



شركة الكهرباء والماء القطرية ش.م.ق.  
QATAR ELECTRICITY & WATER CO. Q.P.S.C

# Qatar Electricity & Water Company Q.P.S.C

## Q1 2023 Financial Results Investor Presentation

*16<sup>th</sup> April, 2023*



## Disclaimer

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## Executive Summary

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- Net Profit for Q1 2023 is QR 401m (3% higher compared to previous year).
- Operating Revenue for Q1 2023 is QR 658m (16% higher compared to previous year).
- QEWC repaid the USD 550m loan to Mizuhu during Q1 2023.



## Performance Highlights – Q1 2023

**QAR 658m**

**Revenue**

**16% (vs. previous year)**

**QAR 421m**

**EBITDA**

**11% (vs. previous year)**

**QAR 401m**

**Net profit**

**3% (vs. previous year)**

**Supplied 5.45m MW**

**Electricity**

**-3% (vs. previous year)**

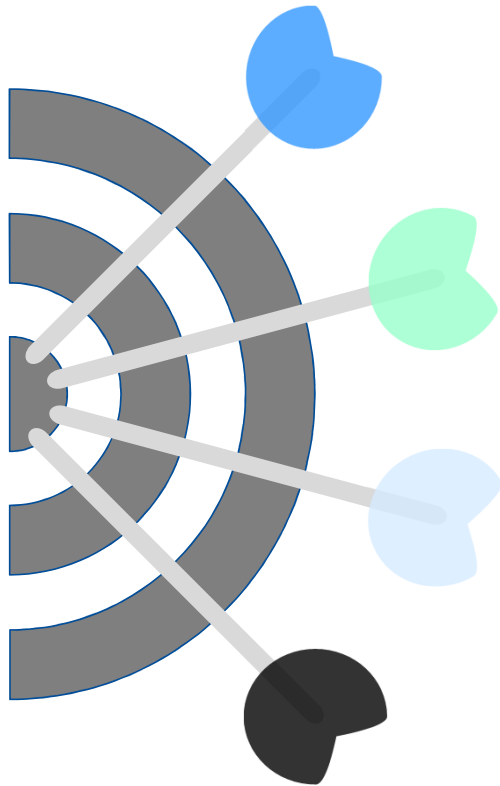
**Supplied 105.3m CBM**

**Water**

**-3% (vs. previous year)**



## Key Investment Highlights



**Second largest utilities company in the field of power generation and water desalination in the MENA region**

**Main supplier of electricity and desalinated water in Qatar via its critical infrastructure assets – market share of 55% of electricity and 73% of water**

**Guaranteed revenue generation from long-term contracts with State-owned Qatar General Electricity and Water Corporation (“Kahramaa”)**

**Stable operating costs from long-term fuel supply agreements with Qatar Petroleum**

**Excellent cash generation capability with strong track record of dividend distribution year on year since 2009**

**Solid financial position confirmed by credit rating ‘A1’ with stable outlook**



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## Overview of Local Assets – Fully Owned

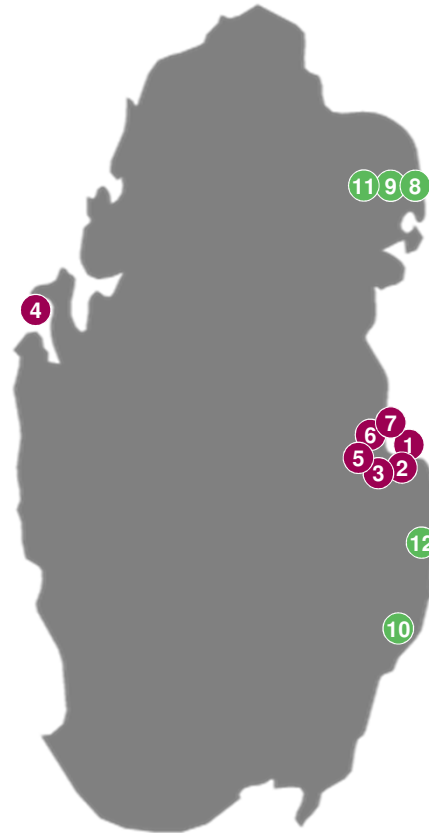
- QEWC has young asset fleet with capacity-weighted average asset age of c. 9 - 12 years


1	<b>RAF B Station</b>	
Location	Al Wakrah, Qatar	
Ownership	100%	
Power capacity	609 MW	
Water capacity	33 MIGD	


2	<b>RAF B1 Station</b>	
Location	Al Wakrah, Qatar	
Ownership	100%	
Power capacity	376 MW	
Water capacity	-	


3	<b>RAF B2 Station</b>	
Location	Al Wakrah, Qatar	
Ownership	100%	
Power capacity	567 MW	
Water capacity	30 MIGD	



4	<b>Dukhan Station</b>	
Location	Dukhan, Qatar	
Ownership	100%	
Power capacity	-	
Water capacity	2 MIGD	



5	<b>RAF A1 Station</b>	
Location	Al Wakrah, Qatar	
Ownership	100%	
Water capacity	45 MIGD	

6	<b>RAF A2 Station</b>	
Location	Al Wakrah, Qatar	
Ownership	100%	
Power capacity	-	
Water capacity	36 MIGD	

7	<b>RAF A3 Station</b>	
Location	Al Wakrah, Qatar	
Ownership	100%	
Power capacity	-	
Water capacity	36 MIGD	

-  Fully owned assets
-  Partially owned assets





## Overview of Local Assets – Partially Owned

- QEWC has young asset fleet with capacity-weighted average asset age of c. 9 - 12 years

8	<b>Ras Laffan Power Company</b>	
Location	Ras Laffan, Qatar	
Ownership	80%	
Power capacity	756 MW	
Water capacity	40 MIGD	

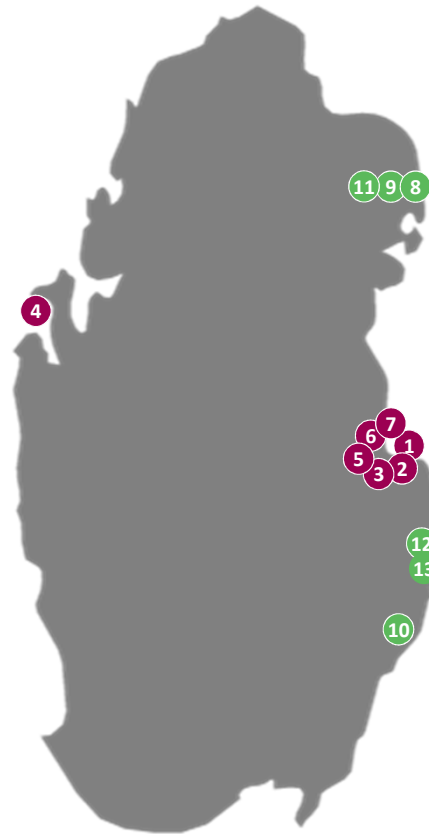
9	<b>Qatar Power Company</b>	
Location	Ras Laffan, Qatar	
Ownership	55%	
Power capacity	1,025 MW	
Water capacity	60 MIGD	

10	<b>Mesaieed Power Company</b>	
Location	Mesaieed, Qatar	
Ownership	40%	
Power capacity	2,007 MW	
Water capacity	-	

11	<b>Ras Girtas Power Company</b>	
Location	Ras Laffan, Qatar	
Ownership	45%	
Power capacity	2,730 MW	
Water capacity	63 MIGD	

12	<b>Umm Al Houl Power Company</b>	
Location	Umm Al Houl, Qatar	
Ownership	60%	
Power capacity	2,520 MW	
Water capacity	136.50 MIGD	

13	<b>Umm Al Houl Power Expansion</b>	
Location	Umm Al Houl, Qatar	
Ownership	60%	
Power capacity	-	
Water capacity	61.45 MIGD	



- Fully owned assets
- Partially owned assets
- Under Construction



## Overview of International Operations via Nebras Power

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- Nebras current Asset Portfolio includes 22 power generating assets located in 8 Countries, spread over 4 continents.
- Nebras current capacity is a mix of various technologies such as Solar, Natural Gas, Coal, Wind and Hydroelectric.
- Total equity adjusted power capacity currently owned by Nebras is approximately 1,800MW.
- Equity adjusted capacities under construction/ development stage is approximately 800MW.
- Nebras Assets are listed in the following slides with relevant details



## Overview of International Operations via Nebras Power

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Amman East IPP- Jordan</b>	381	23.4%	Natural Gas	AES Corporation (36.6%) Mitsui & Co. (40%)	Operational

The power plant comprises of 2 gas turbines and 1 steam turbine and it has started its commercial operation in 2009.

All the electricity produced and the capacity made available by Amman East IPP is purchased by National Electric Power Company (NEPCO) under a long term Power Purchase Agreement (“PPA”) until 2034.

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>IPP 4 - Jordan</b>	250	24%	Multi-Fuel	AES Corporation (36%) Mitsui & Co. (40%)	Operational

The power plant comprises of 16 Wartsila tri-fuel turbines and it has started its commercial operation in 2014.

All the electricity produced and the capacity made available by IPP is purchased by National Electric Power Company (NEPCO) under a long term Power Purchase Agreement (“PPA”) until 2039.



## Overview of International Operations via Nebras Power

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Shams Ma'an Power - Jordan</b>	66	35%	Solar	Mitsubishi (35%) Kawar (30%)	Operational

Shams Ma'an owns and operates a 66 MW solar farm power. The plant has started its commercial operation in 2016.

All the electricity produced and the capacity made available by Shams Ma'an IPP is purchased by National Electric Power Company (NEPCO) under a long term Power Purchase Agreement ("PPA") until 2036.

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>AM Solar - Jordan</b>	52	24%	Solar	AES Corporation (36%) Mitsui & Co. (40%)	Operational

AM Solar owns a 52 MW solar plant in Jordan, which started its commercial operation in September 2019.

All electricity produced and the capacity made available by AM Solar IPP is purchased by National Electric Power Company (NEPCO) under a long term Power Purchase Agreement ("PPA") until 2039.



## Overview of International Operations via Nebras Power

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Amin Solar – Oman</b>	125	9.9%	Solar	Marubeni (50.1%) Oman Gas Co. (30%) Bahwan Renewable (10%)	Operational

Amin Renewable Energy Company owns the first utility scale solar plant in Oman, Amin IPP solar plant.

Amin IPP has a total capacity of 125 MW. The plant started its commercial operation in Q2 2020.

All the electricity produced and the capacity made available by AREC is purchased by Petroleum Development Oman (PDO) under a long term Power Purchase Agreement ("PPA") until 2043.

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Phoenix Power Company - Oman</b>	2,000	9.75%	Natural Gas	Marubeni (32.5%) Chubu (19.5%) Multitech (3.25%) Public (35%)	Operational

The power station comprises of 5 gas turbines and 3 steam turbines and it has started commercial operations in 2014.

All the electricity produced and the capacity made available by Sur IPP is purchased by Oman Power and Water Procurement Company (OPWP) under a long term Power Purchase Agreement ("PPA") until 2029.

The plant is operated and maintained by Phoenix Operation & Maintenance Company.



## Overview of International Operations via Nebras Power

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Paiton Energy - Indonesia</b>	2,046	26%	Coal	Mitsui & Co PT Medco Daya Energi Sentosa	Operational

Paiton Energy operates three power generating units (P7, P8 and P3) at the Paiton Power Complex in East Java.

P7 and P8 commenced commercial operations in 1999 and P3 in 2012.

All electricity produced and the capacity made available by Paiton is purchased by PLN under a long-term Power Purchase Agreement (“PPA”) until 2042.

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Zonnepark Mosselbanken Terneuzen - Netherlands</b>	60	40%	Solar	Gutami Solar Development B.V. (60%)	Operational

Construction of the first project completed in March 2022, the project was commissioned in April 2022 and is now operational and delivering power to the grid.

ZMT takes advantage of a Stimulation of Sustainable Energy Transition (SDE+) supply subsidy which was granted in January 2020 by the Dutch government to facilitate the development of sustainable and renewable energy projects in the Netherlands.



## Overview of International Operations via Nebras Power

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Zon Exploitatie Holding BV - Netherlands</b>	39	75%	Solar	Michel Peek Beheer B.V. (25%)	Operational

ZEN develops, finances, constructs and operates large rooftop and ground mounted utility scale installations for solar energy in the Netherlands.

ZEN currently has 39 MW of solar capacity in operation, under construction or ready for construction/development and intends to grow further, taking advantage of the supportive policy of the Netherlands government for renewable projects.

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Zonnepark Duisterweg- Netherlands</b>	14.5	40%	Solar	Gutami Solar Development B.V. (60%)	Under Construction

Zonnepark Duisterweg is a 14.5 MW solar energy power plant located in the Netherlands, fully regulated under the renewable energy subsidy program.

It is the second largest solar power plant in its district. The project is fully developed and at the ready-to-build stage. EPC works are in the tendering process.



## Overview of International Operations via Nebras Power

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Salgueiro – Brazil</b>	114.3	80%	Solar	Canadian Solar (20%)	Operational
<b>Jaíba – Brazil</b>	101.6				
<b>Lavras- Brazil</b>	152.4				
<b>Francisco Sá - Brazil</b>	114.3				

All the plants achieved commercial operation during 2021/ 2022. Nebras Power power acquired 80 percent stake in four solar projects in 2019 that comprise the largest bi-facial solar portfolio in Latin America with a total capacity of 412.5 MWac (482.6 MWp).

All plants benefited from the Brazilian federal government's auction of a Power Purchase Agreement ("PPA") and will supply energy through CCEE (Chamber of Electric Energy Commercialization) until 2041.

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Stockyard Hill - Australia</b>	527.6	49%	Wind	Goldwind Australia (51%)	Operational

Stockyard Hill Wind Farm (SHWF) is located in Western Victoria between the towns of Beaufort and Skipton.

The construction and turbine installation stages are complete with the wind farm near to the completion of commissioning. All 149 wind turbines are now in operation.

Under the Offtake Agreement between Stockyard Hill Wind Farm and Origin Energy Electricity Limited, Origin will buy all green products and has entered into offtake arrangements in respect of the entire electrical output of the windfarm until 2030.





## Overview of International Operations via Nebras Power

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	COD Date
<b>Scythia 1 – Ukraine</b>	13	75%	Solar	UDPR Solar Limited(25%)	February 2019
<b>Scythia 2 – Ukraine</b>	33				July 2019
<b>Terslav – Ukraine</b>	20				June 2020
<b>Sun Power – Ukraine</b>	6.5				November 2019
<b>Free Energy - Ukraine</b>	18.5			Keldima Limited (25%)	December 2018

All electricity produced and the capacity made available by above projects are purchased by the Guaranteed Buyer Company under the Feeding Tariff Regime (FIT) till end of 2029.

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>NEC Energia – Brazil</b>	72.5	50%	Hydroelectric	Companhia Energética Integrada –CEI (50%)	Operational

NEC Energia is a joint venture company that owns and manages 18 hydroelectric plants in Brazil, with an installed capacity of 72.5 MW.

NEC Energia also encompasses the subsidiary, BEI – a service company that provides operation, maintenance, and engineering for power plants.

In addition to a portfolio of solarPV projects that are underdevelopment, the partnership has a clear objective of advancing NEC's growth through the acquisition of operating assets and the development and construction of greenfield projects.



## Overview of International Operations via Nebras Power

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Unique Meghnaghat Power Limited - Bangladesh</b>	584	24%	Natural Gas	Unique Group, SFL GE	October 2023

UMPL is a 584 MW gas fired combined cycle power plant is under construction in the Meghnaghat region situated in Sonargaon of Narayanganj district of Bangladesh.

The Project will operate on natural gas/Re-gasified Liquefied Natural Gas (RLNG) and will be based on the combined-cycle technology.

UMPL has already signed Power Purchase Agreement (PPA) with Bangladesh Power Development Board (BPDB), Implementation Agreement (IA) with the Government of Bangladesh, and Gas Supply Agreement (GSA) with Titas Gas Transmission and Distribution Company Limited (TGTDCL) of Government of Bangladesh.

Name of the Asset	Capacity (MW)	Nebras Ownership	Fuel Type/ Technology	Other Partners	Operational/ Expected COD
<b>Syrdarya II power plant - Uzbekistan</b>	1,600	33.33%	Natural Gas	EDF, Sojitz Kyuden	2025/2026

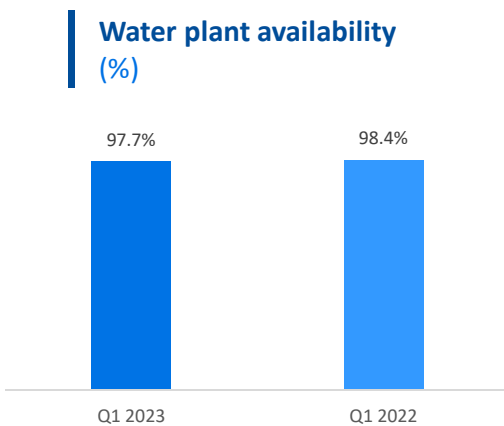
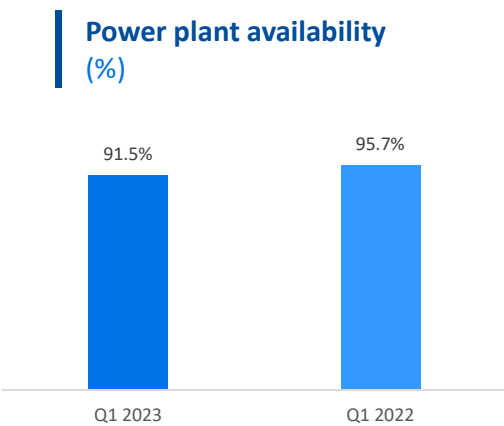
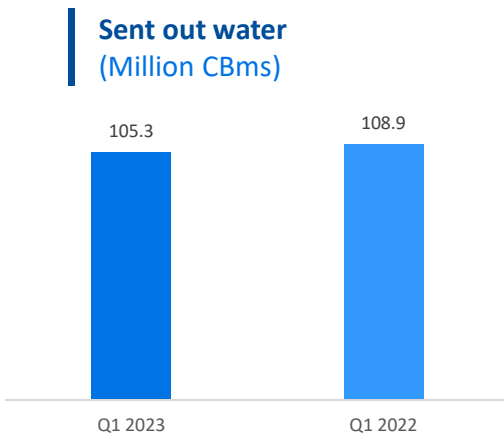
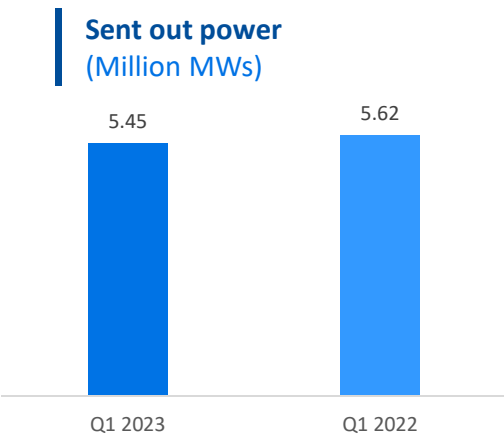
Nebras Power has partnered with an international consortium of companies, including French company EDF (Électricité de France) and Japanese-based Sojitz Corporation and Kyuden Group to bid for the project. The alliance submitted the winning tender to build and manage the 1600 MW power facility in the region of Syrdarya, south of the capital city of Tashkent.

PPA and EPC Contracts signed and project is expected to be commissioned by 2025/ 2026



# Operational Performance – Q1 2023

- Sent Out Power and Water Figures (Proportionately Consolidated) from QEWC and JV Companies during Q1 2023 compared with the previous year are provided.
- Sent out power and sent out water are 3% lower, when compared to same period in previous year.
- Lower sent out power and water is mainly due to outages (scheduled and unscheduled) in fully owned plants, which resulted in KM taking more power and water from JV company plants.
- Combined Plant Availability at QEWC and JV Companies during Q1 2023 compared with the same period previous year provided.
- Lower power plant availability in 2023 is mainly due to outages for scheduled major maintenance works.





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## Key Financial Highlights

		Q1 2023	Q1 2022	
1	Revenue	QAR 658m	QAR 565m	<ul style="list-style-type: none"><li>▪ Full Consolidation of Nebras.</li><li>▪ Change in revenue recognition as required by KM in RAF B and impact of higher fuel price in RAF B1</li></ul>
2	EBITDA	QAR 421m	QAR 379m	<ul style="list-style-type: none"><li>▪ Full consolidation of Nebras</li><li>▪ Profit on sale of QEWC interest in Siraj Energy partially offset by lower dividend income.</li></ul>
3	Net profit	QAR 401m	QAR 389m	<ul style="list-style-type: none"><li>▪ Profit on sale of QEWC interest in Siraj Energy</li><li>▪ Offset by:<ul style="list-style-type: none"><li>• lower dividend income</li><li>• higher net interest cost</li></ul></li></ul>
4	Earnings per share ("EPS")*	QAR 0.36	QAR 0.35	



## Profit and Loss Statement

<i>QAR millions</i>	<i>Q1 2023</i>	<i>Q1 2022</i>
<b>Revenue</b>	<b>658</b>	<b>565</b>
Cost of sales	(454)	(360)
<b>Gross profit</b>	<b>204</b>	<b>205</b>
General and administrative expenses	(64)	(41)
Interest Income	76	25
Other Income	120	143
<b>Operating profit</b>	<b>336</b>	<b>332</b>
Finance costs	(136)	(31)
Share profit of joint ventures	132	92
Profit on sale of interest in JVs	78	-
Minority Interest	(9)	(4)
<b>Profit for the year*</b>	<b>401</b>	<b>389</b>
<b>Basic and diluted EPS (QAR per share)*</b>	<b>0.36</b>	<b>0.35</b>



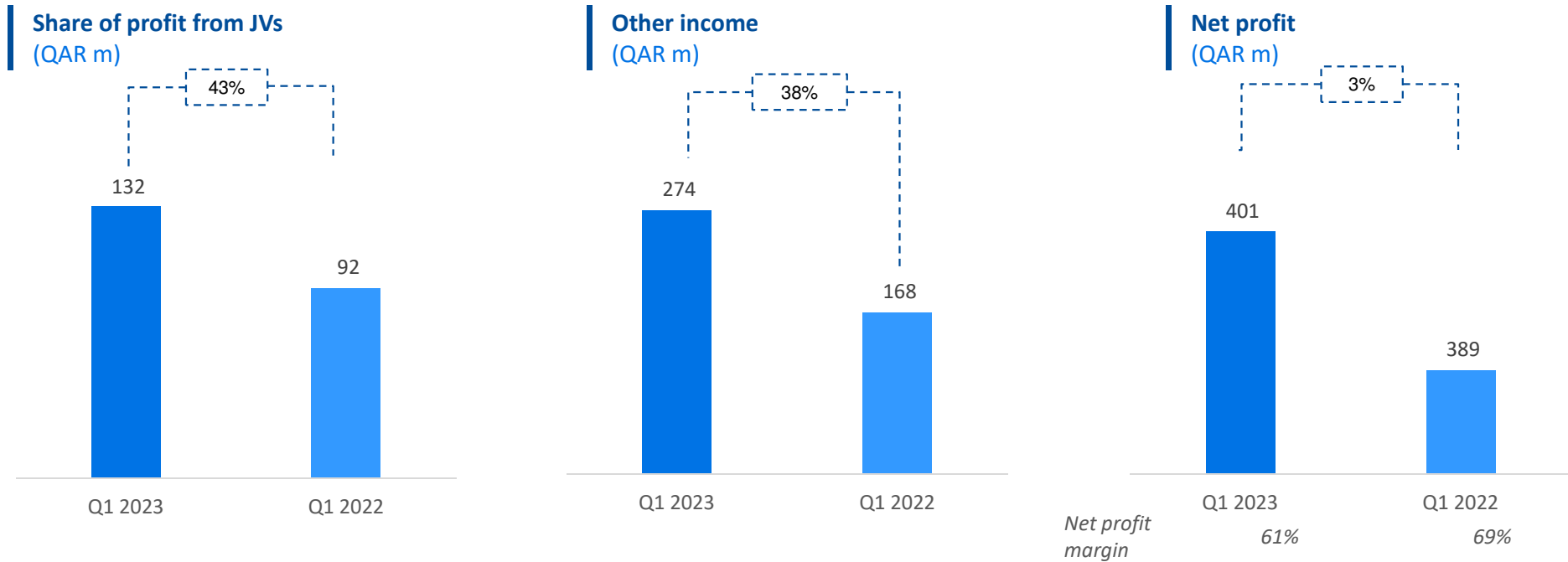
## Financial Performance – P&L Q1 2023 Comparison with Previous year



- Higher revenue due to change in revenue recognition at RAF B, impact of higher fuel price in RAF B1 and full consolidation of Nebras.
- Higher EBITDA is due to full consolidation of Nebras and recognition of profit on sale of interest in Siraj Energy partially offset by lower dividend income



## Financial Performance – P&L Q1 2023 Comparison with Previous year

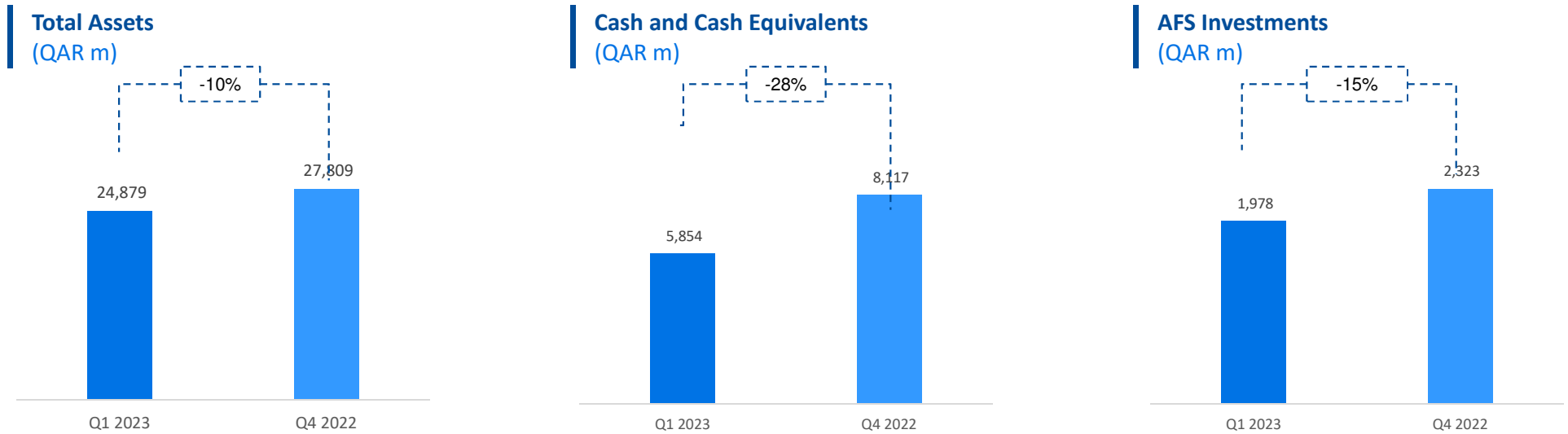


- Higher Share of profit from JVs is mainly due to inclusion of share of Profit from Nebras JVs.
- Higher Other Income is due to profit on sale of interest in Siraj Energy and higher interest income partially offset by lower dividend income.





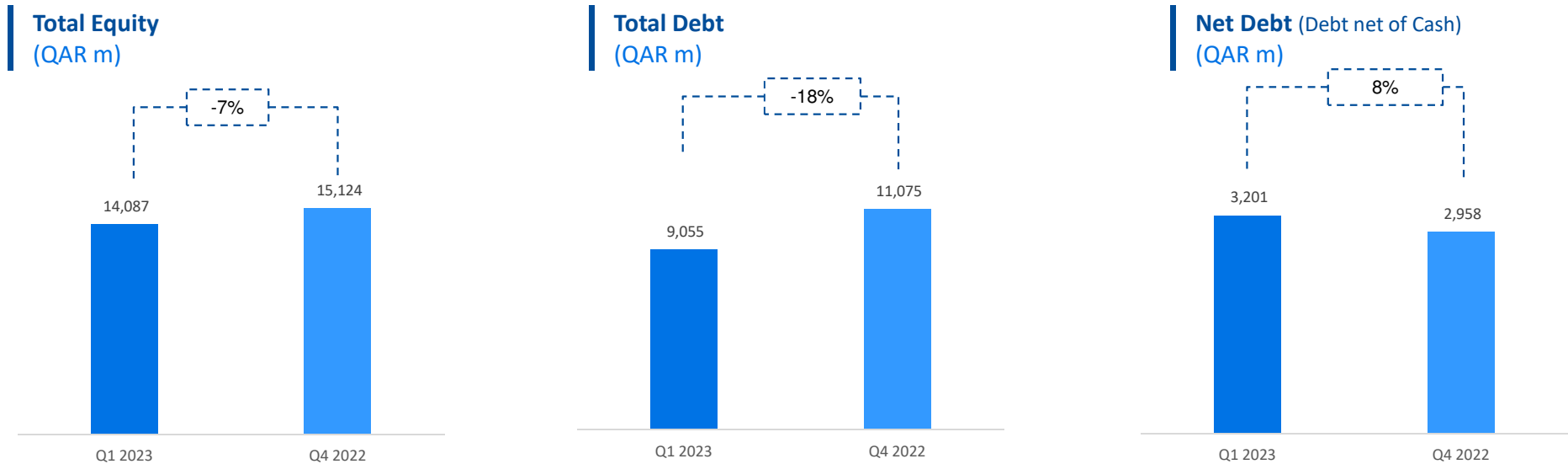
## Financial Position – Comparison with Previous year end



- Decrease in Total Assets and Cash are mainly due to repayment of USD 550m mizuho loan.
- Drop in value of AFS investments are mainly due to partial sale of AFS investment during Q1 2023 and drop in the market price.



## Financial Position – Comparison with Previous year end



- Decrease in total equity is mainly due to movement in Hedge reserve.
- Decrease total debt mainly due to repayment of USD 550m loan to Mizuhu.



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# Shareholder Information (as at 31 March 2023)

## General information

Company name	<b>Qatar Electricity and Water Company Q.P.S.C.</b>
Ticker (QE)	<b>QEWS</b>
Share price	<b>QAR 17.70</b>
Market Capitalization	<b>QAR 19.47b</b>
Common Shares Outstanding	<b>1.1b</b>
Free Float	<b>60%</b>

Figures as at 31<sup>st</sup> March 2023 and in QAR. Unless, otherwise stated.

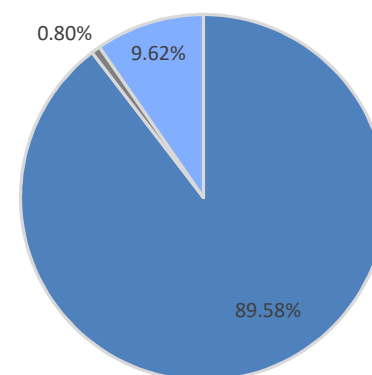
## Share price performance versus DSM for 1<sup>st</sup> Quarter 2023

Share price performance (as at)	QEWC % change	DSM % change
Jan	0.5%	2.4%
Feb	-1.9%	-3.3%
Mar	-3.3%	-3.4%

Source: QE Website

## Shareholder structure

(ownership percentage – 31<sup>st</sup> Mar 2023)



■ Qatari ■ GCC ■ Foreigners

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# Company Profile

## About us

- QEWC is a Qatari public joint stock company established for the purpose of owning and managing power generation and water desalination stations and the sale of their products
- QEWC is one of the first private sector companies in the region engaged in the generation of electricity and desalination of water
- The company is managed by the Board of Directors consisting of eleven members headed by His Excellency Saad Bin Sherida Al-Kaabi, Minister of State for Energy Affairs

## Success

**One of the largest companies in the field of power generation and water desalination in the MENA region.**

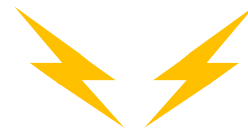
**Main supplier of electricity and desalinated water in Qatar.**

**QEWC is credit rated 'A1' by Moody's, with a stable outlook.**

## Operational outreach



## Capacity



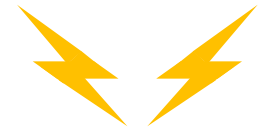
10,590 MW of electricity\*



543 MIGD of water\*

\* including JVs

**Nebras (100% owned by QEWC)**



1,800+ MW of electricity, outside Qatar