



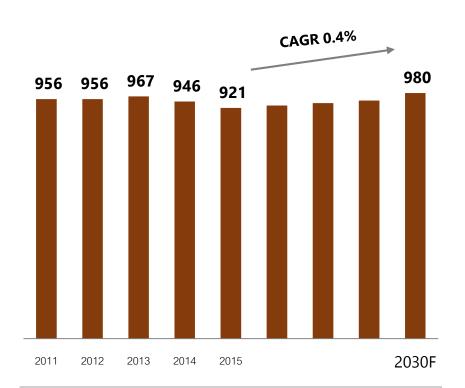
Knowledge Sharing Session Solar Power Business in Japan

15th August 2016



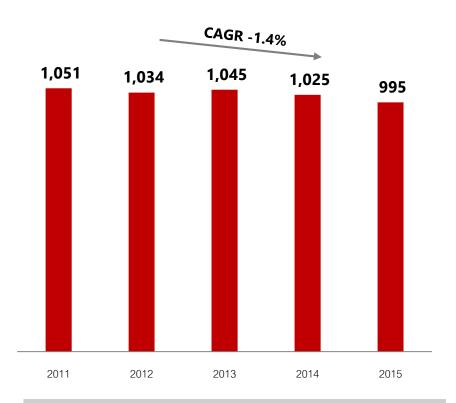
Japan's Electricity generation decreased during 2011 to 2015 from nuclear plant shutdown

Japan's electricity demand (Unit: TWh)



- The demand of electricity in Japan was fluctuated in recent years
- However, the government has been forecasted that the demand would be increased to 980 TWh within 2030 at 0.4% per annum

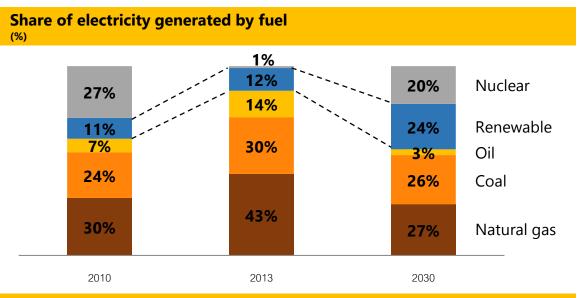
Japan's electricity generation (Unit: TWh)



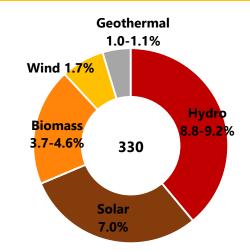
- As a result of the earthquake incident in 2011, some nuclear power plants, accounted for 15GW, had been shutdown
- Therefore, the electricity generation in Japan is in a decreasing trend at -1.4% CAGR



By 2030, renewable energy will be the third largest portion of Japan's electricity resources



2030 Japan's Renewable Generation Mix Forecast (Unit: GW)



- Before the Fukushima incident portion of renewable energy is the second lowest source of fuel in Japan
- After the Fukushima incident in March 2011, Japan's Government have reconsidered their reliance on nuclear power and shifted towards renewable energy
- In 2030, renewable energy will be doubled its portion from 2013 to be approx. 24% of total electricity generation
- The total electricity generation is expected to be 330 GW in 2030
- According to the Government's policy, renewable energy will paly more role in the future where it will be approx.
 22-24% of total generation in 2030
- Solar will increase its portion to 7% of total generation within 2030 which is accounted for 20-23 GW



GPSC has been invested in 20.8 MW solar PV in Ichinoseki, Japan which will COD in Q4 2017



GPSC's First Expansion to Japan's Renewable Energy Sector

- GPSC has tapped into Japan market with the current 20.8 MW solar project.
- Still, given the high feed-in tariffs, low financing cost, there are still the unutilized solar-potential areas worth exploring further.

Project	Ichinoseki Solar Power 1 (ISP1)
Location	Ichinoseki, Iwate Prefecture, Japan
Туре	Solar
Capacity	Electricity: 20.8 MW
Customer	Tohoku Electric Power (20 years)
SCOD	Q4 2017
Type of investment	Godo Kaisha Investment (GK)
Total Investment	~10,000 JPY million
D/E	4:1
Progress 2Q16	56.7% (Site preparation)
Feed in Tariff*	40 JPY/kWh for 20 years
Interest rate	< 2% for 20 years, Shinsei Bank
EPC	Conergy Group



PSC Ichinoseki Solar Power (ISP1)





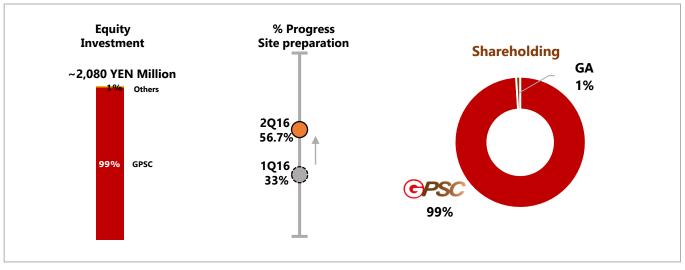






Ichinoseki Solar Power (ISP1)

Japan

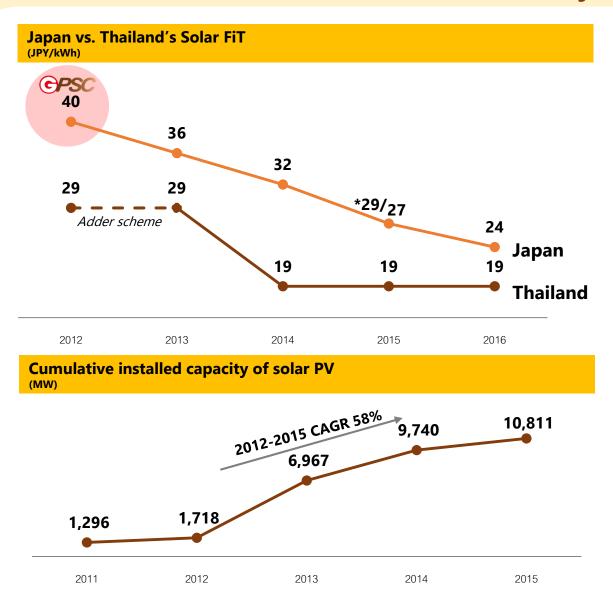


Progress update

- PPA contract with Tohoku Electric Power Company is concluded; secured FiT at 40 JPY/kWh for 20 years
- EPC contracts and Facility agreement have been executed
- Installation will start in Q3/2016
- Finalized loan agreement and ready to start drawdown the loan
- GPSC first international project to COD in 2017



Japan's Solar FiT is higher than Thailand's FiT where GPSC has secured FiT at 40 JPY/kWh for 20 years



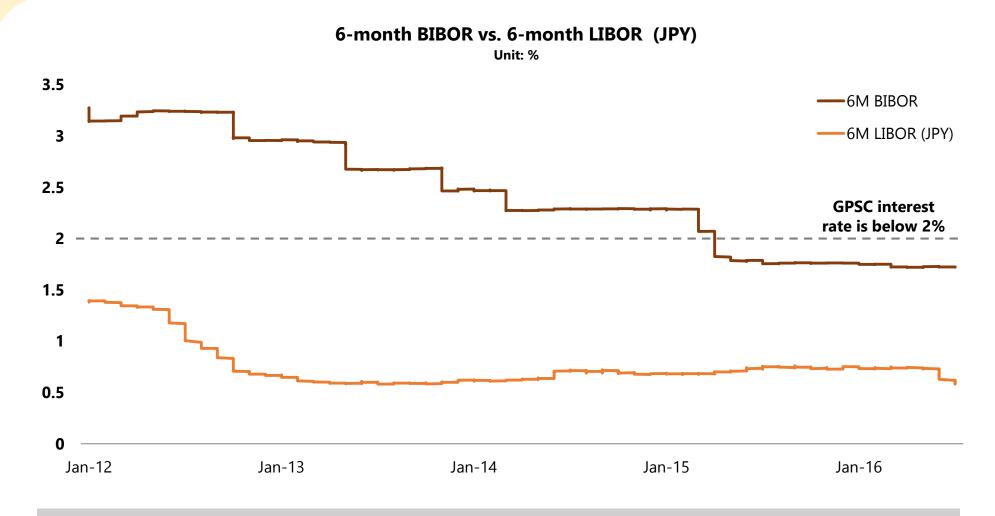
- In July 2012, Japanese Government has launched incentives through Feedin-Tariff (FiT) with an attempt to rapidly encourage investment in renewable energy
- FiT for solar power is declined due to lower cost of panel and installation
- However, FiT in Japan is still higher than FiT in Thailand which is approx.
 19 JPY/kWh**
- GPSC has secured FiT at 40 JPY/kWh for 20 years

 After Japanese Government's incentives, the number of solar PV installed capacity has been increased since 2012 at 58 % per year (2012-2015)





GPSC uses floating rate as reference of project's interest rate in which GPSC has secured interest at lower than 2%



- Over the past years, 6M LIBOR (JPY) is much lower than 6M BIBOR
- Whereas GPSC has secured interest rate at 6M LIBOR (JPY) plus margin which is below 2% for 20 years



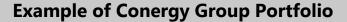
GPSC uses the leading solar panel supplier to ensure quality of the project

Conergy Japan



Profile

- A subsidiary of Conergy Group which have been founded in 1998 in Hamburg, Germany
- The company is privately-held and majorityowned by Miami-based asset management firm Kawa Capital Management, Inc.
- Regional headquarter: Singapore and Bangkok



Solar farm Thüngen, Germany





Experiences & Services

- Have experiences more than 16 years
- Active in 40 countries on five continents with subsidiaries in 15 countries
- Installed over 2.2GW of solar energy to date
- Offers all services that are related to solar power; namely, Turnkey large-scale systems, Operations and Management, Project development & Finance
- Considered as of the leading photovoltaic providers

Solar farm Negros Occidental, Philippines



Solar farm Hokkaido, Japan



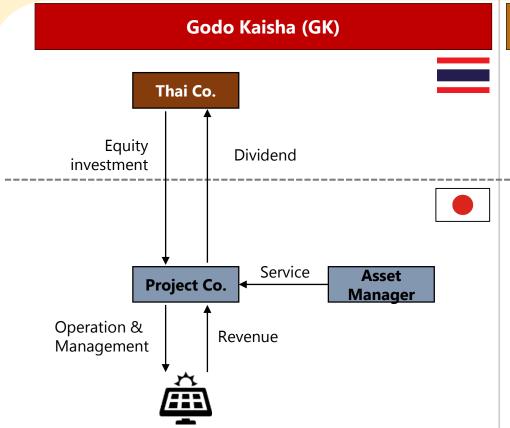


Solar farm installation

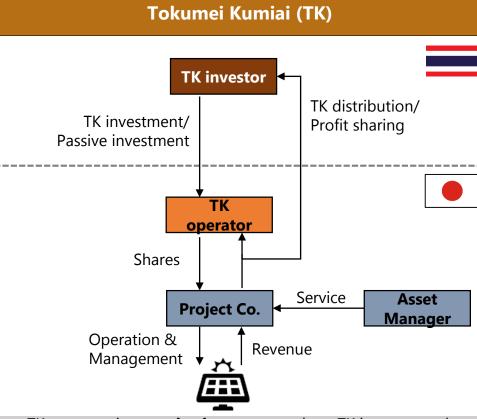
 Conergy has been installing solar farms in various countries; Germany, United Kingdom, USA, Canada, Spain, Italy, Australia, Philippines, Japan, Thailand, India, South Africa, Saudi Aribia,



GPSC uses **GK** structure on **ISP1** project to ensure control over the project company



- GK structure is an equity investment in order to have control over project company
- Moreover, GPSC is **able to consolidate financial performance** of the project company **on GPSC's financial statement**
- The dividend income that GPSC receives will be taxed, only once, at source (in Japan), as there is Double Tax Agreement



- TK structure is a passive investment where TK investors only provide funding through TK operator in which TK investor has no share and control over project company
- TK investor will receive return in terms of TK distribution; similar to profit sharing, which depends on an agreement between TK investor and TK operator called TK agreement
- TK investor will be doubled tax according to Japanese and Thai laws



GPSC deliberately uses **GK** structure to comprehend all information for the first investment in Japan

	Godo Kaisha (GK)	Tokumei Kumiai (TK)	Implication to GPSC
Structure	Equity investment	TK investment	As a first investment in Japan, GPSC would like to ensure its
Control	Full control	No control	control over the project company
Return form	Consolidation of Financial performanceDividend income	TK distribution	GPSC is able to consolidate the project's financial performance onto GPSC's financial statement, hence, enhancing GPSC's revenue and balance sheet
Japanese effective tax rate	• ~ 35%	 ~ 35% TK distribution is treated as taxable expense Less taxable income 	 The project company is taxed at the same corporate income tax rate, where GK structure is taxed as normal Japanese corporate While TK structure allows project company to treat TK distribution as taxable expense, thus, the taxable income is lesser than the company using GK structure; implying low tax payment
Japanese taxation on dividend/ TK distribution	Dividend: 15% withholding tax at source	TK distribution: 15% withholding tax at source (tax credit)	 According to the Japanese tax treaty, TK distribution will be subjected to 15% withholding tax in case TK investor has operating business in Thailand, where it is recognized as tax credit GPSC's dividend income, from GK structure, is subjected to 15% withholding tax
Cash received from dividend/ TK distribution	No Corporate income tax	20% Corporate income tax TK investor	 Corporate tax income exemption on GPSC's cash received from dividend according to Double Tax Agreement Whereas the TK distribution is not defined in the Double Tax Agreement, thus, Thai corporate income tax will be applied to the money received
Total effective tax rate*	• ~ 44%	• ~ 20.00%-40%	Even though GPSC has pay higher effective tax rate, the company consider control over the project co. as priority





Options of business structure and implications

	Godo Kaisha (GK)	Tokumei Kumiai (TK)	Implication
Japanese effective tax rate	• ~ 35%	 ~ 35% TK distribution is treated as taxable expense Less taxable income 	 Both GK and TK structure have to pay effective tax rate at 35% However, TK structure allows project company to treat TK distribution as taxable expense
Japanese taxation on dividend/	Project Co. Dividend:	Project Co. TK distribution:	According to the Japanese tax treaty, TK distribution will be subjected to 20.42% withholding tax when transferring money to Hong Kong
TK distribution	5% withholding tax at source	20.42% withholding tax at source	While dividend income, from GK structure , will be subjected to withholding tax at 5% due to the tax treaty between Japan and Hong Kong
Cash received from project co.	No Corporate income tax Holding Co.	No Corporate income tax Holding Co.	 The money received from Japan to a holding company in Hong Kong, both GK and TK structure, is accounted as dividend income According to Hong Kong tax treaty, there is a tax exemption on dividend income, thus, both holding companies do not have to pay corporate tax income
Cash received from holding company	No Corporate income tax Thai Co.	No Corporate income tax TK investor	Given Thai co./TK investor is granted with IHQ privilege, Cash received from holding company is not subject to tax (IHQ is International Headquarters privilege granted by the Revenue department, Thailand)
Total effective tax rate*	• ~ 38%	• ~ 20.42%	 By assuming that all profit from project co. is distributed to TK investors, hence, no tax paid on effective rate in Japan; only 20.42% withholding tax is calculated as total effective tax rate As s result total effective tax rate to Thai Co. and TK investor are approx. 38% and 20.42%, respectively In this case, establishing a holding company could help minimize effective tax rate





PSC Concerns towards investment in Japan

Concerns

- · Creditability of solar panels manufacturer
- Timeline and Cost of grid connection
- Creditability of asset manager and Contractors
- Cost overrun
- Exchange rate fluctuation
- Curtailment
- Permission



C GPSC's strong footsteps in Renewable Energy in Japan

Investment Opportunity WHY JAPAN?

- Huge growth potential for Renewable Energy installed capacity in Japan
- ✓ Attractive FiT scheme, higher than in Thailand
- ✓ Lower financial cost
- Stronger grid stability than many other Asian countries
- ✓ High skilled and experienced staffs
- ✓ Opportunities in investing in other renewable energy in Japan



Investment Rationale

ISP₁

- ✓ Highly attractive project as GPSC secured highest FiT of 40 JPY/kWh for 20 years
- ✓ GK structure allows GPSC to enhance the company revenue and balance sheet
- ✓ Able to control the project company
- ✓ Understand business' structure in Japan
- ✓ Have good relationship with local bank; increase possibility of obtaining lower interest rate for future project
- ✓ Receives know-how from local project asset's operator