



SCALE: N.T.S.

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NARENCO
National Renewable Energy Corporation

COMPANY OFFICE ADDRESS

4601 Park Road,
Suite. 500
Charlotte, NC 28209
Phone: 704-930-7700

PROJECT NAME:

**BLUEGRASS PLAINS
SOLAR LLC**

PROJECT LOCATION

Site Address:

WINCHESTER RD / S.R. 60
FAYETTE, KY 40509

Site Latitude and Longitude:

38°01'43.42"N, 84°19'8.78"W

PROJECT DETAILS

Site AC Power:	40,000.00 kW
Site DC Power:	49813.3 kW
DC / AC Ratio:	1.245
GCR:	40.1%
Module Rating:	625W, 630W, 635W
Module Part #:	BIHIK6 625, 630, 635
String Size:	27
Total Strings:	2,936
Total Modules:	79,272
Racking Type:	Single-Axis
Row Pitch:	19'-6"
SKID Inverter Size:	4700KVA
Total Central Inverters:	10
PV Array Total:	216.89 Acres
Total Leased Total:	386.20 Acres

MODULE LEGEND

3 String Table: 91 - 635W Modules 428 - 630W Modules 344 - 625W Modules 864 - Tables	2 String Table: 84 - 635W Modules 75 - 625W Modules 163 - Tables	1 String Table: 0 - 635W Modules 15 - 630W Modules 3 - 625W Modules 18 - Tables
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GENERAL LEGEND

Project Boundary:	---
Overhead Line (Ex.):	---
MV Feeder:	---
DC Feeder:	---
Fence:	---
Gas:	G-B

HATCH LEGEND

WETLAND	---
SITE ROAD - GRAVEL	---
LAYDOWN YARD	---
LANDSCAPE BUFFER	---

BLOCK LEGEND

BASIN	CENTRAL INVERTER
---	---

SETBACK LEGEND

Gas Setback - 40'	---
Delineated Wetland Setback - 50'	---
Creek Setback - 50'	---
Overhead Line ROW - 100-250'	---
Residence (300' from to Fencing, 450' from Inv.)	---
Property Setback (Front 50', Side and Rear 25')	---

REVISION LOG

Drawn By:	----
Date:	2025-7-8
Description:	Prelim. Project Layout

SHEET NAME

PROJECT LAYOUT

SHEET NUMBER

EX-01



RUN DATE: 12-Oct-26				Cooperative Solar 2 – Bluegrass Plains Schedule for PSC							DATA DATE: 08-Oct-26																								
Activity ID	Activity Name	Original Duration	Start	Finish	BL Project Lab Units	PV Lab Units	Act Lab Units	Act % Comp	Total Float					2026										2027										2028	
										S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct
Total		612d	01-Sep-25 08:00 A	07-Feb-28 17:00	50469h	6189h	2277h		39d																										
Cooperative Solar 2 - Bluegrass Plains Schedule 8/21/26		612d	01-Sep-25 08:00 A	07-Feb-28 17:00	50469h	6189h	2277h		39d																										
Project Milestones		612d	01-Sep-25 08:00 A	07-Feb-28 17:00	0h	0h	0h		39d																										
A1000	LNTP Execution	0d	01-Sep-25 08:00 A		0h	0h	0h	100%																											
MS-1010	Major Electrical Subcontract Executed	0d		15-Oct-26 17:00	0h	0h	0h	0%	131d																										
MS-1020	All MV Skids Delivered	0d		05-Nov-26 17:00	0h	0h	0h	0%	123d																										
MS-1000	Demonstrate 20% Major Sitework Complete (GIA Milestone)	0d		04-Jan-27 17:00	0h	0h	0h	0%	82d																										
A4240	Mechanical Completion (Owner CO- 7/16/27)	0d		19-Jul-27 17:00	0h	0h	0h	0%	30d																										
A4390	COD (Owner CO#00? - (10/29/27)	0d		16-Sep-27 17:00*	0h	0h	0h	0%	30d																										
A4420	Substantial Completion (Owner CO#00?- 12/10/27)	0d		13-Dec-27 17:00	0h	0h	0h	0%	39d																										
A4940	Submit AS Builts to EKPC	0d		10-Jan-28 17:00	0h	0h	0h	0%	59d																										
A4440	Final Completion	0d		07-Feb-28 17:00	0h	0h	0h	0%	39d																										
A4910	EKPC Submit Project Cost to PSC	0d		07-Feb-28 17:00	0h	0h	0h	0%	39d																										
A4950	EKPC Submit As Builts to PSC	0d		07-Feb-28 17:00	0h	0h	0h	0%	39d																										
Design & Engineering		456d	01-Sep-25 08:00 A	28-Jun-27 17:00	0h	0h	0h		155d																										
A1010	10% Conceptual Design	9d	01-Sep-25 08:00 A	12-Sep-25 17:00 A	0h	0h	0h	100%																											
A1290	EPC Execution	0d	02-Sep-25 08:00 A		0h	0h	0h	100%																											
A1140	Site Investigation	20d	15-Sep-25 08:00 A	10-Oct-25 17:00 A	0h	0h	0h	100%																											
Geotech Testing		61d	16-Sep-25 08:00 A	12-Dec-25 17:00 A	0h	0h	0h																												
A1150	Complete Laboratory Testing	31d	16-Sep-25 08:00 A	29-Oct-25 17:00 A	0h	0h	0h	100%																											
A1180	Geotech NTP	1d	24-Sep-25 08:00 A	24-Sep-25 17:00 A	0h	0h	0h	100%																											
A1190	Kickoff Call with Client	1d	29-Sep-25 08:00 A	29-Sep-25 17:00 A	0h	0h	0h	100%																											
A1200	Submit Draft Geotechnical Report	51d	30-Sep-25 08:00 A	12-Dec-25 17:00 A	0h	0h	0h	100%																											
A1430	Mark Locations On-site	5d	30-Oct-25 08:00 A	05-Nov-25 17:00 A	0h	0h	0h	100%																											
A1450	Complete Field Exploration	9d	06-Nov-25 08:00 A	19-Nov-25 17:00 A	0h	0h	0h	100%																											
A1510	Stage1 Report	5d	20-Nov-25 08:00 A	26-Nov-25 17:00 A	0h	0h	0h	100%																											
Civil Engineering		348d	01-Sep-25 08:00 A	25-Jan-27 17:00	0h	0h	0h		263d																										
A1020	EOR Selection	19d	01-Sep-25 08:00 A	26-Sep-25 17:00 A	0h	0h	0h	100%																											
30% Civil Design		14d	29-Sep-25 08:00 A	17-Oct-25 17:00 A	0h	0h	0h																												
A1210	Site Plan Coordination	10d	29-Sep-25 08:00 A	10-Oct-25 17:00 A	0h	0h	0h	100%																											
A1300	Owner Review	4d	13-Oct-25 08:00 A	17-Oct-25 17:00 A	0h	0h	0h	100%																											
90% Civil Design - Permit Set		36d	29-Jan-26 08:00 A	20-Feb-26 17:00 A	0h	0h	0h																												
A1730	IFP Civil Drawing Set	14d	29-Jan-26 08:00 A	18-Feb-26 17:00 A	0h	0h	0h	100%																											
A1770	Owner Review	22d	19-Feb-26 08:00 A	20-Feb-26 17:00 A	0h	0h	0h	100%																											
95% Civil Design		20d	23-Feb-26 08:00 A	10-Apr-26 17:00 A	0h	0h	0h																												
A1790	IFB Civil Drawing Set	10d	23-Feb-26 08:00 A	06-Mar-26 17:00 A	0h	0h	0h	100%																											
A1940	Owner Review	10d	09-Mar-26 08:00 A	10-Apr-26 17:00 A	0h	0h	0h	100%																											
100% Civil Design		182d	01-May-26 08:00 A	25-Jan-27 17:00	0h	0h	0h		263d																										
A1990	IFC Drawing Set	10d	01-May-26 08:00 A	09-Oct-26 17:00	0h	0h	0h	90%	-1d																										
A2130	As Built Drawings	30d	09-Dec-26 08:00	25-Jan-27 17:00	0h	0h	0h	0%	263d																										
PV Array Engineering		434d	02-Sep-25 08:00 A	26-May-27 17:00	0h	0h	0h		177d																										
A1030	EOR Selection	20d	02-Sep-25 08:00 A	29-Sep-25 17:00 A	0h	0h	0h	100%																											
30% Array Design		29d	29-Sep-25 08:00 A	07-Nov-25 17:00 A	0h	0h	0h																												
A1220	Single-line and Three-line Diagram	19d	29-Sep-25 08:00 A	24-Oct-25 17:00 A	0h	0h	0h	100%																											
A1310	Skid Structural Details	4d	13-Oct-25 08:00 A	17-Oct-25 17:00 A	0h	0h	0h	100%																											
A1380	Owner Review	10d	27-Oct-25 08:00 A	07-Nov-25 17:00 A	0h	0h	0h	100%																											
60% IFP Array Design - Permit Set		107d	30-Sep-25 08:00 A	06-Mar-26 17:00 A	0h	0h	0h																												
A1460	General Arrangement Plan and Elevations	20d	30-Sep-25 08:00 A	28-Oct-25 17:00 A	0h	0h	0h	100%																											
A1540	Major Equipment Specifications	20d	29-Oct-25 08:00 A	26-Nov-25 17:00 A	0h	0h	0h	100%																											

Actual Work

 Remaining Work

Critical Remaining Work

Milestone

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**EAST KENTUCKY
POWER COOPERATIVE**
Member of the Kentucky Electric Power Association

RUN DATE: 12-Oct-26			Cooperative Solar 2 – Bluegrass Plains Schedule for PSC							DATA DATE: 08-Oct-26																																																							
Activity ID	Activity Name	Original Duration	Start	Finish	BL Project Lab Units	PV Lab Units	Act Lab Units	Act % Comp	Total Float					2026										2027										2028																															
										S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D	Jan	F	A																									
SCADA Subcontract Assignment		223d	28-Jan-26 08:00 A	15-Dec-26 17:00	0h	0h	0h		158d	Contractor Bid Contractor Selection Finalize Subcontract Negotiations Subcontractor Notice to Apprenticeship																																																							
A2430	Contractor Bid	36d	28-Jan-26 08:00 A	13-Apr-26 08:00 A	0h	0h	0h	100%																																																									
A4860	Contractor Selection	20d	13-Apr-26 08:00 A	16-Apr-26 17:00 A	0h	0h	0h	100%																																																									
A2600	Finalize Subcontract Negotiations	15d	08-Jul-26 08:00 A	05-Aug-26 17:00 A	0h	0h	0h	100%																																																									
A2760	Subcontractor Notice to Apprenticeship	35d	23-Oct-26 08:00	15-Dec-26 17:00	0h	0h	0h	0%	158d																																																								
Construction Timeline		481d	02-Sep-25 08:00 A	02-Aug-27 17:00	48709h	6189h	2277h		99d	Early Civil Mobilization Survey Entrance and Silt Fence Locations Install Silt fence and Drive entrance Early Electrical Mobilization Survey MV Skid Pile locations Install MV Skid Piles 1 & 2																																																							
Early Work Timeline		8d	12-Dec-25 08:00 A	23-Dec-25 17:00 A	341h	341h	341h																																																										
A4660	Early Civil Mobilization	1d	12-Dec-25 08:00 A	12-Dec-25 17:00 A	24h	24h	24h	100%																																																									
A4670	Survey Entrance and Silt Fence Locations	3d	12-Dec-25 08:00 A	16-Dec-25 17:00 A	5h	5h	5h	100%																																																									
A4690	Install Silt fence and Drive entrance	5d	13-Dec-25 08:00 A	20-Dec-25 17:00 A	120h	120h	120h	100%																																																									
A4700	Early Electrical Mobilization	1d	15-Dec-25 08:00 A	15-Dec-25 17:00 A	32h	32h	32h	100%																																																									
A4710	Survey MV Skid Pile locations	2d	18-Dec-25 08:00 A	20-Dec-25 17:00 A	32h	32h	32h	100%																																																									
A4720	Install MV Skid Piles 1 & 2	4d	18-Dec-25 08:00 A	23-Dec-25 17:00 A	128h	128h	128h	100%																																																									
Civil Timeline		375d	02-Sep-25 08:00 A	04-Mar-27 17:00	3920h	1456h	496h		126d																																																								
Civil Mobilization		339d	02-Sep-25 08:00 A	11-Jan-27 17:00	2600h	1256h	496h		162d																																																								
CIV2110	Submit schedule to EKPC	132d	02-Sep-25 08:00 A	13-Mar-26 17:00 A	0h	0h	0h	100%	Submit schedule to EKPC EKPC to notify residents within 2,400' of project EKPC Submit Schedule to PSC																																																								
CIV2190	EKPC to notify residents within 2,400' of project	19d	15-Nov-25 08:00 A	15-Nov-25 17:00 A	0h	0h	0h	100%																																																									
CIV2120	EKPC Submit Schedule to PSC	10d	16-Mar-26 08:00 A	27-Mar-26 17:00 A	0h	0h	0h	100%																																																									
CIV2040	Civil Subcontractor Mobilization	1d	03-Aug-26 08:00 A	04-Aug-26 17:00 A	80h	80h	80h	100%																																																									
CIV2050	Clear & Grub Main Entrance & Access Road	5d	12-Aug-26 08:00 A	25-Aug-26 17:00 A	120h	120h	120h	100%																																																									
CIV2130	Install Main Entrance & Access Road	5d	25-Aug-26 08:00 A	15-Oct-26 17:00	120h	120h	24h	20%																													99d																												
Array Area 1 (SKIDS 7, 8, 9 & 10)		97d	11-Aug-26 08:00 A	11-Jan-27 17:00	768h	648h	128h		82d	Tree cutting & grubbing along LOD for perimeter silt fence Survey LOD Array 1 Install Perimeter Silt Fence Tree Cutting & Grubbing for Basins Tree Cutting Array Survey Basins Array 1 Basin Install Grub stumps, Grade Array 1 and MV Skids Seeding and Stabilization Install Access Roads Array 1																																																							
CIV2220	Tree cutting & grubbing along LOD for perimeter silt fence	2d	11-Aug-26 08:00 A	23-Sep-26 17:00 A	64h	64h	64h	100%																																																									
CIV2080	Survey LOD Array 1	1d	12-Aug-26 08:00 A	12-Aug-26 17:00 A	16h	16h	16h	100%																																																									
CIV2260	Install Perimeter Silt Fence	2d	12-Aug-26 08:00 A	23-Sep-26 17:00 A	48h	48h	48h	100%																																																									
CIV2280	Tree Cutting & Grubbing for Basins	3d	15-Sep-26 08:00 A	15-Oct-26 17:00	96h	96h	0h	0%	-1d																																																								
CIV2340	Tree Cutting Array	2d	15-Sep-26 08:00 A	28-Oct-26 17:00	64h	64h	0h	0%	-1d																																																								
CIV2290	Survey Basins Array 1	2d	16-Oct-26 08:00	19-Oct-26 17:00	32h	32h	0h	0%	-1d																																																								
CIV2320	Basin Install	5d	20-Oct-26 08:00	26-Oct-26 17:00	200h	200h	0h	0%	-1d																																																								
CIV2350	Grub stumps, Grade Array 1 and MV Skids	3d	29-Oct-26 08:00	02-Nov-26 17:00	96h	96h	0h	0%	90d																																																								
CIV2390	Seeding and Stabilization	2d	03-Nov-26 08:00	04-Nov-26 17:00	32h	32h	0h	0%	90d																																																								
CIV2400	Install Access Roads Array 1	5d	05-Jan-27 08:00	11-Jan-27 17:00	120h	0h	0h	0%	82d																																																								
Array Area 2 (Skids 4, 5, & 6)		68d	24-Aug-26 08:00 A	08-Dec-26 17:00	784h	272h	128h		183d																													Survey LOD Array 2 Install Perimeter Silt Fence Tree cutting & grubbing along LOD for perimeter silt fence Tree Cutting & Grubbing for Basins Tree Cutting Array Survey Basins Array 2 Basin Install Seeding and Stabilization Grading Array 2 & MV Skids Install Access Roads Array 2 Collect all QA/QC for Civil Work																											
CIV2090	Survey LOD Array 2	1d	24-Aug-26 08:00 A	22-Sep-26 17:00 A	16h	16h	16h	100%																																																									
CIV2380	Install Perimeter Silt Fence	2d	24-Aug-26 08:00 A	22-Sep-26 17:00 A	48h	48h	48h	100%																																																									
CIV2360	Tree cutting & grubbing along LOD for perimeter silt fence	2d	08-Sep-26 08:00 A	23-Sep-26 17:00 A	64h	64h	64h	100%																																																									
CIV2440	Tree Cutting & Grubbing for Basins	3d	15-Sep-26 08:00 A	02-Nov-26 17:00	96h	96h	0h	0%	-1d																																																								
CIV2490	Tree Cutting Array	3d	16-Sep-26 08:00 A	18-Nov-26 17:00	96h	0h	0h	0%	-1d																																																								
CIV2460	Survey Basins Array 2	3d	03-Nov-26 08:00	05-Nov-26 17:00	48h	48h	0h	0%	-1d																																																								
CIV2470	Basin Install	5d	06-Nov-26 08:00	13-Nov-26 17:00	200h	0h	0h	0%	-1d																																																								
CIV2500	Seeding and Stabilization	2d	16-Nov-26 08:00	17-Nov-26 17:00	32h	0h	0h	0%	107d																																																								
CIV2540	Grading Array 2 & MV Skids	2d	19-Nov-26 08:00	20-Nov-26 17:00	64h	0h	0h	0%	104d																																																								
CIV2550	Install Access Roads Array 2	5d	23-Nov-26 08:00	01-Dec-26 17:00	120h	0h	0h	0%	118d																																																								
CIV2570	Collect all QA/QC for Civil Work	5d	02-Dec-26 08:00	08-Dec-26 17:00	0h	0h	0h	0%	183d																																																								
Array Area 3 (SKIDS 1, 2 & 3)		93d	14-Aug-26 08:00 A	04-Jan-27 17:00	728h	16h	16h		93d	Survey LOD Array 3 & Substation LOD Instal perimeter silt fence & Substaion LOD Silt fence Tree Cutting & Grubbing along LOD for perimeter silt fence Tree Cutting & Grubbing for Basins Tree cutting array																																																							
CIV2060	Survey LOD Array 3 & Substation LOD	1d	14-Aug-26 08:00 A	21-Sep-26 17:00 A	16h	16h	16h	100%																																																									
CIV2100	Instal perimeter silt fence & Substaion LOD Silt fence	3d	25-Aug-26 08:00 A	25-Nov-26 17:00	72h	0h	0h	0%	-1d																																																								
CIV2070	Tree Cutting & Grubbing along LOD for perimeter silt fence	2d	10-Sep-26 08:00 A	20-Nov-26 17:00	64h	0h	0h	0%	-1d																																																								
CIV2150	Tree Cutting & Grubbing for Basins	2d	11-Sep-26 08:00 A	01-Dec-26 17:00	64h	0h	0h	0%	82d																																																								
CIV2200	Tree cutting array	2d	11-Sep-26 08:00 A	14-Dec-26 17:00	64h	0h	0h	0%	82d																																																								

Actual Work Critical Remaining Work Remaining Work Milestone

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Run DATE: 12-Oct-26				Cooperative Solar 2 – Bluegrass Plains Schedule for PSC							DATA DATE: 08-Oct-26																								
Activity ID	Activity Name	Original Duration	Start	Finish	BL Project Lab Units	PV Lab Units	Act Lab Units	Act % Comp	Total Float					2026										2027										2028	
										S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct
1	CIV2160	Survey Basins Array 3	2d	02-Dec-26 08:00	03-Dec-26 17:00	32h	0h	0h	0%	82d											I Survey Basins Array 3														
	CIV2170	Basin Install	5d	04-Dec-26 08:00	10-Dec-26 17:00	200h	0h	0h	0%	82d											I Basin Install														
	CIV2230	Grade Substation Pad	5d	15-Dec-26 08:00	21-Dec-26 17:00	0h	0h	0h	0%	82d											I Grade Substation Pad														
	CIV2210	Grading Array 3 and MV Skids	2d	22-Dec-26 08:00	23-Dec-26 17:00	64h	0h	0h	0%	82d											I Grading Array 3 and MV Skids														
	CIV2240	Seeding and Stabilization	2d	28-Dec-26 08:00	29-Dec-26 17:00	32h	0h	0h	0%	96d											I Seeding and Stabilization														
	CIV2250	Install Access Roads Array 3	5d	28-Dec-26 08:00	04-Jan-27 17:00	120h	0h	0h	0%	82d											I Install Access Roads Array 3														
	Site Fence		96d	09-Oct-26 08:00	04-Mar-27 17:00	1320h	200h	0h		126d																									
	CIV2140	Survey Entrance Temp Gate	5d	09-Oct-26 08:00	16-Oct-26 17:00	80h	80h	0h	0%	171d											I Survey Entrance Temp Gate														
	CIV2180	Install Entrance Temp Gate	5d	19-Oct-26 08:00	23-Oct-26 17:00	120h	120h	0h	0%	171d											I Install Entrance Temp Gate														
	CIV2560	Survey Array 1 & 2 Perimeter Fence & Gates	5d	23-Nov-26 08:00	01-Dec-26 17:00	80h	0h	0h	0%	162d											I Survey Array 1 & 2 Perimeter Fence & Gates														
	CIV2270	Survey Array 3 Perimeter Fence & Gates	5d	28-Dec-26 08:00	04-Jan-27 17:00	80h	0h	0h	0%	126d											I Survey Array 3 Perimeter Fence & Gates														
	CIV2300	Install Array 3 Perimetre Fence & Gates	15d	05-Jan-27 08:00	26-Jan-27 17:00	360h	0h	0h	0%	126d											I Install Array 3 Perimetre Fence & Gates														
	CIV2610	Install Array 1 & 2 Perimeter Fence & Gates	25d	27-Jan-27 08:00	03-Mar-27 17:00	600h	0h	0h	0%	126d											I Install Array 1 & 2 Perimeter Fence & Gates														
	CIV2620	Ground Perimeter Permanent Fence as Required	0d	04-Mar-27 08:00	04-Mar-27 08:00	0h	0h	0h	0%	126d											I Ground Perimeter Permanent Fence as Required														
	CIV2630	Collect all QA/QC Permanent Fence documents	1d	04-Mar-27 08:00	04-Mar-27 17:00	0h	0h	0h	0%	126d											I Collect all QA/QC Permanent Fence documents														
	Substation Timeline (EKPC Scope)		237d	06-Aug-26 08:00 A	19-Jul-27 17:00	0h	0h	0h		-1d																									
	A2380	Substation Procurement	30d	06-Aug-26 08:00 A	16-Oct-26 17:00	0h	0h	0h	96.67%	26d											I Substation Procurement														
	A2370	Substation Construction (7/16/27 completion)	160d	30-Nov-26 08:00	19-Jul-27 17:00*	0h	0h	0h	0%	-1d											Substation Construction (7/16/27 completion)														
	A2390	Control House Install	5d	12-Apr-27 08:00*	16-Apr-27 17:00	0h	0h	0h	0%	64d											I Control House Install														
	Tracker Timeline		145d	02-Sep-26 08:00 A	06-Apr-27 17:00	20520h	3880h	1440h		120d																									
	MEC2480	Mechanical Subcontractor Mobilization	5d	14-Sep-26 08:00 A	23-Oct-26 17:00	120h	120h	0h	0%	98d											I Mechanical Subcontractor Mobilization														
	MEC2510	Survey Posts Array 1	5d	05-Nov-26 08:00	12-Nov-26 17:00	80h	80h	0h	0%	90d											I Survey Posts Array 1														
	MEC2570	Survey Posts Array 2	5d	23-Nov-26 08:00	01-Dec-26 17:00	80h	0h	0h	0%	104d											I Survey Posts Array 2														
	MEC2620	Survey Posts Array 3	5d	30-Dec-26 08:00	06-Jan-27 17:00	80h	0h	0h	0%	96d											I Survey Posts Array 3														
	Post Delivery		20d	21-Sep-26 08:00 A	26-Oct-26 17:00	1600h	1600h	1120h		98d																									
	MEC2520	Post Delivery	20d	21-Sep-26 08:00 A	26-Oct-26 17:00	1600h	1600h	1120h	70%	98d											I Post Delivery														
	Racking Delivery (Delivery starts 9/1)		30d	02-Sep-26 08:00 A	24-Nov-26 17:00	2400h	2080h	320h		118d																									
	MEC2580	Racking Delivery	30d	02-Sep-26 08:00 A	24-Nov-26 17:00	2400h	2080h	320h	13.33%	118d											I Racking Delivery														
	Post Install		49d	13-Nov-26 08:00	28-Jan-27 17:00	2880h	0h	0h		150d																									
	MEC2590	Post Install Array 1	10d	13-Nov-26 08:00	30-Nov-26 17:00	960h	0h	0h	0%	90d											I Post Install Array 1														
	MEC2650	Post Install Array 2	10d	02-Dec-26 08:00	15-Dec-26 17:00	960h	0h	0h	0%	104d											I Post Install Array 2														
	MEC2790	Post Install Array 3	10d	07-Jan-27 08:00	21-Jan-27 17:00	960h	0h	0h	0%	96d											I Post Install Array 3														
	MEC2800	Collect all QA/QC for Post Installation	5d	22-Jan-27 08:00	28-Jan-27 17:00	0h	0h	0h	0%	150d											I Collect all QA/QC for Post Installation														
	Racking Install		65d	01-Dec-26 08:00	08-Mar-27 17:00	2400h	0h	0h		124d																									
	MEC2690	Racking Install Array 1	20d	01-Dec-26 08:00	30-Dec-26 17:00	800h	0h	0h	0%	90d											I Racking Install Array 1														
	MEC2930	Racking Install Array 2	20d	31-Dec-26 08:00	29-Jan-27 17:00	800h	0h	0h	0%	90d											I Racking Install Array 2														
	MEC3290	Racking Install Array 3	20d	01-Feb-27 08:00	01-Mar-27 17:00	800h	0h	0h	0%	90d											I Racking Install Array 3														
	MEC3300	Collect all QA/QC for Racking Installation	5d	02-Mar-27 08:00	08-Mar-27 17:00	0h	0h	0h	0%	124d											I Collect all QA/QC for Racking Installation														
	Module Delivery Begins 11/6		30d	06-Nov-26 08:00	22-Dec-26 17:00	4800h	0h	0h		134d																									
	MEC3440	Module Delivery Week 1 (36 trucks per week)	5d	06-Nov-26 08:00	13-Nov-26 17:00	400h	0h	0h	0%	129d											I Module Delivery Week 1 (36 trucks per week)														
	MEC3450	Module Staging	30d	06-Nov-26 08:00	22-Dec-26 17:00	2400h	0h	0h	0%	134d											I Module Staging														
	MEC3510	Module Delivery Week 2	5d	16-Nov-26 08:00	20-Nov-26 17:00	400h	0h	0h	0%	134d											I Module Delivery Week 2														
	MEC3600	Module Delivery Week 3	5d	23-Nov-26 08:00	01-Dec-26 17:00	400h	0h	0h	0%	134d											I Module Delivery Week 3														
	MEC3660	Module Delivery Week 4	5d	02-Dec-26 08:00	08-Dec-26 17:00	400h	0h	0h	0%	134d											I Module Delivery Week 4														
	MEC3710	Module Delivery Week 5	5d	09-Dec-26 08:00	15-Dec-26 17:00	400h	0h	0h	0%	134d											I Module Delivery Week 5														
MEC3820	Module Delivery Week 6	5d	16-Dec-26 08:00	22-Dec-26 17:00	400h	0h	0h	0%	134d											I Module Delivery Week 6															
Module Installation		60d	31-Dec-26 08:00	29-Mar-27 17:00	4320h	0h	0h		109d																										
MEC3520	Mod Install Array 1	15d	31-Dec-26 08:00	22-Jan-27 17:00	1440h	0h	0h	0%	100d											I Mod Install Array 1															
MEC3720	Mod Install Array 2	15d	01-Feb-27 08:00	22-Feb-27 17:00	1440h	0h	0h	0%	95d											I Mod Install Array 2															
MEC3950	Mod Install Array 3	15d	02-Mar-27 08:00	22-Mar-27 17:00	1440h	0h	0h	0%	90d											I Mod Install Array 3															
Actual Work Remaining Work Critical Remaining Work Milestone				Page 5 of 10																															

RUN DATE: 12-Oct-26				Cooperative Solar 2 – Bluegrass Plains Schedule for PSC										DATA DATE: 08-Oct-26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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RUN DATE: 12-Oct-26				Cooperative Solar 2 – Bluegrass Plains Schedule for PSC										DATA DATE: 08-Oct-26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Activity ID	Activity Name	Original Duration	Start	Finish	BL Project Lab Units	PV Lab Units	Act Lab Units	Act % Comp	Total Float	2026												2027												2028																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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	A4490	Skid 6 - IR Testing	3d	01-Feb-27 08:00	03-Feb-27 17:00	48h	0h	0h	0%	139d																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

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Activity ID		Activity Name	Original Duration	Start	Finish	BL Project Lab Units	PV Lab Units	Act Lab Units	Act % Comp	Total Float					2026								2027								2028																																																																																																																																																																																																																																				
											S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D	Jan	F	M																																																																																																																																																																																																																										
		A3700	Skid 1 - Inverter Skid Cold Commissioning	2d	27-Apr-27 08:00	28-Apr-27 17:00	48h	0h	0h	0%	82d											I Skid 1 - Inverter Skid Cold Commissioning																																																																																																																																																																																																																																													
		A4680	Install ARC Flash Labels	5d	29-Apr-27 08:00	05-May-27 17:00	0h	0h	0h	0%	82d											I Install ARC Flash Labels																																																																																																																																																																																																																																													
		A4250	Owner Review	10d	20-Jul-27 08:00	02-Aug-27 17:00	0h	0h	0h	0%	99d											I Owner Review																																																																																																																																																																																																																																													
		Submit QA/QC Documents to Owner	0d	15-Apr-27 08:00	15-Apr-27 08:00	0h	0h	0h		97d																																																																																																																																																																																																																																																									
		A4890	Submit QA/QC Docs to Owner	0d	15-Apr-27 08:00	15-Apr-27 08:00	0h	0h	0h	0%	97d											I Submit QA/QC Docs to Owner																																																																																																																																																																																																																																													
		Testing & Commissioning	324d	23-Oct-26 08:00	07-Feb-28 17:00	1760h	0h	0h		39d																																																																																																																																																																																																																																																									
		Cold Commissioning	135d	12-Feb-27 08:00	23-Aug-27 17:00	720h	0h	0h		95d																																																																																																																																																																																																																																																									
		Array Commissioning	51d	12-Feb-27 08:00	26-Apr-27 17:00	720h	0h	0h		126d																																																																																																																																																																																																																																																									
		A4550	Inverter Cold Commisioning Reports	10d	12-Feb-27 08:00	26-Feb-27 17:00	240h	0h	0h	0%	145d											I Inverter Cold Commisioning Reports																																																																																																																																																																																																																																													
		A3870	Tracker Master Controller & Node Checkout	20d	30-Mar-27 08:00	26-Apr-27 17:00	320h	0h	0h	0%	126d											I Tracker Master Controller & Node Checkout																																																																																																																																																																																																																																													
		A3880	Review IV Curve & Retest as Needed	3d	08-Apr-27 08:00	12-Apr-27 12:00	40h	0h	0h	0%	95d											I Review IV Curve & Retest as Needed																																																																																																																																																																																																																																													
		A4590	Review IRT & Retest as Needed	3d	09-Apr-27 08:00	13-Apr-27 12:00	40h	0h	0h	0%	94d											I Review IRT & Retest as Needed																																																																																																																																																																																																																																													
		A4580	Review VLF tests & Retest as Needed	5d	12-Apr-27 08:00	16-Apr-27 17:00	80h	0h	0h	0%	90d											I Review VLF tests & Retest as Needed																																																																																																																																																																																																																																													
		A3890	Submit PV testing & Cold Commissioning Documents	5d	19-Apr-27 08:00	23-Apr-27 17:00	0h	0h	0h	0%	90d											I Submit PV testing & Cold Commissioning Documents																																																																																																																																																																																																																																													
		Utility and Owner Approval	25d	20-Jul-27 08:00	23-Aug-27 17:00	0h	0h	0h		95d																																																																																																																																																																																																																																																									
		A4290	Utility and Owner - Consent to Energize	15d	20-Jul-27 08:00	09-Aug-27 17:00	0h	0h	0h	0%	30d											I Utility and Owner - Consent to Energize																																																																																																																																																																																																																																													
		A4280	Utility Tie-In Complete	1d	03-Aug-27 08:00	03-Aug-27 17:00	0h	0h	0h	0%	99d											I Utility Tie-In Complete																																																																																																																																																																																																																																													
		A4310	Placed-In-Service	10d	10-Aug-27 08:00	23-Aug-27 17:00	0h	0h	0h	0%	95d											I Placed-In-Service																																																																																																																																																																																																																																													
		Hot Commissioning	147d	29-Apr-27 08:00	26-Nov-27 17:00	1040h	0h	0h		70d																																																																																																																																																																																																																																																									
		A4560	OEM Inverter Hot Commissioning Checklist	3d	29-Apr-27 08:00	04-May-27 10:40	80h	0h	0h	0%	114d											I OEM Inverter Hot Commissioning Checklist																																																																																																																																																																																																																																													
		A4320	Initial Energization and MPT Soak	5d	10-Aug-27 08:00	16-Aug-27 17:00	0h	0h	0h	0%	30d											I Initial Energization and MPT Soak																																																																																																																																																																																																																																													
		A4350	Inverter Hot Commissioning	20d	17-Aug-27 08:00	14-Sep-27 17:00	320h	0h	0h	0%	42d											I Inverter Hot Commissioning																																																																																																																																																																																																																																													
		Substation Commissioning	70d	17-May-27 08:00	23-Aug-27 17:00	320h	0h	0h		57d																																																																																																																																																																																																																																																									
		A4340	Substation SCADA Checkout	15d	17-May-27 08:00	07-Jun-27 17:00	240h	0h	0h	0%	112d											I Substation SCADA Checkout																																																																																																																																																																																																																																													
		A4330	Voltage and Utility Meter Checks	5d	17-Aug-27 08:00	23-Aug-27 17:00	80h	0h	0h	0%	57d											I Voltage and Utility Meter Checks																																																																																																																																																																																																																																													
		Array Commissioning	70d	17-Aug-27 08:00	26-Nov-27 17:00	320h	0h	0h		70d																																																																																																																																																																																																																																																									
		A4360	Array SCADA Checkout	10d	17-Aug-27 08:00	30-Aug-27 17:00	160h	0h	0h	0%	30d											I Array SCADA Checkout																																																																																																																																																																																																																																													
		A4370	Array Final Checks & IV Curve	10d	17-Aug-27 08:00	30-Aug-27 17:00	160h	0h	0h	0%	80d											I Array Final Checks & IV Curve																																																																																																																																																																																																																																													
		A4570	Preliminary IR Scan	5d	15-Sep-27 08:00	21-Sep-27 17:00	0h	0h	0h	0%	70d											I Preliminary IR Scan																																																																																																																																																																																																																																													
		A4600	Review Preliminary IR scan	10d	22-Sep-27 08:00	05-Oct-27 17:00	0h	0h	0h	0%	70d											I Review Preliminary IR scan																																																																																																																																																																																																																																													
		A4610	Final IR Scan & Report	25d	06-Oct-27 08:00	10-Nov-27 17:00	0h	0h	0h	0%	70d											I Final IR Scan & Report																																																																																																																																																																																																																																													
		A4620	Create & Submit Punchlist	10d	12-Nov-27 08:00	26-Nov-27 17:00	0h	0h	0h	0%	70d											I Create & Submit Punchlist																																																																																																																																																																																																																																													
		Testing	12d	31-Aug-27 08:00	16-Sep-27 17:00	0h	0h	0h		30d																																																																																																																																																																																																																																																									
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		A4380	Utility Testing	6d	31-Aug-27 08:00	08-Sep-27 17:00	0h	0h	0h	0%	30d											I Utility Testing																																																																																																																																																																																																																																													
		A4650	NERC Testing	6d	09-Sep-27 08:00	16-Sep-27 17:00	0h	0h	0h	0%	30d											I NERC Testing																																																																																																																																																																																																																																													
		System Testing	79d	17-Sep-27 08:00	10-Jan-28 17:00	0h	0h	0h		59d																																																																																																																																																																																																																																																									
		A4630	Submit Notice of Performance Test	1d	17-Sep-27 08:00	17-Sep-27 17:00	0h	0h	0h	0%	39d											I Submit Notice of Performance Test																																																																																																																																																																																																																																													
		A4400	Performance Test	48d	20-Sep-27 08:00	29-Nov-27 17:00	0h	0h	0h	0%	39d											I Performance Test																																																																																																																																																																																																																																													
		A4410	Owner Review	10d	30-Nov-27 08:00	13-Dec-27 17:00	0h	0h	0h	0%	39d											I Owner Review																																																																																																																																																																																																																																													
		A4430	EC&S Closeout - Permit NOT	20d	14-Dec-27 08:00	10-Jan-28 17:00	0h	0h	0h	0%	59d											I EC&S Closeout - Permit NOT																																																																																																																																																																																																																																													
		A4640	Closeout Punchlist	20d	14-Dec-27 08:00	10-Jan-28 17:00	0h	0h	0h	0%	59d											I Closeout Punchlist																																																																																																																																																																																																																																													
		Project Closeout	324d	23-Oct-26 08:00	07-Feb-28 17:00	0h	0h	0h		39d																																																																																																																																																																																																																																																									
		A4960	EKPC Submit Final Layout to PSC	10d	23-Oct-26 08:00	05-Nov-26 17:00	0h	0h	0h	0%	113d											I EKPC Submit Final Layout to PSC																																																																																																																																																																																																																																													
		A4970	Stantec to develop decommissioning plan	90d	06-Nov-26 08:00	23-Mar-27 17:00	0h	0h	0h	0%	113d											I Stantec to develop decommissioning plan																																																																																																																																																																																																																																													
		A4900	EKPC Submit Total Project Cost to PSC	40d	14-Dec-27 08:00	07-Feb-28 17:00	0h	0h	0h	0%	39d											I EKPC Submit Total Project Cost to PSC																																																																																																																																																																																																																																													
		A4920	As Builts to EKPC	20d	14-Dec-27 08:00	10-Jan-28 17:00	0h	0h	0h	0%	39d											I As Builts to EKPC																																																																																																																																																																																																																																													
		A4930	EKPC Submit AS Builts to PSC	20d	11-Jan-28 08:00	07-Feb-28 17:00	0h	0h	0h	0%	39d											I EKPC Submit AS Builts to PSC																																																																																																																																																																																																																																													

East Kentucky Power Cooperative - Cooperative Solar Projects
Onsite Worker Projections during Construction

Project Phase	Project Activity	Anticipated Duration ¹	Onsite Workers per Day
Solar 2 - Bluegrass Plains			
	Site Preparation / Clearing & Grubbing	15 Weeks	5 - 20
	Solar Facility Installation	34-38 weeks	30 - 80
Solar 3 - Northern Bobwhite			
	Site Preparation / Clearing & Grubbing	15 Weeks	5 - 20
	Solar Facility Installation	34-38 weeks	30 - 100

¹Schedules based on Project Baseline Schedule prepared in August, 2026. Delays due to weather, permitting, and equipment delivery may impact durations listed

**Decommissioning Plan
Cooperative Solar 2 – Bluegrass
Plains Solar Project
Fayette County, Kentucky**



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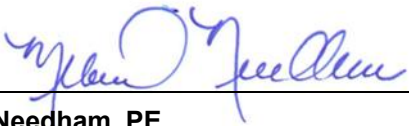
Project No: 190300003
October 13, 2026

**DECOMMISSIONING PLAN
COOPERATIVE SOLAR 2 – BLUEGRASS PLAINS, FAYETTE COUNTY, KENTUCKY**

This document entitled Decommissioning Plan – Cooperative Solar 2 – Bluegrass Plains, Fayette County, Kentucky was prepared by Stantec Consulting Services Inc. (“Stantec”) for the use of East Kentucky Power Cooperative (the “Client”). The material in this document reflects Stantec’s professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in this document are based on conditions and information existing at the time this document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others.



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DECOMMISSIONING PLAN
COOPERATIVE SOLAR 2 – BLUEGRASS PLAINS, FAYETTE COUNTY, KENTUCKY

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1.0 INTRODUCTION

East Kentucky Power Cooperative (EKPC) is proposing to construct the Bluegrass Plains Solar Project (the “Project”) located south of the intersection of Interstate 64 and State Highway 859 on Winchester Road in Fayette County, Kentucky. The Project area will occupy approximately 385 acres of land with 248 acres within the project fencing. The Project will have a total generating capacity of 50 megawatts (MW) direct current (DC), which will be converted to a maximum of 40 MW alternating current (AC) of power at the Point of Interconnection (POI). Major components of the Project include bi-facial solar modules, a tracking system, inverter stations, transformers and auxiliary transformers, below and above ground electrical cabling, access roads, perimeter fence, a Project substation, and an overhead transmission line. At the time this Decommissioning Plan (Plan) was developed, the Project substation and transmission line are still under design; details of the decommissioning will be expanded under a revised or separate cover.

This Plan provides a description of the decommissioning and restoration phase of the Project. The decommissioning phase is assumed to include the removal of Project facilities as listed in Section 1.1 and shown in Figure 1. This Plan complies with requirements stated within the Kentucky Public Service Commission (KPSC) Certificate of Public Convenience and Necessity (CPCN) – Case Number 2024-00129.

This Plan includes an overview of the primary decommissioning Project activities, including the dismantling and removal of facilities, and subsequent restoration of land. A summary of estimated costs and revenues associated with decommissioning the Project are included in Section 4.0. The summary statistics and estimates provided are based on a 50-MW_[DC] Project array design.

1.1 SOLAR PROJECT COMPONENTS

The main components of the Project to be decommissioned include:

- Solar modules and associated above ground cabling
- Tracking system and steel piles
- Inverter/transformer/auxiliary transformer stations and steel piles
- Site access and internal roads
- Perimeter fencing
- Electrical cabling and conduits

1.2 TRIGGERING EVENTS AND EXPECTED LIFETIME OF PROJECT

Project decommissioning may be triggered by events such as the end of a power purchase agreement or when the Project reaches the end of its operational life.

If properly maintained, the expected lifetime of a utility-scale solar module is approximately 40 years with an opportunity for a project lifetime of more than 40 years with equipment replacement and repowering. Depending on market conditions and project viability, solar arrays may be retrofitted with updated components (e.g., modules, tracking system, etc.) to extend the life of a project. In the event that the facility

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COOPERATIVE SOLAR 2 – BLUEGRASS PLAINS, FAYETTE COUNTY, KENTUCKY

is not retrofitted, or at the end of the Project's useful life, the solar arrays and associated components will be decommissioned and removed from the Project site. During the Project's useful life, solar modules that are replaced or discarded will be removed from the site within 90 days, unless an extension has been granted by the secretary of the Kentucky Energy and Environment Cabinet ("Secretary").

Components of the solar facility that have resale value may be sold in the wholesale market. Components with no wholesale value will be salvaged and sold as scrap for recycling or disposed of at an offsite licensed solid waste disposal facility (landfill) in accordance with local, state and federal waste disposal regulations at the time of decommissioning. Decommissioning activities will include removal of the solar arrays and associated components as listed in Section 1.1 and described in Section 2.0.

1.3 DECOMMISSIONING SEQUENCE

Decommissioning activities are typically started within 12 to 18 months of the Project ceasing operation and completed 12 months thereafter. Monitoring and site restoration may extend beyond this period to ensure successful revegetation and rehabilitation. The anticipated sequence of decommissioning and removal is described below; however, overlap of activities is expected.

- Reinforce access roads, if needed, and prepare site for component removal
- Install temporary fencing and erosion control best management practices (BMPs) to protect sensitive resources, if present, and control erosion during the decommissioning activities
- De-energize solar arrays
- Dismantle and remove modules and above ground wiring
- Remove tracking equipment and piles
- Remove inverter/transformer/auxiliary transformer stations, along with support piers and piles
- Remove above and below ground electrical cables and conduit
- Remove perimeter fencing
- Remove access and internal roads
- Backfill voids created during pile and foundation removal, grade site, and de-compact subsoils, as required
- Remove temporary BMPs, and restore and revegetate disturbed land

2.0 PROJECT COMPONENTS AND DECOMMISSIONING ACTIVITIES

2.1 OVERVIEW OF SOLAR FACILITY SYSTEM

EKPC anticipates utilizing approximately 79,596 solar modules, with a total nameplate generating capacity of up to 50 MW_[DC] converting to approximately 40 MW_[AC] on the 248 acres of land within the perimeter fencing. Statistics and cost estimates provided in this Plan are based on the CS6.2-66HB-625H, CS6.2-66HB-630H, AND CS6.2-66HB-635H (625-watt, 630-watt, 635-watt, respectively) bifacial modules manufactured by Canadian Solar or similar module and manufacturer.

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Foundations, steel piles, electrical cabling and conduit will be completely removed from the site. Access roads and fence may be left in place if requested and/or agreed to by the landowner; however, for purposes of this assessment, all access roads and fencing are assumed to be removed. EKPC will communicate with the appropriate local agency to coordinate the repair of public roads that are damaged or modified during the decommissioning and reclamation process. EKPC will coordinate with appropriate federal, state, and local agencies for necessary permit approvals prior to decommissioning activities.

Estimated quantities of materials to be removed and sold, salvaged or disposed of are included in this section. Most of the materials described have resale or salvage value, although there are some components that will likely have none at the time of decommissioning. Removed materials that cannot be sold on the resale market will be salvaged or recycled to the extent practicable. Other non-recyclable waste materials will be disposed of in accordance with local, state and federal waste disposal regulations in effect at the time of decommissioning. Table 1 presents a summary of the primary components of the Project included in this Plan.

Table 1 Primary Components of Project to be Decommissioned

Component	Quantity	Unit of Measure
Solar modules (approximate)	79,596	Each
Tracking system (81-module equivalent tracker)	983	Each
Steel piles/posts (trackers)	11,796	Each
Inverters	10	Each
Transformers	10	Each
Auxiliary Transformers	10	Each
Steel piles/posts (inverter/transformer/auxiliary transformer stations)	120	Each
Below ground cabling and conduit	45,500	Linear Foot
Perimeter fencing (approximate)	20,800	Linear Foot
Access roads (approximate)	10,000	Linear Foot

2.2 SOLAR MODULES

Statistics and estimates provided in this Plan are based on the CS6.2-66HB 625-watt, 630-watt, and 635-watt bifacial modules manufactured Canadian Solar. The module assemblies (with frame) each have a total weight of approximately 72.3 pounds and are approximately 93.8 inches by 44.6 inches in size. The modules are mainly comprised of an anodized aluminum frame and various non-metallic materials such as silicon, tempered glass, plastic, and epoxies.

At the time of decommissioning, module components in working condition may be refurbished and sold in a secondary market yielding greater revenue than selling as salvage material. The estimates in this report have been calculated using a conservative approach, considering revenue from salvage only, rather than resale of the modules.

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2.3 TRACKING SYSTEM AND SUPPORT

The solar modules will be mounted on a one-in-portrait single axis tracking system, such as the CSI tracker manufactured by Nevados. Each full equivalent tracker is expected to be approximately 309 feet in length and will support approximately 81 solar modules. Smaller trackers may be employed at the edges of the layout to efficiently utilize available space. The tracking system is mainly comprised of galvanized steel; steel piles that support the system are assumed to be comprised of structural steel.

The solar arrays will be deactivated from the surrounding electrical system and made safe for disassembly. Tracker lubricants will be removed and properly disposed of or recycled according to regulations current at the time of decommissioning. Electronic components, and internal electrical wiring will be removed and salvaged. The steel piles will be completely removed below the surface. The supports, tracking system, and piles contain salvageable materials which can be sold to provide revenue to offset the decommissioning costs.

2.4 INVERTERS, TRANSFORMERS, AND AUXILIARY TRANSFORMERS

Ten (10) medium-voltage (MV) skids are located within the array and will be supported by steel pile foundations. Each MV skid consists of one inverter, one transformer, and one auxiliary transformer. The inverters, transformers, and auxiliary transformers will be deactivated, disassembled, and removed. Depending on its condition, the equipment may be sold for refurbishment and re-use. If not re-used, they will be salvaged or disposed of at an approved solid waste management facility. Piers and piles, including underground portions, will be completely removed from the site. Oils and lubricants will be collected and disposed of at a licensed facility.

2.5 ELECTRICAL CABLING AND CONDUITS

The Project's underground electrical collection system will be placed at a depth of one and a half feet (18 inches) below the ground surface. Cabling and conduit above and below ground will be removed and salvaged. The cost to remove cabling and conduit has been included in the decommissioning estimate.

2.6 PROJECT SUBSTATION AND ABOVE GROUND TRANSMISSION TIE-IN LINE

A Project substation will be constructed as part of the Project. The substation will contain within its perimeter a gravel pad, one power transformer and footings, electrical control house and concrete foundations, as needed. An overhead transmission line connects the Project substation to EKPC's existing Avon Substation. A decommissioning cost for neither the substation nor the overhead transmission line have been included in this Plan as design is still ongoing; details of the decommissioning will be expanded under a revised or separate cover.

2.7 PERIMETER FENCING AND ACCESS ROADS

The Project site will include an approximately seven-foot-high wildlife link fence surrounding the perimeter of each array site. The fence will be approximately 20,800 feet (3.94 miles) in length. Near the end of the

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COOPERATIVE SOLAR 2 – BLUEGRASS PLAINS, FAYETTE COUNTY, KENTUCKY

decommissioning process, the fence fabric, poles, and foundations will be removed and sold for salvage or recycled.

A network of access roads will allow access to solar facility equipment. The access roads will be composed of gravel approximately 20 feet wide, eight inches in depth, and 10,000 feet (1.89 miles) in length. The access road lengths may change with the final Project design. Access roads may be left in place if requested and/or agreed to by the landowner. To be conservative, the decommissioning estimate assumes that all internal access roads will be removed.

During installation of the Project site access roads, topsoil will be removed, the native subgrade will be compacted, and geogrid will be placed (as needed) beneath the gravel for the length of the access road. This plan assumes installation of up to eight inches of aggregate base materials over geogrid. The estimated quantity of these materials is provided in Table 2.

Table 2 Typical Access Road Construction Materials

Item	Quantity	Unit
Gravel or granular fill; eight-inch thick	4,938	Cubic Yards
Geogrid	22,222	Square Yards

Decommissioning activities include the removal and stockpiling of aggregate materials on site for salvage preparation. Underlying geogrid will also be removed during the decommissioning process. Geogrid that is easily separated from the aggregate during excavation will be disposed of in an approved solid waste disposal facility. Geogrid that remains with the aggregate will be sorted out at the processing site and properly disposed of. Following removal of aggregate and geogrid, the access road areas will be graded, de-compacted with deep ripper or chisel plow (ripped to 18 inches), backfilled with native subsoil and topsoil, as needed, and land contours restored to a substantially similar state as it was prior to the commencement of construction of the Project.

3.0 LAND USE AND ENVIRONMENT

3.1 AGRICULTURAL LAND USE

The Project site topography is gently rolling and is predominantly located on land historically utilized for agricultural purposes. The Project area will be returned to a substantially similar state as it was prior to the commencement of construction.

3.2 RESTORATION AND REVEGETATION

Portions of the Project site that have been excavated and backfilled will be returned to a substantially similar state as it was prior to the commencement of construction. Soils compacted during de-construction activities will be de-compacted, as necessary. County drains will be avoided. If present, private drain tiles that affect drainage of multiple parcels that were not avoided, rerouted, or repaired during construction and have been damaged will be repaired or replaced, as needed, in order to maintain appropriate drainage. Topsoil will be placed on disturbed areas, as needed, and seeded with appropriate vegetation in coordination with landowners. Restored areas will be revegetated in compliance with applicable laws and regulations in place at the time of decommissioning.

3.3 SURFACE WATER DRAINAGE AND CONTROL

As previously described, the proposed Project area is predominantly located in actively drained agricultural land. The terrain is gently rolling with several man-made and natural drainages. The Project facilities are being sited to avoid wetlands, waterways, and drainage ditches to the extent practicable.

Surface water conditions at the Project site will be reassessed prior to the decommissioning phase. EKPC or their designated decommissioning contractor will obtain the required water quality permits from the Kentucky Energy and Environment Cabinet (KEEC) and the U.S. Army Corps of Engineers (USACE), as needed, prior to decommissioning the Project. Required construction stormwater permits will also be obtained, and a Stormwater Pollution Prevention Plan (SWPPP) prepared describing the protection needed to reflect conditions present at the time of decommissioning. Best Management Practices (BMPs) may include enhancement of construction entrances, temporary seeding, permanent seeding, mulching (in non-agricultural areas), erosion control matting, silt fence, filter berms, and filter socks.

3.4 MAJOR EQUIPMENT REQUIRED FOR DECOMMISSIONING

The activities involved in decommissioning the Project include removal of the above and below ground Project components as described in Section 1.1 and 2.0. Restoration activities include back-filling of pile and foundation sites; de-compaction of subsoils; and grading of surfaces per regulatory requirements of the disturbed areas.

Equipment required for the decommissioning activities is similar to what is needed to construct the solar facility and may include, but is not limited to: small cranes, low ground pressure (LGP) track mounted excavators, backhoes, LGP track bulldozers and dump trucks, front-end loaders, deep rippers, water trucks,

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COOPERATIVE SOLAR 2 – BLUEGRASS PLAINS, FAYETTE COUNTY, KENTUCKY

disc plows and tractors to restore subgrade conditions, and ancillary equipment. Standard dump trucks may be used to transport material removed from the site to disposal facilities and import clean fill and topsoil, if necessary.

4.0 DECOMMISSIONING COST ESTIMATE SUMMARY

Expenses associated with decommissioning the Project will be dependent on labor and equipment costs at the time of decommissioning. For the purposes of this report approximate 2026 market values were used to estimate labor expenses. Fluctuation and inflation of the labor costs were not factored into the estimates.

The value of the individual components of the solar facility will vary with time. In general, the highest component value would be expected at the time of construction with declining value over the life of the Project. Over most of the life of the Project, components such as the solar modules could be sold in the wholesale market for reuse or refurbishment. As efficiency and power production of the modules decrease due to aging and/or weathering, the resale value will decline accordingly. Secondary markets for used solar components include other utility scale solar facilities with similar designs that may require replacement equipment due to damage or normal wear over time; or other buyers (e.g., developers, consumers) that are willing to accept a slightly lower power output in return for a significantly lower price point when compared to new equipment.

4.1 DECOMMISSIONING EXPENSES

During decommissioning, the Project will incur costs associated with disposal of components not sold for salvage, including materials which will be disposed of at a licensed facility, as required. Decommissioning costs also include backfilling, grading, and restoration of the proposed Project site as described in Sections 2.0 and 3.0. Table 3 summarizes the estimated costs for activities associated with the major components of the Project.

Table 3 Estimated Decommissioning Expenses

Activity	Unit	Number	Cost per Unit	Total
Overhead and management (includes estimated permitting required)	Lump Sum	1	\$161,800	\$161,800
Solar modules; disassembly and removal	Each	79,596	\$5.45	\$433,798
Tracking system disassembly and removal	Each	983	\$640	\$629,120
Steel pile/posts (trackers)	Each	11,796	\$13.00	\$153,348
Inverters	Each	10	\$1,980	\$19,800
Transformers	Each	10	\$1,100	\$11,000
Auxiliary Transformers	Each	10	\$1,440	\$14,400
Steel piles/posts (inverter/transformer/auxiliary transformer stations)	Each	120	\$54.90	\$6,588
Below ground electrical cable and conduit	Linear Feet	45,500	\$0.95	\$43,225

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COOPERATIVE SOLAR 2 – BLUEGRASS PLAINS, FAYETTE COUNTY, KENTUCKY

Activity	Unit	Number	Cost per Unit	Total
Access road excavation and removal	Lump Sum	1	\$87,800	\$87,800
Perimeter fence removal	Linear Feet	20,800	\$3.10	\$64,480
Topsoil replacement and rehabilitation of site	Lump Sum	1	\$154,250	\$154,250
Total Estimated Decommissioning Cost				\$1,779,609

4.2 POTENTIAL DECOMMISSIONING REVENUES

Revenue from decommissioning the Project will be realized through the sale of the facility components and construction materials. As previously described, the value of the decommissioned components will be higher in the early stages of the Project and decline over time. Resale of components such as solar modules is expected to be greater than salvage (i.e., scrap) value for most of the life of the Project, as described below. For the purposes of this Plan, only estimated salvage values were considered in net revenue calculations, as this is the more conservative estimate strategy.

Modules and other solar facility components can be sold within a secondary market for re-use. A current sampling of reused solar modules indicates a wide range of pricing depending on age and condition (\$0.10 to \$0.30 per watt). Future pricing of solar modules is difficult to predict at this time, due to the relatively young age of the market, changes to solar panel technology, and the ever-increasing product demand. A conservative estimation of the value of solar modules at \$0.10 per watt would yield approximately \$5,000,000. Increased costs of removal, when preparing for resale versus salvage, would be expected in order to preserve the integrity of the modules; however, the net revenue would be substantially higher than the estimated salvage value, thus offsetting higher removal cost.

The resale value of components such as the module trackers may decline more quickly; however, the salvage value of the steel that makes up a large portion of the trackers is expected to stay at or above the value used in this report.

The market value of steel and other materials fluctuates daily and has varied widely over the past five years. Salvage value estimates were based on an approximate five-year-average price of steel and copper derived from sources including on-line recycling companies and United States Geological Survey (USGS) commodity summaries. The price used to value the steel used in this report is \$283 per metric ton; aluminum at \$0.45 per pound; silicon at \$0.40 per pound; and glass at \$0.05 per pound.

The main material of the tracking system and piles is assumed to be salvageable steel. The main components of the solar modules are glass and silicon with aluminum framing. A 50 percent recovery rate was assumed for all module components, due to the processing required to separate the module components. Alternative and more efficient methods of recycling solar modules are anticipated before this Project is decommissioned, given the large number of solar facilities that are currently being developed. Table 4 summarizes the potential salvage value for the solar array components and construction materials.

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COOPERATIVE SOLAR 2 – BLUEGRASS PLAINS, FAYETTE COUNTY, KENTUCKY

Table 4 Estimated Decommissioning Revenues

Item	Unit of Measurement	Quantity per Unit	Salvage Price per Unit	Total Salvage Price per Item	Number of Items	Total
Modules - Silicon	Pounds per Module	1.8	\$0.40	\$0.720	79,596	\$57,308
Modules - Aluminum	Pounds per Module	2.9	\$0.45	\$1.305	79,596	\$103,872
Modules - Glass	Pounds per Module	27.1	\$0.05	\$1.355	79,596	\$107,852
Tracking System and Posts	Metric tons per MW _[DC]	32.0	\$283	\$9,056	50.0	\$452,800
Total Potential Revenue (considering salvage values)						\$721,832

* Revenue based on salvage value only. Revenue from used modules at \$0.10 per watt could raise \$5,000,000 as resale versus the estimated salvage revenue.

4.3 DECOMMISSIONING COST SUMMARY

Table 5 provides a summary of the net estimated cost to decommission the Project, using the information detailed in Sections 4.1. Estimates are based on 2026 prices, with no market fluctuations or inflation considered.

Table 5 Net Decommissioning Cost Summary

Item	(Cost)/Revenue
Gross Decommissioning Expenses	(1,779,609)
Potential Revenue – salvage value of module components and recoverable materials	\$721,832
Net Decommissioning (Cost)/Revenue	(\$1,057,777)

Figure 1 Project Layout





EMERGENCY PROCEDURES:

Fayette County Solar Facility

This document describes contingencies and emergency planning procedures to be implemented at the site. Meetings or other communication with the local hospital, rescue squad, hazardous materials unit and fire department will occur to advise the emergency response representatives of the nature and type of contaminants victims may have been exposed to while on site. Directions to the hospital will be posted on site when this SSHASP is in effect. Emergency procedures will be posted and covered in daily site briefings.

10.1 EMERGENCY PLANNING

The Site Manager/HSO will ensure that the appropriate lines of communication have been established with local hospitals, government agencies and other emergency response organizations prior to site activities. During the site briefings held, all employees will be reminded of provisions of the emergency response plan, communication systems, and evacuation routes.

10.2 EMERGENCY EQUIPMENT & FACILITIES

The following emergency equipment will always be available:

- **First Aid Kit, AED, and Medic/Trauma Jump Bag**
- Fire extinguishers near areas of welding and torch burning, outside flammable liquid storage areas, and near the entrance to the Exclusion Zone.
- Portable eye wash stations periodically throughout the site (all locations are reviewed at initial Health and Safety briefing)
- Potable water garden hose
- Mobile phone and/or two-way radio
- Spill kit(s) and/or absorbents
- Generally emergency equipment will be stored in the contamination reduction zone. If during the period of operation, the decontamination area should be located at such a distance from the work that, in the opinion of the HSO, it is not feasible to



store the emergency equipment at the location, a mobile unit, such as a pickup truck will be employed as the temporary location.

- Emergency Air Horns will be stationed at the main office/trailer and at every Fire Extinguisher post location on site.

10.3 PERSONNEL ROLES AND LINES OF AUTHORITY

The SM and HSO have primary responsibility for implementing NARENCO emergency procedures in the event of emergencies. This includes taking appropriate measures to ensure the safety of site personnel and the public. Possible actions may involve evacuation of adjacent personnel. Additionally, they are responsible for ensuring that corrective measures have been implemented, appropriate authorities notified, and follow-up reports completed.

NARENCO shall ensure First Aid / CPR / AED trained personnel can respond promptly (i.e., 3-4 minutes) in areas where serious, life-threatening injuries or illnesses (e.g., suffocation, severe bleeding, falls, electrocution, or amputation) are possible and/or reasonably anticipated to avoid permanent medical impairment or death.

10.4 EVACUATION PROCEDURES

If an employee, foreman or Site Manager discovers a fire, chemical spill or release; or other process upset necessitating emergency action including severe/inclement weather, work emergency including heavy equipment, confined space, fall from heights, electrical shock, or external threat including terroristic threats, he or she will immediately notify the NARENCO's Site Manager and all NARENCO Subcontractor Management Team representatives. An immediate decision will be made as to whether to evacuate the area or other actions to be taken. They are primarily responsible for this decision.

The primary response to any emergency will be to call emergency services and to protect the health and safety of employees, contractors, and visitors on-site, as well as the community and environment. Steps will be taken to identify, contain, treat, and properly dispose of the materials involved as a secondary response. The Site Manager and/or Health and Safety Manager(s) will maintain on file the North American DOT 2016 Emergency Response Guidebook information and relevant health and safety data relating to the identified substances on the site. In the event of an emergency, which necessitates an



evacuation of the site, the following alarm procedures will be implemented (See Attachment 5):

10.4.1 SEVERE INCLEMENT WEATHER THREAT

- HSO and SM to monitor weather and potential severe weather via NOAA or similar service the week/day before and each morning prior to work.
- HSO to monitor potentially severe weather throughout the day, every day via OSHA Smartphone App or via NOAA.
- Should severe weather be a potential during the workday, face to face communication will take place via morning Pre-Job Briefs, Morning Break, Lunchtime and/or Afternoon Break. Additionally, the HSO will maintain communication with the subcontractor Supers/Foremen via cell phone calls or text throughout the day.
- Should severe weather be imminent (within one to two hours and/or within 10 miles away), I suggest an initial alert (e.g., 1-2 horn blasts) when an approaching storm with lightning is 20-15 miles away. Also, personnel should be inside a shelter before a storm is 10-8 miles away.

Depending on the size of the site, there might not be enough time to evacuate when signaling that the storm is 10 miles away. Should lightning strikes be monitored within TEN MILES of the work site (via the OSHA App), the Site Evacuation Procedure will be implemented.

- Once the site has been evacuated due to Severe Inclement Weather, the HSO and SM will monitor the status via OSHA App or NOAA to determine if/when a return to work can occur.
- Should lightning be monitored within TEN miles away or observed, the Alert System Procedure will be implemented, and the site will be evacuated, and workers sent to their cars for a minimum of 30 minutes until no additional lightning is seen continuously for 30 minutes. If/When lightning is seen within the 30 Minute Wait period, the clock will start again, and a full 30-minute wait will occur before returning to work.
- Reserved for HURRICANE NOTIFICATION PROCEDURE.

10.4.2 FIRE/CHEMICAL SPILL-RELEASE PROCEDURE



Should a fire or chemical spill/release be detected, the detecting employee will notify the SM or HSO IMMEDIATELY via phone call or direct communication.

The immediate group will immediately determine if the event can be handled by the project team (via fire extinguisher or local spill containment procedures).

If the project team cannot handle the event from within, the SM or HSO will call 911.

Should 911 have to be called, the SM or HSO will activate the Alerting System (Attachment 5 and 11.4.X below), the Site Evacuation Procedure executed, and the Owner notified immediately.

HSO, SM or designee to stage at site entrance to communicate with emergency response to direct to incident.

10.4.3 EMPLOYEE DOWN/CONSTRUCTION EMERGENCY/INJURY

Should an emergency occur where an employee is severely injured, goes down due to injury or illness, the detecting employee will notify the SM or HSO IMMEDIATELY via phone call or direct communication.

The detecting employee or SM OR HSO will call 911 for an ambulance IMMEDIATELY.

Once 911 have is called, the SM or HSO will activate the Alerting System (Attachment 5 and 11.4.X below), the Site Evacuation Procedure executed, and the Owner notified immediately.

Designees will always stay with the injured employee, keeping the employee warm, reducing effects of shock, clearing the area for emergency response vehicles to access.

HSO, SM or designee to stage at site entrance to communicate with emergency response to direct to incident.

10.4.4 TERRORIST OR OTHER OUTSIDE THREATS

Should a terrorist or other outside threat be made known to the project team, the informed employee will notify the SM or HSO IMMEDIATELY via phone call or direct communication.



The informed employee or SM or HSO will call 911 for emergency response IMMEDIATELY.

Info to 911 should include: Nature of the threat, Time of the threat, Location of the threat, Status of the site.

Once 911 have is called, the SM or HSO will activate the Alerting System (Attachment 5 and 11.4.X below), **the Site Evacuation Procedure executed, and the Owner notified.**

Employees will report to the project muster point for attendance accounting.

10.4.5 ALERTING SYSTEM

Three Short Horn sounds will signal site emergency evacuation.

All workers shall proceed directly to Emergency Meeting/Muster Point.

Foreman shall ensure all workers have evacuated properly. **This will be done by sounding Three Short Horn sounds, meeting at the Pre-Determined Muster Point, and checking that all personnel are accounted for against the daily sign-in sheet.**

Only trained emergency personnel shall enter during emergency conditions.

Workers shall enter site only after ALL CLEAR SIGNAL (ONE LONG HORN BURST) and a debrief meeting is called by site 'HSO'.

When notified to evacuate, all personnel will be expected to proceed to the closest exit with their buddy, and report immediately to the rally/assembly point.

The rally/assembly point location will be discussed at the initial Site Briefing and shall be conspicuously posted in the office trailers. Personnel will remain in that area until the SM or HSO provides further instructions.

In general, employees should proceed to a designated meeting location that is upwind and uphill from the site or location of the incident, unless otherwise instructed by supervisory personnel.

10.4.6 EMERGENCY CONTACTS & NOTIFICATION SYSTEMS

The following table provides names and telephone numbers for emergency contact personnel. It will be posted in the support zone where the nearest phones are located. In



the event of any emergency Services will be notified so the appropriate response personnel can be activated.

Organization / Responsibility	Contact	Telephone
EMS	Lexington Fire Department 3191 Maple Leaf Drive Lexington, KY 40509	911 or (859) 231-5600
Police	Lexington Police Dept. East Sector 4385 Clearwater Way Lexington, KY 40515	911 or (859) 258-3600
Fire	Lexington Fire Dept. Station 21 3191 Maple Leaf Drive Lexington, KY 40509	911 or (859) 231-5600
HazMat / Spills	Lexington FD Station 2 1276 Eastland Drive Lexington, KY 40509	911 or (859) 231-5600
Hospital (see Attachment 4)	Clark Regional Medical Center 175 Hospital Drive Winchester, KY 40391	911 or (859) 745-3500
Urgent Care	Baptist Health Hamburg 3000 Baptist Health Blvd. Lexington, KY 40509	(859) 422-9600



Fayette County Soil and Water Conservation District	141 Leestown Center Way Lexington, KY 40511	(859) 202-1811
Poison Control Center		1-800-222-1222
National Response Center	EPA, Coast Guard	(800) 424-8802
Center for Disease Control		(800) 232-4636
CHEMTREC		(800) 424-9300
Kentucky EPA EMERGENCY	Region 4 – Atlanta, GA	(800) 241-1754
Department of Health – Fayette County	650 Newtown Pike Lexington, KY 40508	(859) 252-2371
NARENCO Project Manager	Burke Cathey burke.cathey@narenco.com	O- C- 704-222-1305
NARENCO Site Supervisor	Latasha Mallard Latasha.mallard@narenco.com	O - C – 229-343-7202
Narenco Corporate Safety	Steve Strokis steve.strokis@narenco.com	O – C –803-207-3242
Bluegrass Plains Site Safety		O – C –

10.5 ACCIDENT AND ILLNESS REPORTS

The NARENCO Project Manager (**Burke Cathey**) and the Site Managers will be notified within 30 minutes of any spill, crime, vandalism, evacuation or personal or property damage to any site worker or the public. Notification will be confirmed by direct contact, not voice mail.

As soon as first aid and/or emergency response needs have been met, the following parties are to be contacted within 30 minutes (positive contact—no voice mail) by telephone:

Burke Cathey, NARENCO Project

Manager Cell: 704-222-1305

Before shift's end, NARENCO shall provide to the Owner a written one-page summary of the incident including the date and time of the event, name of affected worker(s), event description, and available details.



Written confirmation of verbal reports is to be submitted within 24 hours. The NARENCO PM is to receive all forms (See Attachment 6). If the employee involved is not a NARENCO employee, his employer shall receive a copy of the report.

For reporting purposes, the term accident/incident refers to fatalities, injuries of any type, chemical spill, or exposure to hazardous materials (radioactive materials, toxic materials, explosive or flammable materials, petroleum products), fire, explosion, property damage, any Near Miss or potential occurrence of the above.

Any information released from the health care provider, which is not deemed confidential patient information, is to be attached to the appropriate form. Any medical information which is released by patient consent, is to be filed in the individual's medical record and treated as confidential.

10.6 EMERGENCY MEDICAL TREATMENT

Any person who becomes ill or injured in the Exclusion Zone must be decontaminated to the maximum extent practicable. If the injury or illness is minor, full decontamination should be completed and first aid administered prior to transport. If the patient's condition is life threatening, at least partial decontamination should be completed (i.e., complete disrobing of the victim and redressing in clean coveralls or wrapping in a blanket). Notify Emergency Services for medical aid.

First aid should be administered while awaiting an ambulance or paramedics. All injuries and illnesses must be immediately reported to the NARENCO Site Manager (SM) and/or HSO.

Any person being transported to a clinic or hospital for treatment will take with them information on any chemical(s) they have been exposed to at the site.

10.6.1 TRANSPORT OF EMPLOYEES REQUIRING MEDICAL TREATMENT

- EXCEPT FOR MEDICAL EMERGENCY WHERE AN AMBULANCE IS REQUIRED, NARENCO HSO SHALL TRANSPORT WORK-RELATED INJURED OR ILL EMPLOYEES TO AND FROM MEDICAL FACILITIES INITIALLY AND REMAIN WITH THE INJURED OR ILL EMPLOYEE THROUGHOUT THIS PERIOD.



- IF OFF-SITE MEDICAL TREATMENT IS REQUIRED, NARENCO SHALL APPOINT THE HSO TO ACCOMPANY THE INJURED EMPLOYEE TO THE OFF-SITE MEDICAL PROVIDER.
- AT LEAST ONE PERSON SHALL BE AVAILABLE AT THE WORK SITE AT ALL TIMES TO RENDER FIRST AID/CPR. THIS PERSON MUST HAVE A VALID CERTIFICATE IN FIRST AID / CPR TRAINING. A MINIMUM RATIO OF ONE SUCH QUALIFIED PERSON FOR EVERY 50 EMPLOYEES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.

10.6.2 DIRECTIONS TO THE HOSPITAL

A map with directions to the nearest hospital is displayed in Attachment 4. Color copies of the map will be posted in the trailer. The HSO will drive the hospital route before field activities begin to verify that the route is acceptable and unobstructed by other construction activities.

Date Driven:_____ Signed by:_____

10.7 FIRE & EXPLOSION PROCEDURES

In the event of a fire or explosion, the Emergency Services should be summoned immediately. Upon their arrival, the SM, HSO, or designated alternate will advise the fire commander of the location, nature, and identification of the hazardous materials on-site.

ONLY - IF IT IS SAFE TO DO SO, site personnel may:

1. Use firefighting equipment available on site to control or extinguish the fire; and
2. Remove or isolate flammable or other hazardous materials, which may contribute to the fire.

10.8 SPILL & LEAK PROCEDURES

In the event of a spill or leak that may enter any non-process pipeline or otherwise contaminate the environment, site personnel will:



1. Inform Site Manager (SM or HSO) immediately.
2. Terminate work activities (at the discretion of the SM or HSO)
3. Prevent contamination.
4. Follow site emergency notification and evacuation procedures, when necessary.
5. Locate the source of the spillage and stop the flow if it can be done safely.
6. Begin containment and recovery of the spilled materials if it can be done safely.

If the spill or release is expected to pose significant hazards or is beyond the capabilities of the immediate personnel, then the PM or HSO will be contacted immediately. When contacted, the PM or HSO will obtain and assess the following information:

1. The material spilled or released.
2. Location of the release or spill
3. An estimate of the quantity released and the rate at which it is being released.
4. Any injuries involved.
5. Fire and/or explosion or possibility of these events occurring.
6. The area and materials involved in the location of the fire or explosion.

In the event of a chemical spill that is not contained within a dike or bermed area, an area of isolation will be established around the spill. The size of the area will generally be dependent on the size of the spill and the material(s) involved. When any spill occurs, only those persons involved in the oversight or performance of the emergency cleanup operations will be allowed within the designated hazard area. If possible, this area will be roped or otherwise blocked off.

Any spill or release related to the Owner's site, which causes a film or sheen upon or discoloration of the surface of the water or adjoining shorelines or causes a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines, is reportable to the governing regulatory agency.

EPA guidance indicates that a spill reported within 15 minutes is deemed to be reported "immediately." Therefore, every effort should be made to report within 15 minutes any fuel / oil or chemical spill to surface water, soil within

100 feet of water (i.e., "Waters of the United States"), or releases >25 gallons to the Owner's onsite EHS Professional or facility designee.



Notification of spills or releases, which are reportable to a regulatory agency, shall be made by the Owner. In other words, the Owner shall contact the regulatory agency and provide notification to the appropriate governing bodies of the reportable spill or release. Therefore, it is essential all spills and releases, regardless of size and location, be immediately reported to the Owner.

If an incident may threaten the health or safety of the surrounding community, the public will be informed and possibly evacuated from the area. **Narenco will inform the proper agencies if this is necessary.**

If the control and cleanup of the spill or release is within the capabilities of on-site personnel and the release does not migrate beyond the perimeter of the site, **Narenco Corporate Safety will make the determination regarding reporting requirements and site clean-up.**

10.9 INCIDENT FOLLOW-UP AND CRITIQUE

Following all emergency response actions and activation of this plan, the Project Superintendent will conduct a debriefing session of all key personnel involved. The response will be critiqued, documented, and response plans revised, if necessary, corrective actions will be listed where procedures were inadequate or need improvement. Responsible persons will be listed and held accountable for follow-up. In addition, NARENCO emergency procedures will be followed.

In the event of a serious incident, the incident scene shall not be disturbed until released by the Owner, except for circumstances where “imminent danger” is observed.