



STEPHEN D. CUTLER
CENTER FOR INVESTMENTS
AND FINANCE

FactSet:

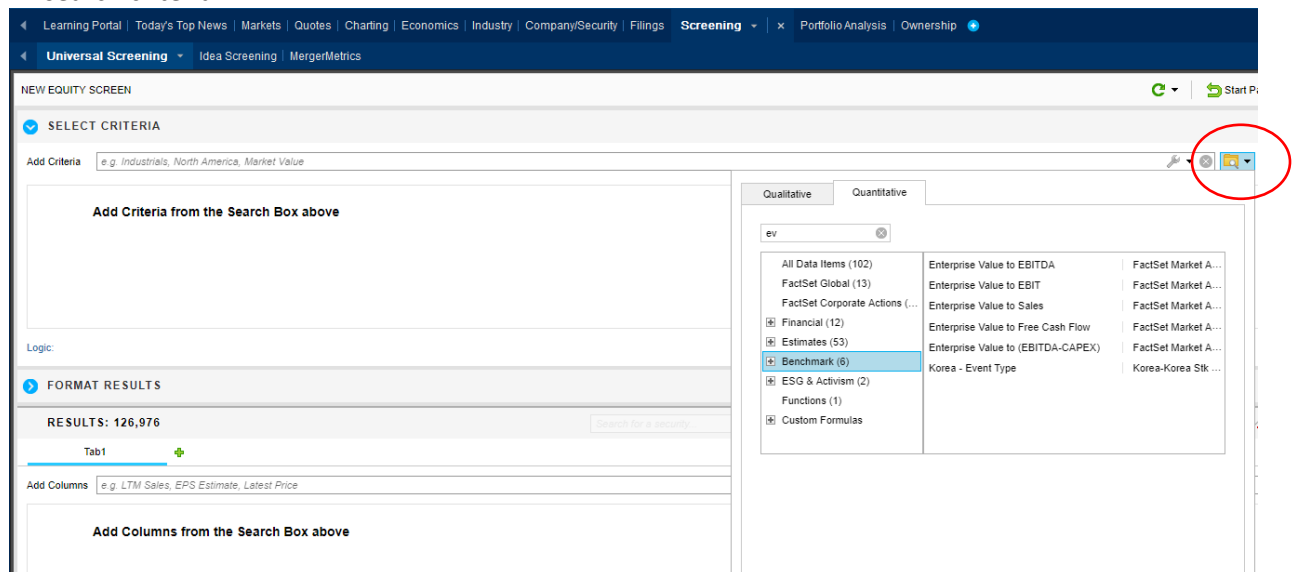
*Beginner's Guide to Equity Screening
and Charting*

Created by: Tyson Corner ('22)

The Equity Screen

UNIVERSAL SCREENING

- Select the Screening tab on the top (it is next to the filings tab)
- Then select 'Starter Screen'
- In this tab it will be pretty empty. Click on the folder with a magnifying glass icon to pull up search criteria.



- Once you have selected this icon you will see two options to search by. Qualitative and Quantitative. As an example of what can be found, I clicked on the Quantitative tab and then clicked in the search bar and type EV. This pulls up all EV function criteria that can be applied to your search.
- Overview of the Qualitative section
 - **Index** – Limit to all the companies currently found in a specific index, i.e. S&P 500, S&P Small Cap, Dow Jones Industrials, Exchange Indices, etc...
 - **Industry** - Limit to database-specific Sectors and Industries as well as NAICS and SIC codes.
 - **Geography** - Limit by a geographic area, such as country or state.
 - **Exchange** - Limit to all companies on a specific trading exchange.
 - **Security** - Limit by security type, Common Stock, Preferred Stock, Mutual Funds, IPO's, etc
 - **Database** - Limit to companies covered by a specific database, such as Compustat, or listed in a stored portfolio
 - **Identifier, Broker, and Linked Screen** - These require a more advanced knowledge of Factset, you must know exactly what you're looking for.

- Seen below is a practice screen with parameters added. The red circle represents the button for downloading data into excel. The blue circle is the button for printing your current screen. The green circle is the button to make your screenings go full screen.

NEW EQUITY SCREEN

SELECT CRITERIA

Ref	Incl/Exc	Criteria	Category	Formula	Passed
L1	Include	AVG1(FF_SALES(ANN_R_0))	Formulas	AVG1(FF_SALES(ANN_R_0))	162,671
L2	Include	MEDIAN1(IFE_ESTIMATE(EPS_LTG_MEAN_ANNUAL_ROLL_1,NOW,))	Formulas	MEDIAN1(IFE_ESTIMATE(EPS_LTG_MEAN_ANNUAL_ROLL_1,NOW,))	162,671
L3	Include	FF_ENTRFR_VAL_EBITDA_OPER(ANN_R_0)	Formulas	FF_ENTRFR_VAL_EBITDA_OPER(ANN_R_0)	162,671
L4	Include	Industrials (Industry)	GICS - Multi Sourced > Industrials	PUBLIC.GICS_SECTORN=20	274
L5	Include	United States (Geography)	North America > United States	PUBLIC.F_COUNTRY="UNITED STATES"	40,509
L6	Include	Stock (Security)	Stock > Stock	Formula not available	110,103

Logic: L4 AND L5 AND L6 AND (L1 AND L2 AND L3)

FORMAT RESULTS

RESULTS: 223

Table 1

Symbol	Name	FR RBICS
1 MMM	3M Company	45202015
2 AOS	A. O. Smith Corporation	40102010
3 AAON	AAON, Inc.	40102010
4 AIR	AAR CORP	40151010
5 ABM	ABM Industries Incorporated	10102010
6 EPAC	Actuant Corporation Class A	40102030
7 AYI	Acuity Brands, Inc.	40101515
8 ACM	AECOM	40152510

Company/Security

- First click on the Company/Security tab
- This tab has an enormous amount of data within it so most of what you need on a company can be found here
- Overviews Tab
 - Snapshot, Comps, Capital Structure, and ESG are the functions you will likely use most in the overviews tab.
 - Snapshot – Key statistics, business description, and performance charted against the benchmark will give you a fairly quick and concise view of the company to decide if you want to move forward.

SEDG-US LOCAL

SolarEdge Technologies, Inc. (SEDG) \$77.31 Next Rpt Date: 13 Feb '20 Key Statistics FactSet Fundamentals / FactSet Estimates

Business Description

SolarEdge Technologies, Inc. engages in the operation of inverter solution for the harvesting and managing of photovoltaic solar power. The company's products include power optimizer, inverter and monitoring portal. It offers residential solutions, commercial solutions, and grid services. The company was founded by Guy Sella, Lior Handelman, Yuav Galin, Meir Aved and Amir Fishlev in 2006 and is headquartered in Hod HaSharon, Israel.

Key Statistics

52 Week Range	53: 47 - 96.69
Avg Daily Vol (3 Mo)	1,374,448.8
Basic Shares (000)	48.8
Market Cap (M)	3,807
Dividend Yield	0.9%
IPO Date	25 Mar '15
PD Shares Out (B)	82.8
PD Mkt Cap (M)	4,135
EV (M)	3,864
Float	95.1%
Institutional	96.1%
Top 10 Inst Holdrs	41.5%
Broker Contributors	11
Avg Rating	Overweight (1.27)
Target Price	59.45
LT Growth Rate	22.9%

Corporate Information

Herzliya Pituach 1 HaMeza Street
Herzliya, Tel Aviv 4673325
2M London
\$1,450,571

+972 9 977 0620 # Employees
http://www.solaredge.com 1,737
Uri Baishor

Business Segments

	Tot Rev	% of Tot	Op Inc	Assets	Cap Ex
Optimizers	432.4	46.1	-	-	-
Inverters	417.9	44.5	-	-	-
Others	87.9	9.4	-	-	-

EPS

	Dec '17	Dec '18	Dec '19E	Dec '20E
FY Ending	0.32	0.75	0.39	0.95
Q1 (Mar)	0.50	0.72	0.66	0.97
Q3 (Sep)	0.61	0.95	0.81	1.13
Q4 (Dec)	0.42	0.27	1.04	1.11
Fiscal Year	1.86	2.69	2.90	4.13
P/E (x)	20.3	13.0	27.0	19.0
CY Ending	Dec '17	Dec '18	Dec '19E	Dec '20E
Cal. Year	1.86	2.69	2.90	4.13
P/E (x)	20.3	13.0	27.0	19.0

Performance

SEDG-US vs S&P 500

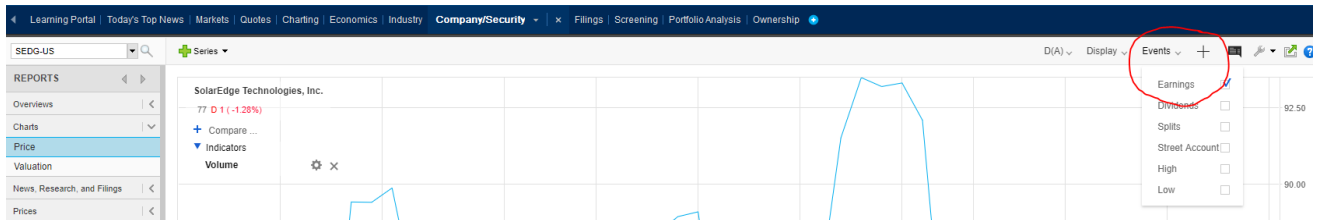
\$77.31 -1.08 (-1.26%)

YTD Chg: 120.26%
3 Month Chg: -12.60%
52 Week Chg: 103.02%
52 Week Beta: 0.21

- Comps – the comps button in FactSet is extremely useful. It will give you the average and median of comparable companies. It also provides the list of comps that were used to arrive at the average and median. Additionally the ADD COMPS button at the top allows you to add in more comps.
- Capital Structure – This button allows you to quickly see Equity Capitalization, Debt Capitalization, and EV (Enterprise Valuation).
- ESG – Not every company has ESG data available, but if you are looking for potential issues with their ESG structure and they have one it can be found here. ESG stands for Environmental, Social, and Corporate Governance.

- Charts

- Two types of charts: price and valuation. These charts are not as useful as those in the charting tab.
- A beneficial function of these charts is in price. You can add events with the **Events** button such as earnings or dividends.



- News

- This tab has more news than you need, so you should have an idea of what you're looking for beforehand.
- Press releases, Earnings, Filings, and Investment Research are in general a good place to start.

- Prices

- This gives you overviews about the stock price overtime.

- Ownership

- Ownership Summary gives you a quick overview of the breakdown in ownership and recent position changes
- Ownership Activity tells you the top 10 buys and sells as well as the top 10 new buys and sells.
- Holder type analysis is what it sounds like.

- Financials

- This entire tab is important when looking at the health of a company

- Estimates

- All Estimates - This tab will give you the number of analysts that worked on the estimates, what their long term growth rate is and target price. Good place to start when working on your DCF.

- Credit Analysis, Transactions, and Activism, Management, and Governance

- All good tabs to look through, not important to dive into in depth.

Charting

Comparisons

- This will take time to get used to, play around with it.
 - Comparisons are good, start there. Usually the S&P 500 is a good place to start.
 - To do this enter the charting tab and under plot options click on **the magnifying glass** (The red circle on the picture below) → S&P → S&P US → Industry Group → S&P 500. On your journey to overlaying this you will see many other options. Feel free to use any comparison and see how it looks. You won't break FactSet
 -

Series

- Series are other things that can be added.
 - To do this click on the plus button with series next to it. To know what you want you will have to experiment and decide whether you are doing technical analysis or not. Certain types of technical analysis are programmed in and can be found in the [Technical Indicators](#) (the blue circle) tab under the series. The green circle is additional types of series that can be added.

