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<b>Countries of Work Experience:</b>	Philippines, Indonesia (Jakarta), China (Beijing, Shanghai), India (New Delhi)
<b>Language Skills:</b>	English - Excellent Filipino – Excellent
<b>Educational and other Qualifications:</b>	<ul style="list-style-type: none"> <li>• University of the Philippines, B.S. Chemical Engineering, 1973</li> <li>• University of the Philippines, M.S. Chemical Engineering, 1978</li> <li>• University of Leeds, M.S. Combustion and Energy, 1980</li> </ul>
<b>Expertise and Capability:</b>	<ul style="list-style-type: none"> <li>• Executive Management</li> <li>• Team Development &amp; Leadership</li> <li>• Corporate Planning &amp; Strategy</li> <li>• Business Model &amp; Development</li> <li>• Corporate Finance &amp; Financial Modeling</li> <li>• Technical, Economic &amp; Financial Feasibility Studies</li> <li>• Energy and Power Project Management</li> <li>• Regulatory Management &amp; Registration</li> </ul>
<b>Summary of Experience:</b>	
<p>Mr. Marcial Ocampo is the Business Director of OMT Energy Enterprises, a VAT-registered consulting company. He is a licensed Chemical Engineer with postgraduate studies in Chemical Engineering (major in Pollution Control) and Combustion and Energy, and advanced studies in business management, project finance and corporate planning. His field of expertise in the area of energy is in the design/development of energy efficiency (EE), conventional power (oil, coal, gas, nuclear, storage) and renewable energy (RE) projects and capacity building on EE / conventional energy / RE project financial evaluation for financial institutions, project developers and energy service companies (ESCOs). He has extensive work experience in project finance and project finance modeling; in conduct of due diligence on investment projects for financial assistance or equity financing; in conduct of mid-term and final-term project evaluation of UNDP projects; linear programming (LP) optimization of petroleum refinery operations, transportation and distribution of petroleum products; and mixed integer linear programming (MILP) optimization of hourly load dispatch and long-term least-cost capacity expansion planning of the electricity grid to minimize capital, fixed O&amp;M, variable O&amp;M, fuel and lube costs. He has a total of 20 years of experience in the field of EE / conventional energy / RE / optimization.</p> <p>Marcial has provided consultancy services for projects funded by the United Nations Development Programme (UNDP) primarily in Project Document preparation in Indonesia, mid-term and final-term project evaluation of fuel cell bus technology development and second national communication (SNC) to United Nations Framework Convention on Climate Change (UNFCCC) in China (Beijing, Shanghai) and biomass barrier removal and energy efficiency project in India (New Delhi, Chennai). In the Philippines, Marcial has provided consultancy services for setting the electricity tariff of a biomass-diesel hybrid power generation project located in Rio Tuba, Palawan under the Qualified Third Party (QTP) programme of the Department of Energy (DOE) with funding from the World Bank (WB). The true cost of power generation from the hybrid power generator and the paying capacity of the Rio Tuba electricity customers were determined in order to determine the needed tariff subsidy to be provided by the government through the NPC-SPUG from the universal charge for missionary electrification.</p> <p>Marcial also provided consultancy services for large-scale energy and power projects in the Philippines for a natural gas LNG on-shore storage and re-gassing facility project for AG&amp;P and SINCLAIR KNIGHT MERZ and for a number of clean-coal CFB power generation project of SMC GLOBAL POWER HOLDINGS CORPORATION.</p> <p>Currently, Marcial is providing a final-term project evaluation for the Global Low Emission Capacity Building (LECB) Philippine Project of UNDP being implemented by the Climate Change Commission (CCC) for the last 5 years (2012-2017) to enable the government and private sector enable communities and ecosystems to be strengthened and become resilient to climate change.</p>	

<b>EMPLOYMENT RECORD</b>		
<b>Period</b>	<b>Employing organization and job title/position</b>	<b>Duties &amp; Responsibilities</b>
Oct 2017 – present (available for retainer, consultancy)	OMT Energy Enterprises  Business Director and Business Owner	Provides project finance modeling advisory and financial modeling customization for various conventional, nuclear, renewable, storage and waste heat recovery power generation systems; feasibility study preparation; regulatory management and registration services; financial evaluation of energy efficiency and energy conservation projects; and optimization of manufacturing processes and optimal dispatch of power.  Marcial has prepared the levelized cost of electricity (LCOE) of all power generation technologies and existing power plants in the country so that a merit order load dispatch schedule (least expensive to most expensive) is prepared to determine the marginal power plant and clearing price for WESM.
Oct 2014 - Sep 2017 (full time)	SMC GLOBAL POWER HOLDINGS CORPORATION  Energy and Power Consultant	Provides energy consultancy services in energy & power, financial modeling, optimization for least cost capacity expansion planning, optimal load dispatch, and Monte Carlo Simulation (MCS) of supply and demand studies, forecasting WESM clearing prices, and MCS of project finance models to identify project risks and how to mitigate such risks.
Mar 2013 - Jul 2014 (full time)	Sinclair Knight Merz (Philippines), Inc. now Jacobs Projects (Philippines), Inc.  Senior Power Generation Engineer	Prepares project proposals and conducts market studies, optimization modeling studies, and pre-feasibility studies for oil, coal, natural gas, geothermal, hydro, solar PV, wind, biomass, and mini-hydro power generation technologies. He also meets with regulators and government agencies on policy matters and interacts with stakeholders, local government units, indigenous peoples, investors and service providers for developing energy and power generation projects. He prepares terms of reference (TOR), scope of work (SOW) and request for proposals (RFP) for projects.
Feb 1, 2001 - Nov 30, 2006 (full time)	First Gen Corporation  Senior Manager for Technical Services	Provides technical services and advice to projects under development, e.g. power generation technology capital and operating cost, efficiency or heat rate, reliability, availability, maintenance schedule, construction schedule, interest during construction, feasibility study and financial model of power plant project or asset to be acquired. Conducts technical and environmental studies on NPC assets for privatization (Calaca and Masinloc coal; Pantabangan, Ambuklao/Binga hydro; Makban-Tiwi geothermal; Sucat oil thermal; and Bauang diesel).
Sep 14, 1999 - Jan 31, 2001 (full time)	Philippine Council for Industry and Energy Research and Development (PCIERD), Department of Science and Technology (DOST)  Executive Director	Develops R&D strategies for the growth and development of industry and energy sectors and leads, manages and supervises the 50+ staff of the government bureau.
Jun 1997 - Jan 1998 (full time)	Petronas Energy Philippines  EDP Budget and Planning Manager	Provides budget and corporate planning services and monitor actual performance versus business plan and budget. Update the financial model of the company's national business plan.

Apr 1978 - May 1993 (full time)	Philippine National Oil Company (PNOC)	<p><b>Petron MIS Coordinator</b> Market Planning and Distribution Department Petron Marketing Division Nov 1990 to May 1993 <i>In-charge of corporate-wide computerization of terminals and offices</i></p> <p><b>Head, Computer Systems Group, Engineering Department</b> Bataan Refining Corporation (BRC, Limay, Bataan) Jun 1986 – Nov 1990 <i>LP Model consultancy and design of computer systems for refinery</i></p> <p><b>Section Chief (PNOC Engineer on detail), Transport, Building &amp; Machineries</b> Bureau of Energy Utilization, Ministry of Energy Apr 1978 – Jun 1986 <i>Provides leadership in the development and monitoring of energy utilization efficiency and energy conservation initiatives. Conducts energy audits on establishments in the transport, building &amp; machineries section.</i></p>
Jan 1978 - Apr 1978 (full time)	Ralph M. Parsons (RMP) / Thermal Stress Engineer	Thermal Stress Engineer (for geothermal steam piping) for predicting thermal stresses in piping systems.
May 1976 - Jan 1978 (full time)	Economic Development Foundation, Inc. / Assistance Consultant	Team Member of project: Water Quality Modeling of the Laguna Lake and The Maximum Assimilative Capacity of Philippine Rivers (an LP Model for determining maximum BOD load to meet minimum DO levels) for NEDA
Jan 1976 - May 1976 (full time)	Projects and Planning Development Office (PPDO) Department of Public Works, Transportation and Communications (DPWTC) / Research Associate	Team Member of project: Water quality Modeling and Monitoring of the Pampanga River.
Jun 1975 - Dec 1975 (full time)	Procter & Gamble, Philippine Manufacturing Corporation (PMC) / Brand Manager	Manages the Tide detergent brand, monitor its efficacy versus competition and improve its cost effectiveness (cost per washing).
1974 - 1986	College of Engineering, University of the Philippines (UP), Diliman, Quezon City	<p><b>Senior Lecturer</b> Energy 211 (Energy Conservation for Transport and Industry), 1986</p> <p><b>Lecturer</b> Energy 201 (World Energy Resources, Supply and Utilization), 1984</p> <p><b>Lecturer</b> Engineering Science 204 (Advance Numerical Methods) Numerical solutions to engineering and mathematical problems using digital Computers, 1979</p> <p><b>Lecturer</b> Engineering Science 201 (Advance Analytical Methods) Analytical solutions to engineering and mathematical problems using equations and formulas, 1978</p> <p><b>Lecturer</b> Engineering Science 26 (FORTRAN IV Programming) Computer programming using the FORTRAN IV language, 1975</p> <p><b>Lecturer</b> Engineering Science 1 (Engineering Drawing), 1974</p>

<b>PROJECT EXPERIENCE</b>		
<b>Experience in Developing Feasibility Studies and Project Finance Advisory for Energy Efficiency, Conventional Energy and Renewable Energy Projects</b>		
<b>Period:</b>	<b>Name of Project/ funding organisation</b>	<b>Job Title and Activities undertaken/Description of actual role performed:</b>
Sep 24 - Nov 24, 2012	Comprehensive Feasibility Study for Coal-Fired CFB Power Plant Project  Test Consultants, Inc.  Asia Pacific Energy Resources Ventures Inc. (APERVI)	<b>Position held:</b> Project Finance Modeling and Feasibility Study Consultant <b>Activities performed:</b> Provided consulting services on the conduct of a Comprehensive Feasibility Study for a Proposed 2 x 100 MW Coal Fired Power Plant Project in the City of Cadiz, Negros Occidental. Services include preparation of supply/demand simulation, market study, material & energy balance, power plant design & specifications, capital cost & operating cost estimation and project finance modeling.
Sep 5 - Dec 5, 2012	Industrial Segment Analysis (Fuels Demand & Prices) - Luzon Market Study for Natural Gas from LNG  Aboitiz Equity Ventures in partnership with Gas Natural Fenosa of Spain	<b>Position held:</b> Market Study Consultant <b>Activities performed:</b> Identified potential industrial consumers that could be supplied from LNG terminal at Batangas Bay and through pipeline to market centers or through LNG trucks whichever is applicable. Insight about industrial zones and industrial parks are also requested. In addition, fuel consumption from vehicles (buses, jeepneys, taxis and the like), residential and commercial establishments is required to identify market for domestic gas distribution.
Apr - May 2012	Solar PV-Diesel Hybrid Power Generation  OMT Energy Enterprises (in-house study)	<b>Position held:</b> Financial Model Consultant <b>Activities performed:</b> Prepared solar PV and Diesel Genset project finance models and integrated the two models into a Solar PV-Diesel Hybrid power plant model for use by LGUs and DUs wishing to reduce their peaking diesel generation cost.
Feb 14 - Sep 10, 2012	Independent Oil Industry Pricing Review Committee (IOPRC)  The Department of Energy (DOE) created an independent review committee to determine if domestic prices are reasonable.	<b>Position held:</b> Technical Working Group (TWG) Member <b>Activities performed:</b> Prepared oil price calculation model to predict pump price adjustments given changes in Dubai, MOPS and FOREX as well as taxes (customs duty, excise tax, value added tax), biofuels and other logistical cost inputs (freight, insurance, transshipment, pipeline, depot, hauling fee and dealer margin).
Feb 1 - Jul 31, 2012	CDM Consultancy to Wind Energy Farms of PhilCarbon	<b>Position held:</b> CDM Project Finance Modeler <b>Activities performed:</b> Assisted on a retainer basis the CDM consultant of PhilCarbon in their wind energy farm projects in determining the annual generation, GHG emission factor for a 5-year period so that the CDM model will determine if the wind energy farm needs CER revenues to improve its viability.
Sep 1- Oct 28, 2011 (Phase 1)	Tri-Generation (Power, Heat and Space Cooling) for Data Center Park for the Government of Singapore  Hitachi Singapore is preparing the design of a combined cycle power plant using natural gas to produce electricity on-site with the national grid as backup.	<b>Position held:</b> Project Finance Modeling Consultant <b>Activities performed:</b> The waste heat from the gas turbine together with auxiliary furnace will produce steam in a boiler to further generate electricity and the spent heat will go to absorption chillers to provide chilled water which will be piped to cool the buildings housing the data center. The consultancy service will audit the existing financial model of Hitachi and enhance it further with advanced power plant Modeling techniques and project financial Modeling skills.

Aug 1 - Aug 30, 2011	Wind Energy Resource Assessment and Feasibility Study for Two Wind Sites (Bulalacao and Sagada)  PhilCarbon, Inc.	<b>Position held:</b> Project Finance Modeling and Feasibility Study Consultant <b>Activities performed:</b> Undertakes a wind energy resource assessment and pre-feasibility study for a proposed wind site in Bulalacao, Oriental Mindoro. In addition, the Consultant evaluated the wind energy resource potential of another proposed site in Sagada, Mountain Province which has an anemometer station operated by NPC from 1995-1997.
Jul - Dec 2011	Two Solar PV Power Plants in the province of Bataan  SunConnex	<b>Position held:</b> Technology & Regulatory Consultant and Solar PV Project Finance Modeling Consultant <b>Activities performed:</b> There is a need to mitigate climate change via GHG emission reduction thru carbon emission reduction in the power generation sector. With the passage of the New Renewable Energy Law and its IRR, the DOE, NREB and ERC are now in the process of developing the feed-in tariff system in the Philippines. It is in this light that SunConnex is interested in expanding its role in providing solar PV power plant in the Philippines.
May 16 - Jul 26, 2011	Pre-Feasibility Study for a Coal-fired Power Plant in Zamboanga Sibugay Province, Island of Mindanao  PNOC-EC	<b>Position held:</b> Individual Advisor for Coal-Fired Power Generation <b>Activities performed:</b> PNOC EC intends to develop a greenfield coal-fired power plant in the province of Zamboanga Sibugay in Mindanao and would like to engage the services of an Individual Advisor to conduct the related technical and financial feasibility study. The Advisor will identify potential customers, recommend the best location and optimum capacity, and determine the technical and commercial viability of the power plant.
Mar 7-Apr 15, 2011	Philippine LNG and Natural Gas Market Study  FDC Utilities, Inc.	<b>Position held:</b> Market Study Consultant <b>Activities performed:</b> Prepared a comprehensive report on the local market potential for gas in the Philippines in the next ten years. This will require a research on the following: Historical and forecasted gas consumptions in power, transportation, industrial, commercial and residential sectors in the regions of Luzon, Visayas and Mindanao; Available supply gas in the three regions and the potential for future sources of supply from the local and international market; and future trends in gas prices in local and international markets.
Jan 31 - Mar 16, 2011	Wind Energy Projects at 5 Wind Sites in Negros Oriental  Constellation Energy	<b>Position held:</b> Technical and Economic Feasibility Consultant <b>Activities performed:</b> Conducts wind energy resource assessment (wind speed, direction, power output vs. time of year), capital and O&M cost estimate and project finance modeling to determine first year tariff and economic returns of 5 wind sites in Negros Oriental.
Jun 22 - Aug 22, 2010	Consultancy Services for 150 mw Kanan Hydro Power Project  SK Engineering & Construction Corporation	<b>Position held:</b> Power Off-take Consultant and Supply / Demand Study Consultant <b>Activities performed:</b> Secure an off-taker for the Kanan Hydro plant (obtained MOU from MERALCO) and provide data on the Luzon Grid electricity supply and demand situation (historical and forecast) and price of electricity in the grid (average NPC grid, WESM rates). The Kanan Hydro plant is located near Infant and Gen. Nakar, Quezon, and drains into the Pacific Ocean.

Jun 1 - 21, 2010	Purchase of a Distribution Utility (Ibaan Electric Corporation)  E-Power Corporation	<b>Position held:</b> Technical and Financial Audit Consultant and Company Valuation Consultant <b>Activities performed:</b> Analyzed the Annual Report & Performance 2008-2009 and the Audited Financial Report 2008-2009 in order to prepare projected customer count, kW demand, kWh energy consumption, electricity tariff, revenues, power costs, and administrative expenses. This provided inputs for the projected income statement, balance sheet and net cash flow to guide the investor/purchaser of the valuation of the utility for sale.
May 23 - Jun 16, 2010	Municipal Solid Waste-to-Power Project  San Pedro Thermal Conversion Inc.	<b>Position held:</b> Feed-in-Tariff Consultant and Feasibility Study Consultant <b>Activities performed:</b> Prepared the all-in capital cost estimate (land, equipment, installation, project development, working capital, interest cost during construction) and project finance model for determining the first year tariff (feed-in tariff) of this renewable energy (RE) project for consideration by the DOE, NREB and ERC.
Apr 16 - Jun 16, 2010	Pre-Feasibility Study for a Coal-fired Power Plant in Surigao, Island of Mindanao  Benguet Mining Corporation	<b>Position held:</b> Coal-Fired Power Plant and Feasibility Study Consultant <b>Activities performed:</b> Assisted Benguet Mining Corporation in developing a financial model and to provide consulting services in the preparation of a Feasibility Study for a 70-140 mw mine-mouth coal-fired circulating fluidized bed (CFB) power plant in the island of Mindanao.
Mar 16 - Apr 16, 2010	Consultancy Services for Bidding for Appointment as Administrator of Ilijan CCGT  Aboitiz Power Corporation	<b>Position held:</b> CCGT Power Plant Financial Model and Bid Preparation Consultant <b>Activities performed:</b> Assisted Aboitiz in developing a financial model for and to provide consulting services in support of its proposed bid for appointment as Administrator of the Energy Conversion Agreement between the National Power Corporation and KEPCO Ilijan Corporation for the 1,200-MW Ilijan combined-cycle gas-turbine power plant.
Jul 27 - Oct 9, 2009	Feasibility Study for a Greenfield 250-500 Natural Gas-Fired Power Plant  PNOC-EC	<b>Position held:</b> CCGT Power Plant Financial Model and Feasibility Study Consultant <b>Activities performed:</b> Prepared feasibility study (market, technical, economic and financial) for PNOC-EC to optimize capacity of natural gas-fired combined cycle gas turbine (CCGT) power plant and determine its optimal plant location (Batangas, Laguna, Cavite). Finalized financial model, power point presentation and Feasibility Study Final Report.
Jun 1 - Jul 15, 2009	Power Plant Design and Costs Consultancy for COC 122 Coal Project  PNOC-EC	<b>Position held:</b> Coal-Fired Power Plant and Feasibility Study Consultant <b>Activities performed:</b> Prepared feasibility study for a 30, 50 or 100 MW lignite coal-fired circulating fluidized bed (CFB) power plant in Cauayan, Isabela. Completed feasibility study (market, technical, economic and financial) to optimize capacity of a mine-mouth lignite coal-fired CFB power plant and determine its plant location (near river or near mine) using the 28 million tons of coal reserves found in Cauayan, Isabela.

Apr 2008	Clean Coal Technology for 4 x 40 mw Power Generation  E-Power	<b>Position held:</b> Coal-Fired Power Plant and Feasibility Study Consultant <b>Activities performed:</b> Prepared a project finance model for Clean Coal Technology for 4 x 40 mw Power Generation (Circulating Fluidized Bed) for E-Power, a new entrant in the power generation industry in the Philippines.
Aug - Sep 2007	Guam Power Authority (GPA) O&M Financial Bid  Harty USA, Inc.	<b>Position held:</b> Diesel Power Plant and Financial Bid Preparation Consultant <b>Activities performed:</b> Prepared project finance models for evaluating the value of an asset for sale given the current state of the power asset (capacity, heat rate or efficiency); generation potential (given its over-haul and maintenance schedule, outage rate, external factors, availability); transmission line constraints; net power sales to customers; discounts and net revenue; cost of fuel and O&M costs; local and national taxes, and permits & licenses.
May 22 -Dec 31, 2007 (retainer)	Liquid Fuels & Fuel Additives Study  Octagon Chem Oil Corporation	<b>Position held:</b> Liquid Fuel and Additives Feasibility Study Consultant <b>Activities performed:</b> This project involves the provision of Combustion & Energy expertise with economic & financial analysis in order to promote the use of an aqua bio-fuel additive developed by a Japanese Inventor that will allow the blending of water with diesel oil and fuel oil (bunker fuel and low sulfur fuel oil). The addition of bio-fuel additive will reduce emissions of SO <sub>2</sub> and CO <sub>2</sub> and raise combustion efficiency due to the enhanced atomization of the fuel due to the rapid volume expansion of liquid water into vapor.

#### SPECIAL STUDIES AND REGULATORY ACTIVITIES

#### Experience in Developing Feasibility Studies and Project Finance Advisory for Energy Efficiency, Conventional Energy and Renewable Energy Projects

Period:	Employing organization and job title/position	Activities undertaken/Description of actual role performed:
Feb 1 – May 30, 2010	Study on the economic and financial status of biofuels in the Philippines  Consultant	Prepared a study for the Institute of Energy Economics, Japan, (IEEJ) for the preparation of biodiesel (copra to biodiesel CME, coconut oil to CME, jatropha to CME, sugarcane to bioethanol).
Jan 20 - 21, 2010	Feed-in Tariff Project Finance Model for DOE and NREB during the TWG Consultative Meeting of the National Renewable Energy Board and Department of Energy at Subic  Presenter	Prepared feed-in tariff (FiT) project finance model for Renewable Energy (RE) power generation technologies (biomass direct combustion, biomass cogeneration, run-of-river mini-hydro, wind, solar) for use by DOE and NREB during the TWG Consultative Meeting held at Subic International Hotel) in recommending to the ERC the FiT needed to encourage RE investments.
Dec 2, 2009	Impact of the New Renewable Energy Law and its IRR on Electricity Price (Feed-In Tariff Calculation Model)  Presenter	Presented a summary of the new RE law and its IRR, including a list of incentives, for project developers, suppliers and users of RE technologies during Energy Conference. A project finance model for calculating Feed-In Tariff (FiT) was also prepared and demonstrated to the various energy practitioners during the Energy Technology Conference & Exhibits at the New World Hotel, Makati.

Nov 11, 2009	Dam Simulation Model for San Roque Dam (pro bono)  Presenter to Congressional Ad Hoc Committee on Dams Management & Safety	Prepared a spreadsheet dam simulation model to predict dam height given the beginning dam height and water volume, inflows (from rainfall and Binga outflows) and outflows (power generation water and spill water) and using the model to estimate the lead time and quantity of pre-emptive discharge needed to attenuate and minimize spillway releases during typhoons and extreme rainfalls.
Jun 2-30, 2008 (completed)	Philippine Energy Task Force Mandated to Study the Impact of Rising Crude Oil Price to \$200/bbl  Petroleum Pricing Modeling Consultant	Prepared an energy pricing model for the Philippine Energy Task Force mandated to study the impact of the rising Dubai Crude Oil Marker to \$200/bbl to domestic prices of oil products, imported and local coal, geothermal electricity and steam, natural gas and electricity, keeping in mind the price, tax and royalty structure and its impact on government tax revenues, inflation, exchange rate, budget deficit and economic growth and credit rating, and report its findings and recommendations on how to mitigate and manage rising energy prices to the Philippine Cabinet and President.
May 2008 (completed)	TransCo Power Bill Calculation Model  Electricity Tariff Consultant	Prepared power bill model for estimating transmission charges of Transco for calculating power delivery service (PDS) rate, system operator (SO) charge, metering service provider (MSP) charge, adjustments for power factor and interruption, connection charge, residual sub-transmission charge, ancillary services charge, universal charge, and NPC effective rate.

#### **INTERNATIONAL PROJECT EXPERIENCE**

##### **Experience in International Energy Efficiency and Energy Conservation, Environment and Climate Change Consultancy (Studies, Project Evaluation)**

<b>Period:</b>	<b>Name of Project/ funding organisation</b>	<b>Job Title and Activities undertaken/Description of actual role performed:</b>
Aug 3 - Sep 5, 2012	Final Review of Energy Conservation in Small Sector Tea Processing Units in South India (Chennai, Coimbatore and Coonoor)  International Energy Consultant	This report will document the Final-Term Review of the UNDP-India project whose goal is to reduce energy consumption from tea processing units in South India, thereby restricting Green House Gases emissions and the project objective is to remove barriers and develop replicable strategies for Energy Conservation and Energy Efficiency (EC&EE) intervention in the tea processing industry in South India.
Apr 3 - May 31, 2011	Removal of Barriers to Biomass Power Generation in India, Phase I  International Renewable Energy Expert	The mid-term evaluation will assess the relevance, performance and success of the project. It looks at early signs of potential impact and sustainability of results, including the contribution to capacity development and the achievement of global environmental goals. It will also identify/document lessons learned and provide recommendations to improve project performance.
Jan 6 - 19, 2012	External Evaluation of ESMAP 2007-2011  Evaluation Consultant	The Baastel Consulting Group has been contracted by the World Bank to carry out an independent review of the outcomes and achievements of ESMAP for the last five years. ESMAP (Energy Sector Management Assistance Program) is a global knowledge and technical assistance partnership administered by the World Bank. ESMAP's primary mission is to assist low and middle-income countries to increase know-how and institutional capacity to achieve environmentally sustainable energy solutions for poverty reduction and economic growth.



Dec 5 - 26, 2011	Final Review of UNDP-China project on Demonstration for Fuel-Cell Bus Commercialization in China (Phase II)  International Energy Consultant	This report will document the Final-Term Review of the project following the monitoring and evaluation system of UNDP/GEF to promote accountability for the achievement of GEF objectives through assessment of results of activities and partnership ushered by the project and to serve as feedback mechanism as basis for decision making to improve knowledge and performance of fuel cell bus.
Sep 12 - Oct 7, 2011	Mid-term review of UNDP-China project of on Enabling China to Prepare Its Second National Communication (SNC) to the UNFCCC  International Climate Change Expert	This 4-year project has now on its mid-point, thus requires a mid-term review to assess its performance relative to its stated goals, objectives and activities. The objective of the project is to develop a more comprehensive national Greenhouse Gas (GHG) inventory, with a report of extended categories and sources of GHG emissions and applying the IPCC guidelines to reduce uncertainties in the inventory, establish a preliminary inventory database management system with a view of administering the inventory data in a more scientific way and making the preparation of GHG inventories a continuing process.
Nov 8 - 24, 2010	Mid-term review of UNDP-China Demonstration for Fuel-Cell Bus Commercialization in China (Phase II)  International Energy Consultant	This report documents the Mid-Term Review of the project following the monitoring and evaluation system of UNDP/GEF to promote accountability for the achievement of GEF objectives through assessment of results of activities and partnership ushered by the project and to serve as feedback mechanism as basis for decision making to improve knowledge and performance.
Aug 23 - Sep 29, 2010	Wind-Diesel Hybrid Power Generation (WHyPGen) Marketing Development Initiatives in Indonesia  International Technical Consultant and Renewable Energy Project Development Expert	Leads a Project Development Team of over 5 Indonesian National Technical Consultants (NTCs) that is tasked to design and develop GEF Renewable Energy Project specifically on Wind-Diesel Hybrid Power Generation (WHyPGen). The output is the final version of the Project Document (ProDoc) and the CEO Endorsement Request (CER). A total of 17 wind sites and 12 wind turbine manufacturers/models were analyzed to arrive at the annual power generation and capacity factor.
Jun 22 -Dec 22, 2007	Department of Energy (DOE) and World Bank (WB) Biomass-Diesel Hybrid Power Generation Project under Qualified Third Party (QTP) Programme  Electricity Tariff and Financial Modeling Consultant	This six (6) month consultancy service intends to assist the Department of Energy (DOE) and the Energy Regulatory Commission (ERC) in evaluating Qualified Third Party (QTP) proposals for missionary electrification. By looking into other technology alternatives, configuration and capacity, the "Best New Entrant" Full Cost Recovery Rate (FCRR) will be recommended in order to ensure adequate, reliable and affordable energy services to the rural communities in the Philippines.
<b>Reference no.1</b>	<b>Name:</b> Dr. Guillermo Balce <b>Designation:</b> Project Manager <b>Organization:</b> Daguma Coal Project, SMC GLOBAL POWER Holdings Corporation <b>Contact Information:</b> +63-917-8421333 <a href="mailto:grbalce@gmail.com">grbalce@gmail.com</a>	
<b>Reference no.2</b>	<b>Name:</b> Ms. Ruth Owen <b>Designation:</b> President <b>Organization:</b> PhilCarbon <b>Contact Information:</b> +63-917-5275466 <a href="mailto:ruthyuowen@philcarbon.com">ruthyuowen@philcarbon.com</a> , <a href="mailto:ruth.yu.owen@gmail.com">ruth.yu.owen@gmail.com</a>	

<b>Reference no.3</b>	<b>Name:</b> Dr. Francisco Viray <b>Designation:</b> President and CEO <b>Organization:</b> Phinma Energy Corporation <b>Contact Information:</b> +63-916-4879747 <a href="mailto:flviray@phinma.com.ph">flviray@phinma.com.ph</a>
<p><i>I, the undersigned, certify that to the best of my knowledge and belief that, this CV correctly describes my qualifications and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.</i></p> <p><i>Marcial T. Ocampo</i></p> <p>Marcial T. Ocampo <span style="float: right;">Date Signed: 30 October 2017</span></p>	

