

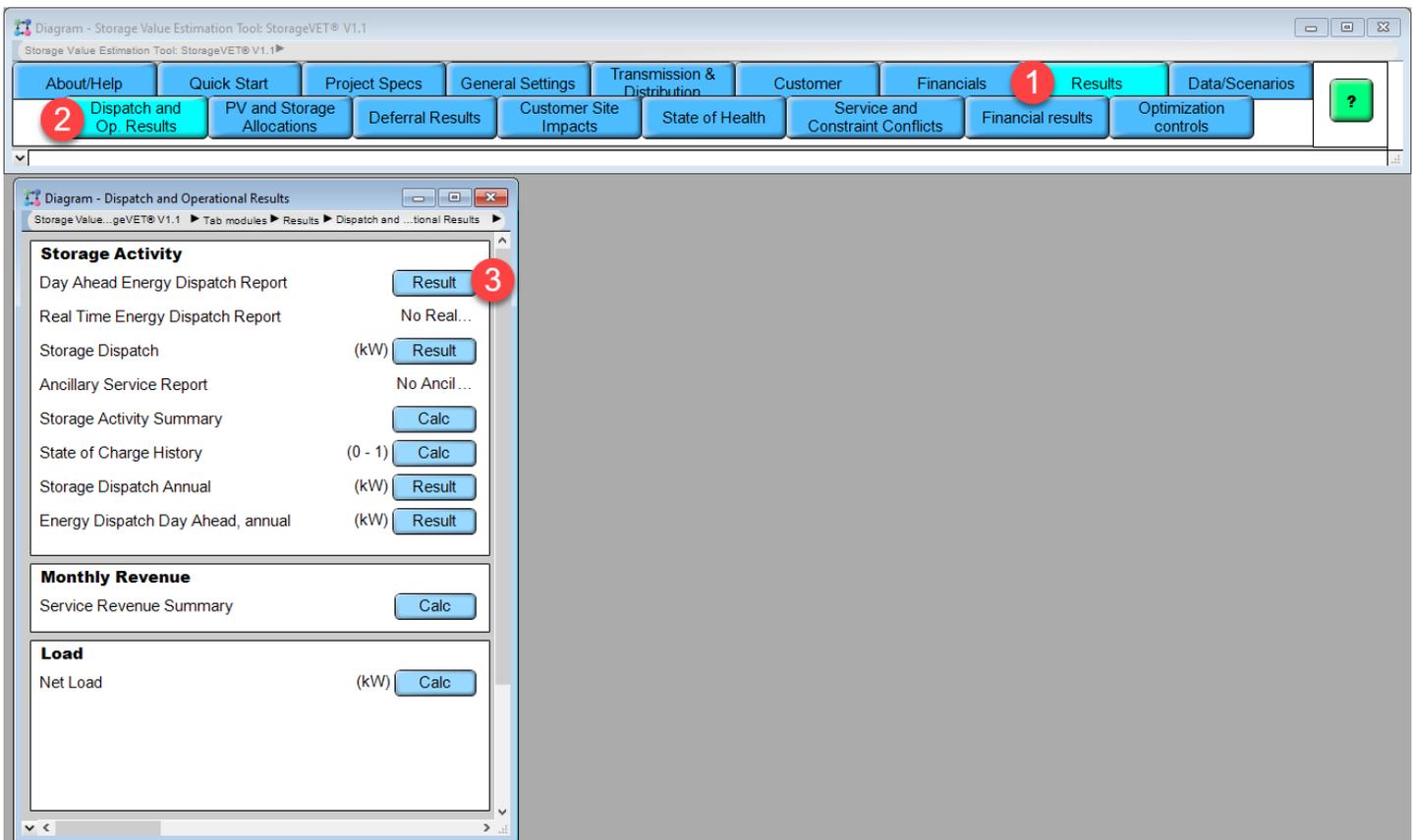
## Exporting Results from StorageVET

Data from existing StorageVET models can be exported from StorageVET to an Excel workbook. This document is for users who have built a model in StorageVET and the results are ready to be exported for further analysis.

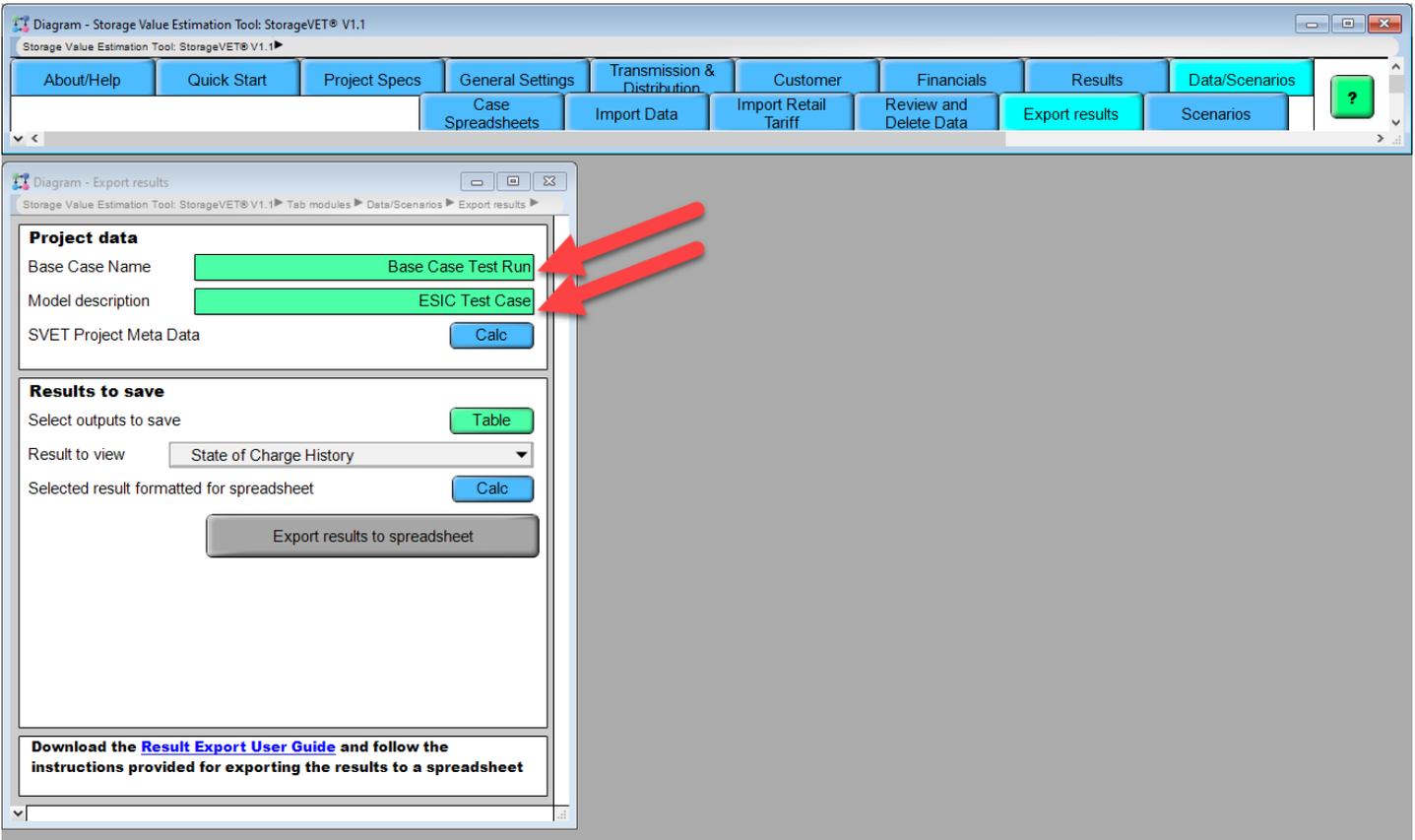
**NOTE:** For this export process to work correctly, the model file and export template files must be in a specific hierarchy: the model file and the "Shared StorageVET Spreadsheets" must be in the same directory. This will be the case if you made no changes to the unzipped files.

### **Steps:**

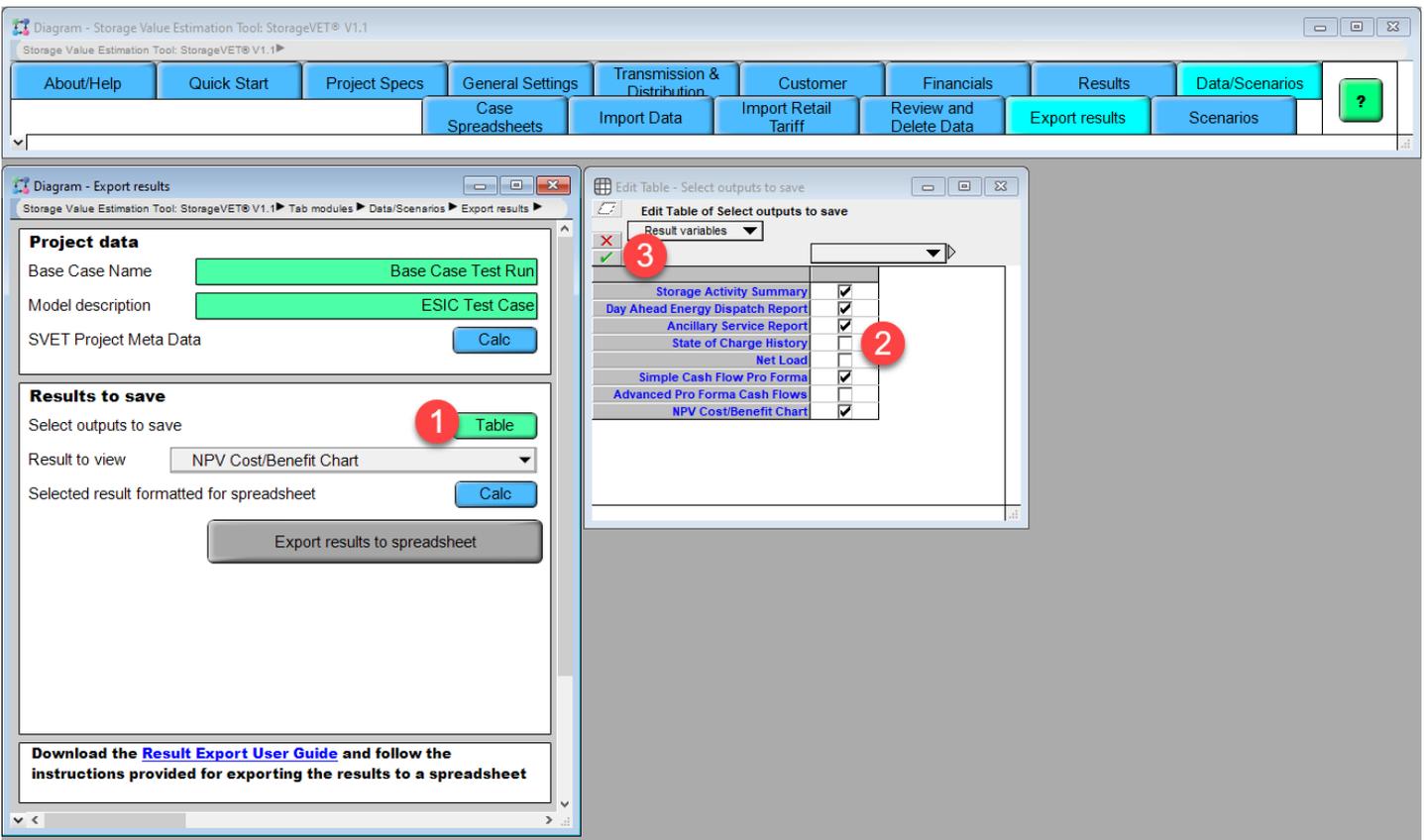
- a) Click "**Results**" tab, any type of result tab below, and click "**Calc**" to ensure that all results you'd like to export have been calculated and seems sensible given the way you've set up your model. Results that have been computed will show a "Result" button rather than a "Calc" button. This step can be skipped if the results in your model have been calculated already.



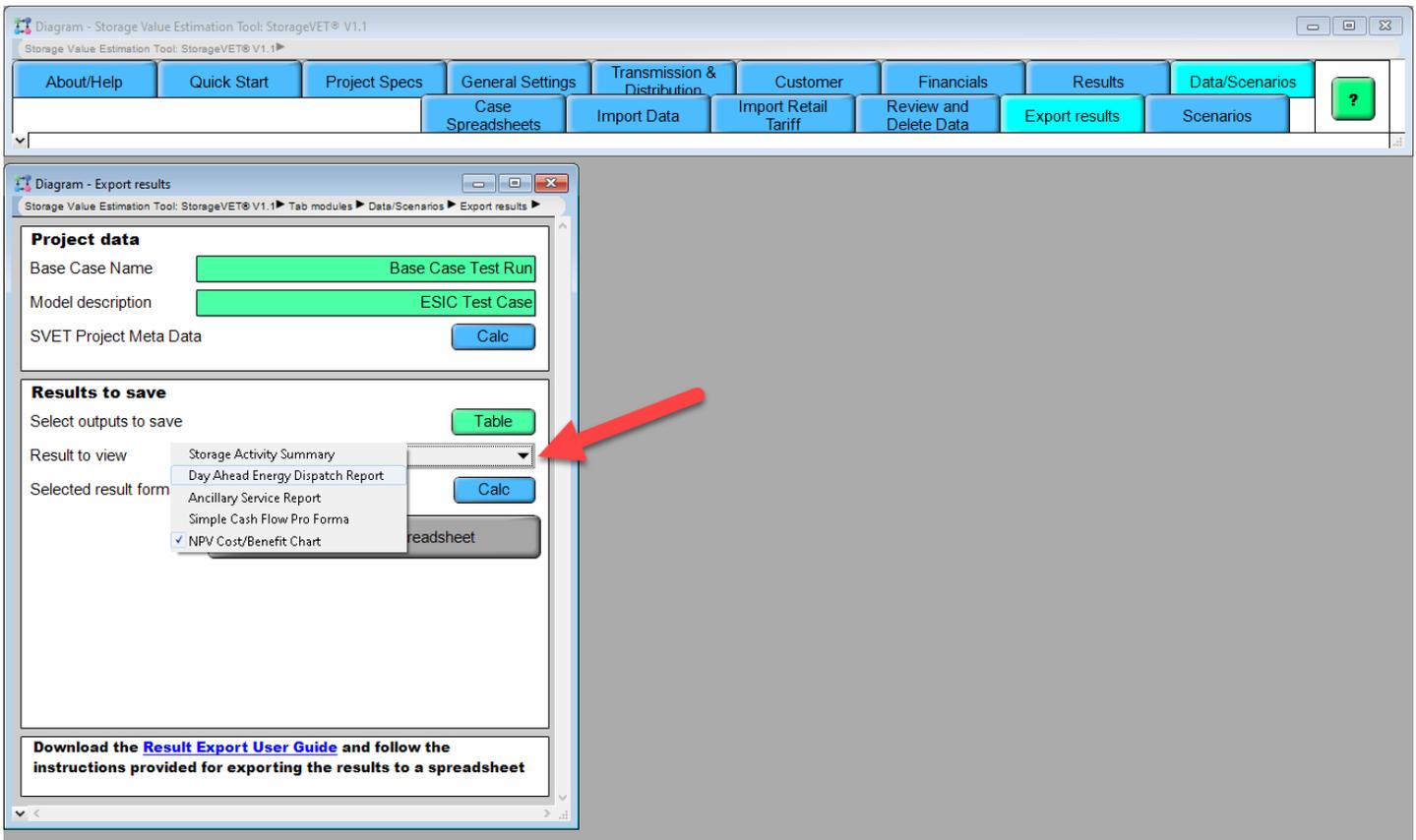
- b) Click on the "**Data/Scenarios**" tab. Select "**Export results**" tab. Enter your *Project data*, including Base Case Name and Model Description. Press "**Calc**" for SVET Project Metadata to review if desired.



- c) Under “**Results to Save**” → “**Select Outputs to Save**”, click “**Table**”. Select check boxes for only the results you want to export, leaving the remainder unchecked. To commit those selections, either close the window or press the green check mark in the top left of the Edit Table window.



- d) To view results before exporting to spreadsheet, select output under “**Result to View**” dropdown menu. This dropdown menu will reflect the output options selected from the previous step.



- e) Click “**Calc**” under “**Selected result formatted for spreadsheet**” to format results selected in preparation for export spreadsheet. In this screenshot, NPV Cost/Benefit Chart was selected, and the Result window shown.

Diagram - Storage Value Estimation Tool: StorageVET® V1.1

Storage Value Estimation Tool: StorageVET® V1.1

About/Help Quick Start Project Specs General Settings Transmission & Distribution Customer Financials Results Data/Scenarios

Case Spreadsheets Import Data Import Retail Tariff Review and Delete Data Export results Scenarios

Diagram - Export results

Storage Value Estimation Tool: StorageVET® V1.1 Tab modules Data/Scenarios Export results

**Project data**

Base Case Name

Model description

SVET Project Meta Data

**Results to save**

Select outputs to save

Result to view

Selected result formatted for spreadsheet

Mid Value - Selected result formatted for spreadsheet

Mid Value of Selected result formatted for spreadsheet

	1	2	3
1	NPV Cost/Benefit Chart		
2		Cost/Benefit	
3	Simple Cash Flow All	Cost	Benefit
4	Resource Adequacy Capacity (RA)	0	0
5	Day Ahead Energy Time Shift	0	0
6	Real Time Energy Time Shift	0	0
7	Frequency Regulation	0	0
8	Spinning Reserve	0	0
9	Non-Spinning Reserve	0	0
10	Flexible Ramping	0	0
11	Investment Deferral	0	0
12	Reactive Power Support/Voltage Control/Power Quality	0	0
13	Retail Demand Charge Reduction	0	0
14	Retail Energy Time Shift	0	0
15	Backup Power	0	0
16	Demand Response Program Participation	0	0
17	REM Regulation Revenue	0	0
18	REM Energy Settlement	0	0
19	Regulation Energy Settlement	0	0
20	Fixed O&M	269.4K	0
21	Variable O&M	0	0
22	Tax Credit - Federal ITC	0	0
23	Rebate	0	0
24	Generic Incentive	0	0
25	Capital Expenses	1.2M	0
26	Replacement expenses	91.29K	0
27	Fuel Cost	0	0

f) Click the "Export results to spreadsheet"

Diagram - Storage Value Estimation Tool: StorageVET® V1.1

Storage Value Estimation Tool: StorageVET® V1.1

About/Help Quick Start Project Specs General Settings Transmission & Distribution Customer Financials Results Data/Scenarios

Case Spreadsheets Import Data Import Retail Tariff Review and Delete Data Export results Scenarios

Diagram - Export results

Storage Value Estimation Tool: StorageVET® V1.1 Tab modules Data/Scenarios Export results

**Project data**

Base Case Name

Model description

SVET Project Meta Data

**Results to save**

Select outputs to save

Result to view

Selected result formatted for spreadsheet

Mid Value - Selected result formatted for spreadsheet

Mid Value of Selected result formatted for spreadsheet

	1	2	3
1	NPV Cost/Benefit Chart		
2		Cost/Benefit	
3	Simple Cash Flow All	Cost	Benefit
4	Resource Adequacy Capacity (RA)	0	0
5	Day Ahead Energy Time Shift	0	149.6K
6	Real Time Energy Time Shift	0	0
7	Frequency Regulation	0	0
8	Spinning Reserve	0	0
9	Non-Spinning Reserve	0	0
10	Flexible Ramping	0	0
11	Investment Deferral	0	0
12	Reactive Power Support/Voltage Control/Power Quality	0	0
13	Retail Demand Charge Reduction	0	0
14	Retail Energy Time Shift	0	0
15	Backup Power	0	0
16	Demand Response Program Participation	0	0
17	REM Regulation Revenue	0	0
18	REM Energy Settlement	0	0
19	Regulation Energy Settlement	0	0
20	Fixed O&M	269.4K	0
21	Variable O&M	28.11K	0
22	Tax Credit - Federal ITC	0	0
23	Rebate	0	0
24	Generic Incentive	0	0
25	Capital Expenses	1.2M	0
26	Replacement expenses	175.2K	0
27	Fuel Cost	0	0

Download the [Result Export User Guide](#) and follow the instructions provided for exporting the results to a spreadsheet

g) Type in a unique, descriptive file name for the result spreadsheet and click “OK”

The screenshot shows the Storage Value Estimation Tool (StorageVET) V1.1 interface. The main window is titled 'Diagram - Storage Value Estimation Tool: StorageVET® V1.1'. The top menu bar includes 'About/Help', 'Quick Start', 'Project Specs', 'General Settings', 'Transmission & Distribution', 'Customer', 'Financials', 'Results', and 'Data/Scenarios'. Below the menu bar are several buttons: 'Case Spreadsheets', 'Import Data', 'Import Retail Tariff', 'Review and Delete Data', 'Export results', and 'Scenarios'. The 'Export results' button is highlighted in cyan.

The 'Diagram - Export results' dialog box is open, showing the following fields and buttons:

- Project data:**
  - Base Case Name: Base Case Test Run
  - Model description: ESIC Test Case
  - SVET Project Meta Data: [Calc]
- Results to save:**
  - Select outputs to save: [Table]
  - Result to view: NPV Cost/Benefit Chart
  - Selected result formatted for spreadsheet: [Result]
  - [Export results to spreadsheet]
- Download the [Result Export User Guide](#) and follow the instructions provided for exporting the results to a spreadsheet

The 'Mid Value - Selected result formatted for spreadsheet' window is also open, displaying a table with columns for 'rows', 'cols', and 'Totals'. The table contains various financial metrics such as 'NPV Cost/Benefit Chart', 'Simple Cash Flow All', 'Resource Adequacy Capacity (RA)', 'Demand Response Program Participation', 'Regulation Revenue', 'M Energy Settlement', 'Regulation Energy Settlement', 'Fixed O&M', 'Variable O&M', 'Credit - Federal ITC', 'Rebate', 'Generic Incentive', 'Capital Expenses', 'Replacement expenses', and 'Fuel Cost'. A 'Question' dialog box is overlaid on the table, asking for the 'Name for new spreadsheet'. The text 'StorageVET results\_NPV.xlsx' is entered in the text field. The 'OK' button is highlighted with a red arrow.

rows	cols	Totals
1	NPV Cost/Benefit Chart	1 2 3
2	Cost/Benefit	
3	Simple Cash Flow All	Cost Benefit
4	Resource Adequacy Capacity (RA)	0 0
5		0 149.6K
6		0 0
7		0 0
8		0 0
9		0 0
10		0 0
11		0 0
12	Reactive	0 0
13		0 0
14		0 0
15		0 0
16	Demand Response Program Participation	0 0
17	Regulation Revenue	0 0
18	M Energy Settlement	0 0
19	Regulation Energy Settlement	0 0
20	Fixed O&M	269.4K 0
21	Variable O&M	28.11K 0
22	Credit - Federal ITC	0 0
23	Rebate	0 0
24	Generic Incentive	0 0
25	Capital Expenses	1.2M 0
26	Replacement expenses	175.2K 0
27	Fuel Cost	0 0

h) You'll see the progress of writing the data to the spreadsheet. When the data writing has been completed, click “OK”.

Diagram - Storage Value Estimation Tool: StorageVET® V1.1

Storage Value Estimation Tool: StorageVET® V1.1

[About/Help](#)
[Quick Start](#)
[Project Specs](#)
[General Settings](#)
[Transmission & Distribution](#)
[Customer](#)
[Financials](#)
[Results](#)
[Data/Scenarios](#)

[Case Spreadsheets](#)
[Import Data](#)
[Import Retail Tariff](#)
[Review and Delete Data](#)
[Export results](#)
[Scenarios](#)

Diagram - Export results

Storage Value Estimation Tool: StorageVET® V1.1 ▶ Tab modules ▶ Data/Scenarios ▶ Export results ▶

**Project data**

Base Case Name: Base Case Test Run

Model description: ESIC Test Case

SVET Project Meta Data [Result](#)

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**Results to save**

Select outputs to save: [Table](#)

Result to view: NPV Cost/Benefit Chart

Selected result formatted for spreadsheet [Result](#)

[Export results to spreadsheet](#)

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Download the [Result Export User Guide](#) and follow the instructions provided for exporting the results to a spreadsheet

Mid Value - Selected result formatted for spreadsheet

Mid Value of Selected result formatted for spreadsheet

rows  Totals

cols  Totals

	1	2	3
1	NPV Cost/Benefit Chart	Cost/Benefit	
2		Cost	Benefit
3	Simple Cash Flow All	0	0
4	Resource Adequacy Capacity (RA)	0	149.6K
5		0	0
6		0	0
7		0	0
8		0	0
9		0	0
10		0	0
11		0	0
12	Reactive	0	0
13		0	0
14		0	0
15	Backup Power	0	0
16	Demand Response Program Participation	0	0
17	REM Regulation Revenue	0	0
18	REM Energy Settlement	0	0
19	Regulation Energy Settlement	0	0
20	Fixed O&M	269.4K	0
21	Variable O&M	28.11K	0
22	Tax Credit - Federal ITC	0	0
23	Rebate	0	0
24	Generic Incentive	0	0
25	Capital Expenses	1.2M	0
26	Replacement expenses	175.2K	0
27	Fuel Cost	0	0

Complete

Saved results for 1 variables into spreadsheet  
StorageVET results\_NPV.xlsx

[OK](#)

