

# USD 413 Solar PV RFP — Standardized Pro Forma (Addendum No. 1 Revi

RFP No. USD413-SOLAR-2026-01 | Updated May 18, 2026

## CHANGES IN THIS VERSION (per Addendum No. 1):

- HS Campus is now three separate meters: HS-A (Welding), HS-B (West Feeder), HS-C (East Feeder)
- Original RFP labeled M#3 as "Welding Shop" in error; that data is the East Feeder. Welding Shop is HS-A, ne
- Option A (orange polygon, western field) is withdrawn. All HS ground-mount work is at Option B.
- HS-A (Welding) and HS-B (West Feeder) are co-located at Option B; HS-C (East Feeder) is roof + east lot.
- District elects Net Metering (City of Chanute Municipal Code §14.44.040). See updated Inputs tab notes.
- Production Guarantee term reduced to 10 years contractor-backed (see Addendum Section 1.5).
- Annual energy figure updated: 5 meters totaling 3,088,160 kWh.

## HOW TO USE THIS WORKBOOK

1. This workbook is the required Pro Forma deliverable for the USD 413 Solar PV RFP. Every Proposer shall return this workbook fully completed with their proposal.
2. YELLOW cells are inputs. Bidders fill these in. GREY cells are calculated formulas. DO NOT
3. The standardized inputs in the Inputs tab are LOCKED by Section 5 of the RFP. Do not change them. Proposals using different assumptions will be deemed non-responsive.
4. Per-facility tabs (HS Campus, Elementary, Middle School) compute the 25-year cash flow and required output metrics for each site.
5. The Summary tab consolidates the three sites and produces the combined Required Outputs table that matches RFP Section 5.3.
6. The required Executive Summary table on the first page of the proposal shall pull values from

## SCOPE OF BIDDER INPUTS (per-facility)

- DC kW, AC kW
- Year-1 production (kWh) and modeled offset
- Share of Year-1 production consumed on-site versus exported
- Total Installed Cost (TIC, lump sum)
- Year-1 O&M cost (already included in TIC; informational only)
- 10-year O&M total cost (the required option)
- Domestic Content qualifies (Y/N)
- HS Campus: select which option (A or B) the recommended sizing is based on

## STANDARDIZED INPUTS (Section 5.1, locked)

- Avoided cost basis: per-facility ENERGY CHARGE less demand
- Demand-charge savings: EXCLUDED
- Energy export valuation: \$0.030/kWh, MONTHLY true-up (no kWh banking or rolling forward). Placeholder pending City of Chanute confirmation; updated by addendum if City confirms a
- Utility energy-charge escalation: 3.00% per year
- Discount rate: 5.00% per year
- Annual module degradation: 0.50% per year (linear)
- System availability: 99.0%

- Federal ITC: 30%
- Domestic Content Bonus: 10 pts (if equipment qualifies)
- Energy Community Bonus: 0% (does not apply)
- PWA Adder: 0% (not required - all systems below 1 MW AC)
- O&M / replacement-reserve inflation: 2.50% per year
- Analysis period: 25 years from Substantial Completion

**OUTPUTS (Section 5.3, computed for each site and combined)**

- Year-1 production and modeled offset
- 25-year cumulative production and energy-charge cost avoidance
- TIC, Net after 30% ITC, Net after 40% ITC + DC Bonus
- Simple payback (years) at Net after 40%
- 25-year NPV at 5% discount rate
- 25-year IRR
- Net LCOE (\$/kWh)
- \$/W-DC and \$/W-AC

**COLOR KEY**

YELLOW = bidder inputs

GREY = calculated formulas (do not modify)

WHITE = labels and headers

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ewly added.

## Standardized Inputs (RFP Section 5.1 - LOCKED)

Do not modify these values. Cells are referenced by all per-facility tabs.

Input	Value
Utility energy-charge escalation (%/yr)	3.00%
Discount rate (NPV / LCOE)	5.00%
Annual module degradation	0.50%
System availability	99.00%
Federal ITC (base)	30.00%
Domestic Content Bonus (if qualifies)	10.00%
Energy Community Bonus	0.00%
PWA Adder	0.00%
O&M / replacement-reserve inflation	2.50%
Analysis period (years)	25
Export rate placeholder (\$/kWh)	\$0.0300
State / local / property tax	\$0

## Per-Facility Avoided Cost (\$/kWh, Energy Charge Less Demand)

Facility	\$/kWh
HS-B (West Feeder, 25-0765-00-B)	\$0.1144
HS-C (East Feeder, 25-0765-00-C)	\$0.1175
Chanute Elementary (25-0633-00)	\$0.1166
Chanute Middle School (25-0710-01)	\$0.1164
HS-A (Welding Shop, 25-0765-00-A)	\$0.1172

## Reference Annual Consumption (Audit, kWh) — 5 meters per Addendum No. 1

Facility	Annual kWh
HS-A (Welding Shop)	177,520
HS-B (West Feeder)	912,300
HS-C (East Feeder)	362,600
Chanute Elementary	942,300
Chanute Middle School	693,440
<b>Combined Total (5 meters)</b>	<b>3,088,160</b>

Note
linear
additive
does not apply
not required
Net Metering elected. Wholesale credit; intra-year accumulation; credits expire Jan 1 each year. Placeholder until City confirms wholesale rate.
Monthly true-up; no banking. Update by addendum when City confirms.
USD 413 fully tax-exempt

## Pro Forma: HS-A — Welding Shop (1702 W 36th, Account 25-0765-00-)

### BIDDER INPUTS (yellow cells)

DC kW	67.0
AC kW	50.0
Year-1 Production (kWh)	102,000
On-site share of Year-1 production (% , e.g. 0.95)	62.00%
Total Installed Cost (TIC, \$)	\$119,000
Year-1 O&M cost included in TIC (\$, informational)	\$589
10-Year O&M Option total cost (\$)	\$5,863
Domestic Content qualifies (1 = Yes, 0 = No)	0

### COMPUTED CONSTANTS

ITC (30% of TIC) (\$)	\$35,700
Domestic Content Bonus (10% if qualifies) (\$)	\$0
Net Cost after 30% ITC (\$)	\$83,300
Net Cost after 40% (ITC + DC Bonus if qual) (\$)	\$83,300
\$/W-DC	\$1.78
\$/W-AC	\$2.38
Modeled Offset % (vs 177,520 kWh)	57.46%
Specific Yield (kWh/kWp)	1,522

### 25-YEAR CASH FLOW

Year	Production (kWh)	On-site (kWh)
0	0	0
1	102,000	63,240
2	101,490	62,924
3	100,983	62,609
4	100,478	62,296
5	99,975	61,985
6	99,475	61,675
7	98,978	61,366
8	98,483	61,060
9	97,991	60,754
10	97,501	60,450
11	97,013	60,148
12	96,528	59,847
13	96,046	59,548
14	95,565	59,250
15	95,087	58,954

16	94,612	58,659
17	94,139	58,366
18	93,668	58,074
19	93,200	57,784
20	92,734	57,495
21	92,270	57,208
22	91,809	56,922
23	91,350	56,637
24	90,893	56,354
25	90,439	56,072

### **REQUIRED OUTPUTS (RFP Section 5.3)**

Year-1 Production (kWh)	102,000
Year-1 Modeled Offset (%)	57.5%
On-site share of Year-1 production	62.0%
25-Year Cumulative Production (kWh)	2,402,707
25-Year Cumulative Savings (\$)	\$292,318
Total Installed Cost (TIC) (\$)	\$119,000
Net Cost after 30% ITC (\$)	\$83,300
Net Cost after 40% ITC + DC (\$)	\$83,300
Simple Payback (years, Net after 40%)	7.1
25-Year NPV at 5% (\$)	\$59,909
25-Year IRR (%)	10.28%
Net LCOE (\$/kWh)	\$0.0681
\$/W-DC	\$1.78
\$/W-AC	\$2.38

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Exported (kWh)	Energy Charge Avoided (\$)	Export Revenue (\$)	Gross Savings (\$)	O&M Cost (\$)	Net Cash Flow (\$)
0	\$0	\$0	\$0	\$0	-\$119,000
38,760	\$7,412	\$1,163	\$8,575	0	\$44,275
38,566	\$7,596	\$1,192	\$8,788	\$601	\$8,187
38,373	\$7,785	\$1,221	\$9,006	\$616	\$8,390
38,182	\$7,978	\$1,252	\$9,230	\$631	\$8,598
37,991	\$8,176	\$1,283	\$9,459	\$647	\$8,812
37,801	\$8,380	\$1,315	\$9,694	\$663	\$9,031
37,612	\$8,588	\$1,347	\$9,935	\$680	\$9,255
37,424	\$8,801	\$1,381	\$10,182	\$697	\$9,485
37,236	\$9,020	\$1,415	\$10,435	\$714	\$9,721
37,050	\$9,244	\$1,450	\$10,694	\$732	\$9,962
36,865	\$9,474	\$1,486	\$10,960	\$751	\$10,210
36,681	\$9,709	\$1,523	\$11,232	\$769	\$10,463
36,497	\$9,950	\$1,561	\$11,512	\$789	\$10,723
36,315	\$10,198	\$1,600	\$11,798	\$808	\$10,989
36,133	\$10,451	\$1,640	\$12,091	\$828	\$11,262

35,953	\$10,711	\$1,680	\$12,391	\$849	\$11,542
35,773	\$10,977	\$1,722	\$12,699	\$870	\$11,829
35,594	\$11,250	\$1,765	\$13,015	\$892	\$12,123
35,416	\$11,529	\$1,809	\$13,338	\$914	\$12,424
35,239	\$11,816	\$1,854	\$13,670	\$937	\$12,732
35,063	\$12,109	\$1,900	\$14,009	\$961	\$13,049
34,887	\$12,410	\$1,947	\$14,357	\$985	\$13,373
34,713	\$12,719	\$1,995	\$14,714	\$1,009	\$13,705
34,539	\$13,035	\$2,045	\$15,080	\$1,035	\$14,045
34,367	\$13,359	\$2,096	\$15,455	\$1,060	\$14,394

<b>Cumulative (\$)</b>	<b>Discount Factor</b>
-\$119,000	1.0000
-\$74,725	0.9524
-\$66,539	0.9070
-\$58,149	0.8638
-\$49,550	0.8227
-\$40,738	0.7835
-\$31,708	0.7462
-\$22,452	0.7107
-\$12,967	0.6768
-\$3,247	0.6446
\$6,715	0.6139
\$16,925	0.5847
\$27,388	0.5568
\$38,111	0.5303
\$49,101	0.5051
\$60,363	0.4810

\$71,905	0.4581
\$83,734	0.4363
\$95,856	0.4155
\$108,280	0.3957
\$121,012	0.3769
\$134,061	0.3589
\$147,434	0.3418
\$161,139	0.3256
\$175,184	0.3101
\$189,578	0.2953

## Pro Forma: HS-B — West Feeder / Main Building (1702 W 36th, Accou

### BIDDER INPUTS (yellow cells)

DC kW	315.0
AC kW	240.0
Year-1 Production (kWh)	478,000
On-site share of Year-1 production (% , e.g. 0.95)	76.00%
Total Installed Cost (TIC, \$)	\$558,000
Year-1 O&M cost included in TIC (\$, informational)	\$2,771
10-Year O&M Option total cost (\$)	\$27,568
Domestic Content qualifies (1 = Yes, 0 = No)	0

### COMPUTED CONSTANTS

ITC (30% of TIC) (\$)	\$167,400
Domestic Content Bonus (10% if qualifies) (\$)	\$0
Net Cost after 30% ITC (\$)	\$390,600
Net Cost after 40% (ITC + DC Bonus if qual) (\$)	\$390,600
\$/W-DC	\$1.77
\$/W-AC	\$2.33
Modeled Offset % (vs 912,300 kWh)	52.40%
Specific Yield (kWh/kWp)	1,517

### 25-YEAR CASH FLOW

Year	Production (kWh)	On-site (kWh)
0	0	0
1	478,000	363,280
2	475,610	361,464
3	473,232	359,656
4	470,866	357,858
5	468,511	356,069
6	466,169	354,288
7	463,838	352,517
8	461,519	350,754
9	459,211	349,001
10	456,915	347,256
11	454,631	345,519
12	452,357	343,792
13	450,096	342,073
14	447,845	340,362
15	445,606	338,661

16	443,378	336,967
17	441,161	335,282
18	438,955	333,606
19	436,760	331,938
20	434,577	330,278
21	432,404	328,627
22	430,242	326,984
23	428,091	325,349
24	425,950	323,722
25	423,820	322,103

### **REQUIRED OUTPUTS (RFP Section 5.3)**

Year-1 Production (kWh)	478,000
Year-1 Modeled Offset (%)	52.4%
On-site share of Year-1 production	76.0%
25-Year Cumulative Production (kWh)	11,259,745
25-Year Cumulative Savings (\$)	\$1,534,145
Total Installed Cost (TIC) (\$)	\$558,000
Net Cost after 30% ITC (\$)	\$390,600
Net Cost after 40% ITC + DC (\$)	\$390,600
Simple Payback (years, Net after 40%)	7.1
25-Year NPV at 5% (\$)	\$367,433
25-Year IRR (%)	11.68%
Net LCOE (\$/kWh)	\$0.0681
\$/W-DC	\$1.77
\$/W-AC	\$2.33

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Exported (kWh)	Energy Charge Avoided (\$)	Export Revenue (\$)	Gross Savings (\$)	O&M Cost (\$)	Net Cash Flow (\$)
0	\$0	\$0	\$0	\$0	-\$558,000
114,720	\$41,559	\$3,442	\$45,001	0	\$212,401
114,146	\$42,592	\$3,527	\$46,119	\$2,826	\$43,293
113,576	\$43,650	\$3,615	\$47,265	\$2,896	\$44,369
113,008	\$44,735	\$3,705	\$48,440	\$2,969	\$45,471
112,443	\$45,847	\$3,797	\$49,643	\$3,043	\$46,600
111,881	\$46,986	\$3,891	\$50,877	\$3,119	\$47,758
111,321	\$48,154	\$3,988	\$52,141	\$3,197	\$48,944
110,765	\$49,350	\$4,087	\$53,437	\$3,277	\$50,160
110,211	\$50,577	\$4,188	\$54,765	\$3,359	\$51,406
109,660	\$51,833	\$4,292	\$56,126	\$3,443	\$52,683
109,111	\$53,122	\$4,399	\$57,521	\$3,529	\$53,992
108,566	\$54,442	\$4,508	\$58,950	\$3,617	\$55,333
108,023	\$55,794	\$4,620	\$60,415	\$3,708	\$56,707
107,483	\$57,181	\$4,735	\$61,916	\$3,800	\$58,116
106,945	\$58,602	\$4,853	\$63,455	\$3,895	\$59,560

106,411	\$60,058	\$4,974	\$65,032	\$3,993	\$61,039
105,879	\$61,551	\$5,097	\$66,648	\$4,092	\$62,555
105,349	\$63,080	\$5,224	\$68,304	\$4,195	\$64,109
104,823	\$64,648	\$5,354	\$70,001	\$4,300	\$65,702
104,298	\$66,254	\$5,487	\$71,741	\$4,407	\$67,334
103,777	\$67,901	\$5,623	\$73,524	\$4,517	\$69,006
103,258	\$69,588	\$5,763	\$75,351	\$4,630	\$70,720
102,742	\$71,317	\$5,906	\$77,223	\$4,746	\$72,477
102,228	\$73,089	\$6,053	\$79,142	\$4,865	\$74,277
101,717	\$74,906	\$6,203	\$81,109	\$4,986	\$76,122

<b>Cumulative (\$)</b>	<b>Discount Factor</b>
-\$558,000	1.0000
-\$345,599	0.9524
-\$302,306	0.9070
-\$257,937	0.8638
-\$212,466	0.8227
-\$165,866	0.7835
-\$118,108	0.7462
-\$69,163	0.7107
-\$19,003	0.6768
\$32,403	0.6446
\$85,086	0.6139
\$139,078	0.5847
\$194,410	0.5568
\$251,118	0.5303
\$309,234	0.5051
\$368,793	0.4810

\$429,832	0.4581
\$492,388	0.4363
\$556,497	0.4155
\$622,198	0.3957
\$689,532	0.3769
\$758,538	0.3589
\$829,259	0.3418
\$901,736	0.3256
\$976,013	0.3101
\$1,052,136	0.2953

## Pro Forma: HS-C — East Feeder (1702 W 36th, Account 25-0765-00)

### BIDDER INPUTS (yellow cells)

DC kW	128.0
AC kW	100.0
Year-1 Production (kWh)	176,000
On-site share of Year-1 production (% , e.g. 0.95)	80.00%
Total Installed Cost (TIC, \$)	\$215,000
Year-1 O&M cost included in TIC (\$, informational)	\$1,126
10-Year O&M Option total cost (\$)	\$11,202
Domestic Content qualifies (1 = Yes, 0 = No)	0

### COMPUTED CONSTANTS

ITC (30% of TIC) (\$)	\$64,500
Domestic Content Bonus (10% if qualifies) (\$)	\$0
Net Cost after 30% ITC (\$)	\$150,500
Net Cost after 40% (ITC + DC Bonus if qual) (\$)	\$150,500
\$/W-DC	\$1.68
\$/W-AC	\$2.15
Modeled Offset % (vs 362,600 kWh)	48.54%
Specific Yield (kWh/kWp)	1,375

### 25-YEAR CASH FLOW

Year	Production (kWh)	On-site (kWh)
0	0	0
1	176,000	140,800
2	175,120	140,096
3	174,244	139,396
4	173,373	138,699
5	172,506	138,005
6	171,644	137,315
7	170,786	136,628
8	169,932	135,945
9	169,082	135,266
10	168,237	134,589
11	167,395	133,916
12	166,558	133,247
13	165,726	132,580
14	164,897	131,918
15	164,073	131,258

16	163,252	130,602
17	162,436	129,949
18	161,624	129,299
19	160,816	128,652
20	160,012	128,009
21	159,211	127,369
22	158,415	126,732
23	157,623	126,099
24	156,835	125,468
25	156,051	124,841

### **REQUIRED OUTPUTS (RFP Section 5.3)**

Year-1 Production (kWh)	176,000
Year-1 Modeled Offset (%)	48.5%
On-site share of Year-1 production	80.0%
25-Year Cumulative Production (kWh)	4,145,847
25-Year Cumulative Savings (\$)	\$600,010
Total Installed Cost (TIC) (\$)	\$215,000
Net Cost after 30% ITC (\$)	\$150,500
Net Cost after 40% ITC + DC (\$)	\$150,500
Simple Payback (years, Net after 40%)	7.3
25-Year NPV at 5% (\$)	\$145,296
25-Year IRR (%)	11.84%
Net LCOE (\$/kWh)	\$0.0717
\$/W-DC	\$1.68
\$/W-AC	\$2.15

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Exported (kWh)	Energy Charge Avoided (\$)	Export Revenue (\$)	Gross Savings (\$)	O&M Cost (\$)	Net Cash Flow (\$)
0	\$0	\$0	\$0	\$0	-\$215,000
35,200	\$16,544	\$1,056	\$17,600	0	\$82,100
35,024	\$16,955	\$1,082	\$18,037	\$1,148	\$16,889
34,849	\$17,376	\$1,109	\$18,486	\$1,177	\$17,309
34,675	\$17,808	\$1,137	\$18,945	\$1,206	\$17,739
34,501	\$18,251	\$1,165	\$19,416	\$1,236	\$18,179
34,329	\$18,704	\$1,194	\$19,898	\$1,267	\$18,631
34,157	\$19,169	\$1,224	\$20,393	\$1,299	\$19,094
33,986	\$19,645	\$1,254	\$20,899	\$1,332	\$19,568
33,816	\$20,134	\$1,285	\$21,419	\$1,365	\$20,054
33,647	\$20,634	\$1,317	\$21,951	\$1,399	\$20,552
33,479	\$21,147	\$1,350	\$22,497	\$1,434	\$21,063
33,312	\$21,672	\$1,383	\$23,056	\$1,470	\$21,586
33,145	\$22,211	\$1,418	\$23,629	\$1,507	\$22,122
32,979	\$22,763	\$1,453	\$24,216	\$1,544	\$22,671
32,815	\$23,328	\$1,489	\$24,817	\$1,583	\$23,235

32,650	\$23,908	\$1,526	\$25,434	\$1,622	\$23,812
32,487	\$24,502	\$1,564	\$26,066	\$1,663	\$24,403
32,325	\$25,111	\$1,603	\$26,714	\$1,705	\$25,009
32,163	\$25,735	\$1,643	\$27,378	\$1,747	\$25,631
32,002	\$26,375	\$1,683	\$28,058	\$1,791	\$26,267
31,842	\$27,030	\$1,725	\$28,755	\$1,836	\$26,920
31,683	\$27,702	\$1,768	\$29,470	\$1,881	\$27,588
31,525	\$28,390	\$1,812	\$30,202	\$1,929	\$28,274
31,367	\$29,096	\$1,857	\$30,953	\$1,977	\$28,976
31,210	\$29,819	\$1,903	\$31,722	\$2,026	\$29,696

<b>Cumulative (\$)</b>	<b>Discount Factor</b>
-\$215,000	1.0000
-\$132,900	0.9524
-\$116,011	0.9070
-\$98,702	0.8638
-\$80,964	0.8227
-\$62,784	0.7835
-\$44,153	0.7462
-\$25,060	0.7107
-\$5,492	0.6768
\$14,562	0.6446
\$35,114	0.6139
\$56,177	0.5847
\$77,762	0.5568
\$99,884	0.5303
\$122,556	0.5051
\$145,790	0.4810

\$169,602	0.4581
\$194,005	0.4363
\$219,015	0.4155
\$244,646	0.3957
\$270,913	0.3769
\$297,833	0.3589
\$325,421	0.3418
\$353,695	0.3256
\$382,671	0.3101
\$412,367	0.2953

## Pro Forma: Chanute Elementary (500 Osa Martin Blvd)

### BIDDER INPUTS (yellow cells)

DC kW	315.0
AC kW	230.0
Year-1 Production (kWh)	422,000
On-site share of Year-1 production (% , e.g. 0.95)	82.00%
Total Installed Cost (TIC, \$)	\$530,000
Year-1 O&M cost included in TIC (\$, informational)	\$2,771
10-Year O&M Option total cost (\$)	\$27,568
Domestic Content qualifies (1 = Yes, 0 = No)	0

### COMPUTED CONSTANTS

ITC (30% of TIC) (\$)	\$159,000
Domestic Content Bonus (10% if qualifies) (\$)	\$0
Net Cost after 30% ITC (\$)	\$371,000
Net Cost after 40% (ITC + DC Bonus if qual) (\$)	\$371,000
\$/W-DC	\$1.68
\$/W-AC	\$2.30
Modeled Offset % (vs 942,300 kWh)	44.78%
Specific Yield (kWh/kWp)	1,340

### 25-YEAR CASH FLOW

Year	Production (kWh)	On-site (kWh)
0	0	0
1	422,000	346,040
2	419,890	344,310
3	417,791	342,588
4	415,702	340,875
5	413,623	339,171
6	411,555	337,475
7	409,497	335,788
8	407,450	334,109
9	405,412	332,438
10	403,385	330,776
11	401,368	329,122
12	399,362	327,477
13	397,365	325,839
14	395,378	324,210
15	393,401	322,589

16	391,434	320,976
17	389,477	319,371
18	387,530	317,774
19	385,592	316,185
20	383,664	314,604
21	381,746	313,031
22	379,837	311,466
23	377,938	309,909
24	376,048	308,359
25	374,168	306,818

### **REQUIRED OUTPUTS (RFP Section 5.3)**

Year-1 Production (kWh)	422,000
Year-1 Modeled Offset (%)	44.8%
On-site share of Year-1 production	82.0%
25-Year Cumulative Production (kWh)	9,940,611
25-Year Cumulative Savings (\$)	\$1,453,220
Total Installed Cost (TIC) (\$)	\$530,000
Net Cost after 30% ITC (\$)	\$371,000
Net Cost after 40% ITC + DC (\$)	\$371,000
Simple Payback (years, Net after 40%)	7.5
25-Year NPV at 5% (\$)	\$344,533
25-Year IRR (%)	11.61%
Net LCOE (\$/kWh)	\$0.0737
\$/W-DC	\$1.68
\$/W-AC	\$2.30

Exported (kWh)	Energy Charge Avoided (\$)	Export Revenue (\$)	Gross Savings (\$)	O&M Cost (\$)	Net Cash Flow (\$)
0	\$0	\$0	\$0	\$0	-\$530,000
75,960	\$40,348	\$2,279	\$42,627	0	\$201,627
75,580	\$41,351	\$2,335	\$43,686	\$2,826	\$40,861
75,202	\$42,378	\$2,393	\$44,772	\$2,896	\$41,876
74,826	\$43,432	\$2,453	\$45,885	\$2,969	\$42,916
74,452	\$44,511	\$2,514	\$47,025	\$3,043	\$43,982
74,080	\$45,617	\$2,576	\$48,193	\$3,119	\$45,074
73,709	\$46,751	\$2,640	\$49,391	\$3,197	\$46,194
73,341	\$47,912	\$2,706	\$50,618	\$3,277	\$47,341
72,974	\$49,103	\$2,773	\$51,876	\$3,359	\$48,517
72,609	\$50,323	\$2,842	\$53,165	\$3,443	\$49,722
72,246	\$51,574	\$2,913	\$54,486	\$3,529	\$50,958
71,885	\$52,855	\$2,985	\$55,840	\$3,617	\$52,223
71,526	\$54,169	\$3,059	\$57,228	\$3,708	\$53,520
71,168	\$55,515	\$3,135	\$58,650	\$3,800	\$54,850
70,812	\$56,894	\$3,213	\$60,108	\$3,895	\$56,212

70,458	\$58,308	\$3,293	\$61,601	\$3,993	\$57,609
70,106	\$59,757	\$3,375	\$63,132	\$4,092	\$59,040
69,755	\$61,242	\$3,459	\$64,701	\$4,195	\$60,506
69,407	\$62,764	\$3,545	\$66,309	\$4,300	\$62,009
69,060	\$64,324	\$3,633	\$67,957	\$4,407	\$63,549
68,714	\$65,922	\$3,723	\$69,645	\$4,517	\$65,128
68,371	\$67,560	\$3,816	\$71,376	\$4,630	\$66,746
68,029	\$69,239	\$3,911	\$73,150	\$4,746	\$68,404
67,689	\$70,960	\$4,008	\$74,967	\$4,865	\$70,103
67,350	\$72,723	\$4,107	\$76,830	\$4,986	\$71,844

<b>Cumulative (\$)</b>	<b>Discount Factor</b>
-\$530,000	1.0000
-\$328,373	0.9524
-\$287,512	0.9070
-\$245,637	0.8638
-\$202,721	0.8227
-\$158,739	0.7835
-\$113,665	0.7462
-\$67,471	0.7107
-\$20,130	0.6768
\$28,388	0.6446
\$78,110	0.6139
\$129,068	0.5847
\$181,291	0.5568
\$234,811	0.5303
\$289,661	0.5051
\$345,874	0.4810

\$403,482	0.4581
\$462,522	0.4363
\$523,028	0.4155
\$585,037	0.3957
\$648,586	0.3769
\$713,714	0.3589
\$780,460	0.3418
\$848,864	0.3256
\$918,966	0.3101
\$990,810	0.2953

## Pro Forma: Chanute Middle School (400 W Main)

### BIDDER INPUTS (yellow cells)

DC kW	255.0
AC kW	195.0
Year-1 Production (kWh)	360,000
On-site share of Year-1 production (% , e.g. 0.95)	76.00%
Total Installed Cost (TIC, \$)	\$428,000
Year-1 O&M cost included in TIC (\$, informational)	\$2,243
10-Year O&M Option total cost (\$)	\$22,317
Domestic Content qualifies (1 = Yes, 0 = No)	0

### COMPUTED CONSTANTS

ITC (30% of TIC) (\$)	\$128,400
Domestic Content Bonus (10% if qualifies) (\$)	\$0
Net Cost after 30% ITC (\$)	\$299,600
Net Cost after 40% (ITC + DC Bonus if qual) (\$)	\$299,600
\$/W-DC	\$1.68
\$/W-AC	\$2.19
Modeled Offset % (vs 693,440 kWh)	51.92%
Specific Yield (kWh/kWp)	1,412

### 25-YEAR CASH FLOW

Year	Production (kWh)	On-site (kWh)
0	0	0
1	360,000	273,600
2	358,200	272,232
3	356,409	270,871
4	354,627	269,516
5	352,854	268,169
6	351,090	266,828
7	349,334	265,494
8	347,587	264,166
9	345,849	262,846
10	344,120	261,531
11	342,400	260,224
12	340,688	258,923
13	338,984	257,628
14	337,289	256,340
15	335,603	255,058

16	333,925	253,783
17	332,255	252,514
18	330,594	251,251
19	328,941	249,995
20	327,296	248,745
21	325,660	247,501
22	324,031	246,264
23	322,411	245,033
24	320,799	243,807
25	319,195	242,588

### **REQUIRED OUTPUTS (RFP Section 5.3)**

Year-1 Production (kWh)	360,000
Year-1 Modeled Offset (%)	51.9%
On-site share of Year-1 production	76.0%
25-Year Cumulative Production (kWh)	8,480,143
25-Year Cumulative Savings (\$)	\$1,174,078
Total Installed Cost (TIC) (\$)	\$428,000
Net Cost after 30% ITC (\$)	\$299,600
Net Cost after 40% ITC + DC (\$)	\$299,600
Simple Payback (years, Net after 40%)	7.1
25-Year NPV at 5% (\$)	\$278,416
25-Year IRR (%)	11.62%
Net LCOE (\$/kWh)	\$0.0698
\$/W-DC	\$1.68
\$/W-AC	\$2.19

Exported (kWh)	Energy Charge Avoided (\$)	Export Revenue (\$)	Gross Savings (\$)	O&M Cost (\$)	Net Cash Flow (\$)
0	\$0	\$0	\$0	\$0	-\$428,000
86,400	\$31,847	\$2,592	\$34,439	0	\$162,839
85,968	\$32,638	\$2,656	\$35,295	\$2,287	\$33,007
85,538	\$33,450	\$2,722	\$36,172	\$2,345	\$33,827
85,110	\$34,281	\$2,790	\$37,071	\$2,403	\$34,668
84,685	\$35,133	\$2,859	\$37,992	\$2,463	\$35,529
84,261	\$36,006	\$2,930	\$38,936	\$2,525	\$36,411
83,840	\$36,900	\$3,003	\$39,904	\$2,588	\$37,316
83,421	\$37,817	\$3,078	\$40,895	\$2,653	\$38,242
83,004	\$38,757	\$3,154	\$41,912	\$2,719	\$39,192
82,589	\$39,720	\$3,233	\$42,953	\$2,787	\$40,166
82,176	\$40,707	\$3,313	\$44,020	\$2,857	\$41,164
81,765	\$41,719	\$3,395	\$45,114	\$2,928	\$42,186
81,356	\$42,756	\$3,480	\$46,235	\$3,001	\$43,234
80,949	\$43,818	\$3,566	\$47,384	\$3,076	\$44,308
80,545	\$44,907	\$3,655	\$48,562	\$3,153	\$45,409

80,142	\$46,023	\$3,746	\$49,769	\$3,232	\$46,536
79,741	\$47,167	\$3,839	\$51,005	\$3,313	\$47,692
79,343	\$48,339	\$3,934	\$52,273	\$3,396	\$48,877
78,946	\$49,540	\$4,032	\$53,572	\$3,481	\$50,091
78,551	\$50,771	\$4,132	\$54,903	\$3,568	\$51,335
78,158	\$52,033	\$4,235	\$56,267	\$3,657	\$52,611
77,768	\$53,326	\$4,340	\$57,666	\$3,748	\$53,917
77,379	\$54,651	\$4,448	\$59,099	\$3,842	\$55,257
76,992	\$56,009	\$4,559	\$60,567	\$3,938	\$56,629
76,607	\$57,401	\$4,672	\$62,072	\$4,037	\$58,036

Cumulative (\$)	Discount Factor
-\$428,000	1.0000
-\$265,161	0.9524
-\$232,154	0.9070
-\$198,326	0.8638
-\$163,659	0.8227
-\$128,130	0.7835
-\$91,719	0.7462
-\$54,403	0.7107
-\$16,161	0.6768
\$23,031	0.6446
\$63,197	0.6139
\$104,361	0.5847
\$146,547	0.5568
\$189,781	0.5303
\$234,089	0.5051
\$279,498	0.4810

\$326,034	0.4581
\$373,726	0.4363
\$422,604	0.4155
\$472,695	0.3957
\$524,030	0.3769
\$576,641	0.3589
\$630,558	0.3418
\$685,815	0.3256
\$742,444	0.3101
\$800,480	0.2953

## Summary — All Meters (Required Outputs per Addendum No. 1)

Metric	HS-A (Weld)	HS-B (West)
System Size DC (kW)	67	315.0
System Size AC (kW)	50	240.0
Year-1 Production (kWh)	102,000	478,000
Year-1 Modeled Offset	57.5%	52.4%
25-Year Cumulative Production (kWh)	2,402,707	11,259,745
Total Installed Cost (TIC, \$)	\$119,000	\$558,000
ITC (30%) (\$)	\$35,700	\$167,400
Domestic Content Bonus (10%) (\$)	\$0	\$0
Net Cost after 30% ITC (\$)	\$83,300	\$390,600
Net Cost after 40% (\$)	\$83,300	\$390,600
Simple Payback at Net 40% (years)	7.1	7.1
25-Year NPV (\$)	\$59,909	\$367,433
25-Year IRR (%)	10.3%	11.68%
Net LCOE (\$/kWh)	\$0.0681	\$0.0681
\$/W-DC	\$1.78	\$1.77
\$/W-AC	\$2.38	\$2.33
10-Year O&M Option (\$)	\$5,863	\$27,568

### Notes:

1. The Required Executive Summary table on the first page of the proposal must reference the values in this Summary tab.

2. Combined IRR is not summable; report per-site IRR in the Executive Summary.

3. Combined LCOE here is an approximation (Net after 40% / 25-year cumulative production); a more rigorous combined LCOE may be computed using the discounted cash flows in the per-site tabs.

4. The export rate placeholder (\$0.030/kWh) is subject to confirmation by the City of Chanute. The District will issue an addendum if the confirmed rate differs materially.

5. Year 1 includes the District's receipt of the ITC (and Domestic Content Bonus if applicable) per IRC §6417 Direct Pay timing.

4. Export rate \$0.030/kWh is the placeholder wholesale rate per City of Chanute Net Metering (Addendum No. 1, §1.1).

<b>HS-C (East)</b>	<b>Elementary</b>	<b>Middle School</b>	<b>Combined</b>
128.0	315.0	255.0	<b>1,080</b>
100.0	230.0	195.0	<b>815</b>
176,000	422,000	360,000	<b>1,538,000</b>
48.5%	44.8%	51.9%	<b>49.8%</b>
4,145,847	9,940,611	8,480,143	<b>36,229,053</b>
\$215,000	\$530,000	\$428,000	<b>\$1,850,000</b>
\$64,500	\$159,000	\$128,400	<b>\$555,000</b>
\$0	\$0	\$0	<b>\$0</b>
\$150,500	\$371,000	\$299,600	<b>\$1,295,000</b>
\$150,500	\$371,000	\$299,600	<b>\$1,295,000</b>
7.3	7.5	7.1	<b>7.3</b>
\$145,296	\$344,533	\$278,416	<b>\$1,195,587</b>
11.84%	11.61%	11.62%	<b>see per-meter</b>
\$0.0717	\$0.0737	\$0.0698	<b>\$0.0357</b>
\$1.68	\$1.68	\$1.68	<b>\$1.71</b>
\$2.15	\$2.30	\$2.19	<b>\$2.27</b>
\$11,202	\$27,568	\$22,317	<b>\$94,518</b>