

PV System Coordination Study

Performed for the Proposed Commercial PV Solar Project at

[REDACTED]

Located in [REDACTED]

Prepared for

[REDACTED]

[REDACTED]

[REDACTED]

Project: [REDACTED]

Attn: [REDACTED]

Subject: PV System Coordination Study v2

Project Address: [REDACTED]

The following report will take into consideration the effect of adding a new PV system to the service at the address above, pursuant to the following scope:

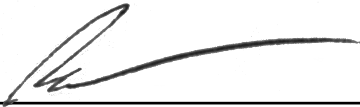
- Coordination Study for PV equipment, any customer equipment that was modified, and coordination between PV system and the existing electrical system

Please reference the attached reports as provided:

Appendix A: Coordination Study

We hope this provides the information you require. If you have any questions regarding the contents of our report, or if we can be of further assistance, please contact us.

Respectfully submitted,



Richard Dobbins, PE

Appendix A

Coordination Study

The new overcurrent devices that are being installed as a part of the new PV system have been coordinated to improve their efficacy and response to a short-circuit in the system. Below are the coordination settings as determined from our study:

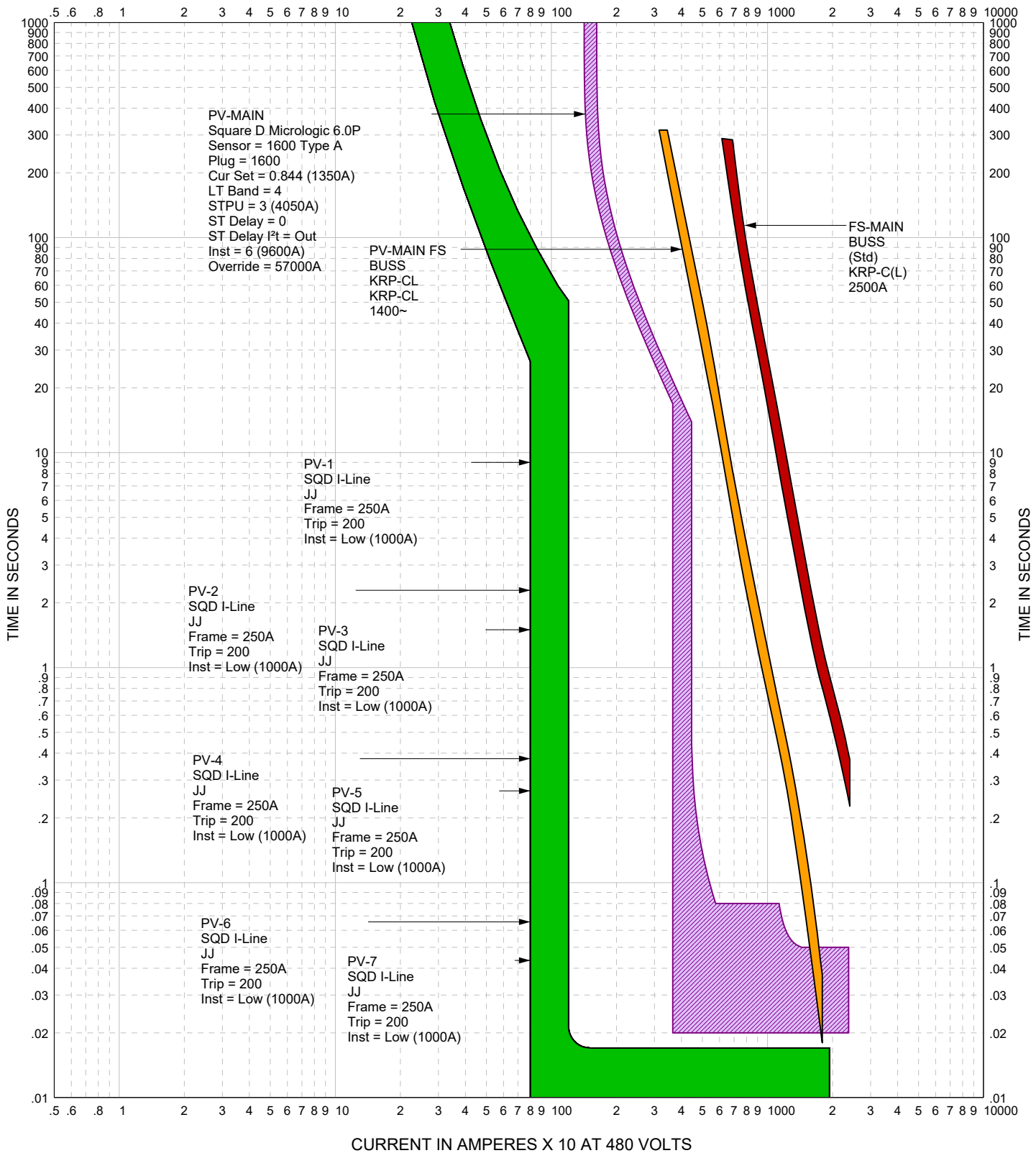
ID	Solid State Trip Breaker Specifications					LTPU		LT Delay	
	Manufacturer	Type	Style	Frame/Sensor	tap/plug	Name	Trip (A)	Name	Band
PV MAIN	Square D	Micrologic 6.0P	MCCB	1600 Type A	1600	LT Pickup	1350 (0.844)	LT Delay	4

ID	STPU					Instantaneous			Ground Trip			
	Name	Setting	Trip (A)	Band	I2t	Setting	Override	Trip (A)	Pickup	Trip (A)	Delay	I2t
PV MAIN	ST Pickup	3	4320	0	Out	6	Pickup	9600	A	500	0.1	Out

ID	Thermal Magnetic Breaker					Instantaneous	
	Manufacturer	Type	Style	Frame	Trip	Setting	Trip (A)
PV-1	SQD	I-Line	JJ	250A	200	5	1000
PV-2	SQD	I-Line	JJ	250A	200	5	1000
PV-3	SQD	I-Line	JJ	250A	200	5	1000
PV-4	SQD	I-Line	JJ	250A	200	5	1000
PV-5	SQD	I-Line	JJ	250A	200	5	1000
PV-6	SQD	I-Line	JJ	250A	200	5	1000
PV-7	SQD	I-Line	JJ	250A	200	5	1000
XFMR PRI BR	(Generic)	Std	50AF	50A	15	Fixed	
XFMR SEC BR	(Generic)	Std	50AF	50A	15	Fixed	

The time-current curves with all relevant overcurrent devices and their settings can be found on the following pages:

CURRENT IN AMPERES X 10 AT 480 VOLTS



CURRENT IN AMPERES X 10 AT 240 VOLTS

