

SunPower Corp.

4Q23 preview: challenging 2024 complicated by liquidity resolution

Reiterate Rating: UNDERPERFORM | PO: 3.50 USD | Price: 3.88 USD

2024 cost improvement and cash generation bias to 2H

We maintain our Underperform rating on shares of residential solar focused company SunPower (SPWR). We see 2024 revenues -22% below consensus with MW deployments declining -20% YoY and pricing down -20% on weaker market demand and sharing lower-cost panel supply with customers. Immediate liquidity needs to normalize leverage necessitate a quicker rebound in residential solar installations in 2024 than consensus expectations for perhaps a -20% decline YoY for the broader market. We layer in 100bps higher gross margin than previously from lower COGS on less premium panels and fixed cost out from headcount reduction, but benefits to cost structure and cash generation are 2H24-weighted. Investors see greater urgency to correct liquidity issues as January 19th credit waiver deadline looms with near-term operational solutions not currently evident. Dilution risk a key concern given our estimate for a multi-hundred \$m equity need to normalize debt and cash balances in 2024 vs current \$700Mn market cap.

Liquidity fix needed from incremental capital by Jan 19

We view investment restructuring or equity issuance from majority owner TotalEnergies as the most likely source of incremental capital given limited access to public markets. Even with significant inventory unwind in 2024 that could provide \$150-175Mn of cash generation, we see need to normalize elevated leverage considering recovery of TTM EBITDA in denominator on credit metric ratios will not meaningfully recover for several quarters. Reducing leverage by half and returning cash balances to normalized ~\$300Mn levels requires \$200Mn+ cash inflows plus inventory unwind with ~\$100Mn cash on hand and ~\$275Mn recourse debt. Potentially see TPI Composites restructuring with Oaktree as precedent for private agreement to supplement liquidity (description here). Conversely, could mgmt consider monetizing its 51% stake in SunStrong?

PO down to \$3.50/share; lower MWs, higher margins

Despite being down -20% YTD and over -75% since January 2023, we still see -10% downside based on our SOTP analysis and identify binary insolvency risk depending on resolution of credit agreement breaches and subsequent access to capital. We move our 2024-2026 FCF and EBITDA/customer before platform investment estimates lower, attributable to a slightly weaker residential market outlook, though conforming to new accounting following restatements pushes gross margin higher.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	(0.21)	0.29	(0.71)	(0.33)	(0.12)
GAAP EPS	(0.21)	0.30	(0.63)	(0.33)	(0.12)
EPS Change (YoY)	NM	NM	NM	53.5%	63.6%
Consensus EPS (Bloomberg)			(0.62)	(0.26)	0.10
DPS	0	0	0	0	0
Valuation (Dec)					
P/E	NM	13.4x	NM	NM	NM
GAAP P/E	NM	12.9x	NM	NM	NM
EV/EBITDA*	20.5x	9.6x	377.5x	21.1x	12.4x
Free Cash Flow Yield*	-2.4%	-33.8%	-20.4%	18.5%	3.3%
* For full definitions of <i>IQ</i> method SM measures, see page 8.					

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Refer to important disclosures on page 9 to 11. Analyst Certification on page 6. Price
Objective Basis/Risk on page 6.

Equity

09 January 2024

 Key Changes
 Previous
 Current

 (US\$)
 Previous
 3.50

 Price Obj.
 4.25
 3.50

 2024E Rev (m)
 1,331.0
 1,258.6

 2025E Rev (m)
 1,704.6
 1,422.8

 2023E FPS
 -0.93
 -0.71

-0.40

-0.06

-0.33

-0.12

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2024E EPS

2025F FPS

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Stock Data

BofAS

Price	3.88 USD
Price Objective	3.50 USD
Date Established	8-Jan-2024
Investment Opinion	C-3-9
52-Week Range	3.62 USD - 19.32 USD
Mrkt Val (mn) / Shares Out	680 USD / 175.4
(mn)	
Free Float	48.7%
Average Daily Value (mn)	33.70 USD
BofA Ticker / Exchange	SPWR / NAS
Bloomberg / Reuters	SPWR US / SPWR.OQ
ROE (2023E)	-25.5%
Net Dbt to Eqty (Dec-2022A)	6.7%
ESGMeter™	Medium

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

iQprofile[™] SunPower Corp.

iQmethod [™] – Bus Performance*	20214	20224	20225	20245	20255
(US\$ Millions)	2021A -2.1%	2022A -0.4%	2023E -8.6%	2024E -5.3%	2025E -2.3%
Return on Capital Employed	-2.1% -9.5%	-0.4% 10.7%	-0.6% -25.5%	-5.5% -10.9%	-2.5% -3.8%
Return on Equity Operating Margin	-9.5% -2.1%	-2.1%	-25.5% -6.3%	-4.9%	-3.8% -2.1%
Free Cash Flow	-2.1% (16)	(230)	(139)	-4.9% 126	-2.1% 22
Tree Casiff low	(10)	(230)	(139)	120	22
iQmethod [™] - Quality of Earnings*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Cash Realization Ratio	NM	-3.6x	NM	NM	NM
Asset Replacement Ratio	1.3x	1.4x	1.0x	0.7x	0.6x
Tax Rate	NM	NM	8.8%	8.8%	8.8%
Net Debt-to-Equity Ratio	-18.7%	6.7%	27.2%	-21.8%	-26.7%
Interest Cover	-0.9x	-0.4x	-6.4x	-12.5x	-11.4x
Income Statement Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Sales	1,323	1,713	1,683	1,259	1,423
% Change	17.7%	29.4%	-1.8%	-25.2%	13.0%
Gross Profit	222	366	287	242	314
% Change	32.6%	65.0%	-21.5%	-15.8%	29.8%
EBITDA	54	116	3	53	89
% Change	33.9%	113.8%	-97.5%	NM	69.8%
Net Interest & Other Income	(5)	97	(24)	(5)	(3)
Net Income (Adjusted)	(37)	50	(125)	(60)	(29)
% Change	NM	NM	NM	51.7%	51.7%
Free Cash Flow Data (Dec) (US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Net Income from Cont Operations (GAAP)	(38)	99	(118)	(60)	(29)
Depreciation & Amortization	12	35	48	48	48
Change in Working Capital	0	(175)	(49)	145	5
Deferred Taxation Charge	NA	NA	NA	NA	NA
Other Adjustments, Net	25	(140)	30	28	28
Capital Expenditure	(15)	(49)	(50)	(35)	(30)
Free Cash Flow	-16	-230	-139	126	22
% Change	91.9%	NM	39.7%	NM	
Share / Issue Repurchase				200	
	3	0	0	200	-82.3%
Cost of Dividends Paid	0	0	0	0	- 82.3% 0
Cost of Dividends Paid Change in Debt		0			- 82.3% 0
Change in Debt	0	0	0	0	- 82.3% 0
	0	0	0	0	- 82.3% 0 0
Change in Debt Balance Sheet Data (Dec)	0 (29)	0 0 (36)	0 251	0 (175)	-82.3% 0 0 0
Change in Debt Balance Sheet Data (Dec) (US\$ Millions)	0 (29) 2021A 497 127	0 0 (36) 2022A 388 170	0 251 2023E 148 231	0 (175) 2024E 299 173	-82.3% 0 0 0 2025E 321 195
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents	0 (29) 2021A 497	0 0 (36) 2022A 388	0 251 2023E 148	0 (175) 2024E 299	-82.3% 0 0 0 2025E 321 195
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	0 (29) 2021A 497 127	0 0 (36) 2022A 388 170	0 251 2023E 148 231	0 (175) 2024E 299 173	-82.3% 0 0 0 20258 321 195 441
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	0 (29) 2021A 497 127 450	0 0 (36) 2022A 388 170 695	0 251 2023E 148 231 600	0 (175) 2024E 299 173 457	-82.3% 0 0 0 2025E 321 195 441 346
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	0 (29) 2021A 497 127 450 35	0 0 (36) 2022A 388 170 695 76	0 251 2023E 148 231 600 185	0 (175) 2024E 299 173 457 268	-82.3% 0 0 0 0 20258 321 195 441 346 416
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets	0 (29) 2021A 497 127 450 35 446	0 (36) 2022A 388 170 695 76 435	0 251 2023E 148 231 600 185 416	0 (175) 2024E 299 173 457 268 416	-82.3% 0 0 0 20258 321 195 441 346 416 1,719
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets	0 (29) 2021A 497 127 450 35 446 1,555 0 506	0 (36) 2022A 388 170 695 76 435 1,764 425 627	0 251 2023E 148 231 600 185 416 1,580 0 580	0 (175) 2024E 299 173 457 268 416 1,611 58 523	-82.3% 0 0 0 0 2025E 321 195 441 346 416 1,719 0 535
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt	0 (29) 2021A 497 127 450 35 446 1,555	0 0 (36) 2022A 388 170 695 76 435 1,764 425	0 251 2023E 148 231 600 185 416 1,580 0	0 (175) 2024E 299 173 457 268 416 1,611 58	-82.3% 0 0 0 0 2025E 321 195 441 346 416 1,719 0 535
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities	0 (29) 2021A 497 127 450 35 446 1,555 0 506 424 235	0 (36) 2022A 388 170 695 76 435 1,764 425 627	0 251 2023E 148 231 600 185 416 1,580 0 580	0 (175) 2024E 299 173 457 268 416 1,611 58 523	-82.3% 0 0 0 0 2025E 321 195 441 346 416 1,719 0 535 64
Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	0 (29) 2021A 497 127 450 35 446 1,555 0 506 424	0 0 (36) 2022A 388 170 695 76 435 1,764 425 627 0	0 251 2023E 148 231 600 185 416 1,580 0 580 297	0 (175) 2024E 299 173 457 268 416 1,611 58 523 64	-82.3% 0 0 0 0 2025E 321 195 441 346 416 1,719 0 535 64 156 755

390

1,555

556

1,764

547

1,580

811

1,611

964

1,719

Company Sector

Alternative Energy

Company Description

SunPower Corporation (NASDAQ: SPWR) sells and installs solar panels for residential customers. Total SA, one of the largest integrated oil and gas companies in the world, owns 57% of SunPower.

Investment Rationale

Our Underperform rating is hinged to both a challenging liquidity position and significant negative revision potential on 2024 and 2025 estimates after a year of compression in 2023. We stress that SPWR is seeing headwinds on both a gross margin and volumetric basis that, despite modest improvement to cost structure, could face structural headwinds for the foreseeable future.

Stock Data

Average Daily Volume 8,684,565

Quarterly Earnings Estimates

	2022	2023
Q1	-0.19A	-0.31A
Q2	-0.36A	-0.18A
Q3	0.72A	-0.20A
Q4	0.04A	-0.02E



Total Equity

Total Equity & Liabilities

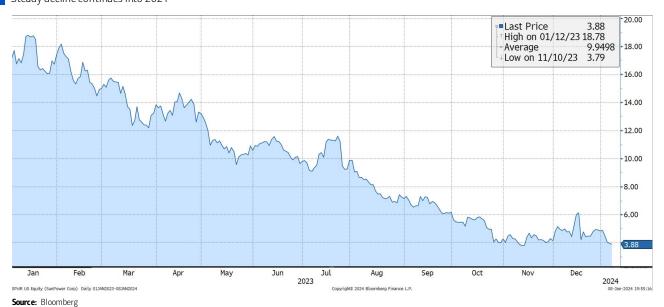
* For full definitions of \emph{IQ} method $^{\text{SM}}$ measures, see page 8.

Can shares go lower? Yes

Over 2023, shares of SunPower progressively declined from \$17 to less than \$4 as residential solar demand in California faced the Net Energy Metering (NEM) 3.0 cliff in May. Untimely repayment of \$425Mn convertible debt brought cash on hand to \$116Mn exiting the first quarter of 2023, approximately \$260Mn below year-end 2022. Without a significant recovery in volumes, building a normalized cash position in 2023 from operations has been significantly challenged, especially with resolution of the Maxeon supply agreement requiring a significant outflow for higher-than-market-price inventory late in the year. While cost-out efforts have been put in place to support higher gross margin and drive a volume-independent recovery in the business, true operational cash generation (excluding inventory unwind) is not expected to be meaningful until 2H24. SunPower's liquidity needs are immediate. Its short-term credit waiver agreement and \$50Mn supplemental liquidity provided by existing and new creditors expires January 19th, which sets a deadline for deliberation as to how to fix the capital structure of the business while promoting long-term growth. We see SPWR's trailing-twelve months EBITDA worsening after 4Q23, and as such believe that extension of currently suspended revolving credit facilities is unlikely without incremental capital. This fact pattern points to equity needs, for which public capital market access is hindered by disruption in timely financial statement filing that occurred after 3Q23. While SPWR's strategic ownership structure could provide a workaround for restructuring to provide access to capital, we expect equity dilution could be acute at current depressed stock levels, sizing a \$200Mn need versus SPWR's \$700Mn market cap.

Exhibit 1: SPWR share price performance since January 2023

Steady decline continues into 2024



New estimates lower on resi solar weakness

We are updating our estimates to conform to SPWR's updated accounting methodology following 3Q23 restatements. In general, the restatements reflect higher gross margin and higher opex, resulting in roughly similar EBITDA. We have also reduced our estimates for MW deployments and sales to reflect still weaker residential solar market conditions, exacerbated by SPWR's heavy concentration in California, which is still underperforming most other geographies due to NEM 3.0. We expect gross margin to progress higher throughout the planning period, with significant cost-out from lower cost panels and fixed cost management driving gross margin past the 20% target threshold in 2025. However, we still see EBITDA/customer before platform investment over 15% below the low-end target 2025 guidance of \$3,000-\$4,000. We expect this guidance to be reassessed on SunPower's 4Q23 conference call on February 15, 2024.



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Exhibit 2: Updated SPWR estimates

Lower MWs and revenues on weaker residential solar demand; gross margins higher on cost structure optimization efforts

	2022E	2023E	2024E	2025E	2026E	2027E	2028E	2029E
Key KPIs								
MW (All Residential)								
BofA	558	529	424	466	547	629	724	832
Memo: BofA Previous	558	529	453	549	644	734	833	940
% Change	0%	0%	-6%	-15%	-15%	-14%	-13%	-11%
Revenue (\$mm)								
BofA	1,713	1,683	1,259	1,423	1,634	1,833	2,061	2,317
Consensus (BBG)	1,708	1,698	1,620	1,871	1,835	1,750	0	0
Memo: BofA Previous	1,713	1,683	1,331	1,705	1,953	2,174	2,414	2,664
% Change	0%	0%	-5%	-17%				
Gross Margins (%)								
BofA	23%	16%	19%	22%	23%	24%	24%	25%
Consensus (BBG)	22%	19%	16%	20%	21%	20%	0%	0%
Memo: BofA Previous	22%	16%	18%	20%	21%	21%	22%	23%
% Change	6%	1%	5%	12%				
EBITDA (\$mm)								
BofA	103	(39)	53	89	135	169	210	257
Consensus (BBG)	99	(29)	39	104	128	132	159	0
Memo: BofA Previous	95	(41)	55	114	166	205	248	296
% Change	9%	-5%	-5%	-22%				
Implied EBITDA per Customer (net of P&D) \$/customer								
Customers	83	77	62	69	81	93	107	123
Memo: BofA Previous	83	89	90	106	83	108	123	138
% Change	0%	-14%	-30%	-35%	-3%	-14%	-13%	-11%
,, ,,,,,,,		,-	2272					
Restatement		(42.00)						
Residentene		(12.00)						
BofA (\$s/Customer)	2,126	702	2,122	2,522	2,802	2,877	2,953	3,022
Guidance	\$2,000-2,400							
	1,000	272	1 22 4	1 200	1.622	1.677	1 720	1 700
Baseline (including cost improvements)	1,993	273	1,224	1,399	1,622	1,677	1,730	1,780
Financing attachment	66	129	223	302	328	321	315	310
Storage Attachment	26	51	344	485	512	539	569	595
CaC Reduction	42	248	331	336	341	340	339	338

Source: BofA Global Research, Company filings, Bloomberg

BofA GLOBAL RESEARCH

Valuation: PO to \$3.50/share; insolvency risk

We reduce our PO to \$3.50/share from \$4.25/share prior, reflecting lower discounted future cash flows from weaker residential solar volumes, partially offset by improved cost structure driving incrementally higher gross margins through the planning period. On balance, we still view unfavorable risk/reward given necessary repair to the balance sheet to rectify SPWR's challenged near-term liquidity. We assess there to be real insolvency risk given the immediacy of the January 19 temporary credit agreement deadline and very few options to rectify SPWR's low cash position. We see most roads pointing to some restructuring or liquidity-driving transaction with Total, given criticality to improving near-term liquidity and lack of access to public capital markets. Additionally, we expect there to be significant potential for long-term target metric revisions when SunPower provides 2024 financial guidance in February.



Exhibit 3: SPWR Valuation

PO lower on lower discounted future cash flows

SPWR Valuation

2023	2024	2025	2026	2027	2028	2020
11				2021	2020	2029
11	18	59	115	154	195	242
28	28	28	28	28	28	28
(17)	(10)	31	87	126	167	214
(17)	(9)	23	53	65	73	79
404						
671						
	(17) (17) 404	(17) (10) (17) (9) 404	(17) (10) 31 (17) (9) 23 404	(17) (10) 31 87 (17) (9) 23 53 404	(17) (10) 31 87 126 (17) (9) 23 53 65 404	(17) (10) 31 87 126 167 (17) (9) 23 53 65 73 404

SPWR PowerCo Valuation	Value
SPWR Share of Net Retained Value in HASI Sunstrong JV	<u>270</u> a
Contracted Value Portion - 30%	81 b=30% x a
Renewal Value Portion - 70%	189 c=70% xa
Renewal Credit (20%)	38 d = 20% x c
SPWR PowerCo Value	119 e = b + d

3Q23 Cash and Restricted Cash	\$131
Pro Forma Cash	116
ST + LT Debt	(307)
Total HoldCo Debt	(\$307)
Net Cash (Debt) + Liabilities	(\$191)

Equity Value	SPWR Post-Split
Implied DevCo Value	\$671
PowerCo Value	\$119
Net Cash (Debt) + Liabilities	(\$191)_
Equity Value	\$599
Shares Outstanding	175
Total SPWR Equity Value (\$/Share)	3.50
Total Potential Return (as of 1/8/24)	(12%)

Source: BofA Global Research, Company filings, Bloomberg

BofA GLOBAL RESEARCH



Price objective basis & risk

SunPower Corp. (SPWR)

Our \$3.50/sh PO is based on a combination of SOTP methodology. For future growth assets we use a DCF based on FCF to equity ests from '23 to '29. We apply a 6x terminal value multiple and a 18% discount rate, in-line with our approach for resi solar peers which reflects recent market volatility and higher execution risk on long term growth. We add back the net cash position, and value for contracted assets in SPWR's joint venture financing partnership, SunStrong. On SunStrong, we include 20% credit for renewal value stake.

Upside risks 1) better than expected pricing environment, 2) improving margins/cost structure, 3) declining input costs., 4) better than downstream planned sys biz expansion, and 5) reduced customer acquisition costs.

Downside risks 1) worse/declining price environment, 2) declining margins or worse than expected cost structure, 3) worsening liquidity position4) worse Chinese/global demand environment, 5) worse execution on downstream systems biz, 6) tech fails to live up to expectations.

Analyst Certification

I, Julien Dumoulin-Smith, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

North America - Utilities and Alt Energy Coverage Cluster

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
BUY				
	Alliant Energy Corporation	LNT	LNT US	Julien Dumoulin-Smith
	Array Technologies	ARRY	ARRY US	Julien Dumoulin-Smith
	Atlantica Sustainable Infrastructure	AY	AY US	Julien Dumoulin-Smith
	Atmos Energy Corporation	ATO	ATO US	Julien Dumoulin-Smith
	CenterPoint Energy	CNP	CNP US	Julien Dumoulin-Smith
	Cheniere Energy Inc	LNG	LNG US	Julien Dumoulin-Smith
	Clearway Energy	CWENA	CWEN/A US	Julien Dumoulin-Smith
	Clearway Energy	CWEN	CWEN US	Julien Dumoulin-Smith
	CMS Energy	CMS	CMS US	Julien Dumoulin-Smith
	Consolidated Edison	ED	ED US	Julien Dumoulin-Smith
	DTE Energy	DTE	DTE US	Julien Dumoulin-Smith
	Duke Energy	DUK	DUK US	Julien Dumoulin-Smith
	Enlight Renewable Energy Ltd	ENLT	ENLT US	Julien Dumoulin-Smith
	Enlight Renewable Energy Ltd	XENLF	ENLT IT	Julien Dumoulin-Smith
	Entergy	ETR	ETR US	Paul Zimbardo
	First Solar, Inc.	FSLR	FSLR US	Julien Dumoulin-Smith
	Fluence Energy	FLNC	FLNC US	Julien Dumoulin-Smith
	Hannon Armstrong	HASI	HASI US	Julien Dumoulin-Smith
	Hydro One	YH	H CN	Dariusz Lozny, CFA
	MDU Resources Group, Inc.	MDU	MDU US	Dariusz Lozny, CFA
	Nextracker Inc	NXT	NXT US	Julien Dumoulin-Smith
	NiSource Inc	NI	NI US	Julien Dumoulin-Smith
	NorthWestern Corporation	NWE	NWE US	Julien Dumoulin-Smith
	NRG Energy	NRG	NRG US	Julien Dumoulin-Smith
	PG&E Corporation	PCG	PCG US	Julien Dumoulin-Smith
	PNM Resources Inc.	PNM	PNM US	Julien Dumoulin-Smith
	Portland General Electric Company	POR	POR US	Julien Dumoulin-Smith
	PPL Corporation	PPL	PPL US	Paul Zimbardo
	Public Service Enterprise Group	PEG	PEG US	Julien Dumoulin-Smith
	Sempra Energy	SRE	SRE US	Julien Dumoulin-Smith
	Sunnova Energy	NOVA	NOVA US	Julien Dumoulin-Smith



North America - Utilities and Alt Energy Coverage Cluster

vestment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
	SunRun	RUN	RUN US	Julien Dumoulin-Smith
	TPI Composites	TPIC	TPIC US	Julien Dumoulin-Smith
	Vistra Energy	VST	VST US	Julien Dumoulin-Smith
	Xcel Energy Inc	XEL	XEL US	Julien Dumoulin-Smith
EUTRAL				
:U I KAL	AFC	A.F.C	AFCLIC	11: 5 1: 6 ::1
	AES	AES	AES US	Julien Dumoulin-Smith
	Algonquin Power & Utilities Corp	AQN	AQNUS	Dariusz Lozny, CFA
	Algonquin Power & Utilities Corp	YAQN	AQN CN	Dariusz Lozny, CFA
	AltaGas	YALA	ALA CN	Dariusz Lozny, CFA
	Ameren Corporation	AEE	AEE US	Julien Dumoulin-Smith
	Ameresco	AMRC	AMRC US	Julien Dumoulin-Smith
	American Electric Power	AEP	AEP US	Julien Dumoulin-Smith
	Bloom Energy	BE	BE US	Julien Dumoulin-Smith
	ChargePoint Holdings	CHPT	CHPT US	Cameron Lochridge
	Constellation Energy Corp	CEG	CEG US	Paul Zimbardo
	Emera Inc	YEMA	EMA CN	Dariusz Lozny, CFA
	Essential Utilities	WTRG	WTRG US	Julien Dumoulin-Smith
	Evergy, Inc	EVRG	EVRG US	Julien Dumoulin-Smith
	Exelon	EXC	EXC US	Paul Zimbardo
		GNRC	GNRC US	lulien Dumoulin-Smith
	Generac Holdings Inc. Idacorp	IDA	IDA US	Paul Zimbardo
				Julien Dumoulin-Smith
	Maxeon Solar Technologies	MAXN	MAXN US	
	New Fortress Energy	NFE	NFE US	Cameron Lochridge
	NextEra Energy	NEE	NEE US	Julien Dumoulin-Smith
	NextEra Energy Partners	NEP	NEP US	Julien Dumoulin-Smith
	OGE Energy Corp	OGE	OGE US	Julien Dumoulin-Smith
	Ormat Technologies	ORA	ORA US	Julien Dumoulin-Smith
	Pinnacle West	PNW	PNW US	Julien Dumoulin-Smith
	Southern Company	SO	SO US	Julien Dumoulin-Smith
	Southwest Gas Holdings	SWX	SWX US	Julien Dumoulin-Smith
	TransAlta Corp	TAC	TAC US	Dariusz Lozny, CFA
	TransAlta Corporation	YTA	TA CN	Dariusz Lozny, CFA
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NDERPERFORM				
	Allete Inc	ALE	ALE US	Julien Dumoulin-Smith
	American Water Works	AWK	AWK US	Julien Dumoulin-Smith
	Avangrid	AGR	AGR US	Paul Zimbardo
	Avista	AVA	AVA US	Julien Dumoulin-Smith
	Black Hills Corporation	BKH	BKH US	Julien Dumoulin-Smith
	Dominion Energy	D	D US	Paul Zimbardo
	Edison International	EIX	EIX US	Paul Zimbardo
	Enphase Energy	ENPH	ENPH US	Julien Dumoulin-Smith
	Eversource Energy	ES	ES US	Paul Zimbardo
	FirstEnergy	FE	FE US	Julien Dumoulin-Smith
	Fortis	YFTS	FTS CN	Dariusz Lozny, CFA
	Fortis Inc	FTS	FTS US	Dariusz Lozny, CFA
	FREYR Battery	FREY	FREY US	Iulien Dumoulin-Smith
	FTC Solar	FTCI	FTCLUS	Julien Dumoulin-Smith
	Hawaiian Electric Industries	HE	HE US	Julien Dumoulin-Smith
	MGE Energy	MGEE	MGEE US	Julien Dumoulin-Smith
	New Jersey Resources Corp	NJR	NJR US	Julien Dumoulin-Smith
	ONE Gas, Inc.	OGS	OGS US	Julien Dumoulin-Smith
	SolarEdge Technologies	SEDG	SEDG US	Julien Dumoulin-Smith
	Spire	SR	SRUS	Julien Dumoulin-Smith
	Stem, Inc.	STEM	STEM US	Julien Dumoulin-Smith
	C D C		SPWR US	Julien Dumoulin-Smith
	SunPower Corp.	SPWR	SEANI OS	Julien Durnoulli 1-3milii
	SunPower Corp. UGI Corp.	SPWR UGI	UGIUS	Julien Dumoulin-Smith



Qmethod ^{su} Measures Definitions

Di D	Nonconton	December 1
Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) \times (1 – Tax Rate) + Goodwill Amortization	Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
Enterprise value / Sules	Other LT Liabilities	

EV/EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

Manethod ³⁵⁶ is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

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SunPower Corp. (SPWR) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Equity Investment Rating Distribution: Alternative Energy Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	8	47.06%	Buy	8	100.00%
Hold	5	29.41%	Hold	3	60.00%
Sell	4	23.53%	Sell	1	25.00%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

RI Issuers that were investment banking dients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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Investment rating	Total return expectation (within 12-month period of date of initial rating)	Ratings dispersion guidelines for coverage cluster ^{R2}
Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

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