



# **National Central Cooling Company PJSC**

(DFM:TABREED)

## **Q4 2017 and Full Year Earnings Presentation**





31 January 2018

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- 1. Introduction and Performance Highlights**
- 2. Financial Results**
- 3. Conclusion**

# 1. Introduction and Performance Highlights

## Financial Highlights: 2017 vs. 2016

<p><b>Total Revenue</b></p> <p>AED 1,399m</p> <p>+9% </p>	<p><b>Chilled Water</b></p> <p>AED 1,317m</p> <p>+13% </p>	<p><b>EBITDA</b></p> <p>AED 628m</p> <p>+8% </p>	<p><b>Net Profit</b></p> <p>AED 400m</p> <p>+9% </p>	<p><b>Proposed Dividend</b></p> <p>8.0 fils</p> <p>+1.5 fils </p>
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## Operational Highlights and Developments

### Performance Highlights

- Capacity additions, higher consumption volumes and utility pass through resulted in continued strong Chilled Water revenue growth
- Announced 60k RT of capacity additions by end of 2018; 44k RT added during the 2017
- Revised capacity guidance to 65k RT to be added over 2018 and 2019

### Dividend Policy

- Dividend of 8.0 fils per share, an increase of 1.5 fils over 2016. Reflects coupon savings on MCBs conversion
- Target to grow dividend per share in line with growth of the business

### Other Developments

- Mubadala converted all of its Mandatory Convertible Bonds (MCBs) and retained 42% equity interest
- Simultaneously, ENGIE – a multinational energy leader – acquired 40% of Tabreed
- Four new Board Members joined Tabreed’s Board; Two experienced ex-ENGIE executives joined Tabreed management team as Chief Operating Officer and Chief Development Officer
- Tabreed stock was certified Shari’a compliant

**Committed to adding value to shareholders – Proposed dividend of 8.0 fils, up from 6.5 fils in 2016**

## One of the world's largest district cooling companies

**72**  
plants in  
5 countries



Approaching

**1.1m RT**  
delivered to clients



Equivalent to cooling

**109**

towers the size of Burj Khalifa



## Environmentally responsible operations reducing green house gas emissions



**1.53 billion kWh**  
annual reduction in energy consumption  
in the GCC through Tabreed's DC  
services in 2017

=



Enough energy to power  
**51,000**  
homes in the UAE every year



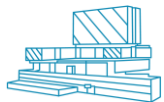
**768,000 tons**  
annual elimination  
of CO<sub>2</sub> emissions

=



The equivalent of removing  
**153,600**  
cars from our streets every year

## Serving iconic projects across the region



Cleveland Clinic  
Abu Dhabi



Dubai Parks  
and Resorts



Dubai  
Metro



Sheikh Zayed Grand  
Mosque



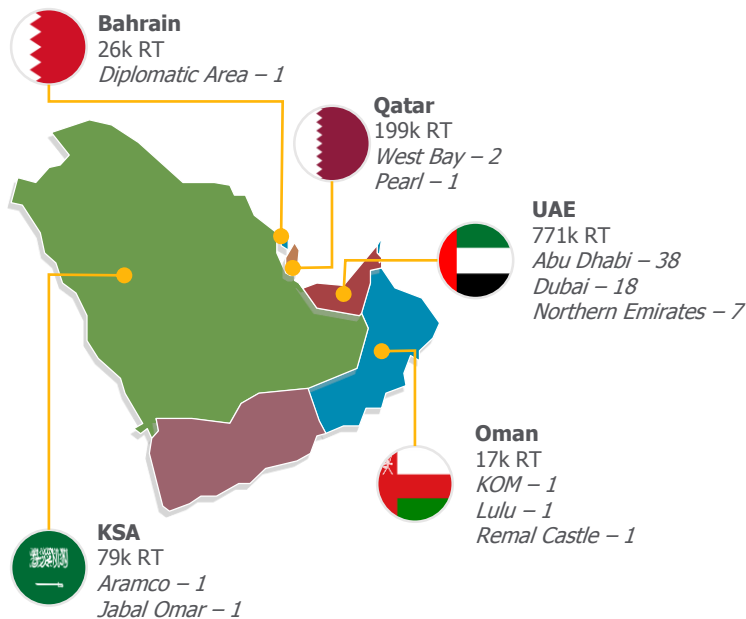
Etihad Towers



Jabal Omar  
Project

## The only publicly listed district cooling company in the world

- 5 GCC countries | 72 plants | 1.1m tons of cooling
- Uniform utility infrastructure model implemented across GCC
- Long term contracts underpinning stability of earnings and returns for shareholders



### National Central Cooling Company and its UAE investments

- 59 consolidated plants, 4 held through associates and joint ventures
- Plants in 6 emirates of the UAE - Abu Dhabi, Dubai, Ajman, RAK, Sharjah and Fujairah
- 771k RT delivered to clients including some of UAE's most prominent landmarks

**Landmark Projects: Dubai Metro, Dubai Parks and Resorts, Sheikh Zayed Grand Mosque, Yas Island, Al Maryah Island**

### Qatar District Cooling Company (Tabreed 44%)

- Joint Venture with United Development Company
- Owns and operates the world's largest DC plant on The Pearl with connected capacity of 112k RT
- Also owns and operates 2 DC plants and a concession in Qatar's West Bay (87k RT)

**Landmark Projects: The Pearl - Qatar, West Bay**

### Saudi Tabreed District Cooling Company (Tabreed 25%)

- Partnership with ACWA Holding and others
- Owns and operates first significant DC plant in KSA - Saudi Aramco (34k RT)
- Also owns and operates a DC plant in the Holy City of Mecca for Jabal Omar Development Co. (45k RT)
- Operates the DC plant servicing the landmark King Abdulla Financial District (KAFD) development (50k RT)

**Landmark Projects: Saudi Aramco, Jabal Omar Development**

### Bahrain District Cooling Company (Tabreed 90%)

- Owns and operates 1 DC plant (26k RT)
- Plant runs using sea water to provide cooling to the most prestigious developments in Bahrain

**Landmark Projects: Reef Island, Financial Harbour, World Trade Centre**

### Tabreed Oman (Tabreed 60%)

- A partnership between Tabreed and prominent Omani pension funds
- Owns and operates 3 plants serving Knowledge Oasis Muscat, Oman Avenues Mall and Remal Castle

**Landmark Projects: Knowledge Oasis Muscat and Oman Avenues Mall**

# Connected Capacity

- Tabreed previously announced **60k RT** of capacity additions across the GCC by end of 2018
- Of this, **44k RT** of new capacity already added during full year 2017
- Revised capacity guidance of **65k RT** to be added in 2018 and 2019

Consolidated	Q4 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017
UAE	657	661	667	668	668
Bahrain	23	23	26	26	26
Oman	14	14	16	17	17
<b>Total Consolidated</b>	<b>694</b>	<b>698</b>	<b>709</b>	<b>711</b>	<b>712</b>

Equity Accounted	Q4 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017
UAE	89	101	103	103	103
Qatar	188	192	196	196	199
KSA	77	77	77	77	79
<b>Total Equity Accounted</b>	<b>354</b>	<b>370</b>	<b>375</b>	<b>375</b>	<b>381</b>

<b>Total</b>	<b>1,048</b>	<b>1,068</b>	<b>1,084</b>	<b>1,087</b>	<b>1,092</b>
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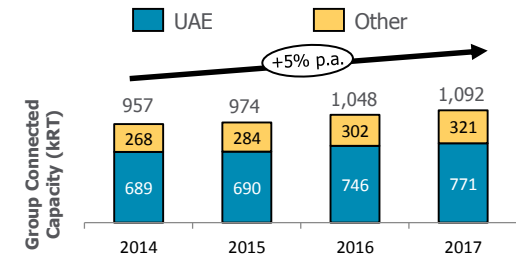
Target for 2017 and 2018: 60k RT  
Added during 2017: 44k RT



# 2017 Headline Performance

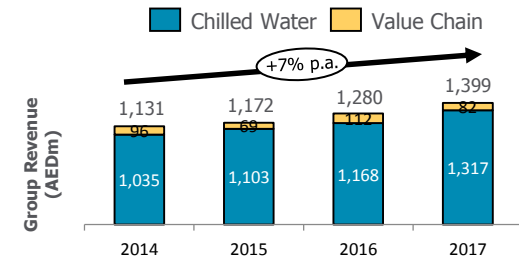
## Long-term contracts with credit worthy customers

- Providing almost 1.1m RT of cooling across GCC – growing 5% annually since 2014
- Long term contracts (~25 years) mean over 95% of contracted capacity locked in for at least the next 10 years
- Approaching 50% of UAE capacity contracted with Government customers



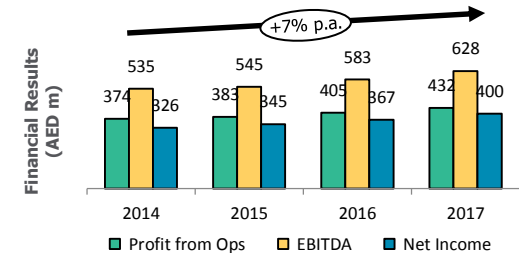
## Revenue growth from existing and new business

- Total Group Revenue up 9% in 2017, reaching AED 1,399m, driven by new capacity additions, utility pass through and CPI; 7% CAGR since 2014
- Utility business model leads to steady increases in revenue and profitability from existing customers



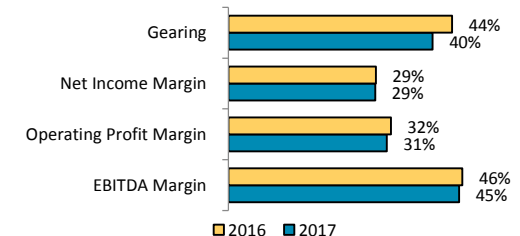
## Solid financial performance

- Predictability in earnings driven by capacity charge
- Net income and EBITDA have grown at 7% and 6% annually since 2014



## Value to shareholders

- EBITDA margin of 45% and sustained over recent years
- EPS up 9% during 2017 driven by chilled water business
- Proposed dividend of 8.0 fils, up from 6.5 fils in 2016



## 2. Financial Results

# 2017 Income Statement

Consolidated Financials (AED m)	2017	2016	Variance	%
Revenue	1,399	1,280	120	9%
Chilled water revenue (94%)	1,317	1,168	149	13%
Value chain businesses (6%)	82	112	-30	-27%
Operating cost	(772)	(682)	-90	13%
<b>Gross Profit</b>	<b>628</b>	<b>598</b>	<b>30</b>	<b>5%</b>
Gross profit margin	45%	47%		
Administrative and other expenses	(196)	(193)	-3	2%
<b>Profit from Operations</b>	<b>432</b>	<b>405</b>	<b>27</b>	<b>7%</b>
Operating profit margin	31%	32%		
Net finance costs	(161)	(156)	-6	4%
Other gains and losses	2	5	-3	-53%
Share of results of associates and joint ventures	129	117	12	10%
Income attributable to non-controlling interests	(2)	(4)	3	-61%
<b>Net Profit</b>	<b>400</b>	<b>367</b>	<b>33</b>	<b>9%</b>
Net profit margin	29%	29%		
<b>EBITDA</b>	<b>628</b>	<b>583</b>	<b>45</b>	<b>8%</b>
EBITDA margin	45%	46%		

## Key Observations

- Total Revenue growth of 9% driven by Chilled Water (+13%) capacity additions, consumption volume growth, CPI, and utility pass through
- Higher finance costs primarily reflect increase in EIBOR rates and full year impact of project financing for Dubai Parks and Nation Towers
- Associates and JVs continue to perform well with a 10% increase in share of results

Strong Chilled Water business driving overall performance; Stable utility infrastructure model with EBITDA margins of 45%

# 2017 Financial Position

Consolidated Financials (AED m)	Dec 31, 2017	Dec 31, 2016	Variance	%
Fixed Assets	6,874	6,977	(103)	-1%
Associates and Joint Ventures	826	826	0	0%
Accounts Receivable	517	409	108	26%
Cash and Short Term Deposits	418	390	28	7%
Other Assets	61	60	1	0%
<b>Total Assets</b>	<b>8,696</b>	<b>8,661</b>	<b>34</b>	<b>0%</b>
Equity and Reserves	4,797	2,666	2,131	80%
Mandatory Convertible Bonds – equity portion	-	1,772	(1,772)	-100%
Debt	3,169	3,424	(255)	-7%
Other Liabilities	730	799	(69)	-9%
<b>Total Liabilities and Equity</b>	<b>8,696</b>	<b>8,661</b>	<b>34</b>	<b>0%</b>

## Key Observations

- Increase in accounts receivables primarily due to short term timing delays in customer collection
- Increase in equity reflects the conversion of Mandatory Convertible Bonds (MCBs)
- Lower Debt primarily due to MCBs conversion

Robust Balance Sheet optimally positions Tabreed to capitalize on future growth opportunities

# 2017 Cash Flow Statement

Consolidated Financials (AED m)	2017	2016	Variance	%
<b>Profit from Operations</b>	<b>432</b>	<b>405</b>	<b>27</b>	<b>7%</b>
Finance lease amortization	56	48	7	15%
Depreciation	140	129	11	8%
Working Capital and Other adjustments	(73)	(30)	(43)	146%
<b>Net cash flows from Operating Activities</b>	<b>555</b>	<b>554</b>	<b>2</b>	<b>0%</b>
Capital expenditure incurred	(198)	(196)	(2)	1%
Investments in JVs	-	(92)	92	-100%
Dividends and interest income received	123	76	46	61%
Proceeds from land sale in Oman	-	11	(11)	-100%
<b>Net cash flows from Investing Activities</b>	<b>(74)</b>	<b>(200)</b>	<b>126</b>	<b>-63%</b>
Loans drawn down and principal repayments (net)	(67)	217	(283)	-131%
Interest payments	(144)	(122)	(22)	18%
MCB cash coupon paid	(43)	(86)	43	-50%
Others	(199)	(166)	(33)	20%
<b>Net cash flows from Financing Activities</b>	<b>(453)</b>	<b>(157)</b>	<b>(295)</b>	<b>188%</b>
<b>Net Movement in Cash and Cash Equivalents</b>	<b>28</b>	<b>197</b>	<b>(169)</b>	<b>-86%</b>
Cash and Cash Equivalents at the start of the period	390	193	197	102%
<b>Cash and Cash Equivalents at 31 December</b>	<b>418</b>	<b>390</b>	<b>28</b>	<b>7%</b>

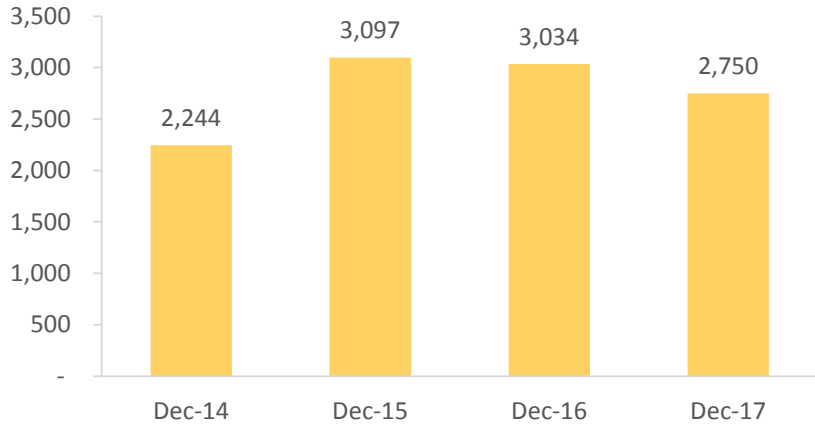
## Key Observations

- Operating cash generation remains strong due to higher profitability
- Capital expenditure included AED 100m paid to ICT for the acquisition of Nation Towers plant
- Higher interest payments due to increase in EIBOR rates and full year impact of project financing for Dubai Parks and Nation Towers
- Healthy cash balance of AED 418m at the end of 2017

Strong cash flow generation from long term price certain contracts enabling investment in growth

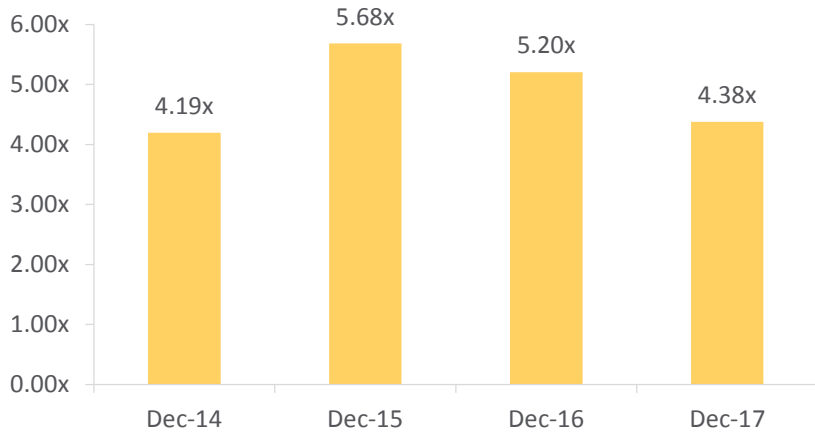
# Debt Portfolio

## Net Debt Profile (AED m)

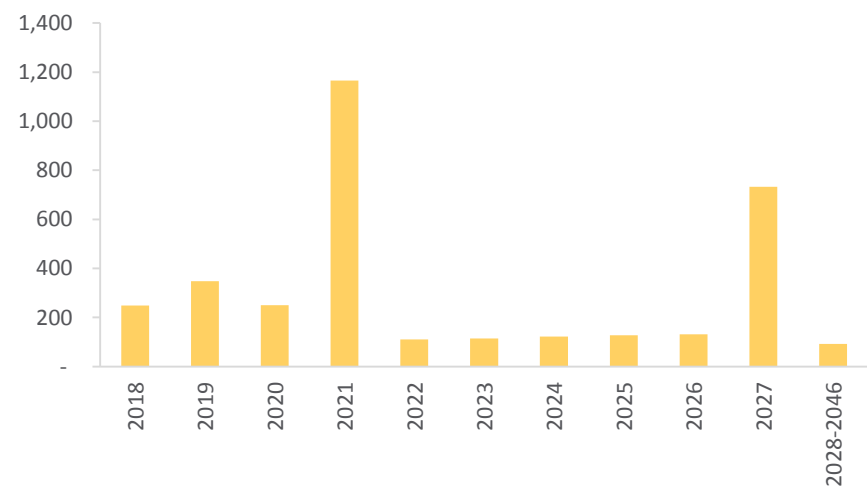


- Conservative leverage profile with current gearing of 40% (debt to debt + equity)
- 95% of debt is denominated in AED, with the balance in USD and OMR, in line with cash flow generation profile
- Target hedging range of 50-75%
  - Currently 57% of the total debt is hedged into fixed rate

## Net Debt to EBITDA (x)



## Debt Maturity Profile (AED m)



# 3. Conclusion

## Why District Cooling?

- District Cooling is a critical part of the growing GCC infrastructure
- District Cooling is 50% more efficient in consuming electricity than conventional cooling reducing energy consumption, carbon footprint, and state subsidies while also being 16% cheaper for the customer

## Why Tabreed?

- One of the largest district cooling companies in the world with experienced management team
- 20 years of excellent operational performance, on-time delivery of projects and expertise in financing DC assets
- Relationships with Government and key real estate developers across the region
- A strong shareholder base with Mubadala and ENGIE providing support to operations and growth
- Shari'a compliant status to Tabreed stock could potentially enhance liquidity and shareholder base

## Robust Financial Results

- Sustainable, stable and predictable results, low operating risk business model with strong margins
- Net income and EBITDA growth of 7% and 6% annually since 2014, driven by capacity additions and CPI pass through
- Stable utility infrastructure business model enables consistent YTD performance with ~45% EBITDA margins

## Seeking and investing in opportunities across GCC

- Focus on stable Chilled Water leading to enhanced value from existing plants and increasing operational efficiencies
- Seeking and investing in organic and inorganic projects across the GCC
- De-risking projects by using "take or pay" fixed date contracts and ring-fenced project financing

## Track record of delivering capacity growth

- 131k RT capacity added since 2014
- 60k RT of signed up capacity additions expected by the end of 2018, 44k RT delivered in 2017
- Regional footprint allows access to varied growth opportunities
- Operational track record, customer relationships and financial strength to benefit from growth in the region



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## Management looks forward to engaging with shareholders and investors at the following events

EFG - The 14<sup>th</sup> Annual One on One Conference, Dubai

First quarter earnings call

Second quarter earnings call

Third quarter earnings call

Arqam Investors Conference

5 March – 7 March 2018

End of April 2018

End of July 2018

End of October 2018

November 2018

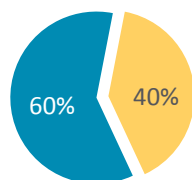
# Appendices

# Stable Core Business Model Delivering Consistent Performance

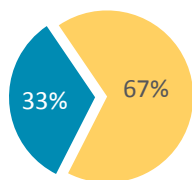
## 2017 Profit Statement (% of revenue)

Chilled Water	Capacity (fixed)	Consumption (variable)	Total
<b>Revenue, net of amortization</b>	<b>60</b>	<b>40</b>	<b>100</b>
Utility Costs		(35)	(35)
Plant operation & maintenance	(11)		(11)
Depreciation	(9)		(9)
Gross Profit	<b>40</b>	<b>5</b>	<b>45</b>
Corporate overheads	(13)		(13)
<b>Profit from Operations</b>	<b>27</b>	<b>5</b>	<b>32</b>
Add: Depreciation & amortisation	14		14
<b>EBITDA</b>	<b>42</b>	<b>5</b>	<b>47</b>
<b>EBITDA Margin</b>	<b>69%</b>	<b>13%</b>	<b>47%</b>

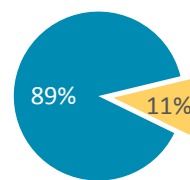
60% of the revenue is fixed



Only 33% of the cost is against fixed revenue, rest is passed through



Hence, 89% of the EBITDA is from capacity revenue



■ Capacity ■ Consumption

## Billing structure and profitability

- Tabreed bills customers for capacity (fixed) charges and consumption (variable) charges
- Capacity charges reflect the cooling capacity (in RT) reserved for the customer and are generally fixed, subject to escalation based on country CPI every year
- Consumption charges recover the cost of cooling consumed. Contractually, any change in variable cost is generally passed through to the customers
- Tabreed's EBITDA is driven by capacity charges allowing recovery of plant operation cost, corporate overheads and providing a strong return on capital invested