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April 13, 2015

Reply To: Yadira I. Flores  
Direct Dial: 416.365.3744  
E-mail: yflores@foglers.com  
Our File No. 126270

**VIA REGULAR COURIER AND  
E-MAIL: boardsec@ontarioenergyboard.ca and Martine.Band@ontarioenergyboard.ca**

Ontario Energy Board  
2300 Yonge Street  
P.O. Box 2319  
Suite 2700  
Toronto, ON M4P 1E4

**Attention: Kirsten Walli,  
Board Secretary**

Dear Ms. Walli:

**Re: 2225228 Ontario Inc., Notice of Proposal under Section 81 of the *Ontario Energy Board Act, 1998***

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We are counsel 2225228 Ontario Inc. (the “**Applicant**”). Please find enclosed a Notice of Proposal under Section 81 of the *Ontario Energy Board Act, 1998* (the “**Notice**”). As per the Applicant's discussions with the OEB regarding this notice, we kindly request that the OEB provide the Applicant with an expedited letter of "no review" at its earliest convenience.

Please direct all communications regarding the Notice to both the Applicant at the address provided in the Notice and to counsel at the address provided above.

Please do not hesitate to contact the undersigned with any questions regarding the foregoing.

Yours truly,

**FOGLER, RUBINOFF LLP**

Yadira I. Flores  
YIF/rj  
Encls.

cc: Martine Band

**Ontario Energy Board**

**Preliminary Filing Requirements  
For a Notice of Proposal under Sections 80 and 81  
Of the Ontario Energy Board Act, 1998**

**INSTRUCTIONS:**

This form applies to all applicants who are providing a Notice of Proposal to the Ontario Energy Board (the "**Board**") under sections 80 and 81 of the *Ontario Energy Board Act, 1998* (the "**Act**"), including parties who are also, as part of the same transaction or project, applying for other orders of the Board such as orders under sections 86 and 92 of the Act.

The Board has established this form under section 13 of the Act. Please note that the Board may require information that is additional or supplementary to the information filed in this form and that the filing of the form does not preclude the applicant from filing additional or supplementary information.

**PART I: GENERAL MINIMUM FILING REQUIREMENTS**

All applicants must complete and file the information requested in Part I.

**1.1 Identification of the Parties**

**1.1.1 Applicant**

Name of Applicant  2225228 Ontario Inc.	File No: (Board Use Only)	
Address of Head Office  545 Speedvale Ave. W., Guelph, Ontario, N1K 1E6	Telephone Number  1-519-837-1881	
	Facsimile Number  1519-837-2550	
	E-mail Address  ken.rowbotham@canadiansolar.com	
Name of Individual to Contact  Ken Rowbotham, Director of Projects and Structured Finance	Telephone Number  Same as Above	
	Facsimile Number  Same as Above	
	E-mail Address  Same as Above	

**1.1.2 Other Parties to the Transaction or Project**

*If more than one attach list*

Name of Other Party N/A	Board Use Only	
Address of Head Office	Telephone Number	
	Facsimile Number	
	E-mail Address	
Name of Individual to Contact	Telephone Number	
	Facsimile Number	
	E-mail Address	

## 1.2 Relationship between Parties to the Transaction or Project

1.2.1	<p>Attach a list of the officers, directors and shareholders of each of the parties to the proposed transaction or project.</p> <p>2225228 Ontario Inc. (the "<b>Applicant</b>") is a direct subsidiary of Canadian Solar Solutions Inc..</p> <p>The following are the Officers, Directors and Shareholders of the Applicant:</p> <p><b>OFFICERS:</b>  Barr, Brian  1833 Juno Avenue, Ottawa, Ontario, Canada K1H 6S6  Title: Vice-President  Date Appointed: November 25, 2009</p> <p>Rowbotham, Ken  545 Speedvale Avenue West, Guelph, Ontario, N1K 1E6  Title: Director, Projects and Structured Financing  Date Appointed: July 15, 2012</p> <p>Marner, John  545 Speedvale Avenue West, Guelph, Ontario, N1K 1E6  Title: Secretary  Date Appointed: July 15, 2012</p> <p>Parkin, Colin  256 Bismark Drive, Cambridge, Ontario, N1F 5C2  Title: General Manager  Date Appointed: July 15, 2012</p> <p><b>DIRECTORS:</b>  Rowbotham, Ken  545 Speedvale Avenue West, Guelph, Ontario, N1K 1E6  Title: Director, Projects and Structured Financing  Date Appointed: July 15, 2012</p> <p>Parkin, Colin  256 Bismark Drive, Cambridge, Ontario, N1F 5C2  Title: General Manager  Date Appointed: July 15, 2012</p> <p><b>SHAREHOLDERS</b>  See the attached organizational chart (Attachment 1) for the % distribution of the shares of each of the affiliates.</p>	
1.2.2	<p>Attach a corporate chart describing the relationship between each of the parties to the proposed transaction or project and each of their respective affiliates.</p> <p>See Attachment 1.</p>	

### 1.3 Description of the Businesses of Each of the Parties

1.3.1	<p>Attach a description of the business of each of the parties to the proposed transaction or project, including each of their affiliates licenced under the OEB Act to operate in Ontario for the generation, transmission, distribution, wholesaling or retailing of electricity or providing goods and services to companies licenced under the OEB Act in Ontario ("Electricity Sector Affiliates").</p> <p><b>Applicant</b> As described in section 1.2.1. The Applicant is a subsidiary of Canadian Solar Solutions Inc. ("<b>Canadian Solar</b>"). Canadian Solar is one of the world's largest solar companies.</p> <p>The Applicant is the project owner of a 10 MW solar facility which applied for an electricity generation Licence on March 2, 2015. The Applicant's project is located in the township of Alfred and Plantagenet, Ontario.</p> <p>The Applicant has a FIT Contract in place with the Ontario Power Authority ("<b>OPA</b>") for its project. The expected generation/year (MWh) for the Applicant is 17,625.</p> <p>Please refer to Attachments 1 and 2 for further information on the Applicant's project.</p> <p><b>Affiliates</b> Please see the Attachments 1 and 2 for information on each of the affiliates of the Applicant.. Please note that only the LPs are affiliates that are licensed or that will be licensed under the OEB Act to generate electricity in Ontario, and that all such affiliates also have FIT Contracts with the OPA.</p>	
1.3.2	<p>Attach a description of the geographic territory served by each of the parties to the proposed transaction or project, including each of their Electricity Sector Affiliates, if applicable, and the geographic location of all existing generation facilities.</p> <p><b>Applicant</b> Alfred Solar Park; Part Lot 17-18, Concession 6, Alfred, designated as Parts 1, 2, and 3 on Plan 46R7605; Together With R122786; Subject to AL17752; Alfred/Plantagenet PT N1/2 LT 16, Concession 6 Alfred; PT LT 17, Concession 6 Alfred, designated as Parts 4, 5, 6, 7, 8, 9, and 10 on Plan 46R7605; S/T an easement over Parts 7, 8, 9, and 10 on 46R7605 as in R5046; S/T an easement over Parts 5 and 9 on 46R7605 as in AL17824.</p> <p><b>Affiliates</b> See Attachment 2 for project locations of the affiliates' sites.</p>	
1.3.3	<p>Attach a breakdown of the annual sales (in C\$, and in MWh) as of the most recent fiscal year end of the existing generation output among the IESO Administered Markets ("IAM"), bilateral contracts, and local distribution companies.</p> <p>During the 2014 Fiscal Year, all projects were either under construction or not producing energy. Applicant– 0MWH, C\$0 Affiliates – 0MWH,C\$0Please note that all sales will be to the IESO (as the projects are constructed under FIT Contracts).</p>	

1.3.4	<p>Attach a list identifying all relevant Board licences and approvals held by the parties to the proposed transaction or project and each of their Electricity Sector Affiliates, and any applications currently before the Board, or forthcoming. Please include all Board file numbers.</p> <p><b>Applicant</b></p> <p>Applied for Licence on March 2, 2015.</p> <p><b>Affiliates</b></p> <p>See attachment 2.</p>	
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#### 1.4 Current Competitive Characteristics of the Market

1.4.1	<p>Describe the generation capacity (in MW), within the Province of Ontario, of the parties to the proposed transaction or project, including each of their respective Electricity Sector Affiliates, prior to the completion of the proposed transaction or project.</p> <p><b>Applicant</b></p> <p>The Applicant is a 10MW AC solar generation facility.</p> <p><b>Affiliates</b></p> <p>See Attachment 2 for the generation capacity of affiliates. Please note that the affiliates listed in 1.4.2 are the only affiliates that were in operation prior to the completion of the Applicant's project.</p>	
1.4.2	<p>Describe the generation market share based on actual MWh production as a percent of the Annual Primary Demand, within the Province of Ontario, of the parties to the proposed transaction or project, including each of their respective Electricity Sector Affiliates, prior to completion of the proposed transaction or project.</p> <p>Annual Primary Demand (2015 Forecast) = 138,800,000MWh  The Applicant –17,625MWh.  % of APD = 0.01270%</p> <p>The following Affiliates were in operation prior to the completion of the Applicant's project (see schedule 2 for information on % of APD):</p> <p>LunarLight LP – 10 MW AC  Illumination LP - 10 MW AC</p>	

## 1.5 Description of the Proposed Transaction or Project and Impact on Competition - General

1.5.1	<p>Attach a detailed description of the proposed transaction or project, including geographic locations of proposed new transmission or distribution systems, or new generation facilities.</p> <p>The Applicant's project is located on Prescott and Russell County Road 17 in Alfred, Ontario. The geographic location of the new distribution system will be on the project site. See attachment 3 – Project Layout.</p> <p>DC electricity generated from the panels @ 360V will be transmitted through wires connected to combiner boxes where a number of incoming wires from the racks will be combined into a single outgoing cable. From the combiner boxes, the DC current will be transmitted below ground to one of thirteen inverter units (enclosed) which will convert the DC electricity into AC electricity through one of 7 step-up Inverter Transformers 360V:27.6KV suitable for distribution to the project substation. The project uses 2 runs of 3 X 1c – 4/0 AWG, AL 28 kV underground cable (requires trenching) to transmit the electricity from the inverter MV Transformer Stations to the project Substation. See Attachment 3 – Project layout, showing the distribution lines and the connection to the Hydro One distribution system. Total length of the underground cabling is approximately 1,500m.</p> <p>The main step-up transformer located in the substation is a 7.5/10 MVA - 44 kV/27.6KV. From the substation, the electricity is conveyed on an overhead 44KV rated line comprised of poles and overhead 556 kcmil ACC conductor. Total length of the overhead line is approximately 260m.</p>	
1.5.2	<p>Describe the generation capacity (in MW), within the Province of Ontario, of the parties to the proposed transaction or project, including each of their respective Electricity Sector Affiliates, after the completion of the proposed transaction or project.</p> <p>The project is a 10 MW AC capacity Solar Powered Generation Facility. Please see attachment 2 for the affiliates.</p> <p>The following affiliates will be in operation when the Applicant is in Operation:</p> <ul style="list-style-type: none"> <li>LunarLight LP – 10MW AC</li> <li>Illumination LP - 10 MW AC</li> <li>Aria LP – 9 MW AC</li> <li>BeamLight LP – 10 MW AC</li> <li>EarthLight LP – 10 MW AC</li> </ul>	
1.5.3	<p>Describe the generation market share based on anticipated MWh production as a percentage of the Annual Primary Demand, within the Province of Ontario, of the parties to the proposed transaction or project, including each of their respective Electricity Sector Affiliates, after the completion of the proposed transaction or project.</p> <p>See Attachment 2 for both Applicant information and its affiliates. See also description in section 1.3.1.</p>	

1.5.4	<p>Attach a short description of the impact, if any, of the proposed transaction or project on competition. If there will be no impact on competition, please state the reasons. Cite specifically the impacts of the proposal on customer choice regarding generation, energy wholesalers, and energy retailers.</p> <p>The proposed project will make use of available capacity on the Local Distribution Company controlled Distribution System will have no impact on competition. The Applicant will be supplying energy from the project pursuant to a power purchase agreement from the OPA. Moreover, the Applicant's project, including its collection system and distribution facilities will be paid for by the applicant and not by the ratepayers. The electricity generated by the project will flow directly to the Local Distribution Company controlled Distribution System who will manage any subsequent flow to the IESO-controlled grid and will not impact customer choice regarding generation, wholesalers or retailers.</p>	
1.5.5	<p>Provide confirmation that the proposed transaction or project will have no impact on open access to the transmission or distribution system of the parties or their affiliates. If open access will be affected explain how and why.</p> <p>Confirmed.</p>	

#### 1.6 Other Information

1.6.1	<p>Attach confirmation that the parties to the proposed transaction or project are in compliance with all licence and code requirements, and will continue to be in compliance after completion of the proposed transaction or project.</p> <p>The Applicant confirms that, to the best of its knowledge, it is in compliance with all licence and code requirements and that it will continue to be in compliance after completion of the proposed project.</p>	
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**PART II: SECTION 80 OF THE ACT—TRANSMITTERS AND DISTRIBUTORS ACQUIRING AN INTEREST IN GENERATORS OR CONSTRUCTING A GENERATION FACILITY**

All applicants filing a Notice of Proposal under section 80 of the Act must complete and file the information requested in Part II.

No application under section 80 required due to exemptions from section 80 notice requirements for transmitters and distributors in subsections 4.02(i)(d) and 4.01(i)(d), respectively, of Ontario Regulation 161/99.

**2.1 Effect on Competition**

2.1.2	Describe whether the proposed generation output will be primarily offered into the IAM, sold via bilateral contracts, or for own use.	
2.1.3	Provide a description of the generation including fuel source, technology used, maximum capacity output, typical number of hours of operation in a year, and peaking versus base-load character.	
2.1.4	Provide details on whether the generation facility is expected to sign a "must run" contract with the IESO.	
2.1.5	Provide details of whether the generation facility is expected to serve a "load pocket", or is likely to be "constrained on" due to transmission constraints.	

**2.2 System Reliability**

Section 2.2 must be completed by applicants who are claiming that the proposed transaction or project is required for system reliability under section 82(2)(b) of the Act.

2.2.1	Provide reasons why the proposal is required to maintain the reliability of the transmission or distribution system. Provide supporting studies.	
2.2.2	Discuss the effect of the proposal on the adequacy (ability of supply to meet demand) of supply in the relevant control area or distribution region, citing effects on capacity plus reserve levels in comparison to load forecasts.	
2.2.3	Discuss the effect of the proposal on the security (ability of supply to respond to system contingencies) of supply.	
2.2.4	Provide a copy of the IESO Preliminary System Impact Assessment Report, if completed, and the IESO Final System Impact Assessment Report, if completed. If the IESO is not conducting a System Impact Assessment Report, please explain.	

**PART III: SECTION 81 OF THE ACT—GENERATORS ACQUIRING AN INTEREST IN OR CONSTRUCTING A TRANSMISSION OR DISTRIBUTION SYSTEM**

All applicants filing a Notice of Proposal under section 81 of the Act must complete and file the information requested in Part III.

**3.1 Effect on Competition**

3.1.1	Provide a description of the transmission or distribution system being acquired or constructed.  Please see response to section 1.5.1 above.	
3.1.2	Provide details on whether the generation facilities owned by the acquiring company are or will be directly connected to the transmission or distribution system being acquired or constructed.  Please see response in section 1.5.1 above.	
3.1.3	Provide details of whether the generation facility is expected to serve a "load pocket", or is likely to be "constrained on" due to transmission constraints.  Under the FIT program there is no "constrained on" provision due to transmission constraints.	
3.1.4	Provide details on whether the generation facilities are expected to sign a "must run" contract with the IESO.  There is no requirement for "must run" contract as this is a FIT program connection with the OPA. The generation facilities are not expected to serve a load pocket.	

**How to Contact the Ontario Energy Board**

The Ontario Energy Board is located

at: P.O. Box 2319  
2300 Yonge Street, Suite 2701  
Toronto, Ontario  
M4P 1E4

Telephone:	416-481-1967
Toll Free Number:	1-888-632-6273
Fax:	416-440-7656
Website:	<a href="http://www.oeb.gov.on.ca">http://www.oeb.gov.on.ca</a>
Board Secretary's e-mail address:	<a href="mailto:boardsec@oeb.gov.on.ca">boardsec@oeb.gov.on.ca</a>

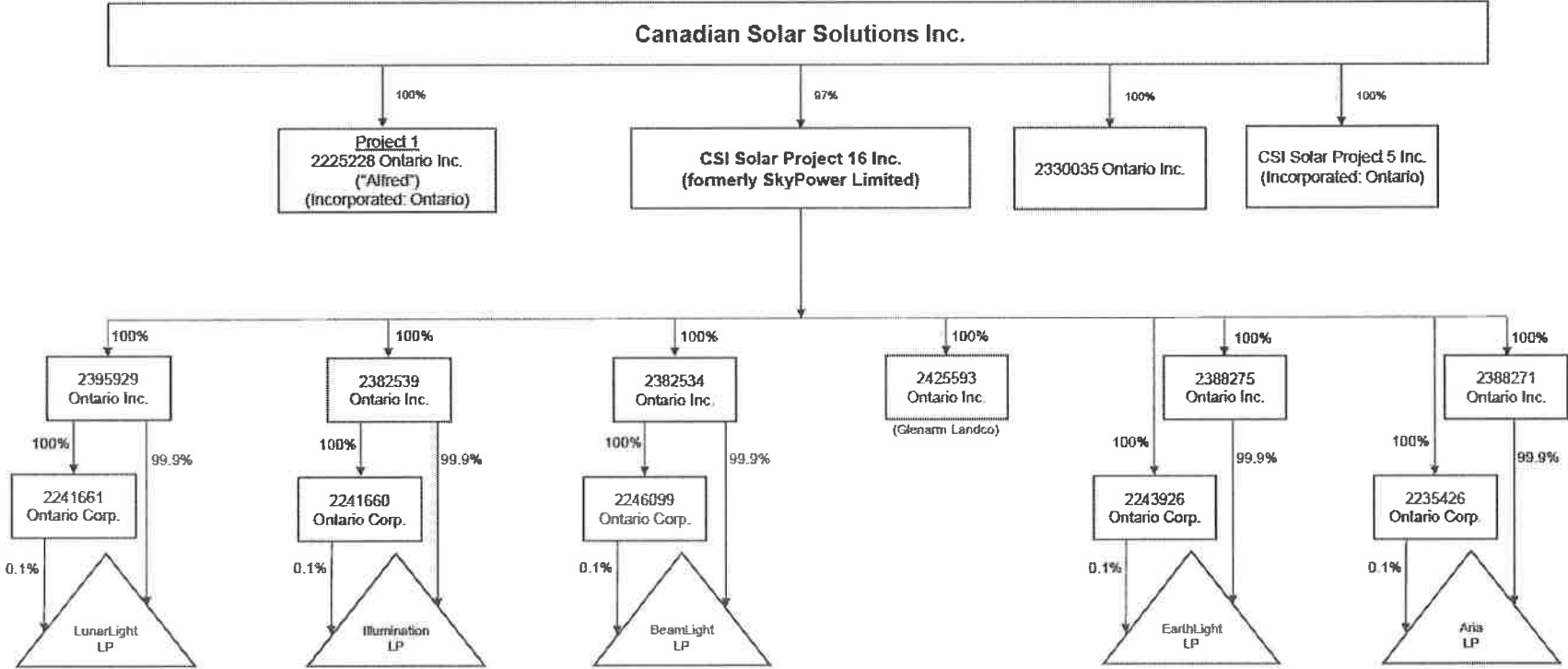
ATTACHMENT 1

ATTACHMENT 2

ATTACHMENT 3

ATTACHMENT 1

# Canadian Solar Solutions Inc. Organization Chart



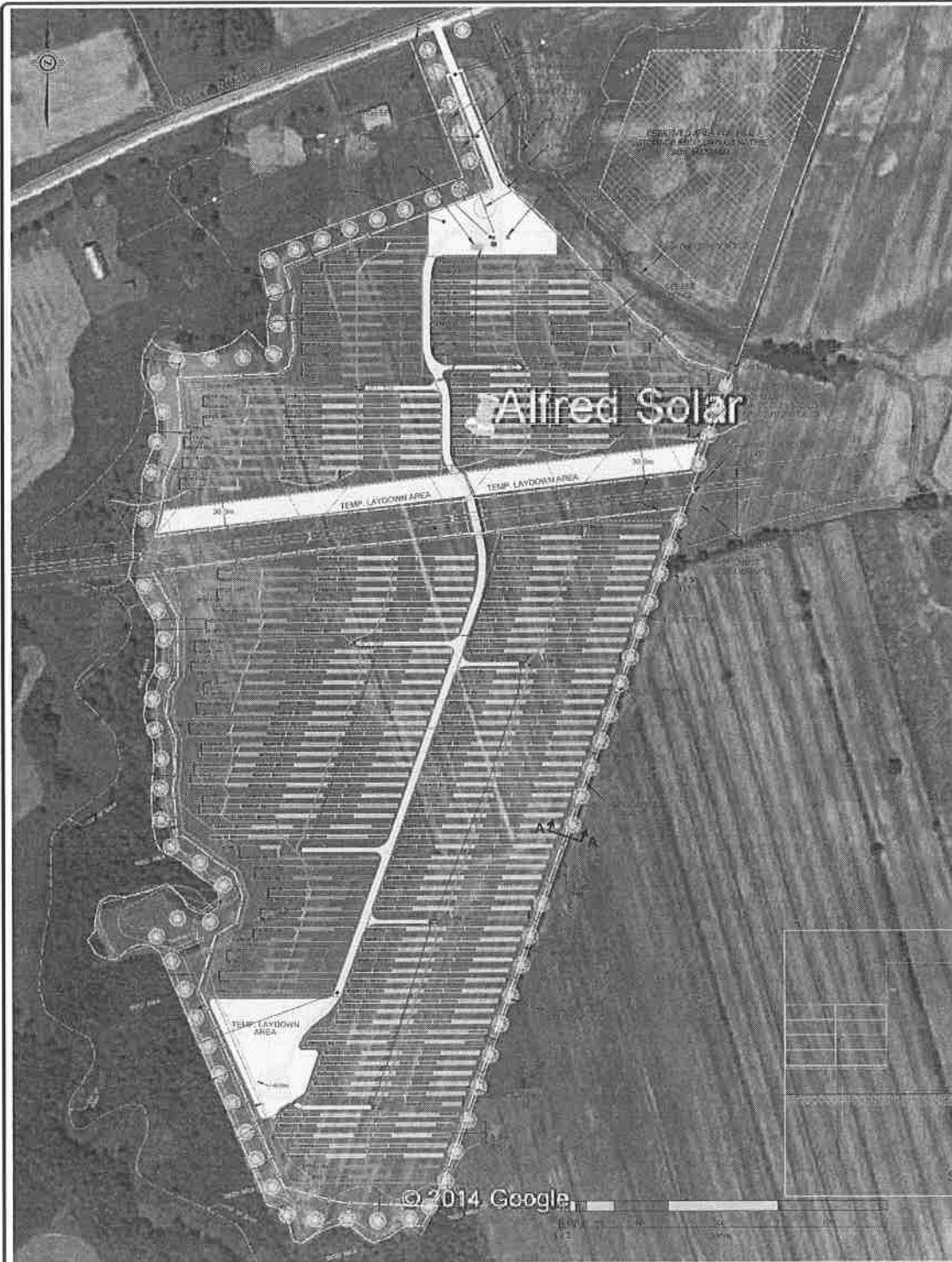
Note: Canadian Solar Solutions Inc. owns 80,000,000 Class A Preferred Shares and 80,000,000 Class B Preferred Shares in 2439451 Ontario Inc.

ATTACHMENT 2



Affiliate	MW AC	OEB Generator's Licence	Licence Date	Expected Generation/Year (MWh)	% of 2015 Forecast APD of ON	Location
LunarLight LP	10	EG-2014-0212	7/24/2014	16657	0.01200%	Part Lot 9-10 Concession 9 Thurlow as in QR342598 Except QR442901; Part Lot 2 & 4 21R10631; S/T QR124331, Belleville, County of Hastings, Ontario.
EarthLight LP	10	EG-2014-0320	12/4/2014	18742	0.01350%	Pt Lt 7 Con 2 Georgina as in R608887 save and except expropriation PLB56942B Lying E of B56942B S/T debts in R608887; S/T beneficiaries interest in R608488; Georgina, Ontario.
Aria LP	9	EG-2014-0248	9/4/2014	17214	0.01240%	PT LT 73 & 74 Concession 2 Formerly Township of Flos, now Township of Springwater County, County of Simcoe, Ontario.
BeamLight LP	10	EG-2014-0132	5/1/2014	17007	0.01225%	Pt. Lt. 7, Con. 2 Georgina; Pt. Lt. 8, Con. 2, Georgina; Pt. Lt. 9, Con. 2 Georgina, Pt.1 65R11118, Georgina, Ontario.
Illumination LP	10	EG-2013-0363	11/28/2013	16769	0.01208%	2580 and 2670 Regional Road 19, Scugog, Ontario
2225228 Ontario Inc.	10	Applied	Applied on March 2, 2015	17625	0.01270%	Alfred Solar Park; Part Lot 17-18, Concession 6, Alfred, designated as Parts 1, 2, and 3 on Plan 46R7605; Together With R122786; Subject to AL17752; Alfred/Plantagenet  PT N1/2 LT 16, Concession 6 Alfred; PT LT 17, Concession 6 Alfred, designated as Parts 4, 5, 6, 7, 8, 9, and 10 on Plan 46R7605; S/T an easement over Parts 7, 8, 9, and 10 on 46R7605 as in R5046; S/T an easement over Parts 5 and 9 on 46R7605 as in AL17824

ATTACHMENT 3



CONSTRUCTION PITCH: 9.50m  
28° TILT  
Alfred Solar



BLOCK	AC MW Inverter SMA 800CP Rating	PANEL Rating (W)	# of Modules	DC MW	Effective DC/AC Ratio	4 x 9 Landscape 2 Table Sets / 769kW Inverter	# Tables / 769kW Inverter	# Tables / Inv. Strn. (Block)
1A	0.769	310	3,492	1.0825	1.4077	48.5	97	196
1B	0.769	300	3,564	1.0692	1.3904	49.5	99	
2A	0.772	300	3,636	1.0908	1.4130	50.5	101	202
2B	0.769	300	3,636	1.0908	1.4185	50.5	101	
3A	0.769	300	3,636	1.0908	1.4185	50.5	101	202
3B	0.769	300	3,636	1.0908	1.4185	50.5	101	
4A	0.769	300	3,600	1.0800	1.4044	50	100	199
4B	0.769	300	3,564	1.0692	1.3904	49.5	99	
5A	0.769	300	3,600	1.0800	1.4044	50	100	200
5B	0.769	300	3,600	1.0800	1.4044	50	100	
6A	0.769	305	3,528	1.0760	1.3993	49	98	198
6B	0.769	300	3,600	1.0800	1.4044	50	100	
7A	0.769	305	3,564	1.0870	1.4136	49.5	99	99
<b>TOTAL</b>	<b>10.000</b>		<b>46,656</b>	<b>14.0672</b>	<b>1.4067</b>	<b>648</b>	<b>1296</b>	<b>1296</b>
Sub-Total		300 (W)						36,072
Sub-Total		305 (W)						7,092
Sub-Total		310 (W)						3,492

**PCL**  
CONSTRUCTION LEADERS  
TORONTO DISTRICT  
2085 Hurontario Street, Suite 400  
Mississauga, Ontario, L4S 4G1  
Phone: 905-276-7600



**LEGEND**  
4 x 9 PANELS (LANDSCAPE) PER TABLE,  
18 PV MODULE STRINGS (TYP)

4 TABLE SETS = ±143.428m  
3 TABLE SETS = ±107.456m  
2 TABLE SETS = ±71.564m  
1 TABLE SET = ±35.632m  
1/2 TABLE = ±17.856m



- PROPOSED FENCE
- AC TO SWITCHYARD
- DC TRENCH & DC COMBINERS
- PV WIRING IN CONDUIT TRENCH
- MW BLOCK OUTLINE
- PROPERTY BOUNDARY
- PROPOSED OH EXPORT LINE
- POWER/FIBRE OPTIC CABLE TO COMMUNICATION TOWER
- GRAVEL ROAD
- ☒ COMMUNICATION TOWER

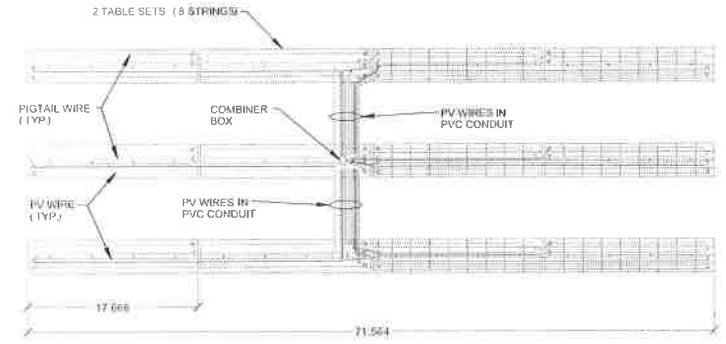
THIS DRAWING IS FOR THE SOLE USE OF ANY PCL OPERATING COMPANY, OR ANY PCL JOINT VENTURE COMPANY. IT IS NOT TO BE USED, ALTERED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE PCL FAMILY OF COMPANIES.

Rev.	By	Issue	Date	Description
8	AM	01/27/15		RELOCATED ENTRANCE GATE
7	AM	01/23/15		LOADING CURVE REVISED FOR DESIGN. SEE 1. TABLES REVERSED ALTERNATE PREV. SUBSTATION HOUSE LOCATION ACCEPTED
6	AM	01/20/15		HOUSE LOCATION ACCEPTED
5	AM	01/16/15		REVISED AS NOTED
4	AM	01/12/15		SITE TABLE LAYOUT REVISED
3	AM	12/19/14		REVISED AS NOTED
2	AM	12/10/14		POWERED AS PER CANADIAN SOLAR COMMAND CENTER & SEC. 51114. TABLE LAYOUT & MODULE SETS ALSO TABLES REVERSED.
1	AM	11/17/14		ISSUED FOR REVIEW
0	AM	09/22/14		ISSUED FOR REVIEW

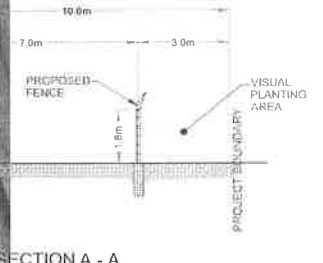
File Scale: AS SHOWN  
Drawn By: A.M.  
Checked By: W.S.

Sheet Title: CanadianSolar  
Alfred Solar - Site Layout  
140% O.B.

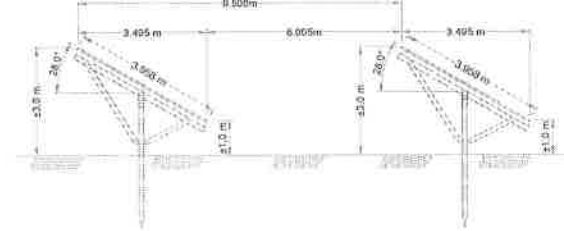
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Sheet No: PCL-A1



TYPICAL (3x8) STRING CONFIGURATION



SECTION A - A



PROPOSED TABLES SECTION