000</i> | Hydropower<br><i>RMB'000</i> | Others<br><i>RMB'000</i> | Total<br><i>RMB'000</i> |
|--|---|------------------------------|---|------------------------------|--------------------------|-------------------------|
| For the period ended 30 June 2019<br>(continued) |   |                              |   |                              |                          |                         |
| Operating costs                                  |   |                              |   |                              |                          |                         |
| Operating costs of power generation (Note 5)     | 1,684,270   | 923,870                      | 675,728                                 | 102,370                      | (6,755)                  | 3,379,483               |
| Depreciation                                     | 436,165   | 350,489                      | 242,472                                 | 53,898                       | 499                      | 1,083,523               |
| Amortization                                     | 4,883   | 84,260                       | 200                                     | 12,372                       | 245                      | 101,960                 |
|  | 1,243,222   | 489,121                      | 433,056                                 | 36,100                       | (7,499)                  | 2,194,000               |
|  |   |                              |   |                              |                          |                         |
| Operating income                                 |   |                              |   |                              |                          |                         |
| Operating income of power generation (Note 5)    | B'000   | B'000                        | B'000                                   | B'000                        | B'000                    | B'000                   |

F. 2018. 30. 2018

(1.1.1)

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

$$\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2} \quad (1.1)$$

|         |                  |                |                |               |                 |                  |
|---------|------------------|----------------|----------------|---------------|-----------------|------------------|
| D, 2017 | 406,982          | 359,146        | 155,813        | 60,154        | 374             | 982,469          |
| A, 2017 | 3,983            | 83,313         | 150            | 12,347        | 1,094           | 100,887          |
|         | <u>1,333,561</u> | <u>617,093</u> | <u>297,652</u> | <u>23,207</u> | <u>(25,374)</u> | <u>2,246,139</u> |

•

**For the six months ended 30 June**  
**(Unaudited)**

| <b>2019</b>    | <b>2018</b>  |
|----------------|--------------|
| <b>RMB'000</b> | <b>B'000</b> |

[illegible]

(.) 

( ) 

**For the six months ended 30 June**  
**(Unaudited)**

**2019** **2018**

***RMB'000***

## 7. INTEREST INCOME/FINANCE COSTS

|                     | For the six months ended 30 June<br>(Unaudited) |               |
|---------------------|---|---------------|
|                     | 2019<br>RMB'000                                 | 2018<br>B'000 |
| Interest income     | 27,422  | 20,054        |
| Finance costs       | 607,365   | 597,692       |
| Net interest income | (27,394)  | (39,811)      |
| Interest income     | 579,971   | 557,881       |
| Finance costs       | 552,549   | 537,827       |

## 8. INCOME TAX EXPENSE

|                    | For the six months ended 30 June<br>(Unaudited) |               |
|--------------------|---|---------------|
|                    | 2019<br>RMB'000                                 | 2018<br>B'000 |
| Income tax expense | 332,648   | 447,284       |
| Income tax expense | 47,872  | (32,997)      |
| Income tax expense | 380,520   | 414,287       |

Income tax expense for the six months ended 30 June 2019 is 25% of the taxable income.

Income tax expense for the six months ended 30 June 2020 is 15% of the taxable income. The income tax expense for the six months ended 30 June 2020 is 15% of the taxable income. The income tax expense for the six months ended 30 June 2020 is 15% of the taxable income.

北京京能未來燃氣熱電有限公司 (Beijing Jingneng Future Gas Thermal Power Co., Ltd.) (Weilai Gas) is a subsidiary of the Company. The income tax expense for the six months ended 30 June 2019 is 15% of the taxable income.

The income tax expense for the six months ended 30 June 2019 is 16.5% of the taxable income. The income tax expense for the six months ended 30 June 2019 is 16.5% of the taxable income.

[illegible]

( ) 2019, B549,909,000 C,

( ) 30 2019 ( 30 2018: ).

30 2019 B1,268,270,000 ( 30 2018: B1,216,095,000) 30 2019 8,244,508,000 ( 30 2018: 6,915,973,000 ).

|  | As at<br>30 June<br>2019<br><i>RMB'000</i><br>(Unaudited) | At<br>31 Dec<br>2018<br><i>B'000</i><br>(Audited) |
|--|---|---|
| Intangible assets                                    | 1,312,982   | 1,995,306   |
| Goodwill   | 4,356,791   | 3,355,461   |
| Other intangible assets                              | <u>10,246</u>   | <u>21,246</u>                                     |
| Total intangible assets                              | 5,680,019   | 5,372,013   |
| Less: accumulated amortization and impairment losses | <u>(7,463)</u>  | <u>(7,141)</u>                                    |
| Net book value of intangible assets                  | <u>5,672,556</u>  | <u>5,364,872</u>                                  |



|    | As at<br>30 June<br>2019<br>RMB'000<br>(Unaudited) | As at<br>31 December<br>2018<br>B'000<br>(Audited) |
|----|--|--|
| 60 | 1,286,509  | 2,346,544  |
| 61 | 1,994,845  | 1,419,203  |
| 1  | 1,651,328  | 1,027,341  |
| 2  | 451,958  | 327,204  |
| 3  | 287,916  | 244,580  |
|    | <u>5,672,556</u>                                   | <u>5,364,872</u>                                   |

### 13. TRADE AND OTHER PAYABLES

|                     | As at<br>30 June<br>2019<br>RMB'000<br>(Unaudited) | As at<br>31 December<br>2018<br>B'000<br>(Audited) |
|---------------------|--|--|
| Trade payables      | 1,692,401  | 2,001,766  |
| Other payables      | 763,781  | 919,240  |
| Accounts payable    | 464,480  | 282,402  |
| Bills payable       | —  | 27,656   |
| Accounts receivable | 73,778   | 89,892   |
| Prepaid expenses    | 61,358   | 153,847  |
| Deferred income     | 235,573  | 136,462  |
| Other payables      | 141,090  | 97,396   |
|                     | <u>3,432,461</u>                                   | <u>3,708,661</u>                                   |

|    | As at<br>30 June<br>2019<br>RMB'000<br>(Unaudited) | As at<br>31 December<br>2018<br>B'000<br>(Audited) |
|----|--|--|
| 30 | 699,263  | 1,385,785  |
| 31 | 951,261  | 547,356  |
| 1  | 20,228   | 17,966   |
| 2  | 5,882  | 4,902  |
| 3  | 15,767   | 73,413   |
|    | <u>1,692,401</u>                                   | <u>2,029,422</u>                                   |

## I. REVIEW OF THE POWER INDUSTRY

Figure 10: The number of nodes in the network for each country. The data is as follows:

| Country     | Number of Nodes |
|-------------|-----------------|
| USA         | 1,834           |
| UK          | 2,066           |
| France      | 2,127           |
| Germany     | 1,212           |
| Italy       | 1,133           |
| Spain       | 1,674           |
| China       | 169             |
| Japan       | 10              |
| South Korea | 13              |
| India       | 4               |
| Others      | 2.4%            |

## II. BUSINESS REVIEW FOR THE FIRST HALF OF 2019

### 1. Increase in installed capacity

A treemap visualization showing the distribution of 10,000 tweets across 10 categories. The categories are represented by colored rectangles of varying sizes, with their relative frequency indicated by percentages. The categories and their values are: 30 (10%), 2019 (10%), 8,863 (10%), 4,702 (53%), 2,348 (27%), 1,363 (15%), 450 (5%), 195, 114, and 81. The treemap is divided into 10 rectangular blocks of varying sizes and colors, representing the relative frequency of each category. The largest block is 4,702 (53%), followed by 2,348 (27%), 1,363 (15%), 8,863 (10%), 30 (10%), 2019 (10%), 450 (5%), 195, 114, and 81.

## 2. Increase in power generation

Figure 10. The number of *Phragmites* and *Scirpus* in the study area in 2019. A. *Phragmites*; B. *Scirpus*. The data is as follows:

| Area    | <i>Phragmites</i> (Number) | <i>Phragmites</i> (%) | <i>Scirpus</i> (Number) | <i>Scirpus</i> (%) |
|---------|----------------------------|-----------------------|-------------------------|--------------------|
| Area 1  | 2,022                      | 43.79%                | 684                     | 7%                 |
| Area 2  | 810                        | 8.17%                 | 249                     | 2.53%              |
| Area 3  | 1,078                      | 43.79%                | 55                      | 0.58%              |
| Area 4  | 903                        | 43.79%                | 34                      | 0.36%              |
| Area 5  | 641                        | 43.79%                | 641                     | 6.46%              |
| Area 6  | 1,425                      | 43.79%                | 249                     | 2.53%              |
| Area 7  | 2,022                      | 43.79%                | 684                     | 7%                 |
| Area 8  | 810                        | 8.17%                 | 249                     | 2.53%              |
| Area 9  | 1,078                      | 43.79%                | 55                      | 0.58%              |
| Area 10 | 903                        | 43.79%                | 34                      | 0.36%              |
| Area 11 | 641                        | 43.79%                | 641                     | 6.46%              |
| Area 12 | 1,425                      | 43.79%                | 249                     | 2.53%              |
| Area 13 | 2,022                      | 43.79%                | 684                     | 7%                 |
| Area 14 | 810                        | 8.17%                 | 249                     | 2.53%              |
| Area 15 | 1,078                      | 43.79%                | 55                      | 0.58%              |
| Area 16 | 903                        | 43.79%                | 34                      | 0.36%              |
| Area 17 | 641                        | 43.79%                | 641                     | 6.46%              |
| Area 18 | 1,425                      | 43.79%                | 249                     | 2.53%              |
| Area 19 | 2,022                      | 43.79%                | 684                     | 7%                 |
| Area 20 | 810                        | 8.17%                 | 249                     | 2.53%              |
| Area 21 | 1,078                      | 43.79%                | 55                      | 0.58%              |
| Area 22 | 903                        | 43.79%                | 34                      | 0.36%              |
| Area 23 | 641                        | 43.79%                | 641                     | 6.46%              |
| Area 24 | 1,425                      | 43.79%                | 249                     | 2.53%              |
| Area 25 | 2,022                      | 43.79%                | 684                     | 7%                 |
| Area 26 | 810                        | 8.17%                 | 249                     | 2.53%              |
| Area 27 | 1,078                      | 43.79%                | 55                      | 0.58%              |
| Area 28 | 903                        | 43.79%                | 34                      | 0.36%              |
| Area 29 | 641                        | 43.79%                | 641                     | 6.46%              |
| Area 30 | 1,425                      | 43.79%                | 249                     | 2.53%              |

### 3. Steady promotion of overseas projects

2019, A, G, 108, B, A, 2020; B, E, A, B, A

### 4. Reduction in financing cost

C, C, B3.5, 180- B2, 3.15%, 270- B1.5, 3.39%











### ***Gas Consumption***

Gas consumption for the year ended 2018 was 5.63% of the total assets of B4,300.1 million. For the year ended 2019, gas consumption was 5.63% of the total assets of B4,542.1 million.








































### ***Depreciation and Amortization***

Depreciation and amortization for the year ended 2018 was 9.42% of the total assets of B1,083.4 million. For the year ended 2019, depreciation and amortization was 9.42% of the total assets of B1,185.5 million.

































### ***Gas-fired Power and Heat Energy Generation Segment***

A.  7.71%  B1,301.1  2018  B1,200.8  2019,  2018  2017  2018



























### ***Wind Power Segment***

A.  22.71%  B500.3  2018  B386.7  2019                                  

### ***Photovoltaic Power Segment***

A.  51.45%  B283.4  2018  B429.2  2019,                            

















### ***Hydropower Segment***

A.  60.36%  B22.2  2018  B35.6  2019,                      











### ***Others***

A.  B37.4  2018  B18.6  2019,                  

## **7. Finance Costs**

F.  3.96%  B557.9  2018  B580.0  2019,           

## **8. Share of Results of Associates**

 154.94%  B23.3  2018  B59.4  2019,      

**9. Profit before Taxation**

A.  $\frac{1,731.6}{100,000,000} = 1.77\%$  B1,731.6  
 2018. B1,700.9 2019.

**10. Income Tax Expense**

$\frac{414.3}{5,000,000} = 8.16\%$  B414.3 2018  
 B380.5 2019. E  $\frac{380.5}{1,600,000} = 23.92\%$   
 2018. 22.37% 2019.

**11. Profit for the Period**

A.  $\frac{1,317.3}{500,000,000} = 0.23\%$  B1,317.3  
 2018. B1,320.3 2019.



### 3. Liquidity

A 30 2019, B10,991.1 B3,940.4 B5,672.6 ( ) B1,378.1 ( ) B15,894.1 B5,551.4 B6,083.0 B82.9 B2,920.7 ( ) B1,256.1

32.47% B7,260.4 31 D 2018 B4,903.0 30 2019, G 6.59% 62.56% 31 D 2018 69.15% 30 2019,

### 4. Net Gearing Ratio

( ) 0.58% 51.59% 31 D 2018 51.01% 30 2019,

4.30% B28,346.1 31 D 2018 B27,125.9 30 2019, B5,551.4 B6,083.0 B3,573.0 B11,918.5

B 27.31% B5,420.9 31 D 2018 B3,940.4 30 2019,

## V. OTHER SIGNIFICANT EVENTS

### 1. Financing

22 2019, B2 180- 2019 3.15%. 22 A, 2019, B1.5 270- 2019 3.39%.

## 2. Capital Expenditure

Figure 1: A 3D visualization of the 2019, B232.5, B529.2, and B761.7 bands. The plot shows a dense field of stars in a 3D coordinate system. The axes are labeled with the band names. The stars are represented by small black dots, with some larger dots indicating brighter stars. The distribution shows a clear concentration of stars in the central region, with some outliers at the edges.

### 3. Significant Investment

A 聚電力開發有限公司), E (常寧光  
D (潤峰格爾木電力有限公  
C (陽西清芸陽光新能  
E (陸豐市明大  
2019,

#### 4. Contingent Liabilities

A. 30 June 2019, 11:00 UTC

## 5. Mortgage of Assets

A 30 2019, B2,339.9 B208.0

## 6. Subsequent Events

1. The first part of the document is a header section containing the following information:
 

- Page number: 1
- Page title: 1
- Page subtitle: 1
- Page footer: 1

## VI. BUSINESS PROSPECT FOR THE SECOND HALF OF 2019

## 1. Safety production guarantee

70.

## 2. Promoting the preliminary work of incremental projects

2019, A

2019, B

### 3. Reform and integration and regional management

Figure 1 is a schematic representation of the experimental design, showing a sequence of musical staves with notes and rests. The sequence begins with a 2019 stimulus, followed by a series of stimuli labeled A, B, C, and A. The notation includes various musical symbols such as notes, rests, and bar lines, indicating the temporal structure and transitions between different stimuli. The sequence is organized into a series of measures, with some measures containing multiple notes or rests, and others containing a single note or rest. The overall structure suggests a complex, multi-measure sequence designed to test the ability to detect changes in musical structure.

## PURCHASE, SALE OR REDEMPTION OF LISTED SECURITIES OF THE COMPANY

During the period from January 1, 2019 to December 31, 2019, the Company did not purchase, sell or redeem any of its listed securities.

## INTERIM DIVIDEND

The Board of Directors did not declare any interim dividends during the period from January 1, 2019 to December 31, 2019.

## COMPLIANCE WITH CORPORATE GOVERNANCE CODE

During the period from January 1, 2019 to December 31, 2019, the Company has complied with the Corporate Governance Code (the "Code") issued by the Securities and Exchange Commission (SEC) and the New York Stock Exchange (NYSE). The Company has also adopted the Code of Ethics for its directors, officers and employees.

## COMPLIANCE WITH CODE FOR SECURITIES TRANSACTIONS

The Company has adopted the Code for Securities Transactions (the "Code") issued by the SEC and the NYSE. The Code sets forth the standards of conduct for the Company's directors, officers and employees regarding the purchase and sale of the Company's securities. During the period from January 1, 2019 to December 31, 2019, the Company has complied with the Code.

## AUDIT COMMITTEE

The Audit Committee is composed of three independent non-executive directors. During the period from January 1, 2019 to December 31, 2019, the Audit Committee has met and discussed the Company's financial statements and internal controls with management and the independent auditors.

## PUBLICATION OF INTERIM RESULTS AND INTERIM REPORT

E 2019  
 C 2019  
 C E

B B  
**Beijing Jingneng Clean Energy Co., Limited**  
**KANG Jian**  
 C

B C  
 20 April 2019

A C  
 B C  
 F C  
 C F C