# NRG Energy (NYSE: NRG)

# **Buy Pitch**

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February 28th, 2022







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# The Opportunity: Extremely Attractive Risk/Reward



With a stable FCF-generating business with high dividend yield and returning value to shareholders, NRG is a quality company awaiting street rerating as the business shifts its fundamentals

- NRG's business in generation wholesale has been strategically reduced from 2017
- Avoiding wholesale volatility by strategically acquiring retail companies will lead to continued margin improvement
- Divesting these assets and exiting the wholesale business was the primary goal
- The idea is to match generation capacity to reach the needs of the retail base, without participating in the less attractive wholesale market
- Street has failed to react to business transformation
- Despite improving economics in the business model and increasing FCF to shareholders, street continues to value NRG like its old self and generation-focused peers
- Opportunity for cross-selling not fully appreciated by street
- Captive single product customers are likely to be converted to dual fuel with little additional investment
- Growth into an all-in-one offering may have potential to drive additional service revenues
- Investment in adjacent services increases stickiness of existing offering and retention in the future
- Risk/Reward is extremely attractive to due stable cash flows and high dedication to returning capital
- Dividends and share buybacks ensure a minimum level of returned value that improves the risk-reward profile from a full share price change alternative

Buy NRG at \$ 37.99 for a 87.9% upside and 13.4% 5-year IRR



Business Overview





### NRG Energy is a leading energy company that is transitioning from energy generation to retail supplier

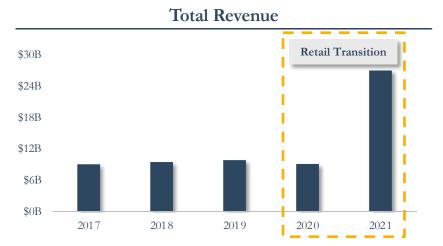
### **Company Overview**

- NRG Energy is a leading American integrated energy company that generates power and provides energy and related products to homes and businesses
- NRG generates 14 GW of power from 33 power plants across the U.S. and serves 6 million retail customers
- Shifting towards a focus on customer-centric energy provision (to retail customers and businesses) from its original business model of pure power generation

### **Key Statistics**

| Ticker                | NYSE: NRG         |
|-----------------------|-------------------|
| Share Price           | \$37.99           |
| 52 Week Low-High      | \$31.94 - \$46.10 |
| Enterprise Value      | \$17.06B          |
| Market Capitalization | \$9.26B           |
| LTM EV / EBITDA       | 3.51x             |
| Dividend Yield        | 3.7%              |





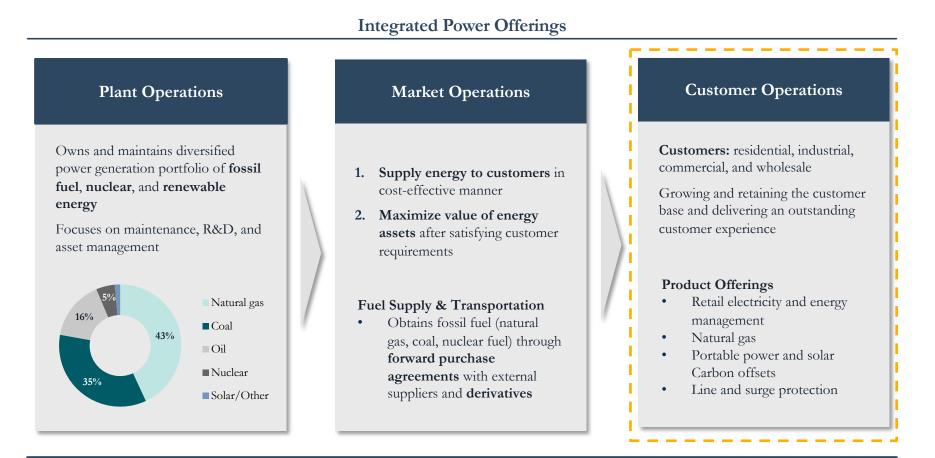
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### 52 Week Stock Chart

# **Business Overview: Integrated Business Model**



### NRG's combined business model of retail energy and power generation is self-supporting



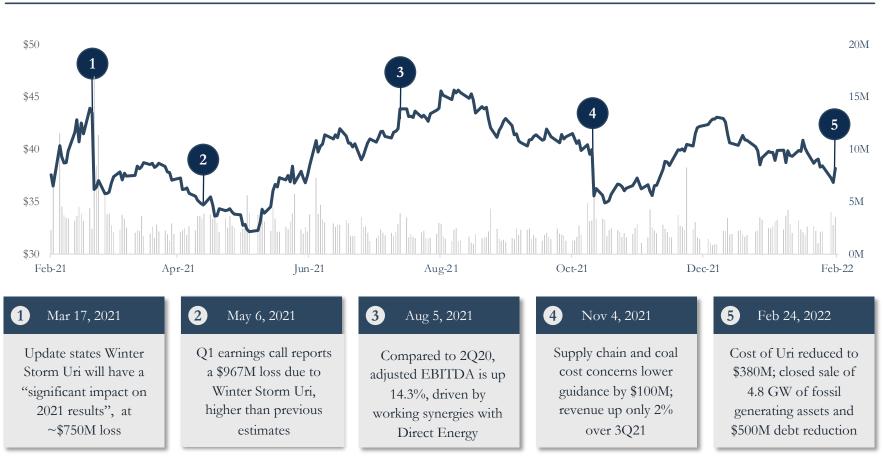
NRG leverages its generation plant to supply energy to customers quickly and cost-effectively



# Annotated Stock Chart



### Rallying after facing significant losses from Uri, NRG presents a strong buy opportunity



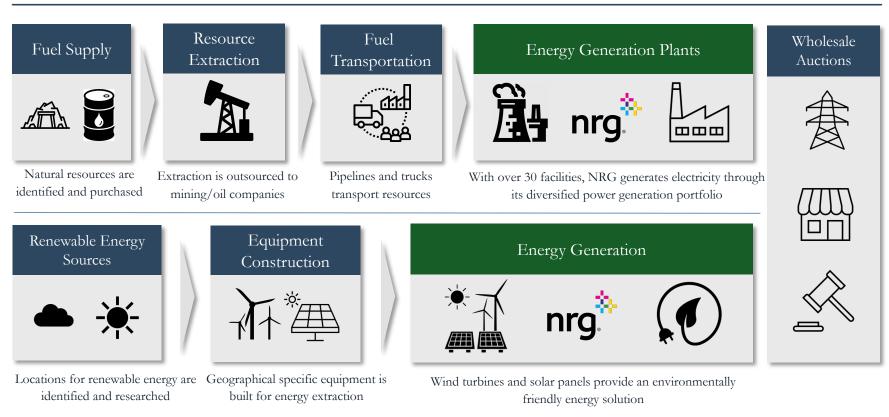
### 52-Week Annotated Stock Chart

Sources: Company Filings, Investors Presentation, Nasdaq, Zacks



# **Business Overview: Power Generation Value Chain**

NRG's power generation business is powered through both fossil fuels and renewable sources



### Value Chain

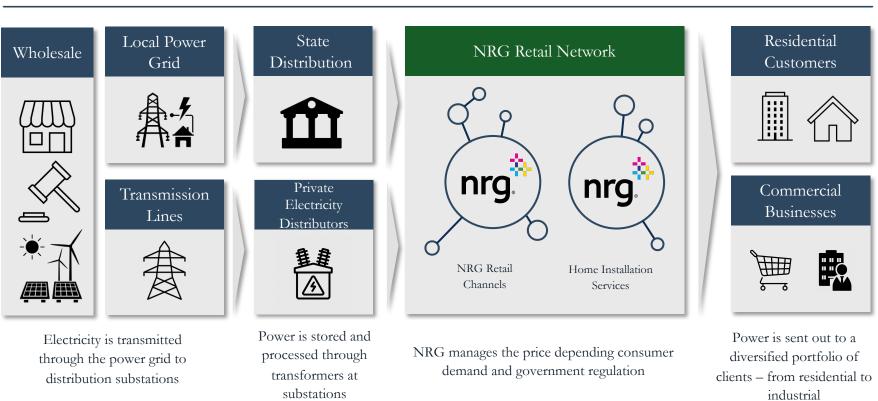
NRG leverages its diverse energy generation sources for flexibility and scale



# Business Overview: Retail Power Value Chain



NRG has the leverage to set prices for electricity with their integration with power generation



Value Chain

NRG's competitive edge lies in its integration with power generation



# Internal Analysis



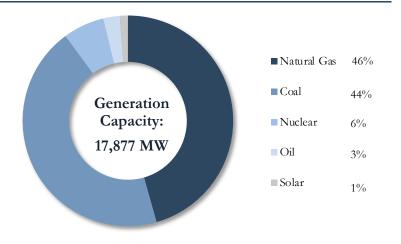


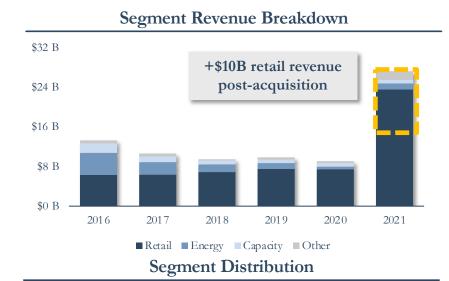
### NRG's transition into consumer-facing retail market creates opportunity for rapid revenue growth

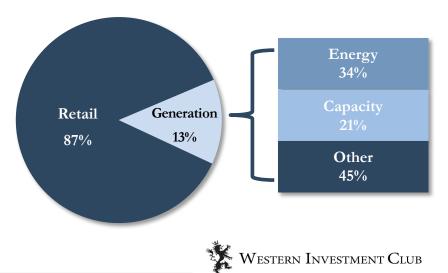
### Overview

- NRG's acquisition of Direct Energy has enabled the company to expand its national presence into the retail energy market, growing revenue by +196.9% Y/Y
- Steady growth of retail revenues as a result of NRG's pricing power and ability to mitigate effects of rising energy costs
- Generation capacity has decreased from 23kMW to 18kMW in the past year to lower fixed costs and direct capital towards retail power

### **Resource Generation Capacity**









# **Internal Analysis: Cost Summary**

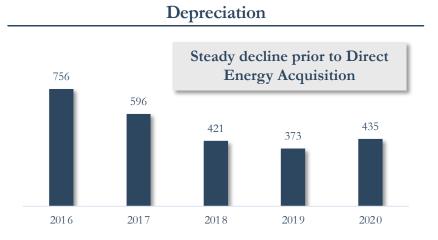
### Pivot towards retail business sees strong cost margin growth due to price control

### **Cost Analysis**

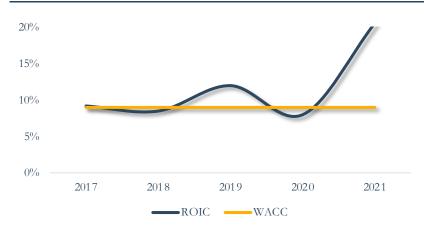
- Strategic movement into retail energy market has reduced fixed-costs of storing energy and optimized profit margins
- Acquisition of Direct Energy allows NRG to pass more costs onto consumers, acting as a hedge against future inflationary pressures
- Although 2021 margins are down due to storm winter Uri, NRG is positioned to capitalize off strong future margin expansion due to less competitive retail market



### Free Cash Flow



# **ROIC** vs WACC





### Source: Company Filings

# Internal Analysis: Capital Utilization



### NRG exercises a strong capital allocation strategy to drive growth and considerable shareholder value

### Financial Summary

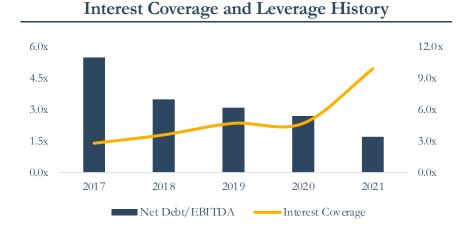
- NRG's robust FCF margins ensure consistent capital to maintain CapEx and expand operations
- With growth driven by inorganic expansion, NRG has the capital to finance debt and M&A
- Nearly half of all FCF is distributed back to shareholders via dividends and buybacks

### **Acquisition Criteria**

- ✓ Scalable and advantaged operations
- $\checkmark$  High retention platforms to aid consolidation
- $\checkmark$  Retail competitors with attractive growth
- ✓ Accretive deal opportunities
- $\checkmark$  Opportunities to expand retail sales
- $\checkmark$  Tuck-ins with high strategic synergy



### **Capital Allocation**





# Internal Analysis: Recent M&A History



NRG's recent acquisitions aid in consolidation and entrance into the retail segment

Select TransactionsCash AcquisSelect Transactions3.6BSelect Transactions3.6BSelect Transactions2.7B1.8B1.8B\$3.6B; 100% stake all cash deal0.9B

• Leading US retail energy company acquired, forming NRG as a leading integrated energy and home services offering



- July 2017 + Ongoing Divesture
- \$1.6B equity lost in restructuring + commitment to divest
   \$4B in bad power generation assets in coming years
- NRG ceded 100% of equity in GenOn following chapter 11 restructuring, spurring a business transformation plan to divest bad generation assets and free up capital to shift towards the retail power segment



# Acquisition Rationale

- NRG acquires attractive assets in the US energy space to expand their footprint in the deregulated space and assist with expansion into new segments
- The company's considerable FCF generation enables to fund a majority of their deals through 100% cash transactions
- NRG's successful M&A history contributes to their strong market positioning and fast onboarding for cash acquisitions



# External Analysis



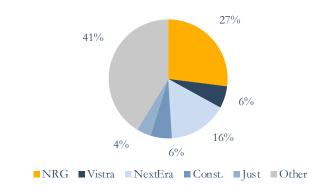


### The deregulated retail segment remains a highly attractive market compared to energy generation

### Segment Overview

- Retail energy companies purchase energy at wholesale prices and sell it to consumers who can choose from multiple providers
- Attractive margin stability despite "uncertainty" in the deregulated market
- Competition in the space remains a concern for investors however, customer stability remains high driven by reliable offerings from the largest providers

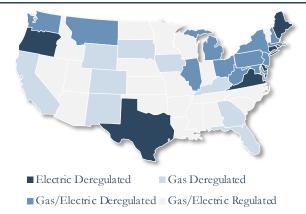




| Location   | Gas     | Electricity |  |  |  |  |  |  |
|--|---------|-------------|--|--|--|--|--|--|
| Contract Renewal Rate<br>(%)   | 85%     | 75%         |  |  |  |  |  |  |
| Average Customer<br>Lifespan   | 9 Years | 6 Years     |  |  |  |  |  |  |
| Contract dynamic in unregulated sector is much more attractive than regulated utility provider |         |             |  |  |  |  |  |  |

**Contract Dynamics** 

### US Deregulated vs Regulated Power Regions





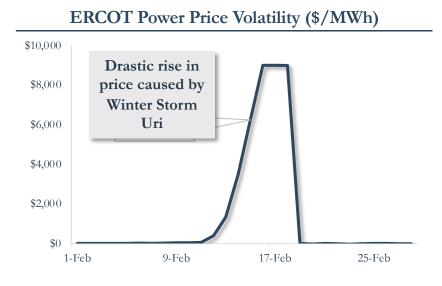
# **ERCOT Dynamic Analysis**



ERCOT places immense stress on Texas energy suppliers through their volatile pricing scheme

### **Company Profile**

- The Electric Reliability Council of Texas (ERCOT) manages the flow of electric power to ~90% of the state's electric load
- The independent system operator schedules power on an electric grid that connects more than 46,500 miles of transmission lines and 710+ generation units
- ERCOT performs financial settlement for the competitive wholesale bulk-power market and administers retail switching for ~8 million premises



### **ERCOT** Energy Coverage



- Following the bankruptcy protection filing from Brazos Electric, ERCOT is under legal pressure
- Brazos Electric argued that ERCOT mismanaged the electric grid, therefore all costs incurred by Brazos and other energy providers should be reversed
- Former ERCOT CEO Bill Magness stated that the decision made by ERCOT was under immense pressure from Texas Gov. Greg Abbott

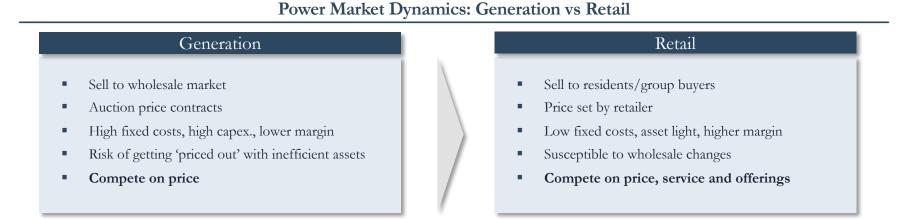


Investment Thesis





## Deregulated power dynamics have shifted, resulting in a riskier generation business if one lacks proper assets











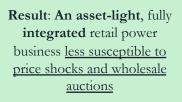
# NRG Energy's "Big Shift"



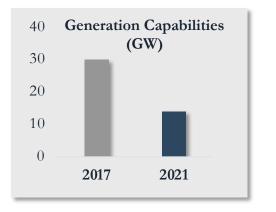
# NRG has been completing their transformation strategy which involves a shift from wholesale generation to the higher margin retail sales

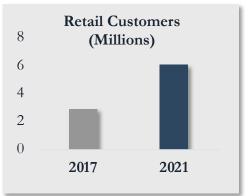
NRG's Transformation

- NRG's business in generation wholesale has been strategically reduced from 2017
- The wholesale market boasts volatility and high fixed costs surrounding older assets
- Inefficient legacy generation assets (primarily coal, 27% of portfolio) were getting priced out of auctions, leading to high fixed costs and idling assets
- Divesting these assets and exiting the wholesale business was the primary goal
- The idea was to match generation capacity to reach the needs of the retail base, without participating in the less attractive wholesale market



## **Generation to Retail**





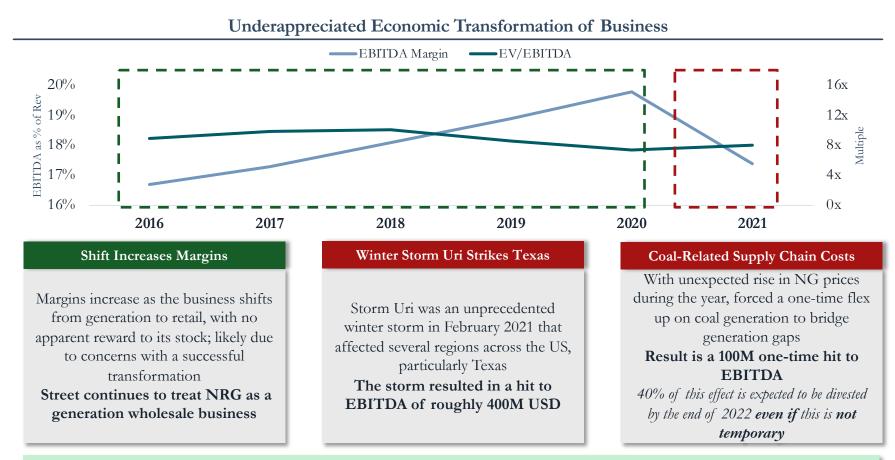




# Perfect Storm Shrouds Attractive Business Transformation



### This fundamental shift in business structure is yet to receive appropriate multiple rerate



**Bottom Line**: NRG's transformation from generation to retail has been largely unappreciated by street primarily due to several onetime costs that have clouded the underlying margin and FCF improvements. Although multiples should **not** be at a **regulated utility's**, positive rerate is expected



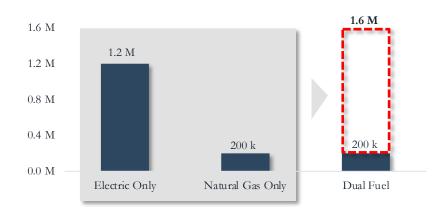
# **Cross-selling Opportunity is Undersold**



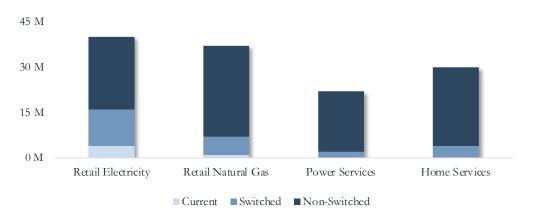
### Direct Energy acquisition is an underrated opportunity to grow core business within current clients

### **Direct Energy Acquisition**

- True cost and cross-selling synergies potential have not been realized by investors due to one-time events:
  - Coal production issues
  - Storm Uri
  - Change in revenue recognition policy
- Estimated to double percentage of integrated customer share by 2025



### **Dual Fuel Opportunity in Existing Customers**



### Penetration in Core Offerings

Superior Net Promoter Score (NPS) indicates strong likelihood of success in expanding Direct Energy's market share in the East:

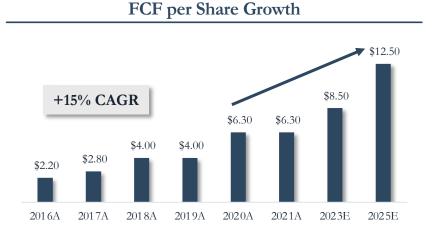
- NRG Home brands: 45-70
- Leading regulated utility: **10-15**



# Free Cash Flow Use Reframes Risk



### Dividends and share buybacks improve the risk-reward profile of holding NRG in the long-term



## Importance of FCF Changes

- Consistent dividends reduces investment risk for NRG
- Management has indicated 69% of 2022 estimated capital will go solely to returning value to shareholders
- 50/50 strategy of opportunistic investment and return of capital which guarantees on top of dividends:
  - Investment at greater of 12-15% unlevered pretax return and hurdle rate
  - Share repurchases



### **Reflection in Financial Performance**

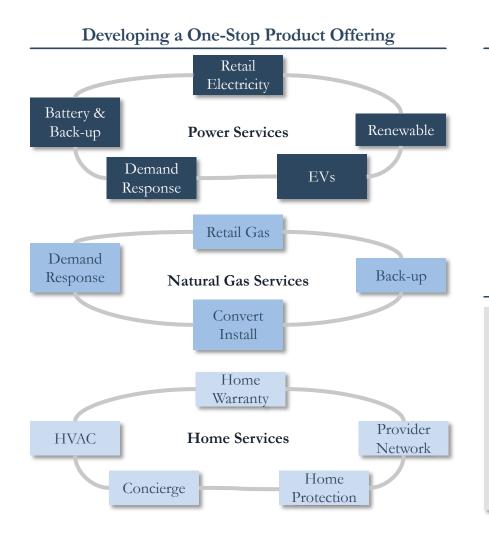
- Resistance to commodity price changes:
  - 2021 EBIT margins (13%) stayed consistent despite service disruption in Texas due to Storm Uri
  - Power prices increased an average of 595% during this time
- Strong margins in relation to competitors:
  - 2021 EBIT margins drop to -12% during the same period for Vistra Corp



# **Product Offering Keeps FCF Thriving**



### Investment in product offering indicate that FCF conversion should stay stable long-term



### **Evidence in Retention**

- Durable customer relationships
  - Renewal win rate: 85% (Gas) and 75% (Power)
  - Average customer relationship: 9 yrs (Gas) and 6 yrs (Power)
- Upselling capabilities and their impact:
  - Add up to \$800 in value/customer on top of
     \$250/customer for new single product customers



### **Best-in-Class Execution**



- 71% enrolled in online tools
- 50+ touchpoints



# Valuation



# Valuation: Multiples & DDM

### Multiple valuation shows upside of 87.9% with 13.4% IRR

### Multiples & DDM

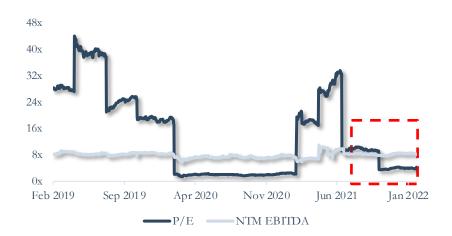
|                           | EV/EBITDA |           |          |
|---------------------------|-----------|-----------|----------|
|                           | Bear      | Base      | Bull     |
| 2026 EBITDA               | \$2,204   | \$2,740   | \$2,783  |
| Multiple                  | 7.0x      | 9.2x      | 11.0x    |
| Enterprise Value          | \$15,431  | \$25,208  | \$30,608 |
| Net Debt                  | (\$7,716) | (\$7,716) | (\$7,716 |
| Equity Value              | \$7,715   | \$17,492  | \$22,892 |
| Shares                    | 245       | 245       | 245      |
| Value / Share             | \$31.49   | \$71.39   | \$93.44  |
| Implied Upside            | (17.1%)   | 87.9%     | 146.0%   |
| 5-Year IRR                | (3.7%)    | 13.4%     | 19.7%    |
|                           | DDM       |           |          |
|                           | Bear      | Base      | Bull     |
| Terminal Value            | \$14      | \$92      | \$95     |
| Discounted Terminal Value | \$9       | \$59      | \$61     |
| Implied Share Price       | \$13      | \$81      | \$85     |
| Discount/(Premium)        | (65.8%)   | 114.5%    | 123.6%   |
| Risk / Reward             | n/a       | 1.7x      | 1.9x     |

Multiple valuation/DDM model projects favorable upside with attractive risk/reward profile. Multiple rerate to NRG's pre-Storm Uri level is a conservative projection.

### **Key Assumptions**

| Key Driver Assumptions   |                          |                     |        |        |    |        |    |        |    |        |
|--|--------------------------|---------------------|--------|--------|----|--------|----|--------|----|--------|
|  |                          | 2022E               |        | 2022E  |    | 2023E  |    | 2024E  |    | 025E   |
| Texas Power Price (\$/MWh)   | \$                       | 103.75              | \$     | 103.75 | \$ | 104.00 | \$ | 104.00 | \$ | 104.00 |
| Rationale: After Storm Uri and spike in energy price in 2022, we are projecting                            |                          |                     |        |        |    |        |    |        |    |        |
| power price to restablize to pre-pande.  | mic level around \$103-  | 104/MWh leve        | el     |        |    |        |    |        |    |        |
| Cost of Fuels As % Of Rev  |                          | 30.9%               |        | 30.9%  |    | 30.0%  |    | 30.0%  |    | 30.0%  |
| Rationale: Superior margin for their   | retail segment in Texa   | s is projected as t | heir   |        |    |        |    |        |    |        |
| generation / retail hybrid model guaran  | ntees lower cost to meet | the exisiting rea   | tail a | lemand |    |        |    |        |    |        |
| West Retail Sales Vol Growth   |                          | 7.6%                |        | 5.0%   |    | 5.0%   |    | 5.0%   |    | 5.0%   |
| Rationale: Recent geographic expansion to West region in NRG's retail business will foster top-line growth |                          |                     |        |        |    |        |    |        |    |        |
| in their high-margin segment for the   | jorecasted period        |                     |        |        |    |        |    |        |    |        |

### Multiple Contraction









## Adjusting conservative dividend yield, investing in NRG reveals 23.6% IRR for 5-year holding period

| 5-Year Holding Period   |   |         |     |      |    |      |    |      |    |      |    |       |
|-------------------------|---|---------|-----|------|----|------|----|------|----|------|----|-------|
|                         |   | May-22  | 202 | 23E  | 20 | )24E | 2  | 025E | 2  | 026E | 2  | 027E  |
| Outflows                |   |         |     |      |    |      |    |      |    |      |    |       |
| 1 Share @ 37.99         |   | (37.99) |     |      |    |      |    |      |    |      |    |       |
| Inflows                 |   |         |     |      |    |      |    |      |    |      |    |       |
| Dividends               |   |         | \$  | 5.28 | \$ | 5.28 | \$ | 5.69 | \$ | 6.10 | \$ | 6.51  |
| Price at Sale           |   |         |     |      |    |      |    |      |    |      |    | 71.39 |
| Net Change in Cash Flow | - | (37.99) |     | 5.28 |    | 5.28 |    | 5.69 |    | 6.10 |    | 77.90 |

### Dividend-adjusted Illustrative IRR

IRR

26.86%

## Returning Capital To Shareholder

- Due to the shift dynamic for NRG as generation/retail hybrid, less intensity in maintenance CapEx spend allowed NRG to actively return capital to shareholders
- Management has disclosed its initiative to resume buyback program with an allocated budget of \$1B for 2022
- Moving forward, the projection illustrates conservative dividend yield and models future share buyback that shows strong IRR

### **Dividend Build**

| Dividend Build  |          |                               |    |                                 |          |                                 |          |                               |    |                                 |
|---|----------|-------------------------------|----|---------------------------------|----------|---------------------------------|----------|-------------------------------|----|---------------------------------|
| Fiscal Period<br>ending<br>weeks                              | F        | <b>ear 1</b><br>eb-24<br>52.1 |    | <b>Year 2</b><br>Feb-24<br>52.1 |          | <b>Year 3</b><br>Feb-24<br>52.3 | F        | <b>ear 4</b><br>eb-24<br>52.1 |    | <b>Year 5</b><br>Feb-24<br>52.1 |
| Discount Factor   |          | 0.92                          |    | 0.84                            |          | 0.77                            |          | 0.70                          |    | 0.64                            |
| Revenue<br>EBIT<br>NOPAT                                      |          | 19,916<br>1,770               |    | 20,676<br>2,406                 |          | 21,367<br>1,836                 |          | 22,289<br>1,936               |    | 23,263<br>2,042                 |
| Add: D&A<br>Less: Capital Expenditures<br>Less: Change in NWC |          | 597<br>(239)<br>(624)         |    | 620<br>(248)<br>(326)           |          | 641<br>(256)<br>213             |          | 669<br>(267)<br>(16)          |    | 698<br>(279)<br>(16)            |
| Unlevered Free Cash Flow                                      |          | 1,504                         |    | 2,453                           |          | 2,434                           |          | 2,321                         |    | 2,445                           |
| <u>Dividend</u><br>Dividend Per Share<br>Discounted Cash Flow | \$<br>\$ | 5.3<br>4.8                    | \$ | 5.3<br>4.4                      | \$<br>\$ | 5.7<br>4.4                      | \$<br>\$ | 6.1<br>4.3                    | \$ | 6.5<br>4.2                      |



# **Comparable Companies Analysis**



## NRG currently trades in line with unregulated peers despite business transformation; steep discount remains compared to regulated utilities

| Comparable Companies Analysis                        |            | General    |             | Tra            | Trading      |        |  |  |  |
|--|------------|------------|-------------|----------------|--------------|--------|--|--|--|
| Company  | Share Pric | e Mkt Cap  | EV          | NTM EV/Rev NTM |              | TM P/H |  |  |  |
| Regulated Utilities                                  |            | All and a  |             |                |              |        |  |  |  |
| The Southern Company (NYSE:SO)                       | \$65.0     | \$68,957.1 | \$127,351.1 | 5.57x          | 12.64x       | 18.36  |  |  |  |
| American Electric Power Company, Inc. (NasdaqGS:AEP) | \$89.5     | \$45,106.8 | \$81,889.6  | 4.85x          | 11.78x       | 17.98  |  |  |  |
| PG&E Corporation (NYSE:PCG)                          | \$11.4     |            | \$68,682.8  | 3.22x          | 8.33x        | 10.34  |  |  |  |
| DTE Energy Company (NYSE:DTE)                        | \$122.0    |            | \$41,858.3  | 3.08x          | 12.23x       | 20.59  |  |  |  |
| Duke Energy Corporation (NYSE:DUK)                   | \$100.2    |            | \$148,741.2 | 5.66x          | 12.12x       | 18.34  |  |  |  |
| Exelon Corporation (NasdaqGS:EXC)                    | \$42.6     | \$41,676.3 | \$83,313.3  | 4.73x          | 11x          | 18.95  |  |  |  |
| Edison International (NYSE:EIX)                      | \$62.4     | \$23,716.6 | \$56,737.6  | 3.76x          | 9.84x        | 13.72  |  |  |  |
| Xcel Energy Inc. (NasdaqGS:XEL)                      | \$67.2     | \$36,587.5 | \$61,183.5  | 4.65x          | 12.47x       | 21.15  |  |  |  |
| Mean   |            |            |             | 4.4x           | 11.3x        | 17.42  |  |  |  |
| Median   |            |            |             | 4.7x           | 12.0x        | 18.4   |  |  |  |
| Unregulated Power                                    |            |            |             |                |              |        |  |  |  |
| Vistra Corp. (NYSE:VST)                              | \$21.9     | \$10,569.5 | \$22,096.5  | 1.34x          | 6.96x        | 14.5:  |  |  |  |
| Entergy Corporation (NYSE:ETR)                       | \$105.6    | \$21,396.1 | \$48,323.2  | 4.19x          | 11.27x       | 16.65  |  |  |  |
| Mean   |            |            |             | 2.8x           | 9.1x         | 15.6   |  |  |  |
| Median   |            |            |             | 2.8x           | 9.1x<br>9.1x | 15.6   |  |  |  |
|  |            |            |             |                |              |        |  |  |  |
| NRG Energy, Inc. (NYSE:NRG)                          | \$38.0     | \$9,199.4  | \$17,236.4  | 0.81x          | 8.06x        | 9.12:  |  |  |  |

NRG currently trades in line with unregulated power companies, despite shedding excess generation assets that other peers continue to operate NRG trades at a steep discount compared to regulated peers, although multiple gap may be undeserved given their business shift to an integrated power model, providing higher margins and greater stability, similar to regulated utilities



Risks & Mitigations



# **Risks & Mitigations**



## Several risks could have adverse implications on the value and success of NRG

|  | Details  | Mitigation   |
|--|--|--|
| High Debt Load   | <ul> <li>NRG has about \$8.29B of debt due to<br/>their recent acquisition of Direct Energy<br/>which could have negative effects on its<br/>future growth</li> </ul>  | <ul> <li>NRG has been consistently paying down<br/>their debt. Their recent divesting efforts<br/>will free up substantial amounts of<br/>capital and be able to pay off its debt<br/>over time</li> </ul>   |
| Low Interest Coverage  | <ul> <li>NRG has a current interest<br/>coverage ratio of 7.7x. Inability to cover<br/>their interest expenses in the future<br/>may put them in financial distress</li> </ul>                                     | <ul> <li>NRG has grown after expanding into<br/>retail, with revenue growing<br/>+196.9% YoY. Consistent<br/>revenue growth should position NRG to<br/>comfortably cover their interest expenses</li> </ul>  |
| Retail Segment Transfer<br>Failure                           | <ul> <li>Failure to successfully integrate into the<br/>retail sector could heavily disrupt the<br/>company's future wellbeing, rendering its<br/>efforts futile</li> </ul>  | <ul> <li>Successful acquisition of Direct Energy<br/>has propelled NRG into the retail space,<br/>with 2/3 synergies already realized.<br/>Management should continue its trend of<br/>obtaining good acquisition and<br/>expansion opportunities</li> </ul> |
| Environmental Concerns<br>Over Current Generation<br>Profile | <ul> <li>NRG's generation profile<br/>emitted 27,728,489 metric tons of CO2<br/>in 2020. Keeping their emissions levels<br/>consistent will risk them facing social<br/>backlash and consumer avoidance</li> </ul> | <ul> <li>NRG's retail transition will increase<br/>its renewable energy output and lower its<br/>carbon emissions. NRG was a recipient at<br/>2021 SEAL Business Sustainability<br/>Awards</li> </ul>  |



# Catalysts





### Thesis realization will take place through external issues subsiding, multiple rerating, and share buyback program

External Issues Subsiding

- Storm Uri-related uncertainty and legislative issues will subside, improving the Texas electricity market and strengthening NRG's retail supply performance
- As market grows more optimistic on the external environment, there will be multiple expansion causing upward pressure on NRG's stock price

Margin Improvements Driven by Retail Shift

- NRG's acquisition of Direct Energy and its transition into a retail-focused business will lead to rapid growth in EBITDA and stronger margins, which the market has yet to appreciate
- Realization of the shift will render stronger results in future earnings reports, driving appreciation for the stock

Short-term

Excess Cash Flow Used for Share Repurchases

- Storm Uri prevented share repurchases in 2021 and management focused on using cash flow to reduce debt levels
- As the \$1B share repurchases program continues to be executed throughout 2022, NRG will deliver higher value to shareholders, causing the stock price to increase

Long-term

VESTERN INVESTMENT CLUB



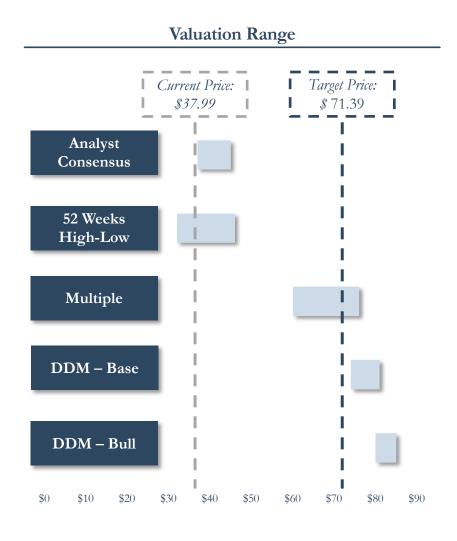
Investment Summary



# Recommendation



### Buy recommendation for NRG at \$37.99 for an implied upside of 87.9%



### **Base Case Sensitivity**

WACC

|       | <b>Termindal Year Dividend Growth</b> |         |         |         |         |  |  |  |  |
|-------|---------------------------------------|---------|---------|---------|---------|--|--|--|--|
|       | 1.0%                                  | 1.5%    | 2.0%    | 2.5%    | 3.0%    |  |  |  |  |
| 7.2%  | \$98.2                                | \$105.2 | \$113.5 | \$123.6 | \$136.1 |  |  |  |  |
| 8.2%  | \$84.3                                | \$89.2  | \$94.9  | \$101.6 | \$109.6 |  |  |  |  |
| 9.2%  | \$73.7                                | \$77.3  | \$81.5  | \$86.2  | \$91.7  |  |  |  |  |
| 10.2% | \$65.5                                | \$68.2  | \$71.3  | \$74.8  | \$78.8  |  |  |  |  |
| 11.2% | \$58.9                                | \$61.0  | \$63.4  | \$66.1  | \$69.0  |  |  |  |  |

|      |       | Termindal Year Dividend Growth |         |         |         |         |  |  |  |  |  |
|------|-------|--------------------------------|---------|---------|---------|---------|--|--|--|--|--|
|      |       | 1.0%                           | 1.5%    | 2.0%    | 2.5%    | 3.0%    |  |  |  |  |  |
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| WACC | 9.2%  | \$73.7                         | \$77.3  | \$81.5  | \$86.2  | \$91.7  |  |  |  |  |  |
|      | 10.2% | \$65.5                         | \$68.2  | \$71.3  | \$74.8  | \$78.8  |  |  |  |  |  |
|      | 11.2% | \$58.9                         | \$61.0  | \$63.4  | \$66.1  | \$69.0  |  |  |  |  |  |

### Recommendation

### Buy Recommendation for NRG Energy, Inc (NYSE:NRG) at \$37.99

Implied Upside: 87.9%



# Appendix



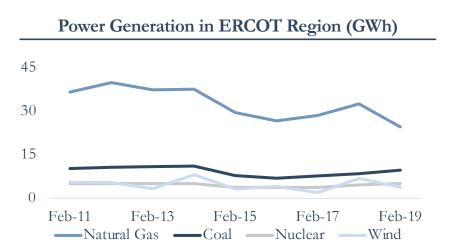
# Appendix: Storm Uri



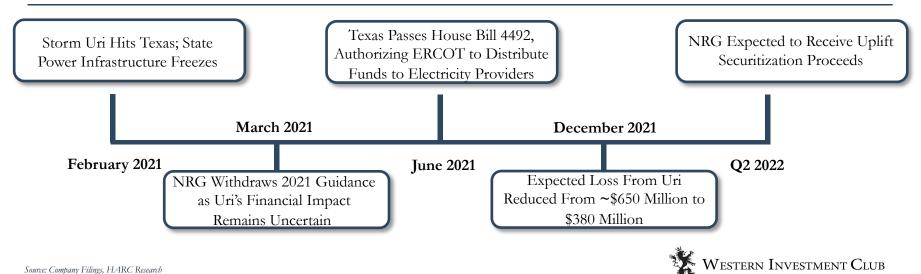
### Extreme winter storms in February 2021 caused troubles for NRG's Texas business

### Overview

- In February 2021, a winter storm hit parts of North America and caused widespread failures of the power grid and water supply, particularly in Texas
- ERCOT had grossly underestimated the amount of electricity needed during the storm and major power sources were not equipped for the cold and icy conditions
- Between February 14-20, over two-thirds of Texans lost power at some point, contributing to 210 deaths



### Timeline





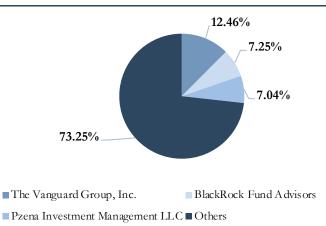
## Mauricio Gutierrez & Elizabeth Killinger lead NRG into a new retail era

## Mauricio Gutierrez (President & CEO)

- Holds a bachelor's degree in industrial engineering from the Universidad Panamericana and two master's degrees - one in mineral economics from the Colorado School of Mines and one in petroleum economics from the French Petroleum Institute
- joined NRG in 2004 as a Portfolio Director before becoming a VP of Trading, Executive VP of Commercial Operations, the COO and eventually the CEO in 2015
- Mauricio has held several senior positions at energy merchant Dynegy and consulting firm DTP in Mexico City.

### Elizabeth Killinger (EVP & NRG Home President)

- Graduated from University of Houston with a BBA in Management Information Systems
- Worked in oilfield services, software development, and management consulting before joining NRG in 2002
- Responsible for leading NRG's \$6 billion Customer division including Reliant Energy and NRG's other brands
- Played a key role in the company's "Era of Personal Power" and transition to competitive electricity markets with customer service at its core







Brian Curci

EVP, Legal and General Counsel

# Others in Senior Management

Chris Moser

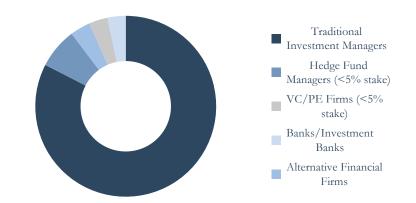


Western Investment Club

### Large institutional investors continue to hold NRG Energy shares, and some have increased their portfolio

### **Ownership Summary**

- Institutional ownership is over 98.9%
- Individuals and Insider ownership sits at 0.284%
- State Owned Shares make up 0.04% of ownership
  - Large number of institutional owners means shareholder base is strong and investors are confident in the long-term performance of NRG Energy stock



**Institutional Ownership** 

### **Current Top Holders Activity**

