

APOLLO SOLAR ENERGY, INC.

Form 10-Q

August 15, 2011

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

QUARTERLY
REPORT
PURSUANT
TO SECTION
13 OR 15(d)
OF THE
SECURITIES
EXCHANGE
ACT OF 1934.

For the quarterly period ended June 30, 2011

TRANSITION
REPORT
PURSUANT
TO SECTION
13 OR 15(d)
OF THE
SECURITIES
EXCHANGE
ACT OF 1934

For the transition period from _____ to _____

Commission File Number: 000-12122

Apollo Solar Energy, Inc.

(Exact name of registrant as specified in its charter)

Nevada
(State or other jurisdiction of
incorporation or organization)

84-0601802
(I.R.S. Employer
Identification No.)

No. 485 Tengfei Third,
Shuangliu Southwest Airport Economic Development Zone,
Shuangliu, Chengdu

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People's Republic of China, 610207
(Address of principal executive offices)

Registrant's Telephone Number, Including Area Code: +86 (28) 8562-3888

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ☐ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

☐ Large accelerated filer	☐ Accelerated filer
☐ Non-accelerated filer	☐ Smaller reporting company

(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes ☐ No ☒

There were 51,655,961 shares of common stock issued and 49,237,038 shares outstanding as of May 14, 2011.

APOLLO SOLAR ENERGY, INC.

TABLE OF CONTENTS TO QUARTERLY REPORT ON FORM 10-Q

For the Quarterly Period Ended March 31, 2011

ITEM		Page
PART I	FINANCIAL INFORMATION	
Item 1.	Financial Statements	3
Item 2.	Management's Discussion and Analysis of Financial Condition and Results of Operations	14
Item 3.	Quantitative and Qualitative Disclosures About Market Risk	21
Item 4.	Controls and Procedures	22
PART II	OTHER INFORMATION	
Item 1.	Legal Proceedings	23
Item 1A.	Risk Factors	23
Item 6.	Exhibits	23
	Signatures	24

APOLLO SOLAR ENERGY, INC.
CONSOLIDATED BALANCE SHEETS
(In US Dollars)

	June 31, 2011 (Unaudited)	December 31, 2010
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 2,599,188	\$ 2,676,176
Account receivable net of allowance for doubtful accounts \$5,835 and \$3,465, respectively	671,160	294,214
Inventories	4,594,692	6,809,700
Due from Related parties	-	4,412,629
Deferred taxes asset	99,357	
Prepaid expenses and other current assets	342,843	799,359
Total current assets	8,307,240	14,992,078
Property, machinery and mining assets, net	21,135,285	21,081,705
Asset held for sale	1,122,305	1,098,700
Non-marketable investment	54,151	53,012
Investment in joint venture	332,495	587,504
	22,644,236	22,820,921
Total assets	\$ 30,951,476	\$ 37,812,999
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Short-term loans	4,725,819	5,002,802
Account payable - trade	177,804	375,520
- construction vendors	1,801,770	2,844,102
Accrued expenses and other current liabilities	2,167,458	1,098,178
Deferred taxes liability	-	25,329
Due to related parties	229,594	1,814,260
Total current liabilities	9,102,445	11,160,191
Shareholders' equity		
Preferred stock, \$.001 par value, 25,000,000 shares authorized, 0 shares issued and outstanding at June 30, 2011 and December 31, 2010		
Common stock, \$.001 par value, 100,000,000 shares authorized, 51,655,961 shares issued and 49,237,038 shares outstanding at June 30, 2011 and 51,655,961 issued and outstanding at December 31, 2010	51,656	51,656
Additional paid-in capital	32,031,124	31,709,395
Treasury stock, 2,418,923 shares at cost	(5,273,253)	

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Accumulated deficit	(7,480,630)	(7,128,838)
Accumulated other comprehensive income	2,520,134	2,020,595
Total shareholders' equity	21,849,031	26,652,808
Total liabilities and shareholders' equity	\$ 30,951,476	\$ 37,812,999

3

APOLLO SOLAR ENERGY, INC.
CONSOLIDATED STATEMENTS OF OPERATIONS AND OTHER COMPREHENSIVE INCOME (LOSS)
(Unaudited)
(In US Dollars)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2011	2010	2011	2010
Sales	\$ 2,940,118	\$ 1,501,919	\$ 6,723,338	\$ 2,575,965
Cost of sales	(2,167,917)	(1,258,220)	(5,598,073)	(2,097,459)
Gross profit	772,201	243,699	1,125,265	478,506
Operating Expenses				
General and administrative expenses	676,488	787,829	1,577,268	1,922,936
Selling expenses	104,930	44,218	175,203	116,337
Research and development expenses	259,762	343,531	290,572	353,110
Total Operating Expenses	1,041,180	1,175,578	2,043,043	2,392,383
Operating Loss	(268,979)	(931,879)	(917,778)	(1,913,877)
Interest income (expenses)	(55,368)	(79,123)	687,802	(183,436)
Equity in loss of Joint Venture	(135,750)	-	(247,593)	-
Loss before income taxes	(460,097)	(1,011,002)	(477,569)	(2,097,313)
Provision for income tax (credit)	(28,712)	-	(125,778)	-
Net loss	(431,385)	(1,011,002)	(351,791)	(2,097,313)
Other Comprehensive Income (Loss)				
Foreign Currency Translation Adjustment	313,399	7,830	499,538	133,797
Comprehensive income (loss)	\$ (117,986)	\$ (1,003,172)	\$ 147,746	\$ (1,963,516)
Basic and Diluted Loss per common share				
Basic and diluted	\$ (0.01)	\$ (0.02)	\$ (0.01)	\$ (0.04)
Weighted average common share outstanding				
Basic and diluted	50,159,169	48,723,554	50,159,169	46,743,316

APOLLO SOLAR ENERGY, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)
(In US Dollars)

	Six Months Ended Jun 30,	
	2011	2010
Cash flows from operating activities		
Net income (loss)	\$ (351,791)	\$ (2,097,313)
Adjustments to reconcile net income to net cash provided by (used in) operating activities:		
Stock-based compensation	321,728	437,960
Depreciation and amortization	486,035	458,161
Deferred tax assets	(121,221)	(78,170)
Other interest income	(837,359)	
Equity in loss of Joint Venture	247,593	
Changes in assets and liabilities:		
(Increase) decrease in -		
Account receivable-trade	(366,381)	(249,430)
Inventories	2,334,284	244,843
Prepaid expenses and other current assets	467,736	274,672
Account payable-trade	(203,428)	233,976
Accounts payable - construction	(1,090,806)	(264,657)
Accrued expenses and other current liabilities	1,010,440	598,894
N Net cash provided by (used in) operating activities	1,896,830	(441,064)
Cash flows from investing activities		
Payment for research project	-	(300,000)
Acquisition of extraction right and other property and equipment	-	(79,938)
Purchase of property and equipment	(91,236)	(1,092,088)
Net cash used in investing activities	(91,236)	(1,472,026)
Cash flows from financing activities		
Proceeds from (payment to) short-term loans	(380,069)	439,513
Proceeds from (payment to) shareholders	(1,619,527)	2,000,000
Advance from (payment to) related parties	52,307	(681,255)
N Net cash provided by (used in) financing activities	(1,947,289)	1,758,258
E Effect of exchange rate changes on cash and cash equivalents	64,707	1,353
Net increase (decrease) in cash and cash equivalents	(76,988)	(153,478)
Cash and cash equivalents, beginning of period	2,676,176	507,776

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Cash and cash equivalents, end of period	\$	2,599,188	\$	354,298
Supplemental disclosures of cash flow information:				
Interest paid	\$	135,389	\$	114,536
Income taxes paid	\$	11,829	\$	93,290
Supplementary disclosure of non-cash financing activities:				
Treasury stock acquired in exchange for loans and interest from related parties.	\$	5,273,253	\$	-

APOLLO SOLAR ENERGY, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
FOR THE SIX MONTHS ENDED June 30, 2011 AND 2010
(UNAUDITED)

NOTE 1. BASIS OF PRESENTATION

The accompanying unaudited consolidated financial statements of Apollo Solar Energy, Inc. (the “Company”) reflect all material adjustments consisting of only normal recurring adjustments which, in the opinion of management, are necessary for a fair presentation of results for the interim periods. Certain information and footnote disclosures required under accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to the rules and regulations of the Securities and Exchange Commission, although the Company believes that the disclosures are adequate to make the information presented not misleading. These consolidated financial statements should be read in conjunction with the consolidated financial statements and notes thereto included in the Company’s Annual report on Form 10-K for the year ended December 31, 2010 as filed with the Securities and Exchange Commission.

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and those estimates. Estimates that are particularly susceptible to change include assumptions used in determining the fair value of securities owned and non-readily marketable securities.

The results of operations for the six months ended June 30, 2011 are not necessarily indicative of the results to be expected for the entire year or for any future period.

The Company’s functional currency is the Chinese Renminbi (“RMB”); however, the accompanying financial statements have been translated and presented in United States Dollars (“USD”).

NOTE2. INVENTORIES

Inventories consist of the following:

	June 30, 2011	As of December 31, 2010
Raw Materials	\$ 599,905	\$ 1,646,217
Work-in-progress	1,540,343	2,261,022
Finished goods	2,454,444	2,902,461
Total	\$ 4,594,692	\$ 6,809,700

NOTE 3: PROPERTY, MACHINERY AND MINING ASSETS, NET

A summary of property and equipment and the estimate lives used in the computation of depreciation and amortization is as follows:

	Jun 30, 2011	As of December 31, 2010	Life (years)
Buildings	\$ 14,504,130	\$ 14,199,056	40
Right to use land	4,250,314	4,131,884	50
Machinery and equipment	3,823,499	3,731,260	10
Office equipments	353,093	356,429	5
Vehicle	565,779	553,878	5-40
Mining	552,190	489,012	5-40
Construction in progress (1)	956,863	928,035	
Sub-total	25,005,868	24,389,554	
Less: Accumulated depreciation	(3,870,583)	(3,307,849)	
Total	\$ 21,135,285	\$ 21,081,705	

Depreciation expense for the six months ended June 30, 2011 and 2010 was \$ 486,035 and \$458,161 respectively.

(1) Estimated costs to complete the construction in progress after June 30, 2011 are not anticipated to be material. Construction is expected to be completed in the third quarter of 2011.

NOTE 4. RELATED PARTIES TRANSACTIONS AND BALANCES

The breakdown of due from related parties consists of the following:

	June 30, 2011	As of December 31, 2010
Due from Xinju	\$ -	\$ 4,379,411
Due from Joint Venture	-	1,064
Due from shareholder	-	32,154
Total	\$ -	4,412,629

Xinju is a related party partially owned by a majority shareholder of Apollo, Renyi Hou, our former CEO. On March 10, 2011, Mr. Hou exchanged 2,418,923 shares of the Company's common stock in full settlement of approximately \$5.2 million due from Xinju. The amount due from Xinju was converted into 2,418,923 shares of the Company's common stock based on a fair market value of \$2.18 per share. The Joint Venture is a newly formed company in which Apollo holds a 35% of the equity interest. All the above loans are non-interest bearing and due on demand.

Due to related parties consists of due to Joint Venture- COE Apollo and due to shareholders which consist of non-interest bearing notes.

	June 30, 2011	As of December 31, 2010
Due to Joint Venture	\$ 10,415	\$ -
Due to Xinju	7,958	-
Due to shareholders	211,221	1,814,260
Total	\$ 229,594	\$ 1,814,260

NOTE 5. EQUITY METHOD INVESTMENT IN JOINT VENTURE

On November 9, 2009, Sichuan Apollo Solar Science & Technology Co. Ltd. (“Sichuan Apollo”), a wholly-owned foreign enterprise of the Company, entered into a joint venture agreement (the “JV Agreement”) with Bengbu Design & Research Institute for Glass Industry (“Bengbu”) and a local Chinese government agency (the “Agency”). The Joint Venture (“JV”) was formed to conduct research and development related to glass used in the production of thin film solar cells and manufacture thin film solar cells. As of June 30, 2011 the JV had not commenced the production of thin film solar cells. The Company accounts for this investment under the equity method of accounting.

Summarized financial information for our investment in the JV assuming a 100% ownership interest is as follows:

	For the six month ended June 30, 2011	For the six month ended June 30, 2010
Statement of operations		
Revenues	\$ 3,141	-
Cost of sales	1,698	-
Gross profit	1,443	-
Operating Loss	(707,410)	-
Loss before income tax	(707,410)	-

NOTE 6. ACCRUED EXPENSES, TAXES AND OTHER CURRENT LIABILITIES

Accrued expenses, taxes and other current liabilities are listed as below:

	June 30, 2011	As of December 31, 2010
Accrued interest	\$ 800,711	\$ 782,515
Salaries and benefits	144,483	142,180
Value Added Taxes	157,858	11,402
Customer Deposit	831,478	0
Other accrued expenses	232,928	162,081
Total	\$ 2,167,458	\$ 1,098,178

NOTE 7. SHORT-TERM LOAN

The short-term loans include the following:

	June 30, 2011	As of December 31, 2010
a) Loan payable to Chengdu Xihang Gang Construction & Investment Co., Ltd due on demand without interest, collateralized by certain plant equipment of Sichuan Apollo	\$ 638,980	\$ 625,540
b) Loan payable to Bank of Communication, Chengdu branch due on February 8, 2011, with interest at 6.64% per annum, collateralized by the buildings and land use right of Diye	-	302,924
c) Loan payable to Bank of China, Xihanggang Branch, Chengdu due on August 24, 2011, with interest at 5.84% per annum, collateralized by the buildings of Sichuan Apollo	680,753	757,312
d) Loan payable to Bank of China, Xihanggang Branch, Chengdu due on September 7, 2011, with interest at 5.84% per annum, collateralized by the buildings of Sichuan Apollo	773,583	757,312
e) Loan payable to Merchant Bank, Wangjiang Road, Chengdu due on July 16, 2011, with interest at 6.97% per annum, collateralized by the buildings of Sichuan Apollo	1,083,016	1,060,237

This loan was paid in full on
July 15, 2011

f) Loan payable to Bank of
China, Xihanggang Branch,
Chengdu
due on January 7, 2012 with
interest at
6.86% per annum,
collateralized by the buildings
of Sichuan Apollo

1,547,166 -

g) Loan payable to Bank of
China, Xihanggang Branch,
Chengdu
due on March 9, 2011, with
interest at 15% per annum,
collateralized by the buildings
of Sichuan Apollo

- 1,499,477

f) Loan payable to Bank of
China, Xihanggang Branch,
Chengdu
due on September 26, 2011
with interest at 6.73% per
annum

2,321 -

Total \$ 4,725,819 \$ 5,002,802

NOTE 8. TAXES

Corporation income tax

The Company is governed by the Income Tax Law of the PRC concerning the privately run and foreign invested enterprises, which are generally subject to tax at a statutory rate of 25% on income reported in the statutory financial statements after appropriate tax adjustments.

On July 16, 2009, the Company received government approval regarding the High-Tech Enterprise Certificate which allows the Company to enjoy a favorable tax rate of 15% effective January 1, 2009 through December 31, 2011.

Value added tax ("VAT")

Enterprises or individuals who sell commodities, engage in repair and maintenance or import or export goods in the PRC are subject to a value added tax in accordance with the PRC laws. The value added tax standard rate is 17% of the gross sales price. A credit is available whereby VAT paid on the purchases of semi-finished products or raw materials used in the production of the Company's finished products can be used to offset the VAT due on the sales of the finished products.

The comparison of income tax expense (credit) at the U.S. statutory rate of 35%, to the Company's effective tax is as follows:

	For the six months ended	
	June 30, 2011	June 30, 2010
U.S. statutory rate at 35%	\$ (167,148)	\$ (734,060)
Tax rate difference between China and U.S.	159,885	220,497
Change in Valuation allowance	(112,651)	497,896
Other	(5,864)	15,667
Effective tax	\$ (125,778)	\$ -

The provisions for income taxes are summarized as follows:

	June 30, 2011	June 30, 2010
Current	\$ 11,872	\$ -
Deferred	(137,650)	-
Total	\$ (125,778)	\$ -

NOTE 9. PRC STATUTORY RESERVES

In accordance with the PRC Companies Law, the Company was required to transfer 10% of its profit after tax, as determined in accordance with accounting standards and regulations of the PRC, to the statutory surplus reserve. The statutory surplus reserve is non-distributable. As of June 30, 2011 and December 31, 2010, the Company did not accumulate any statutory reserve due to the accumulated deficit.

NOTE10. BUSINESS SEGMENTS

For the six months ended June 30, 2011,

	Manufacturing	Refining	Mining	Corporate & Others	Consolidated Total
Revenue	\$ -	\$ 6,723,338	\$ -	\$ -	\$ 6,723,338
Operating loss	(382,327)	130,921	(150,874)	(515,498)	(917,778)
Depreciation and amortization	352,987	117,272	15,776		486,035
Capital expenditures	15,434	22,590	53,212		91,236

For the three months ended June 30, 2011,

	Manufacturing	Refining	Mining	Corporate & Others	Consolidated Total
Revenue	\$ -	\$ 2,940,118	\$ -	\$ -	\$ 2,940,118
Operating loss	(177,630)	267,662	(49,184)	(309,826)	(268,978)
Depreciation and amortization	148,601	88,502	7,917		245,020
Capital expenditures	4,917	4,057	13,457		22,431

For the six months ended June 30, 2010,

	Manufacturing	Refining	Mining	Corporate & Others	Consolidated Total
Revenue	\$ -	\$ 2,532,278	\$ 43,687	\$ -	\$ 2,575,975
Operating loss	(438,539)	(482,798)	(83,148)	(909,392)	(1,913,877)
Depreciation and amortization	270,799	173,585	13,777		458,161
Capital expenditures	63,815	-	79,938	-	143,753

For the three months ended Jun 30, 2010,

	Manufacturing	Refining	Mining	Corporate & Others	Consolidated Total
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Revenue	\$	-	\$	1,458,232	\$	43,687	\$	-	\$	1,501,919
Operating loss		(221,185)		(234,401)		(40,379)		(435,914)		(931,879)
Depreciation and amortization		169,089		55,611		6,906				231,609
Capital expenditures		44,723		(1,753)		61,367				104,337

NOTE 11. CONCENTRATIONS

For the six months ended June 30, 2011, three major customers accounted for approximately 25%, 17% and 12% of total sales separately. At June 30, 2011, two customers accounted for 24% and 22% of total accounts receivable separately.

For the six months ended June 30, 2010, three major customers accounted for approximately 34%, 18% and 18% of total sales separately. At June 30, 2010, one customer accounted for 85% of total accounts receivable.

For the six months ended June 31, 2011, 27.2% of sales were made to customers in North America and 73% of sales were made to customers in Asia.

For the six months ended June 30, 2010, 27.7% of sales were made to customers in North America and 72.3% of sales were made to customers in Asia.

For the three months ended June 30, 2011, two major customers accounted for approximately 39% and 11% of total sales separately.

For the three months ended June 30, 2010, three major customers accounted for approximately 31%, 30% and 14% of total sales separately.

For the three months ended June 30, 2011, 11.5% of sales were made to customers in North America and 88.5% of sales were made to customers in Asia.

For the three months ended June 30, 2010, 38.4% of sales were made to customers in North America and 61.6% of sales were made to customers in Asia.

NOTE 12 FORMATION OF FULLY OWNED NEW SUBSIDIARY

On June 18, 2011, the Board of Directors approved the formation of a fully owned subsidiary in Hefei, Anhui province with registered capital of 10 million RMB (approximately \$1.5 million), to facilitate the solar panel installation project and the sale of solar panels the company purchased from EPV. On June 22, 2011, the capital inspection report was completed and the formation of the subsidiary was approved by local authorities on June 28, 2011, and the business license was obtained on the same date. As of June 30, 2011, no expenses were incurred in the Hefei subsidiary. As of the date this 10Q is filed, no sales of the Hefei subsidiary were made.

NOTE 13 SUBSEQUENT EVENTS

The Company has reviewed its subsequent events through the date these financial statements were issued and has determined that no additional material subsequent events have occurred through such date.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion contains forward-looking statements that involve risks and uncertainties. Forward-looking statements include, but are not limited to, statements regarding future events, our plans and expectations and financial projections. Our actual results could differ materially from those discussed herein. Factors that could cause or contribute to such differences include, but are not limited to, those discussed elsewhere in this Form 10-Q and in our Annual Report on Form 10-K filed on April 8, 2011, as amended by Amendment No. 1 to our Annual Report on Form 10-K, filed on May 2, 2011. Unless the context otherwise requires, the terms "we," the "Company," "us," or "Apollo" refers to Apollo Solar Energy, Inc. and our wholly-owned subsidiaries and variable interest entities.

Overview

We are a China-based vertically integrated refiner of tellurium, or Te, and high-purity tellurium-based metals for specific segments of the electronic materials market. Our main expertise is in the production of Te-based compounds used to produce thin-film solar cells, cell modules and solar electronic products. While no reserves under the SEC's Industry Guide 7 can currently be delineated at our properties, we believe that the tellurium to be used in our products in the future will be primarily sourced from our Dashuigou project located in Sichuan Province, PRC. In addition, we expect to source tellurium from another property in Shimian, Majiagou, PRC, through variable interest entity agreements, or the VIE Agreements, executed in April, 2009, with Sichuan Xinju Mineral Resources Development Corporation and certain of its shareholders holding 51.6619% of its voting stock, which shareholders are our direct or indirect employees. Under the terms of the VIE Agreements, we have been granted the exclusive exploration and mining rights to these two projects in accordance with a license granted by the Chinese government, which extends through January, 2013 for mining activities at our Dashuigou property, through May 2013 for mining activities at our Majiagou property, and through April 2011 for exploration activities at our Dashuigou property, subject to potential renewal thereafter.

Currently, tellurium is produced as a by-product in the process of processing copper and other metals. As a result, costs are high. We believe that the Dashuigou and Majiagou projects are the only two known deposits in the world in which tellurium, one of the rarest metallic elements on earth, is the primary commodity of economic interest. By the end of 2011, we plan to obtain approximately 50% to 60% of the tellurium necessary for our products from the Dashuigou and Majiagou projects and believe this ability to be a significant competitive advantage because the cost of tellurium sourced from our own properties will be substantially lower than that purchased from an outside third party. We will source the remaining 40% to 50% of our tellurium needs from third-party suppliers with whom we have established good business relationships with over the past few years. By vertically integrating our processes, we believe we are able to achieve significant operating efficiencies and produce high-quality products that offer cost and quality benefits to our customers. Currently, we are able to procure raw materials from the Dashuigou and Majiagou projects at a significant discount to prevailing market price.

Our refining operations are currently based in a 330,000 square foot facility in Chengdu, Sichuan Province, PRC. We expect this facility to eventually have the capacity to produce more than 300 tons of high-purity photovoltaic cell materials and 42 other types of electronic materials. Future expansion of this facility in vacant land leased to the Company will have a capacity to produce up to an additional 350 tons of high-purity photovoltaic cell materials.

We are currently in the exploration stage of operations in accordance with the requirements of SEC Industry Guide 7. However, we believe we are unique in that we expect to both mine and refine our tellurium-based products, with primary refining capabilities as provided by Sichuan Xinju Mineral Resources Development Corporation pursuant to the VIE Agreements, and secondary refining capabilities directly through our Company. Our primary refining capabilities are such that we can treat metal concentrates (containing, for example, as little as 50% of the metals of interest), and extract and refine the metals of interest so that they can be fed to our secondary refining operations, where we attain a higher level of purity. Because we expect to mine the raw material in the future, and perform both refining functions, both directly and through our VIE Arrangement, we consider ourselves a supplier that will in the future have uniquely integrated capabilities. Our end-products are tellurium, cadmium, zinc and related compounds of 99.999% (five nines, or 5N) purity or above. Our products are critical precursors in a number of electronic applications, including the rapidly-expanding thin-film photovoltaic, or PV, market.

Thin film technologies, because of their relatively low usage of raw materials when compared with traditional silicon-based photovoltaic technologies, offer a potential cost advantage in the marketplace. Accordingly, we believe these technologies are beginning to gain an ever increasing foothold in the market.

Our Variable Interest Entity Agreements

As illustrated in the diagram below, we entered into various exclusive contractual arrangements on April 10, 2009 with Sichuan Xinju Mineral Resources Development Corporation, or the VIE, and certain of its shareholders who are our direct or indirect employees and who collectively own 51.6619% of the VIE. Among other things, these VIE Agreements granted to our wholly-owned subsidiary a first option to purchase the exploration rights related to the Dashuigou area property and the mining rights related to that certain tellurium and bismuth property in Shimian Majiagou, which rights we collectively referred to as the Exploration Business. Additionally, the VIE and certain of its shareholders who collectively own 51.6619% of the VIE granted to our wholly-owned subsidiary an exclusive right to purchase all of the products produced from the Exploration Business for a specified period of time. As a result, we consolidate the financial results of the VIE related to the Exploration Business pursuant to FASB ASC 810-10, "Consolidation."

(1) Agreements that provide us with effective control over Sichuan Xinju Mineral Resources Development Co. Ltd., or the VIE, include a purchase option agreement, a business operations agreement and an exclusive technical and consulting agreement.

The agreements between the VIE and our other affiliated entities or persons are summarized below:

- First Option Exclusive Acquiring Agreement, between Sichuan Xinlong Tellurium Industry & Technique Co., Ltd., Sichuan Xinju Mineral Resources Development Co., Ltd., Renyi Hou, our former CEO and Ling Yong, our former CFO, which grants to our wholly-owned subsidiary a first option to purchase the Exploration Business at such time as the purchase becomes advisable, permissible and in our best interest.
- Exclusive Sales Agreement, between Sichuan Xinlong Tellurium Industry & Technique Co., Ltd. and Sichuan Xinju Mineral Resources Development Co., Ltd., which grants to our wholly-owned subsidiary the exclusive right to buy all of the output of the Exploration Business.
- Business Operation Agreement, between Sichuan Xinlong Tellurium Industry & Technique Co., Ltd., Sichuan Xinju Mineral Resources Development Co., Ltd., Renyi Hou and Ling Yong, which imposes certain restrictions and obligations on the VIE and certain of its shareholders to support the VIE arrangement, including refraining from competing with our business and modifying the business operations of the VIE without the prior consent of our wholly-owned subsidiary.
- Exclusive Technical and Consulting Agreement, between Sichuan Xinlong Tellurium Industry & Technique Co., Ltd. and Sichuan Xinju Mineral Resources Development Co., Ltd., which requires the VIE to provide certain technical and consulting services exclusively to our wholly-owned subsidiary in connection with the Exploration Business. Our wholly-owned subsidiary agrees to provide up to \$6.0 million in investing funding to the VIE in connection with its operation of the Exploration Business, on such terms as the parties shall agree from time to time.

Critical Accounting Policies, Estimates and Assumptions

During the six months ended June 30, 2011, there were no changes made to our critical accounting policies and the use of estimates. For further information, please refer to “Critical Accounting Policies and Use of Estimates” included in Part II, Item 7 of our Annual Report on form 10-K for the year ended December 31, 2010 filed with the SEC on April 8, 2011, as amended by Amendment No. 1 to our Annual Report on Form 10-K, filed with the SEC on May 2, 2011.

Results of Operations

Three Months Ended June 30, 2011 and compared to the three months ended June 30, 2010

Sales

Sales for the three months ended June 30, 2011 were \$2,940,118, compared to the sales of \$1,501,919 in the same period in 2010, an increase of \$1,438,199 or approximately 96%. Sales of Indium increased by approximately \$720,042. Sales of Tellurium increased by approximately \$420,622.

Cost of sales

Cost of sales for the three months ended June 30, 2011 was \$2,167,917, compared to the cost of sales of \$1,258,220 for the three months ended June 30, 2010 representing an increase of \$909,697 or 72%. This increase results primarily from the increase in sales.

Gross profit

Gross profit for the three months ended June 30, 2011 was \$772,201, compared to the gross profit of \$243,699 for the period ended June 30, 2010. The gross profit margin for the three months ended June 30, 2011 was 26.3% compared to 16.2% in the same period of 2010. The increase in gross profit margin primarily resulted from the Company sold Indium and Tellurium at higher price due to market price appreciation.

Selling expense

For the three months ended June 30, 2011, selling expenses were \$104,930 compared to \$44,218 for the same period ended June 30, 2010, representing an increase of 137%. This increase was primarily due increase of sales and our effort to explore and develop new markets.

General and administrative expenses

We incurred general and administrative expenses of \$676,488 for the three months ended June 30, 2011, compared to that of \$787,829 in the same period of 2010, representing a decrease of approximately 14%. For the three months ended June 30, 2011 and 2010, costs for stock based compensation and stock issued for services were \$160,864 and \$43,524, respectively. Excluding stock based compensation expense, we incurred other general and administrative expenses of \$515,623 for the three months ended June 30, 2011, as compared to expenses of \$744,305 for the same period of 2010, representing a decrease of 31% which was primarily due to tighter budget controls.

Research and development expenses

For the three months ended June 30, 2011, we incurred research and development expenses of \$259,762, compared to \$343,531 for the three months ended June 30, 2010. This represents a decrease of approximately 24%. The decrease in spending on research and development expenses was due to the fact that some fundamental R&D work was completed in last year.

Net income/loss

For the three months ended June 30, 2011 we had a net loss of \$431,385, compared to net loss of \$ 1,011,002 for the three months ended June 30, 2010. The primary reasons for the decrease in net loss for the three months ended June 30, 2011 was increase in sales and the reduction of general and administrative expenses plus interest income of loan to related parties.

Other

For the three months ended June 30, 2011 we incurred an equity loss of Joint Venture of \$135,750, interest expenses of \$55,368, and provision for income tax credit of \$-28,712. For the three months ended June 30, 2010, we had no equity in loss of Joint Venture and provision of income tax and interest expense of \$79,123.

Six Months Ended June 30, 2011 and compared to the six months ended June 30, 2010

Sales

Sales for the six months ended June 30, 2011 were \$ 6,723,338, compared to the sales of \$2,575,965 in the same period in 2010, an increase of \$ 4,147,373 or approximately 161%. Sales of Tellurium increased by approximately \$2,439,653 of which approximately \$ 791,237 was attributable to sales to First Solar. Sales of Indium increased approximately \$650,547.

Cost of sales

Cost of sales for the six months ended June 30, 2011 was \$5,598,073, compared to the cost of sales of \$2,097,459 for the six months ended June 30, 2010 representing an increase of \$3,500,614 or 167%. This increase results primarily from the increase in sales and was in line with the increase in sales.

Gross profit

Gross profit for the six months ended June 30, 2011 was \$ 1,125,265, compared to the gross profit of \$478,506 for the period ended June 30, 2010. The gross profit margin for the six months ended June 30, 2011 was 16.7% compared to 18.6% in the same period of 2010. The decrease in gross profit margin primarily resulted from higher costs of raw materials during the first quarter of 2011 and the company could not pass on to its customers. However, the company experienced gross profit margin improvement in the second quarter as the Company sourced raw materials from new channels and began to sell products with higher profit margin.

Selling expense

For the six months ended June 30, 2011, selling expenses were \$175,203 compared to \$116,337 for the same period ended June 30, 2010, representing an increase of approximately 51%. This increase was primarily due increase of sales and our effort to explore and develop new markets.

General and administrative expenses

We incurred general and administrative expenses of \$1,577,268 for the six months ended June 30, 2011, compared to that of \$1,922,936 in the same period of 2010, representing a decrease of approximately 18%. For the six months ended June 30, 2011 and 2010, costs for stock based compensation and stock issued for services were \$321,729 and \$437,960 respectively. Excluding stock based compensation expense, we incurred other general and administrative expenses of \$1,255,539 for the six months ended June 30, 2011, as compared to expenses of \$1,484,976 for the same period of 2010, representing a decrease of 15.5% which was primarily due to tighter budget controls.

Research and development expenses

For the six months ended June 30, 2011, we incurred research and development expenses of \$290,572, compared to \$353,110 for the six months ended June 30, 2010. This represents a decrease of approximately 18%. The decrease in spending on research and development expenses was due to the fact that some fundamental R&D work was completed in last year.

Net income/loss

For the six months ended June 30, 2011 we had a net loss of \$351,791, compared to net loss of \$2,097,313 for the six months ended June 30, 2010. The primary reasons for the decrease in net loss for the six months ended June 30, 2011 was increase in sales and the reduction of general and administrative expenses plus interest income of prior year's loan to related parties.

Other

For the six months ended June 30, 2011 we incurred an equity loss of Joint Venture of \$247,593, interest income of \$837,359, net of interest expense of \$149,557 and provision for income tax credit of \$-125,778. For the six months ended June 30, 2010, we had no equity in loss of Joint Venture and provision for income tax and interest expense of \$183,436 .

Liquidity and Capital Resources

Net cash (used in) provided by operating activities.

Net cash provided by operating activities for the six months ended June 30, 2011 was \$ 1,896,830 compared to net cash used in \$441,064 in the same period in 2010. Cash provided by operating activities was accounted for by an increase in accounts receivable of \$366,381, a decrease in inventory of \$ 2,334,284, a decrease in prepaid expenses of \$467,736, a decrease in the trade payable of \$203,428, a decrease in the account payable- construction of \$1,090,806, and an increase in accrued expenses of \$1,010,440.

For the six months ended June 30, 2010, cash used in operating activities caused an increase in accounts receivable of \$249,430, a decrease in inventory \$244,843, a decrease in prepaid expenses of \$274,672, an increase in trade payable of \$233,976, a decrease in account payable- construction of \$264,657, and an increase in accrued expenses of \$598,895.

Net cash (used in) investing activities.

Net cash used in investing activities for the six months ended June 30, 2011 and 2010 was \$ 91,236 and \$1,472,026, respectively, which primarily resulted from the purchase of property and equipment. In the same period of 2010, there was also a payment of \$300,000 for research project.

Net cash (used in)/provided by financing activities.

Net cash used in financing activities for the six months ended June 30, 2011 was \$1,947,289, representing payments to shareholder of \$1,700,497, advance from shareholder of \$80,970, advance from a related party of \$52,307 and payment with respect to a short-term loan of \$380,069.

Net cash provided by financing activities for the six months ended June 30, 2010 was \$1,758,258, consisting of \$439,513 cash inflow from short-term bank loans, \$2,000,000 net cash inflow from shareholder loans, payments to related party of \$679,762, and a payment to a shareholder of \$1,493.

As of June 30, 2011, the company had a balance of cash and cash equivalent of \$2,599,188, compared to that of \$354,298 at the end of the second quarter in 2010.

The Company believes that its cash flows generated internally may not be sufficient to sustain operations and repay short term bank loans for the next twelve months. Therefore, from time to time, the Company may require extra funding through short term borrowing from PRC banks or other financing activities if needed in the near future.

FORMATION OF FULLY OWNED NEW SUBSIDIARY

On June 18, 2011, the Board of Directors approved the formation of a fully owned subsidiary in Hefei, Anhui province with registered capital of 10 million RMB (approximately \$1.5 million), to facilitate the solar panel installation project and the sale of solar panels the company purchased from EPV. On June 22, 2011, the capital inspection report was completed and the formation of the subsidiary was approved by local authorities on June 28, 2011, and the business license was obtained on the same date. As of June 30, 2011, no expenses were incurred in the Hefei subsidiary. As of the date this 10Q is filed, no sales of the Hefei subsidiary were made.

Contractual obligations

The following table describes our contractual commitments and obligations as of June 30, 2011:

Contractual Obligations	Payments due by Period (in \$)				
	Total	Less Than 1 Year	1 – 3 Years	3 – 5 Years	More Than 5 Years
Short term debt	\$ 4,725,819	\$ 4,725,819	\$ —	\$ —	\$ —
	\$ 4,725,819	\$ 4,725,819	\$ —	\$ —	\$ —

Seasonality

Our business is not cyclical and does not have a clear pattern of seasonality.

Off-Balance Sheet Transactions

We have no material off-balance sheet transactions.

Impact of Recent Currency Exchange Rate Increase

We use the U.S. dollar as the reporting currency for our financial statements. Our operations are conducted through our PRC operating subsidiary, Sichuan Apollo, and our functional currency is the RMB. On July 21, 2005, the PRC government changed its policy of pegging the value of the RMB to the U.S. dollar and, as a result, the RMB has appreciated against the U.S. dollar by approximately 8.26% from 1:8.27 on July 21, 2005 to 1:6.8270 on December 31, 2009 and 1:6.6023 on December 31, 2010. In converting our RMB income statement amounts into U.S. dollars we used the following RMB/\$ exchange rates: 6.4634 and 6.7814 for the six months ended June 30, 2011 and 2010 respectively. There is no guarantee that we will benefit from the exchange rate in the future and our operations may suffer if a less favorable exchange rate develops.

Future Capital Expenditures

On April 10, 2009, we signed the VIE Agreements to acquire the exploration rights of the Dashuigou area and the mining rights of the Majiahou mine. We expect to invest in exploration, mining equipment, and refinery facility in the future so that we can source tellurium internally. Additional capital for this objective may be required that is in excess of our current resources, requiring us to raise additional capital through additional equity offerings or secured or unsecured debt financing. The availability of additional capital resources will depend on prevailing market conditions, interest rates, and our existing material financial position and results of operations.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Foreign Exchange Risk

We use the U.S. dollar as the reporting and functional currency for our financial statements. As we conduct our operations through our PRC subsidiary, the functional currency of our PRC subsidiary is RMB. Substantially all our revenue and related expenses, including cost of revenues and advertising expenses, are denominated and paid in RMB. Transactions in other currencies are recorded in RMB at the rates of exchange prevailing when the transactions occur. Monetary assets and liabilities denominated in other currencies are remeasured into RMB at rates of exchange in effect at the balance sheet dates. Exchange gains and losses are recorded in our statements of operations as other comprehensive income.

The value of RMB is subject to changes in China's governmental policies and to international economic and political developments. In January, 1994, the PRC government implemented a unitary managed floating rate system. Under this system, the People's Bank of China, or PBOC, began publishing a daily base exchange rate with reference primarily to the supply and demand of RMB against the U.S. dollar and other foreign currencies in the market during the previous day. Authorized banks and financial institutions are allowed to quote buy and sell rates for RMB within a specified band around the central bank's daily exchange rate. On July 21, 2005, PBOC announced an adjustment of the exchange rate of the U.S. dollar to RMB from 1:8.27 to 1:8.11 and modified the system by which the exchange rates are determined. This modification has resulted in an approximate 22% appreciation of the RMB against the U.S. dollar from July 21, 2005 to June 30, 2011. While the international reaction to the RMB revaluation has generally been positive, there remains significant international pressure on the PRC government to adopt an even more flexible currency policy, which could result in further fluctuation of the exchange rate of RMB against the U.S. dollar. As all of our net revenues are recorded in RMB, any future devaluation of RMB against the dollar could negatively impact our results of operations.

Commodity Price Sensitivity

We are exposed to market risk in connection with our inventory balances, which are comprised primarily tellurium, cadmium, selenium, indium and metal powder made from rare base metals. Our inventories are stated at the lower of cost or market using the weighted average method. If there is a downward change in the market price of base metals, we are required to mark-down the value of our inventory and record a loss in our statement of income. We cannot predict the extent to which high raw material price levels will continue in the future. We do not have any long-term raw material purchase contracts.

ITEM 4. CONTROLS AND PROCEDURES

(a) Evaluation of Disclosure Controls and Procedures

Under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, we evaluated the effectiveness of the design and operation of our disclosure controls and procedures pursuant to Rule 13a-15 under the Securities Exchange Act of 1934, as amended, or the Exchange Act, as of the end of the period covered by this report. Based on that evaluation, our Chief Executive Officer and Chief Financial Officer have concluded that our disclosure controls and procedures are effective.

(b) Changes in Internal Controls

There were no changes in our internal control over financial reporting during the three months ended June 30, 2011 that have materially affected, or are reasonably likely to materially affect our internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

None.

ITEM 1A. RISK FACTORS

In addition to other information set forth in this report, you should carefully consider the “Risk Factors” discussed in our Annual Report on Form 10-K filed on April 8, 2011, as amended by Amendment No. 1 to our Annual Report on Form 10-K, filed on May 2, 2011, for our 2010 fiscal year. There have been no material changes to the “Risk Factors” previously disclosed in our Annual Report on Form 10-K.

ITEM 6. EXHIBITS

Index to Exhibits

The following exhibits are filed as a part of this Report.

Exhibit No	Exhibit Title	Filed Herewith	Incorporated by Reference			
			Form	Exhibit No.	File No.	Filing Date
31.1	Certification of Chief Executive Officer pursuant to Rules 13a-14 and 15d-14, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	X				
31.2	Certification of Chief Financial Officer pursuant to Rules 13a-14 and 15d-14, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	X				
32.1	Certification of Chief Executive Officer and Chief Financial Officer Pursuant to 18 U.S.C. Section 1350 as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	X				
101.INS	XBRL Instance	X				
101.SCH	XBRL Schema	X				
101.CAL	XBRL Calculation	X				
101.DEF	XBRL Definition	X				
101.LAB	XBRL Label	X				
101.PRE	XBRL Presentation	X				

* Management contract, or compensatory plan or arrangement.

SIGNATURES

In accordance with the requirements of the Exchange Act, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Apollo Solar Energy, Inc.

Date: Aug 15, 2011

By: /s/ Jingong Pan
Jingong Pan
Chief Executive Officer

Date: Aug 15, 2011

By: /s/ Wilson W. Liu
Wilson W. Liu
Chief Financial Officer