

ACCELERATING GROWTH TO SUPPORT ENERGY SECTOR NEEDS IN A CARBON-FREE FUTURE

ORMAT 2022 ANALYST & INVESTOR DAY

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This presentation contains statements relating to current expectations, estimates, forecasts and projections about future events that are "forwardlooking statements" as defined in the Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical facts, included in this presentation that address activities, events or developments that we expect or anticipate will or may occur in the future, including such matters as our projections of annual revenues, expenses and debt service coverage with respect to our debt securities, future capital expenditures, business strategy, competitive strengths, goals, development or operation of generation assets, market and industry developments and the growth of our business and operations, are forward-looking statements. When used in this press release, the words "may", "will", "could", "should", "expects", "plans", "anticipates", "believes", "estimates", "predicts", "projects", "potential", or "contemplate" or the negative of these terms or other comparable terminology are intended to identify forward-looking statements, although not all forward-looking statements contain such words or expressions. These forward-looking statements generally relate to Ormat's plans, objectives and expectations for future operations and are based upon its management's current estimates and projections of future results or trends. Although we believe that our plans and objectives reflected in or suggested by these forward-looking statements are reasonable, we may not achieve these plans or objectives. Actual future results may differ materially from those projected as a result of certain risks and uncertainties, including: our financial performance depends on the successful operation of our geothermal and REG power plants; our exploration, development, and operation of geothermal energy resources are subject to geological risks and uncertainties; we may experience a cyber incident, cyber security breach, severe natural event or physical attack on our operational networks and information technology systems; concentration of customers, specific projects and regions may expose us to heightened financial exposure; our international operations expose us to risks related to the application of foreign laws and regulations; political, economic and other conditions in the emerging economies where we operate may subject us to greater risk than in the developed U.S. economy;

conditions in and around Israel may adversely affect our operations and may limit our ability to produce and sell our products or manage our power plants; continued reduction in our Products backlog may affect our ability to fully utilize our main production and manufacturing facilities; some of our leases will terminate if we do not extract geothermal resources in "commercial quantities": our BLM leases may be terminated if we fail to comply with any of the provisions of the Geothermal Steam Act or the terms or stipulations of such leases; some of our leases could terminate if the lessor defaults on any debt secured by the relevant property; reduced levels of recovered energy required for the operation of our REG power plants may result in decreased performance of such power plants; our business development activities may not be successful and our projects under construction may not commence operation as scheduled; we rely on power transmission facilities that we do not own or control; our use of joint ventures may limit our flexibility with jointly owned investments; our operations could be adversely impacted by climate change; geothermal and storage projects that we are operating, currently developing and/or plan to develop in the future may be exposed to market fluctuations; we may not be able to successfully conclude the transactions and integrate companies that we acquired and may acquire in the future; we encounter intense competition from other companies in our industry; changes in costs and technology may significantly impact our business by making our power plants and products less competitive; our intellectual property rights may not be adequate to protect our business: our financial performance could be adversely affected by changes in the legal and regulatory environment; a failure to supply contracted capacity and energy may result in the imposition of penalties; if any of our domestic power plants loses its current Qualifying Facility status under PURPA, or if amendments to PURPA are enacted that substantially reduce the benefits currently afforded to Qualifying Facilities, our domestic operations could be adversely affected; we may experience a reduction or elimination of government incentives; compliance with federal, state, local and foreign environmental laws and obtaining and maintaining environmental permits and governmental approvals may result in liabilities, costs and delays in construction:



DISCLAIMER, MARKET & INDUSTRY DATA, AND NON-GAAP METRICS

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we could be exposed to significant liability for violations of hazardous substances laws; we may be unable to obtain the financing we need on favourable terms to pursue our growth strategy; if our project subsidiaries default on their obligations under limited or non-recourse debt or lease financing, we may be required to make certain payments to the relevant debt holders, and if the collateral supporting such leveraged financing structures is foreclosed upon, we may lose certain of our power plants; we may not be able to obtain sufficient insurance coverage to cover damages resulting from any damages to our assets and profitability including, but not limited to, natural disasters such as volcanic eruptions, lava flows, wind and earthquakes;

the global spread of a public health crisis, including the COVID-19 pandemic may have an adverse impact on our business; the existence of a prolonged force majeure event or a forced outage affecting a power plant, or the transmission systems could reduce our net income, and other risks described under "Risk Factors" in Ormat's annual report on Form 10-K filed with the Securities and Exchange Commission ("SEC") on February 25, 2022 and in Ormat's annual reports on Form 10-K and quarterly reports on Form 10-Q that are filed from time to time with the SEC.

These forward-looking statements are made only as of the date thereof, and, except as legally required, we undertake no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

MARKET & INDUSTRY DATA

This presentation includes market and industry data and forecasts that we have derived from publicly available information, various industry publications, other published industry sources and internal data and estimates. Industry publications and other published industry sources generally indicate that the information contained therein was obtained from sources believed to be reliable. Internal data and estimates are based upon information obtained from trade and business organizations and other contacts in the markets in which we operate and our management's understanding of industry conditions. Any estimates underlying such market-derived information and other factors could cause actual results to differ materially from those expressed in the independent parties' estimates and in our estimates.

NON-GAAP METRICS

This presentation, and the accompanying oral presentation, include certain financial measures not presented in accordance with the generally accepted accounting principles in the United States ("GAAP"), including EBITDA, Adjusted EBITDA and net debt. These measures may exclude items that are significant in understanding and assessing the Company's financial results. Therefore, these measures should not be considered in isolation and are not a substitute for, superior to, measures of financial performance prepared in accordance with GAAP. You should be aware that the Company's presentation of these non-GAAP measures may not be comparable to similarly titled measures used by other companies, which may be defined and calculated differently. Please see the appendix to this presentation for a reconciliation between such non-GAAP measures and the most comparable GAAP measures.

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01	09:00	DORON BLACHAR, CEO Advancing our strategy To support energy sector needs in a carbon-free future
02	09:10	PAUL THOMSEN, VP BUSINESS DEVELOPMENT The increasing value of geothermal in a carbon-free future
03	09:30	DORON BLACHAR, CEO Continue to deliver profitable growth in the electricity segment
	10:00	Q&A and Break
04	10:30	OFER BEN YOSEF, EVP ENERGY STORAGE AND BUSINESS DEVELOPMENT Well positioned to deliver accelerated growth in storage
05	11:00	ASSI GINZBURG, CFO Product segment
06	11:15	ASSI GINZBURG, CFO Financial overview
07	11:30	DORON BLACHAR, CEO Key takeaways and Q&A
	12:00	Lunch



OUR SPEAKERS FOR TODAY



DORON BLACHAR CEO



ASSI GINZBURGCFO



OFER BENYOSEFEVP ENERGY STORAGE
& BUSINESS DEVELOPMENT



PAUL THOMSENVP BUSINESS DEVELOPMENT



SMADAR LAVI

VP, HEAD OF IR

& ESG PLANNING AND REPORTING



MANAGEMENT PARTICIPANTS



SHLOMI ARGAS
PRESIDENT, HEAD OF
OPERATIONS AND PRODUCTS



SHIMON HATZIR
EVP ELECTRICITY SEGMENT



JESSICA WOELFEL
GENERAL COUNSEL & CCO



MIKE PAVO
HEAD OF STORAGE OPERATIONS





01

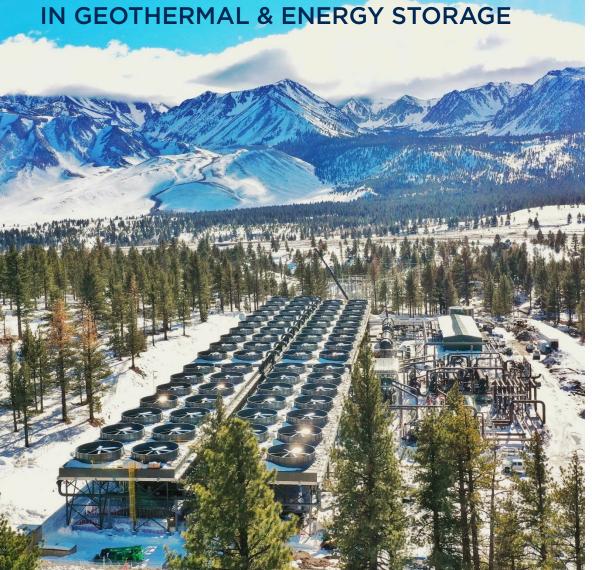
ADVANCING OUR STRATEGY

TO SUPPORT ENERGY SECTOR NEEDS IN A CARBON-FREE FUTURE

DORON BLACHAR | CEO

A LEADING RENEWABLE ENERGY PROVIDER

WITH A PROVEN TRACK RECORD IN GEOTHERMAL & ENERGY STORAGE



Over

55

Years of experience

Own & operate

~1.1_{GW}

Geothermal, Storage, Solar PV & REG⁽¹⁾

1,400 Employees

\$663_M

2021 revenues

\$401_M

2021 adj. EBITDA⁽²⁾

\$62_M

2021 Net income⁽³⁾

- (1) REG Recovered Energy Generation
- (2) See appendix for reconciliation of non-GAAP financial measures.
- (3) Net income attributable to the company stockholders



OUR BUSINESS SEGMENTS







PRODUCT

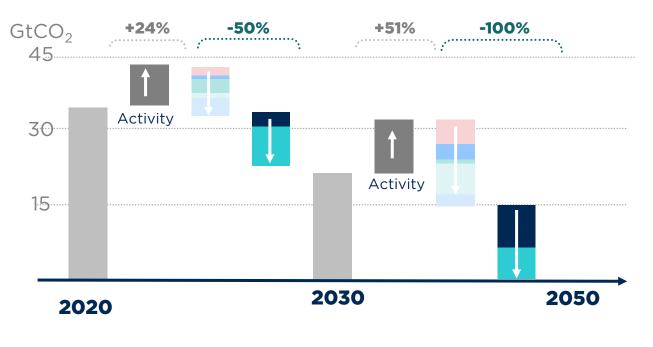


ENERGY STORAGE



GLOBAL NET ZERO BY 2050 ROADMAP FOR THE GLOBAL ENERGY SECTOR

EMISSION REDUCTION BY MITIGATION MEASURES IN THE NET ZERO EMISSION SCENARIO



RENEWABLES AND **ELECTRIFICATION** PLAY KEY ROLES IN ACHIEVING NET ZERO EMISSION SCENARIO BY 2050



Renewables

■ Electrification

Energy efficiency

CCUS
Bio energy

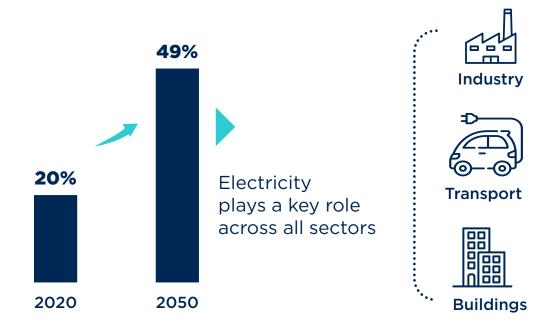
Hydrogen and hydrogen-based fuels
Rehavioral changes

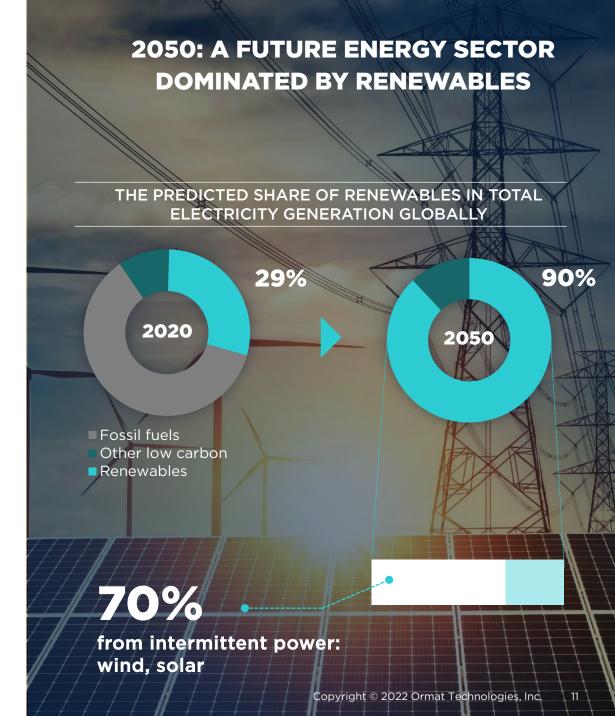
Behavioral changes

GLOBAL ELECTRICITY DEMAND EXPECTED TO MORE THAN DOUBLE

BETWEEN 2020 AND 2050

THE PREDICTED INCREASE IN THE SHARE OF ELECTRICITY IN TOTAL ENERGY CONSUMPTION







IN A FUTURE WHERE SOLAR & WIND ARE PREDICTED TO BE

70%

OF TOTAL ELECTRICITY
GENERATION...

STABILITY & FLEXIBILITY IN THE

ELECTRICITY SUPPLY IS A MUST



ORMAT'S SOLUTIONS FACILITATE INDUSTRY NEEDS ON THE PATH TO A CARBON-FREE FUTURE



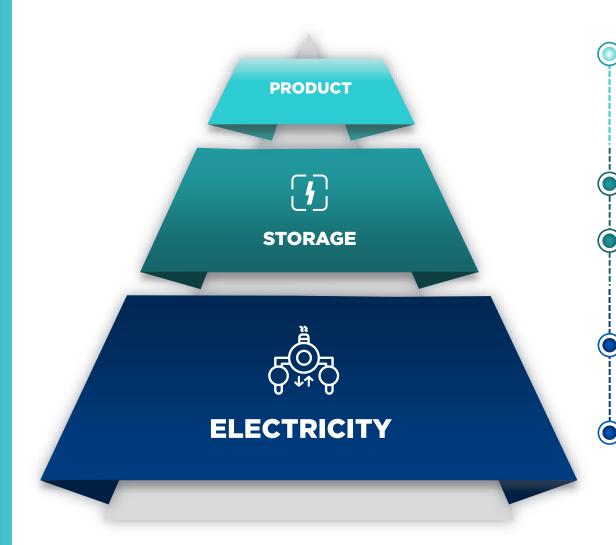
Generates firm & flexible power



Enables stability of the grid and flexibility



ORMAT GROWTH STRATEGY





High-temperature resources Technological innovations

Steep growth: focus on key U.S. markets

A&M

Organic growth: focus on the U.S. and Indonesia

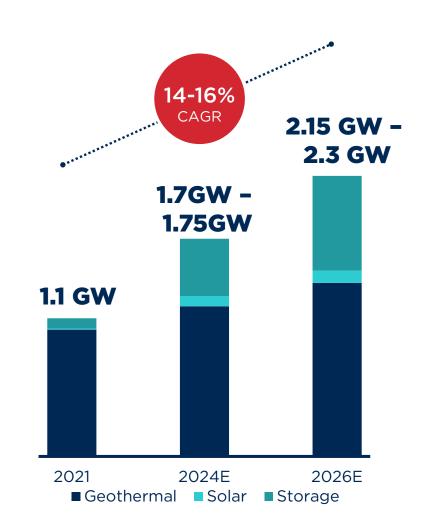
A&M

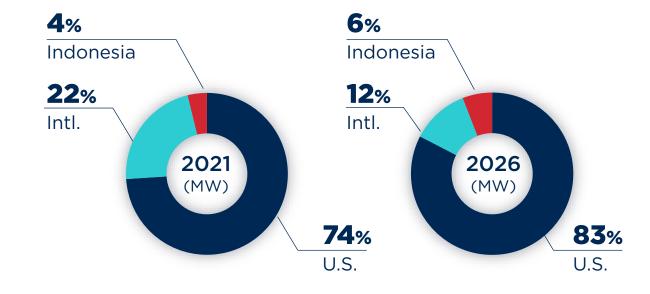


ORMAT PORTFOLIO GROWTH TARGETS

PORTFOLIO GROWTH (GW)

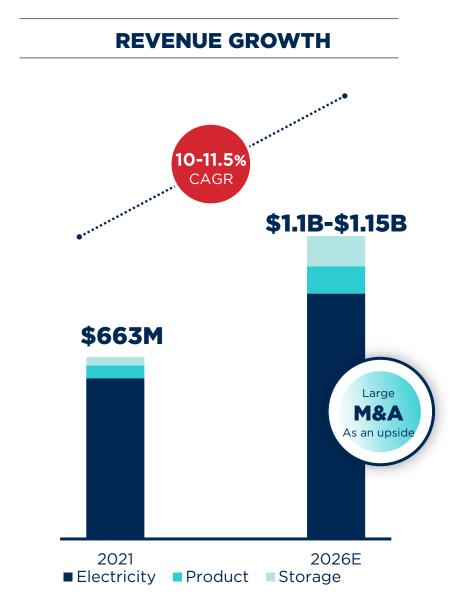
EXPAND OPERATION IN THE U.S.







ORMAT FINANCIAL GROWTH TARGETS









02

THE INCREASING VALUE OF GEOTHERMAL IN THE U.S. IN A CARBON-FREE FUTURE

PAUL THOMSEN | VP BUSINESS DEVELOPMENT

U.S. GEOTHERMAL MARKET

THE U.S. IS THE WORLDS LEADING PRODUCER OF GEOTHERMAL POWER



3.7 GW Installed capacity thrugh 2021¹



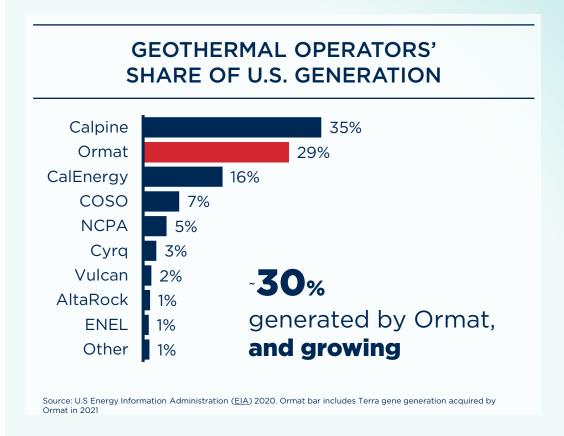
>**95**% of U.S. capacity in California and Nevada²



23% of global installed capacity¹



60_{GW} Estimated potential by 2050³





ORMAT IS THE LARGEST U.S. GEOTHERMAL DEVELOPER

674_{mw}1

65%

Generating capacity

from 17 plants in CA, NV, ID and OR

of the generating capacity in **Nevada**

19

30

Projects

under construction and development

Prospects

in NV, CA, OR, UT and NM







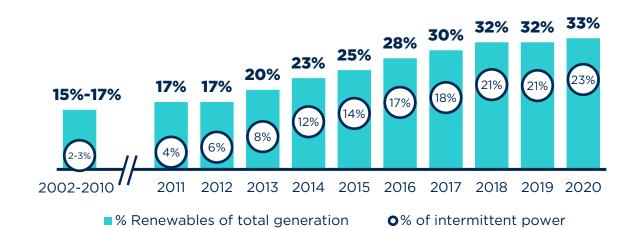


THE INCREASING SHARE OF INTERMITTENT POWER IN CALIFORNIA

CALIFORNIA RENEWABLE PORTFOLIO STANDARD (RPS) TARGET DEVELOPMENT

100% by 2045 60% by 2030 50% by 2030 33% by 2030 20% 17% 2020 by 2017 2002 2006 2015 2018 2011

PROGRESSION TO 100% CARBON-FREE ELECTRICITY



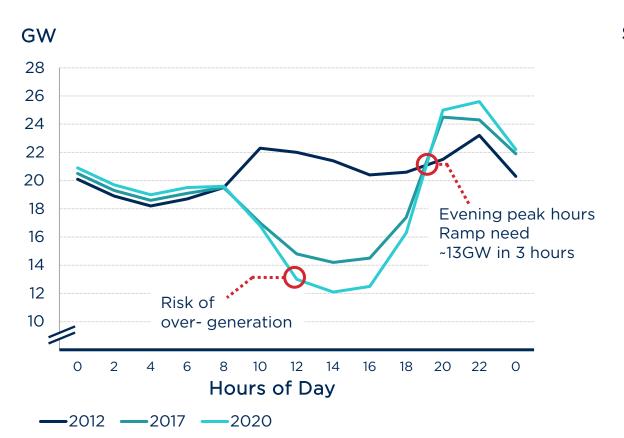


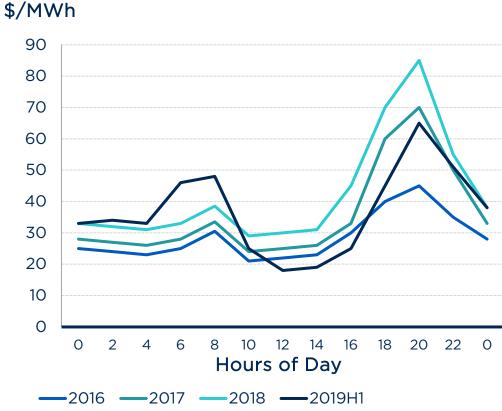
THE IMPACT OF INTERMITTENT POWER ON THE GRID

Solar PV impact on the electric grid strengthens the position of geothermal as a premium renewable source

TYPICAL SPRING DAY NET - LOAD IN CALIFORNIA¹

ENERGY PRICESIN SOUTHERN CALIFORNIA 2016-2019²







AUGUST 2020:

BLACKOUTS IN CALIFORNIA

Blackouts created a new sense of urgency about summer reliability, with new emphasis on

the need for firm resources



REGULATORS, **SYSTEM OPERATORS & OFF TAKERS RESPONDED:**

2021 California PUC

Procure:

IGW

of zero emission and firm power by 2026¹

Firm zero emission power -

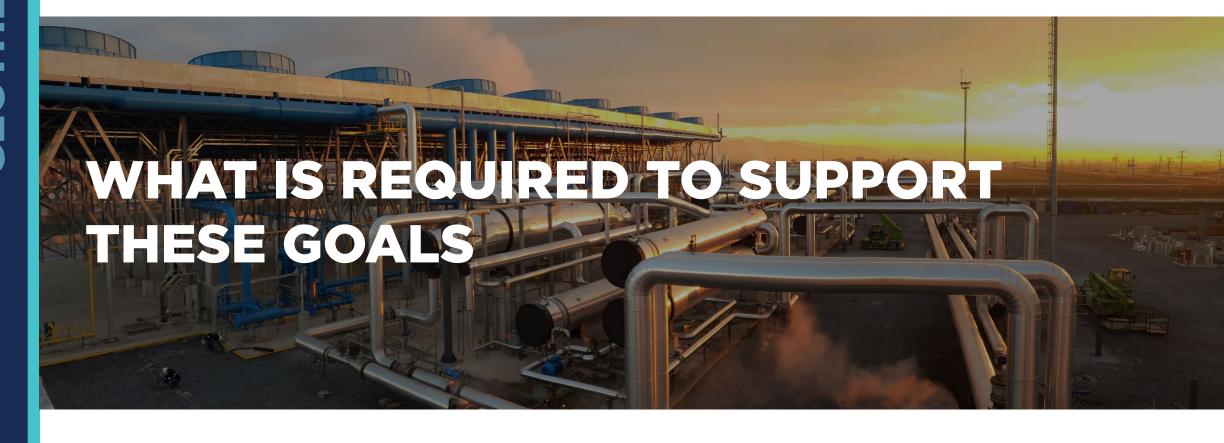
California PUC: California Public Utilities Commission; NV Energy: Nevada Energy LADWP: The Los Angeles Department of Water and Power Sources: (1) CPUC (2) PUC of Nevada, Integrated



Resource Plan 2021 (3) NREL.GOV











LAND POSITION

UNLOCKING GEOTHERMAL POTENTIAL



PERMITTING



TRANSMISSION





LAND POSITION

ORMAT IS WELL POSITIONED TO SUPPORT INDUSTRY GOALS



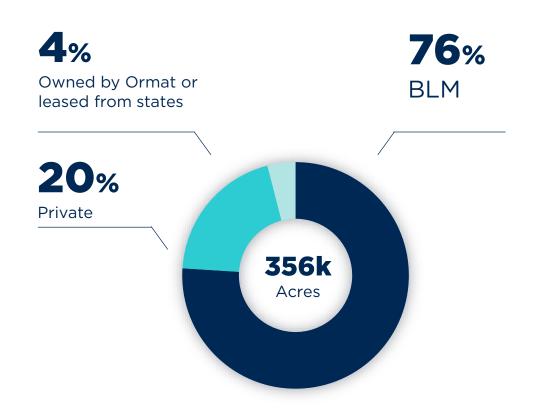
PERMITTING



TRANSMISSION













30 prospects in the U.S.¹











TRANSMISSION: ACQUISITION OF OXBOW TRANSMISSION LINE¹

Transmission Capacity on NV Energy's ON-Line:

318_{MW} (46MW unused)

Additional > **140** mw of Long-Term Firm Capacity with various transmission system operators **Underutilized 220-mile T-line of**

300_{MW}-400_{MW}

of 230KV electricity to provide incremental access





75.5 \$ /MWh

150 MW SCPPA Portfolio PPA 65-80 \$ /MWh

55-65 \$/MWh

2017

2018

2019

2020

2021

2022

...2032



Illustrates the demand for geothermal capacity

U.S. PPA price for geothermal¹



SUMMARY: GEOTHERMAL IS ON THE RISE



Increased demand:

A target of additional approximately 2GW geothermal capacity



Strong positioning:

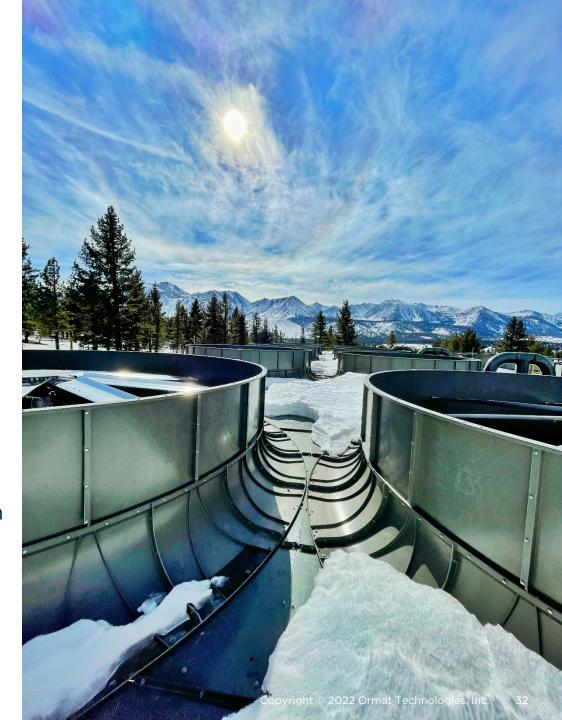
Land, permitting and transmission are key

Ormat is strongly positioned with robust prospect inventory and secured transmission



Increased PPA pricing







03

CONTINUE TO DELIVER PROFITABLE GROWTH IN THE ELECTRICITY SEGMENT

DORON BLACHAR | CEO

GEOGRAPHIC BREAKDOWN

OF 2021 ELECTRICITY SEGMENT PORTFOLIO (MW)

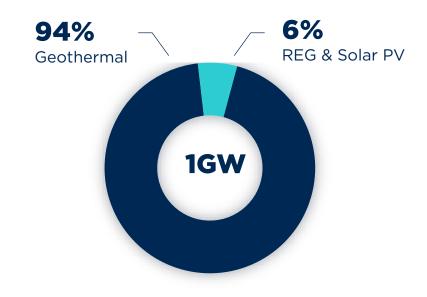




STABLE, VISIBLE OPERATION

GEOTHERMAL DOMINANT PORTFOLIO

with highest capacity factor of any renewable resource



VISIBLE CASH GENERATING ASSETS



15 years
Weighted average PPA life



89.7 \$/MWh
Average price for 2021



95% of 2021 adj. EBITDA



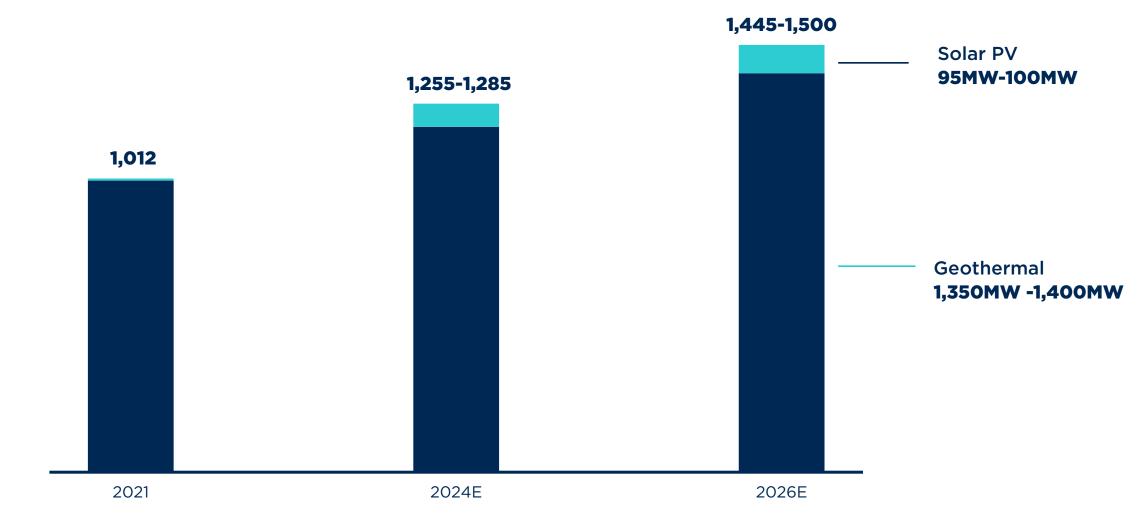
ADVANCING PROFITABLE GROWTH IN ATTRACTIVE MARKETS





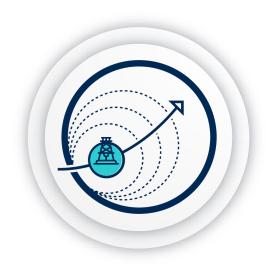
GROWTH TARGET (MW)

GEOTHERMAL AND SOLAR PV





HOW WE PLAN TO CONTINUE DELIVERING PROFITABLE GROWTH







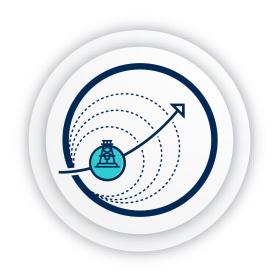
INDONESIA



A&M



HOW WE PLAN TO CONTINUE DELIVERING PROFITABLE GROWTH











M&A



41 PROSPECTS FOR EXPLORATION AND DEVELOPMENT

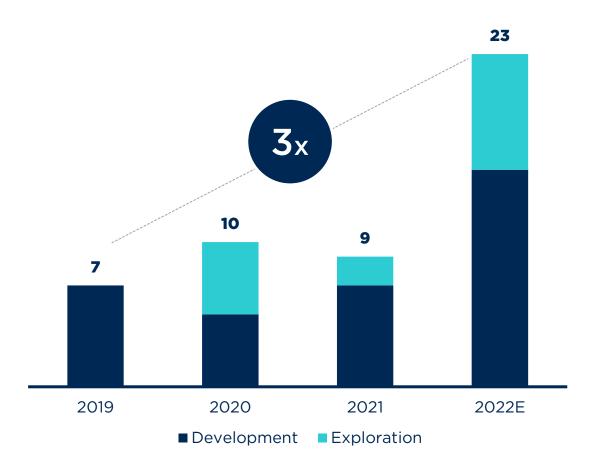




prospect

EXPANDING DRILLING ACTIVITYTO SUPPORT EXPEDITED GROWTH

Extensive exploration and drilling campaigns expected in 2022, 10 sites at 5 countries







HOW WE PLAN TO CONTINUE DELIVERING PROFITABLE GROWTH







INDONESIA



M&A



INDONESIA



4th

largest country in the world¹ 273M population



#1
largest economy in

Southeast Asia²



BBB/Baa2
Country's rating
by S&P and Moody's³





INDONESIA ENERGY MARKET (2020)





 $\sim 33 \, \text{GW}$

2020 electricity production¹

~12%

Renewables^{1,2} (5% geothermal)

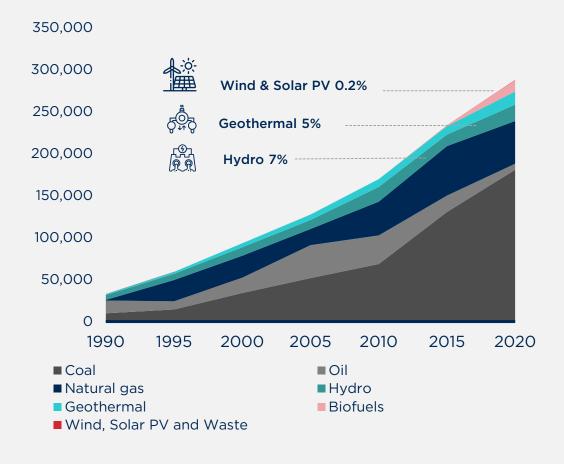


~99%

of population has access to Electricity³

ORMAT

Electricity generation by source (GWh)¹



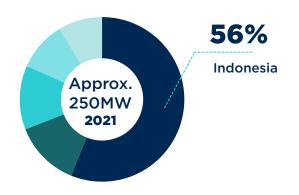
2ND LARGEST GEOTHERMAL MARKET IN THE WORLD

2.3GW

installed geothermal capacity, steam dominated¹

56%

of 2021 new geothermal capacity worldwide came from Indonesia¹





29GW Estimated geothermal potential² Approx. 300MW Expected geothermal development by 20233 **140MW** open to binary technology by 20234,5

Kawah Ijen lake and volcano early morning at East Java, Indonesia.

SUPPORTIVE REGULATION

01

Renewable energy targets 23% by 2025, 31% by 2035¹



Government drilling program



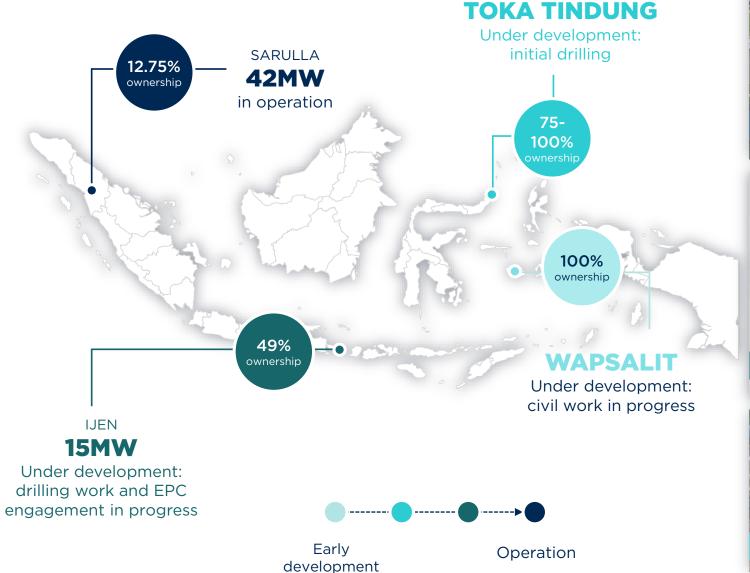
20.9GW of renewable energy by 2030. approx. **16% from geothermal**²



Avg. geothermal rate **9-12 cent/kWh**³



ORMAT'S DEVELOPMENT IN INDONESIA1











ADDITIONAL GROWTH DRIVERS FOR ORMAT PIPELINE

M&A

Targeting between 40MW and 60MW through M&A

)2

Partnership with PLN¹

Ormat was selected in the 1st RFP for four prospects (49% developer/51% PLN)

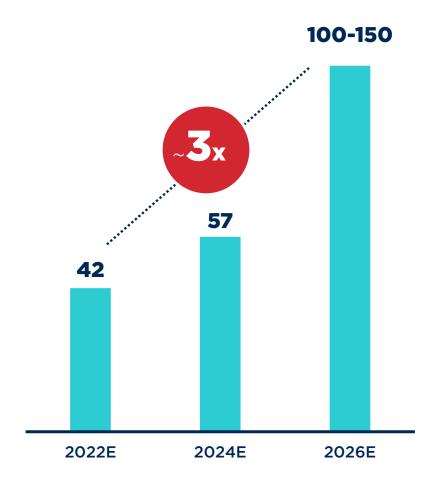
)3

Government drilling program²

Tenders will be released in 2023



ORMAT'S EXPECTED GROWTH IN INDONESIA (MW)







HOW WE PLAN TO CONTINUE DELIVERING PROFITABLE GROWTH







INDONESIA



M&A



A&M

Track record of accretive value M&A transactions:

2016



- 9MW from 1 operational power plant
- Expanded to 15MW in 6 months
- Advanced stages of 10MW enhancement

2018



- 3 operational power plants
- Improved generation from 38MW to 47MW
- Advanced stage of 25MW expansion
- 2 prospects under exploration

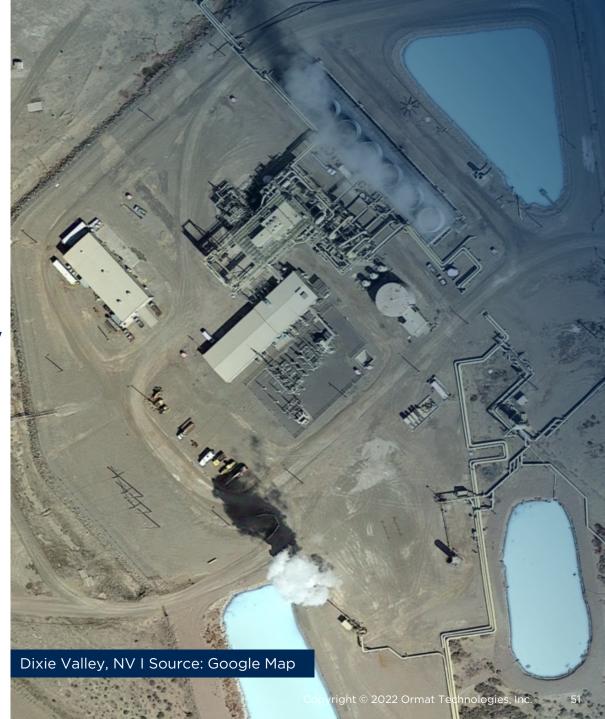
2021

TG GEOTHERMAL¹

- 2 operational power plants
- Improved generation from 68MW to 72MW
- Enhancement potential
- 1 development project drilling is expected in H2-2022
- Underutilized transmission line

Continue to explore domestic and international opportunities.





SUMMARY

GROWTH DRIVERS





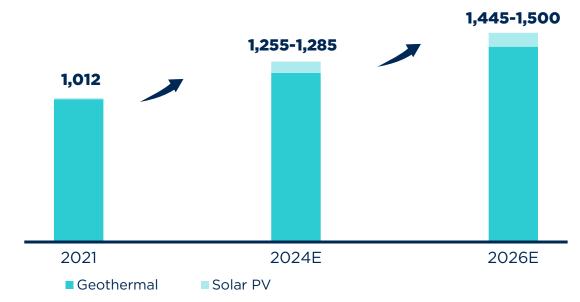


INDONESIA M&A

EXPECTED REVENUE GROWTH (\$M)

EXPECTED PORTFOLIO GROWTH (MW)









04

WELL POSITIONED TO DELIVER ACCELERATED GROWTH IN STORAGE

OFER BENYOSEF | EVP ENERGY STORAGE AND BUSINESS DEVELOPMENT

WHY ENERGY STORAGE? THE SHARE OF WIND & SOLAR IN TOTAL **ELECTRICITY GENERATION GLOBALLY** 70% 40% Approx. 10% 2030 2020 2050 Source: Net Zero by 2050 A Roadmap for the Global Energy Sector, IEA, October 2021, Link



As the share of wind and solar in the generation mix rises, energy storage is critical to support the stability and flexibility of the electric grid





Steep market growth trajectory

Strong regulatory support

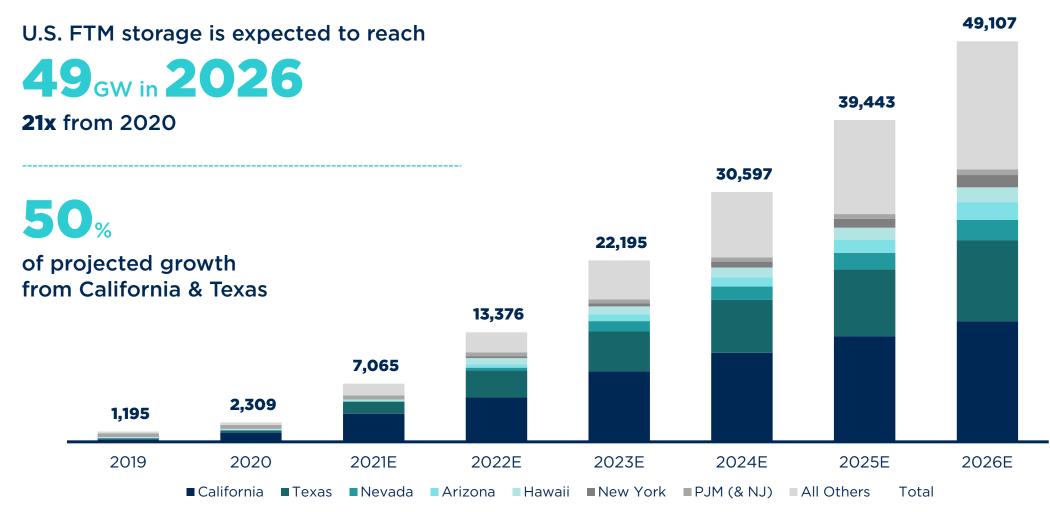
Market opportunities

Ormat growth strategy



STEEP MARKET GROWTH TRAJECTORY

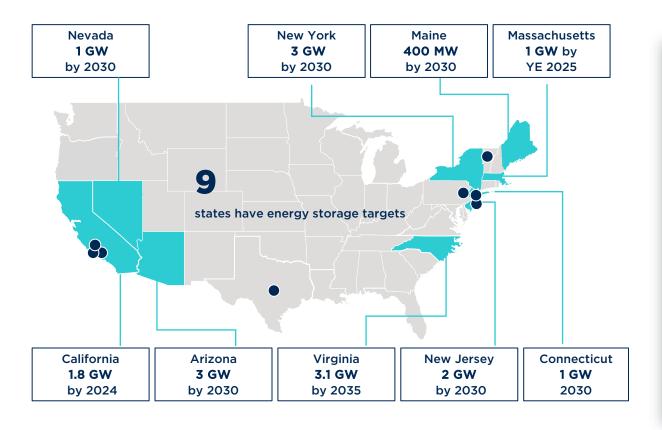
FOR FRONT OF THE METER (FTM) APPLICATIONS





U.S. FTM CUMULATIVE STORAGE DEPLOYMENT FORECAST (MW)

REGULATORY AND POLICY DRIVERS KEY TO GROWTH: STATE-LEVEL ENERGY STORAGE TARGETS

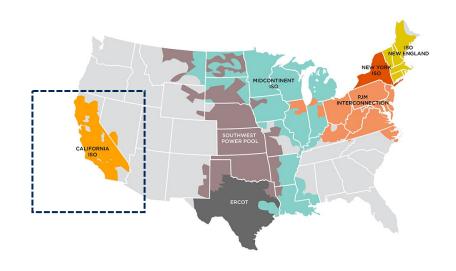


CPUC1: **Procure additional 15 GW** of new storage and demand response resources by 2032



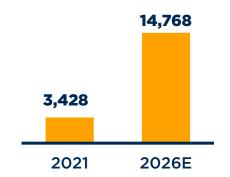


CAISO MARKET¹



EXPECTED DEPLOYMENT (GW)²

(STORAGE + SOLAR PV AND STAND-ALONE STORAGE)



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PRICES (\$/kW-MONTH)



Market prices excluding RA contracts

REVENUE SOURCE

- Capacity RA contracts
- Ancillary services
 - Reg up/Reg down/Spinning reserve
- Energy



CAISO: 43% of total 2021 storage revenues **61%** RA contract **20%** Ancillary services **19%** Energy

CAISO MARKET

Complexity of CAISO storage market, mostly driven by co-optimization, requires collaboration and support across internal and external stakeholders to maximize revenue while properly managing risk

ILLUSTRATIVE BATTERY ENERGY STORAGE SYSTEM (BESS) MODEL

4 HOURS, STAND ALONE BESS, CAISO

SIZE

TERM

REVENUE ASSUMPTIONS

CAPEX¹

OPEX¹



80MW/320MWh

20 Years

- Merchant: \$11/kW-mo.
- Contracted Capacity: \$6/kW-mo.

\$1,160-\$1,330/kW

\$26-\$30/kW-yr.



ILLUSTRATIVE BESS MODEL

4 HOURS, STAND ALONE BESS, CAISO

Total CAPEX

Avg. Annual Revenue

Avg. Annual OPEX

Avg. Annual EBITDA

Avg. Gross Margin

Avg. EBITDA Margin

PIRR



\$93-\$106M

\$15M

\$2.1-\$2.4M

\$12.9-\$13.2M

52-54%

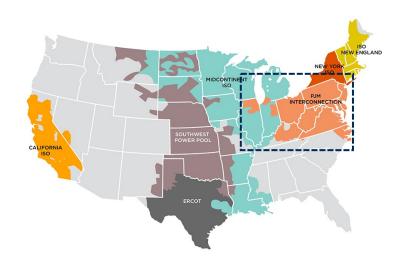
84-86%

9.0-10.5%



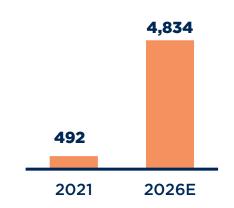


PJM MARKET¹



EXPECTED DEPLOYMENT (GW)²

(STORAGE + SOLAR PV AND STAND-ALONE STORAGE)



ORMAT

PRICES (\$/MWh)



REVENUE SOURCE

Ancillary services at the regulation market



PJM: 32% of total 2021 storage revenues

100% from ancillary services

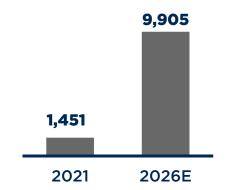
REG D

Fast-oscillation regulation signal, designed for resources with high ramp rates and limited duration, mainly BESS

ERCOT MARKET¹

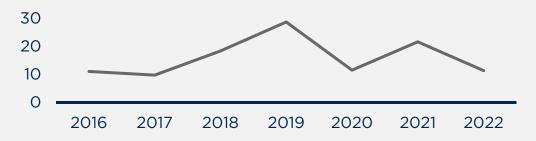


EXPECTED DEPLOYMENT (GW)² (STORAGE + SOLAR PV AND STAND-ALONE STORAGE)





PRICES (\$/MWh)



Excludes one-time high prices in February 2021 Texas freeze

REVENUE SOURCE

- Ancillary services:
 - Responsive Reserve Service (RRS)
- Energy



ERCOT: 10% of total 2021 storage revenues

100% from ancillary services

"REAL TIME CO-OPTIMIZATION"

- In 2025/2026 ERCOT is expected to implement "Real Time Co-optimization" regime
- Ancillaries and energy will be sold in real time in 5minute intervals in addition to "day ahead"

ILLUSTRATIVE BESS MODEL

2 HOURS, STAND ALONE BESS, ERCOT

SIZE

TERM

REVENUES ASSUMPTIONS

CAPEX¹

OPEX1



80MW/160MWh

15 Years

\$9.2/kW-mo.

\$625-750/kW

\$16-20/kW-yr.



ILLUSTRATIVE BESS MODEL

2 HOURS, STAND ALONE BESS, ERCOT

Total CAPEX

Avg. Annual Revenue

Avg. Annual OPEX

Avg. Annual EBITDA

Avg. Gross Margin

Avg. EBITDA Margin

PIRR





ORMAT STRATEGIC FOCUS



TARGET THE LARGEST AND MOST LUCRATIVE MARKETS:

California, Texas, and PJM

2

FOCUS ON STANDALONE ENERGY STORAGE

Providing ancillary service, energy and capacity to the grid

3

EXPANSION TO NEW REGIONS

Short-term: additional markets in the U.S. Mid-term: international regions

4

INCREASE SCALE AND MARGINS

83 MW/176 MWh

01 CA

30MW/120MWh

03 NJ

41MW/41MWh

02 TX

10MW/10MWh

04 VT

2MW/5MWh





STRONG POSITION ACROSS THE BESS VALUE CHAIN

OPERATIONAL AND FINANCIAL BACKING



COMPONENT SUPPLIER

- Batteries
- Inverters
- Balance of plant



DEVELOPER

- Site control
- Interconnection
- Permitting
- Offtake agreement / merchant model



SYSTEM INTEGRATOR

- Complete System:
 Battery Energy
 Storage System
 (BESS)
- Design optimization



EPC CONTRACTOR

- Engineering
- Procurement
- Construction



OWNER & OPERATOR

- Own
- Operate
- Revenue optimization



Robust BD capabilities

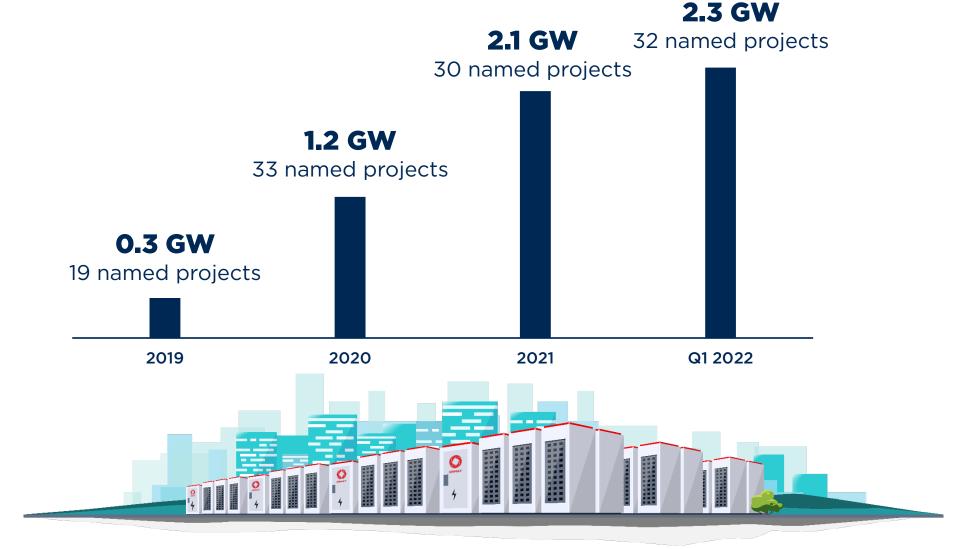
In-house engineering and operation professionals

40+ years of EPC experience

25+ years of experience



LEVERAGING OUR MARKET EXPERTISE TO ENHANCE AND BUILD STORAGE PIPELINE





ORMAT ENERGY STORAGE GROWTH

UNDER CONSTRUCTION:

8 projects, 189 MW, all secured for battery supply and revenue source

Expected COD	State	Project	Projected Capacity (MW)	Projected MWh	Revenue source
2022	CA	 Tierra Buena; Pomona 2 	25	60	RA & Merchant
	TX	3 Upton	25	25	Merchant
	NJ	4 Andover5 Howell	27	27	Merchant
	ОН	6 Bowling Green	12	12	Merchant
2023	CA	7 Bottleneck	80	320	Merchant; Seek RA
	NJ	East Flemington	20	20	Merchant

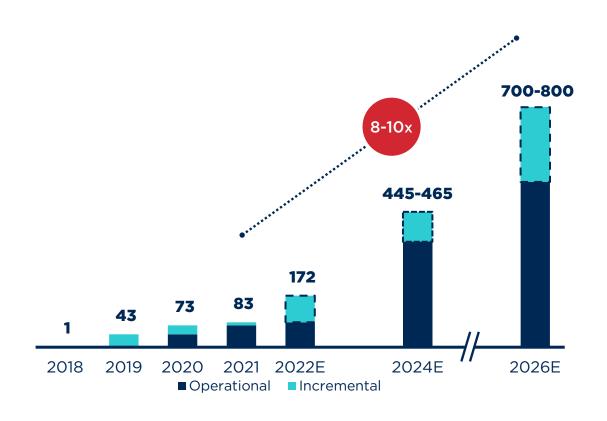


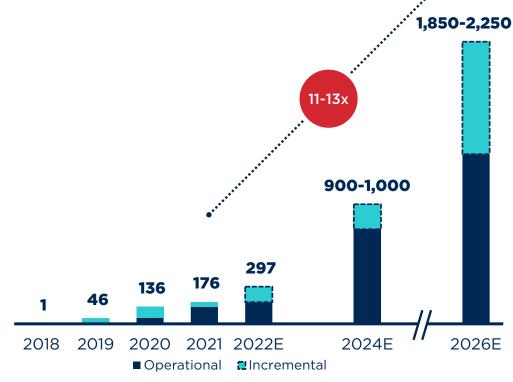


LEVERAGING BD EFFORTS TO GROW OUR PORTFOLIO

Ormat energy storage development (MW)

Ormat energy storage development (MWh)













05

PRODUCT SEGMENT

ASSI GINZBURG | CFO

GEOTHERMAL'S GROWING GLOBAL MARKET

1_{GW/Year}

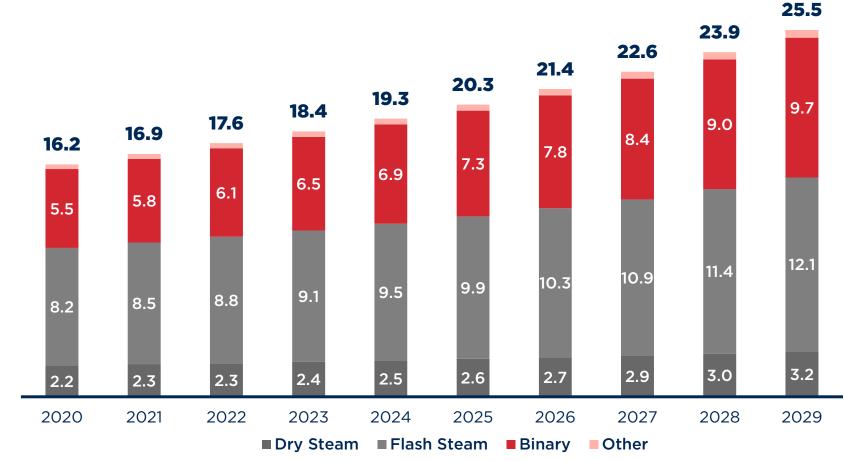
expected geothermal capacity addition in the next 10 years

>400mw/Year

of binary capacity addition in the next 10 years

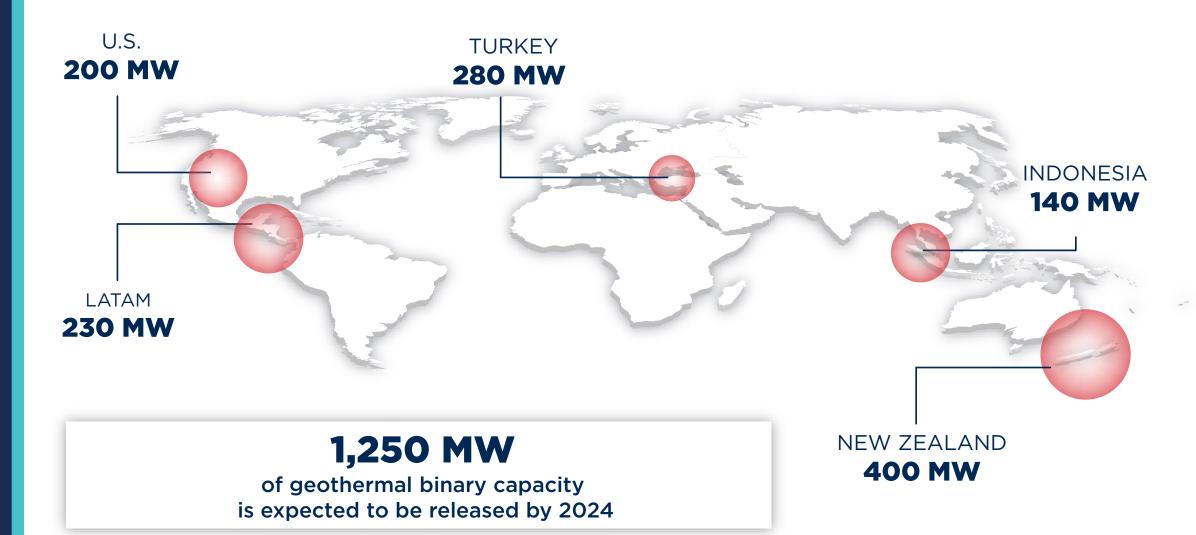
~80% expected increase in binary share in the next 10 years







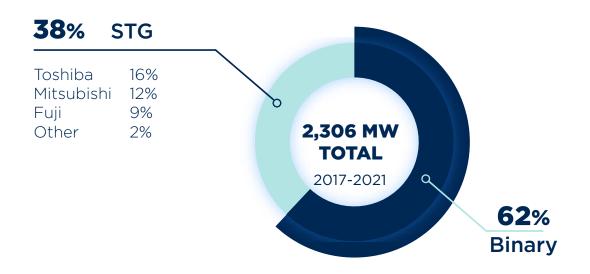
FOCUSING ON STRATEGIC TERRITORIES WITH INCREASING DEMAND

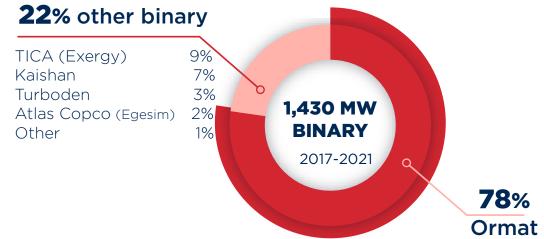




ORMAT IS THE LEADING SUPPLIER OF BINARY GEOTHERMAL POWER PLANTS WORLDWIDE

(BY INSTALLED CAPACITY)



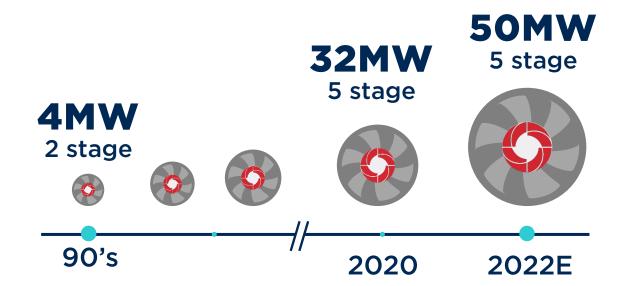




TECHNOLOGICAL INNOVATIONS

Designed and manufactured the world's largest binary turbine to:

- Lower project costs
- Improve operational costs
- Increase turbine and cycle efficiency
- Strengthen Ormat's competitive edge
- Enable competition with steam technology







PRODUCT SEGMENT SUMMARY

EXPECTED PRODUCT REVENUE GROWTH (\$M)



PRODUCT AND INTERSEGMENT REVENUE (\$M)







SOLID POTENTIAL TO GROW PRODUCT BUSINESS

STRONG POTENTIAL IN NEW ZEALAND, INDONESIA, LATAM AND U.S.

THE WORLD IS EMERGING FROM THE COVID-19 PANDEMIC

Potential for recovery of geothermal market in Turkey

TECHNOLOGICAL IMPROVEMENTS
STRENGTHEN ORMAT'S COMPETITIVE EDGE



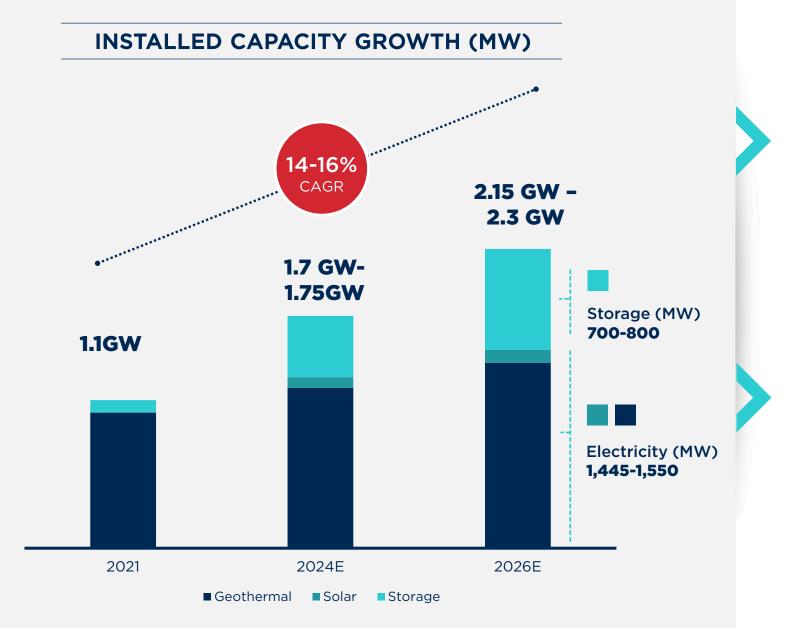


06

FINANCIAL OVERVIEW

ASSI GINZBURG | CFO

FINANCIAL ASPECTS OF GROWTH PLAN









CAPITAL STRUCTURE



BUILDING UPON OUR FINANCIAL STRENGTH

CAPITAL NEEDS



Limited impact of commodity prices

The majority of project pipeline for 2022/ 2023 was manufactured Cost of Ormat OEC - 20% of total project capex

CAPEX RESOURCES

Cash Flow from operations

Tax equity transaction

Project debt finance

Corporate financing



STRONG CAPITAL POSITION



1.5_B

Net Debt(1)

98%

of total debt in fixed rate⁽¹⁾

4.3%

Average interest rate⁽¹⁾

43%

Net Debt to Capitalization⁽¹⁾ **3.8**_x

Net Debt to Adjusted EBITDA⁽¹⁾

2026 MAINTAIN SOLID FINANCIAL LEVERAGE

3.5-4.0_x

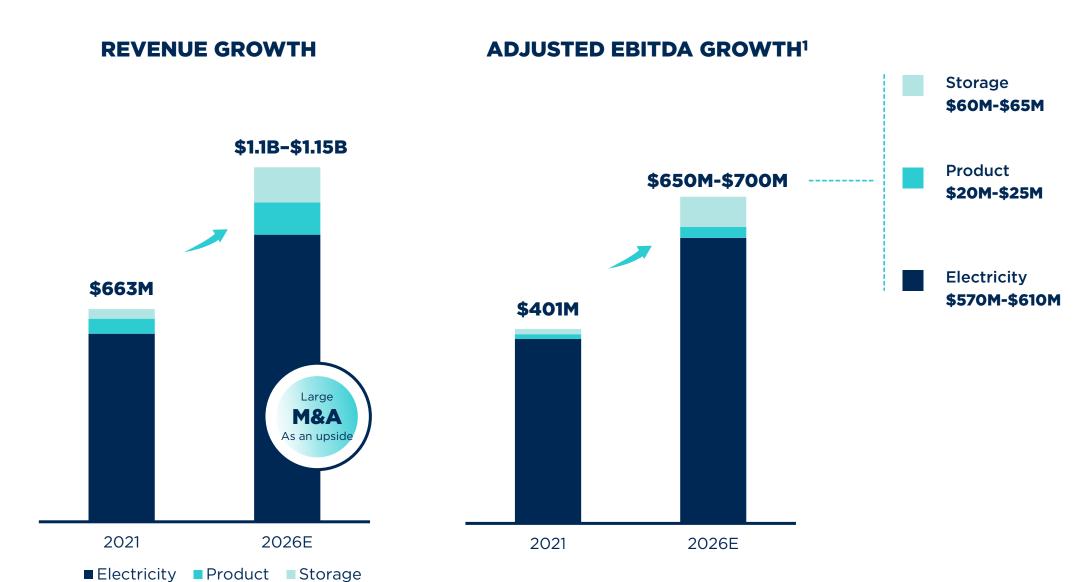
2026E Net Debt to Adjusted EBITDA

48-52%

2026E Net Debt to Capitalization

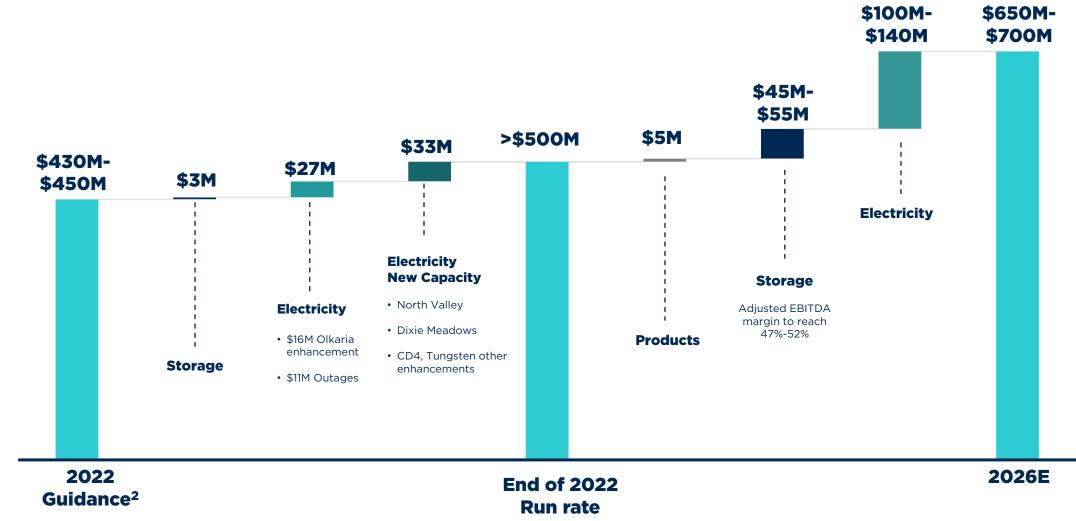


FINANCIAL GROWTH TARGETS





ADJUSTED EBITDA GROWTH¹

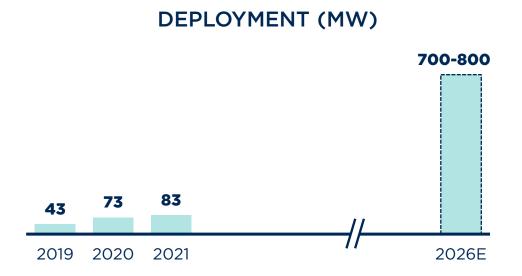




(1) See reconciliation note on page 95

(2) 2022 Guidance includes insurance proceeds related to Heber 1 and Puna

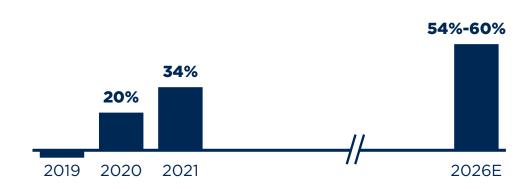
STRONG STORAGE PROJECTED GROWTH IN ALL PARAMETERS





REVENUE (\$M)





ADJUSTED EBITDA MARGIN (%)1



WELL POSITIONED TO SUPPORT ACCELERATING GROWTH

TO SUPPORT GROWTH PLAN AND M&A OPPORTUNITIES

2 MAINTAIN STRONG LEVERAGE METRICS

INCREASE PROFITABILITY STORAGE MARGINS





07

KEY TAKEAWAYS & Q&A

DORON BLACHAR | CEO





Large growth potential with strong tailwinds



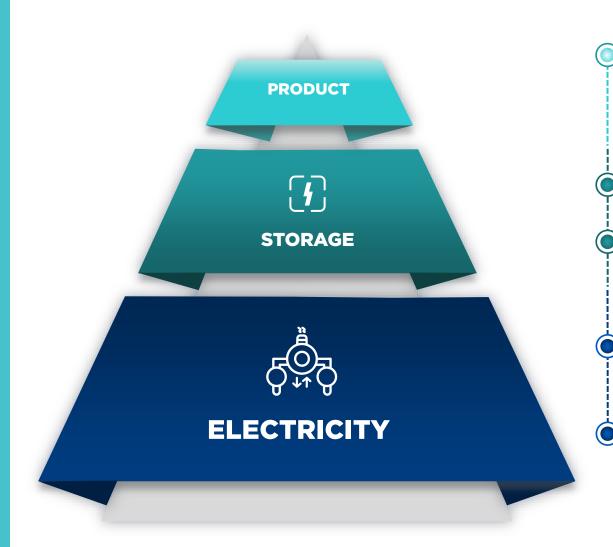
Strong financial position



Pure-play renewables platform aligned with ESG principles



ORMAT GROWTH STRATEGY





High-temperature resources Technological innovations

Steep growth: focus on key U.S. markets

A&M

Organic growth: focus on the U.S. and Indonesia

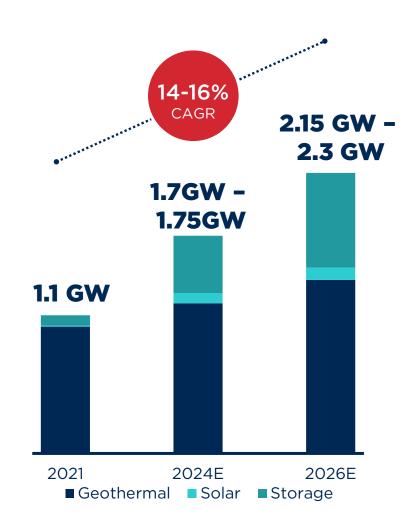
A&M

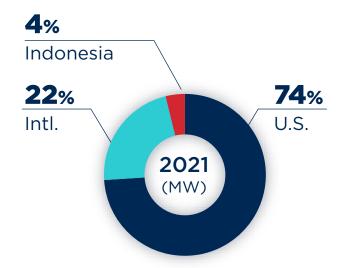


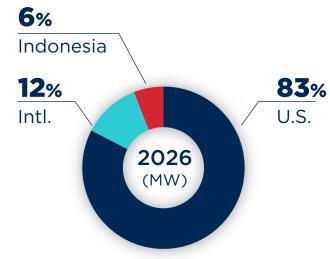
ORMAT FINANCIAL GROWTH TARGETS

PORTFOLIO GROWTH (GW)

EXPAND OPERATION IN THE U.S.

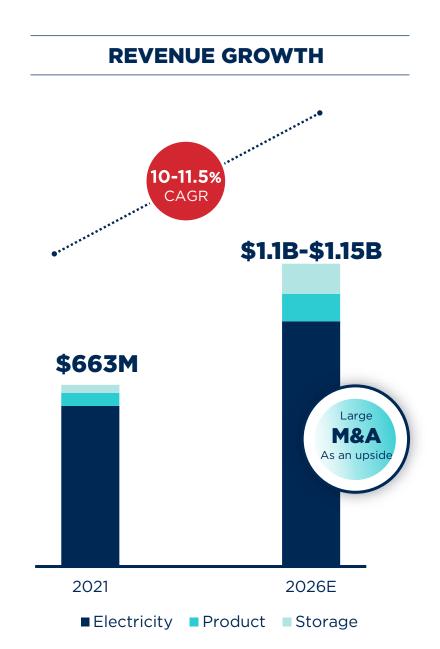








ORMAT FINANCIAL GROWTH TARGETS



ADJUSTED EBITDA GROWTH¹





COMMITTED TO CONTINUED PROFITABLE GROWTH



MORE THAN **DOUBLE EXPLORATION ACTIVITY**



EXPANDING SIGNIFICANTLY **DEVELOPMENT EFFORTS IN INDONESIA**



GROWING OUR ENERGY STORAGETARGETING 10X THE CURRENT CAPACITY BY 2026



STRONG REGULATORY TAILWIND



COMMITTED TO CONTINUED PROFITABLE GROWTH





RECONCILIATION OF EBITDA AND ADJUSTED EBITDA

(DOLLARS IN THOUSANDS)

	Years Ended Dec 31, 2021
Net income	76,077
Adjusted for:	70,077
Interest expense, net (including amortization of deferred financing costs)	80,534
Income tax provision (benefit)	24,850
Adjustment to investment in an unconsolidated company: our proportionate share in interest expense, tax and depreciation and amortization in Sarulla	14,680
Depreciation and amortization	177,930
BITDA	374,071
nark to market on derivative instruments	741
Stock-based compensation	9,168
Reversal of a contingent liability	(418)
Allowance for bad debts related to February power crisis in Texas	2,980
Hedge Losses resulting from Feb power crisis in Texas	9,133
Merger and acquisition transaction costs	5,635
Legal settlement expanse	_
Tender-related deposits write-off	134
Adjusted EBITDA	401,444

We calculate EBITDA as net income before interest, taxes, depreciation and amortization. We calculate Adjusted EBITDA as net income before interest, taxes, depreciation and amortization, adjusted for (i) mark-to-market gains or losses from accounting for derivatives, (ii) stock-based compensation, (iii) merger and acquisition transaction costs, (iv) gain or loss from extinguishment of liabilities, (v) cost related to a settlement agreement, and (vi) other unusual or non-recurring items. We adjust for these factors as they may be non-cash or unusual in nature and/or are not factors used by management for evaluating operating performance. We believe that presentation of this measure will enhance an investor's ability to evaluate our financial and operating performance. EBITDA and Adjusted EBITDA are not measurements of financial performance or liquidity under accounting principles generally accepted in the United States, or GAAP, and should not be considered as an alternative to cash flow from operating activities or as a measure of liquidity or an alternative to net earnings as indicators of our operating performance or any other measures of performance derived in accordance with U.S. GAAP. Our board of directors and senior management use EBITDA and Adjusted EBITDA to evaluate our financial performance. However, other companies in our industry may calculate EBITDA and Adjusted EBITDA differently than we do. This information should not be considered in isolation from, or as a substitute for, or superior to, measures of financial performance prepared in accordance with GAAP or other non-GAAP financial measures.



RECONCILIATION OF NON-GAAP FINANCIAL MEASURES

	Year Ended December 31
	2021
Cash and cash equivalents, marketable securities and Restricted cash (in millions \$)	
Cash and cash equivalents	239
Marketable Securities at fair value	43
Restricted cash and cash equivalents and marketable securities	104
Total cash and cash equivalents and Restricted cash (in millions \$)	387
Total Debt (in millions \$)	
Current portion of long-term debt:	
Short term revolving credit lines with banks (full recourse)	0
Commercial paper	0
Limited and non-recourse	62
Full recourse	314
Finance liabilities	11
Total current portion of long-term debt:	386
Long-term debt, net of current portion:	
Limited and non-recourse	540
Full recourse	740
Finance liability	242
Total long-term debt, net of current portion:	1,521
Total Debt	1,908
Total Debt Breakdown (in millions \$):	
Limited and non-recourse	601
Full Recourse	1,054
Financial liability	253
Total Debt	1,908
Net Debt (in millions)	1,521
Total Equity	1,998
Net Debt to Capitalization (Total Equity) (%)	43%
Net Debt to Adjusted EBITDA	
Net Debt (in millions)	1,507
Adjusted EBITDA (in millions)	401
Net Debt to Adjusted EBITDA (x)	3.8



RECONCILIATION OF NON-GAAP METRICS

PROJECTED EBITDA AND ADJUSTED EBITDA

The Company is unable to provide a reconciliation for its projected EBITDA and Adjusted EBITDA metrics to net income without unreasonable efforts due to the high variability and complexity with respect to estimating certain forward-looking amounts. These include impairments and disposition and acquisition of business interests, income tax expense, and other non-cash expenses and adjusting items that are excluded from the calculation of EBITDA and Adjusted EBITDA.

NET DEBT METRICS

The table in previous slides reconciles total debt to net debt.

We calculate net debt as total debt less total cash and cash equivalents and restricted cash. We believe presentation of this measure will enhance an investor's ability to evaluate our financial and operating performance. Net debt is not a measurement of financial performance or liquidity under accounting principles generally accepted in the United States, or GAAP, and should not be considered as an alternative to any measures of performance derived in accordance with GAAP. Other Companies our industry may calculate net debt differently than we do. This information should not be considered in isolation from, or as a substitute for, or superior to, measures of financial performance prepared in accordance with GAAP.

The Company is unable to provide a reconciliation for its projected net debt to capitalization and projected net debt to Adjusted EBITDA metrics without unreasonable efforts due to the high variability and complexity with respect to estimating certain forward-looking amounts.

