

Energy Development Council



ANNUAL REPORT FY 2072 /2073 2016

INTRODUCTION

Nepal has had a long experimental experience with energy for more than 100 years. Along this time, many organizations and associations representing various interest groups in the energy sector were formed and continue to exist. They continue to lobby for their vested interests. But during this time, not one single institution that represented the interests of the entire energy sector of Nepal was formed. Not one platform where all the stakeholders of the energy sector could come together and communicate with each other to compile a single unified voice to advance the energy sector was heard. And most importantly, not one institution that looked beyond their organizations vested interests towards the broader national interest in terms of energy security for Nepal and energy access for Nepali's was established; Until the establishment of Energy Development Council.

We are proud to establish EDC as the only umbrella organization that represents the entire energy sector of Nepal; from energy developers, energy associations, energy financiers and energy funds, to energy contractors and energy consumer from both the private and government sectors that involved in the hydro, solar, wind and other renewables fields of this sector.

Our goal is to ensure every Nepali receives energy access and energy security by promoting favorable policies and investments.

OBJECTIVES

To reach this goal, our objectives are to:

1. Act as the representative of the integrated energy sector of Nepal.
2. Be A think tank providing policy advice to the key stakeholders in the energy sector.
3. Provide a platform where regional, national and international interactions can take place regarding the issues and developments in the energy sector.
4. Facilitate investment into the Energy Sector via targeted initiatives and activities.
5. Advocate for energy-sector friendly regulations.
6. Create domestic and external linkages with key stakeholders in the energy sector.
7. Consolidate and update energy information to create a state of the art information warehouse.
8. Operate on a “project” oriented platform where we lead by example.

We are proud to say that within a short span of its formation, we have performed on each of the above 8 objectives that will bring us closer to achieving our goal. To fulfill the above mentioned objectives we have been actively working in Energy Sector Public Advocacy, Energy Sector Policy Improvements and Energy Sector Investment Promotion.

And in this time, EDC expanded its membership base to 47 member institutions, constituted an executive body to run the council, formed a legal cell and advisory panel for effectively monitoring and

advising the council. As of today, I can confidently inform you all that there is no single organization in Nepal with the complete energy sector reach when compared to our council.

ACCOMPLISHMENTS

1. EDC 1st AGM was held successfully for the year 2071/72.
2. EDC successfully held three executive committee meetings and one board of directors' meeting to execute and update each other about the progress and to discuss about the plans and provide suggestions.
3. On a quarterly basis, EDC successfully conducted interaction program on:
 1. "The three main problems of hydroelectricity sector development in Nepal", Barbar Mahal Revisited. In the panelist, present were Deputy Prime Minister and Energy Minister Mr. Top Bahadur Rayamajhi, Land Reform Minister Mr. Ram Kumar Subba, Energy Secretary Suman Sharma, Joint Secretary Krishna Acharya of the Forest Ministry, MD of NEA Mr. Mukesh Kafle and Lawmaker and President of the parliamentary Agriculture and Water Resources Committee Mr. Gagan Thapa. The discussion included major three points: 1. Signing of Expensive US Dollar PPA for Foreigners which is going to be announced by Government of Nepal in upcoming Energy Crisis Mitigation Plan, but not signing cheaper PPA's of Nepali Developers. 2. Ministry of Forest requirements from Nepali Hydropower Developers to pay a fee as Payment for Environmental Services for its contribution to saving more trees from being cut. The Ministry also requires Hydropower Developers who rent its land for 30 years (duration of the hydropower license) to pay a rental fee and also provide it equivalent amount of land it has rented for free. 3. Ministry of Land Reform applies land ceiling rule of 75 ropanis to hydropower projects in same manner as to individual land owners/ traders.
 3. "On-grid solar projects in Nepal: Challenges & Opportunities", at DECC Hall, United World Trade Center, Tripureshwor, Kathmandu. Mr Pushkar Manandhar from the Asian Development Bank Nepal Resident Mission (ADB) and Mr Surendra Rajbhandari from Nepal Electricity Authority (NEA) were invited to share their respective organisation's imminent plans for on-grid solar projects in Nepal. Mr Manandhar, who shared the Bank's plan for on-grid project in Nepal, through its South Asia Subregional Economic Cooperation (SASEC) project. He told that ADB has allocated around \$18.5 million of immediate grant fund to NEA to use for on-grid solar projects. While, Mr Rajbhandari orally shed light on NEA's plan of calling a Request For Proposal (RFP) to buy solar power from independent power producers. He told that, in the first phase, NEA would allocate limited number of substations of size 66kVA and 132kVA, only in certain locations, for off-taking the solar power to its grid. These substations would be determined based on the grid impact study report that they have recently concluded. At each substation, minimum size of a solar plant would be of 4MW and maximum up to 20MW. There will be a bidding process, where Independent Power Producers would have to propose two PPA tariff rates- first rate for

up to June 2022, until the ADB funding period, and second rate to valid from 2022 till the rest of project period".

4. EDC lobbying addressed in the Government Bill. It is a pleasure to announce that the National Energy Crisis Reduction Program and The Electricity Development Plan for a decade that was approved by the cabinet was a result of EDC lobbying for many of the positive changes to be made in the energy sector - which is apparent from the 19 point plan EDC released and informed with various government departments and ministers much before this plan was approved. We have had the most major role in bringing through the changes in this governments thinking. Below is the 19 point plan EDC had continually lobbying and the blue highlighted ones have been fully addressed and the yellow highlighted ones have been partially addressed in the present government bill.

नेपालको ऊर्जा सुरक्षा

सि.नं.	गर्नुपर्ने निर्णयहरू	सम्बद्ध मन्त्रालय	समय सीमा
१.	विद्युतीय सवारी साधन, विद्युतीय खाना पकाउने चुल्हो र ऊर्जा सम्बद्ध सबै आयोजनामा सबै प्रकारका कर, महसुल तथा मूल्य अभिवृद्धि कर (भ्याट) ०.१% मा झार्ने	अर्थ मन्त्रालय / मन्त्रिपरिषद् निर्णय / अध्यादेश	अल्पकाल
२.	<p>विद्युतीय सवारी साधन, विद्युतीय चुल्हो, सौर्य ऊर्जाका सामग्री, जलविद्युत्का इलेक्ट्रोमेकानिकल, हाइड्रोमेकानिकल उपकरणहरू 'एसेम्बलड इन नेपाल' का लागि निम्न सुविधाहरू दिने :</p> <p>क) आयातीत पार्टपूजामा शून्य भन्सार दर</p> <p>ख) शून्य मूल्य अभिवृद्धि कर</p> <p>ग) १० वर्षका लागि आयकर छूट र त्यसपछिको पाँच वर्षका लागि आयकरमा ५० प्रतिशत छूट</p> <p>घ) लगानीकर्ताले चाहेमा उक्त उद्योग स्वतः विशेष आर्थिक क्षेत्रभित्र राख्ने</p> <p>ङ) विद्युतीय सवारी साधनमा ११ औं वर्षको हासकष्टी एकैपटक गर्न पाउने व्यवस्था</p> <p>च) विद्युतीय सवारी साधनका लागि सरकारी बैंकबाट औसत बजारको ब्याजदरभन्दा २ प्रतिशत कममा ऋण उपलब्ध गराउने र विद्युतीय सवारी साधन उपयोग गर्ने र विद्युतीय चुल्हो प्रयोग गर्ने उपभोक्तालाई बजारको औसत ब्याजदरभन्दा तीन प्रतिशत सस्तोमा ऋण उपलब्ध गराउने</p> <p>छ) विद्युतीय सवारी साधनको एसेम्ब्ली प्लान्टलाई नियमित विद्युत आपूर्तिको ग्यारेन्टी गर्ने</p>	अर्थ मन्त्रालयमार्फत मन्त्रिपरिषद् निर्णय / अध्यादेश / वार्षिक बजेट	अल्पकाल

	<p>ज) सबै सरकारी स्वीकृति हटाउने</p> <p>झ) बहुवर्षीय नवीकरण हुने सुविधासहित कम्तीमा ३० वर्षका लागि सरकारले लिजमा जग्गाको बन्दोबस्ती गरिदिने र एसेम्बली प्लान्टको निर्माण सामग्रीमा भ्याट नलिने</p> <p>ञ) श्रम विवाद तथा आमहडतालका कारण बन्द भएमा र गुण्डागर्दीका कारण तोडफोड भएमा उचित क्षतिपूर्ति दिने</p> <p>ट) विदेशी कामदार र परामर्शदाताका लागि एकैपटक पाँच वर्षको वर्किङ भीसा दिने</p> <p>ठ) एसेम्बली कम्पनीलाई 'कमर्सियल्ली इम्पोटेन्ट पर्सन' (सीआइपी) को सम्मान दिने</p> <p>द) नेपालमा बनेका त्यस्ता उत्पादनलाई विदेश निर्यात गर्दा कर र भन्सार नलिने</p>		
३.	सबै प्रकारका सौर्य ऊर्जामा समान कर युक्तिसंगत संरचना लागू गर्ने, वैकल्पिक ऊर्जा प्रवर्द्धन केन्द्र र नवीकरणीय ऊर्जा परीक्षण केन्द्रको पूर्व स्वीकृति अन्त्य गरी पारदर्शी प्रणाली अवलम्बन गर्ने	अर्थ मन्त्रालयमार्फत मन्त्रिपरिषद् निर्णय/अध्यादेश	अल्पकाल
४.	घरको छतमा सौर्य पाता (सोलार रूफ टप) प्रवर्द्धनमा जोड दिने र केन्द्रीइ नवीकरणीय ऊर्जा कोषमा सहज पहुँच वृद्धि गर्ने	अर्थ मन्त्रालय	अल्पकाल
५.	नेपाल-चीनबीच वीप्पा सम्झौता गर्ने	अर्थ मन्त्रालय/मन्त्रिपरिषद्	अल्पकाल
६.	नेपाल-चीनबीच विद्युत् व्यापार सम्झौता (पीटीए) गर्ने	ऊर्जा मन्त्रालय र मन्त्रिपरिषद्बाट स्वीकृति	अल्पकाल
७.	मन्त्रिपरिषद्ले नियुक्त गरेको स्वतन्त्र विज्ञको कमिटीमार्फत नेपालको विद्युत् ऐन मस्यौदा	मन्त्रिपरिषद्	अल्पकाल

	तीन महिनाभित्र तयार गर्ने		
८.	देशभर सोलार माइक्रोग्रीड विकास गरी उपभोक्तालाई विद्युत् आपूर्ति गर्न निजी क्षेत्रलाई सहभागी गराउने	विज्ञान, प्रविधि तथा वातावरण मन्त्रालय/मन्त्रिपरिषद्	अल्पकाल
९.	सबै जलविद्युत् तथा ऊर्जा आयोजनासित 'लेऊ वा तिर' (टेक अर पे) मा आधारित विद्युत् खरीद सम्झौता (पीपीए) गर्ने, र प्रसारणयोग्य (डिस्प्याचेबल) पीपीए बन्द गर्ने	मन्त्रिपरिषद् निर्णयबाट ऊर्जा मन्त्रालय मार्फत नेपाल विद्युत् प्राधिकरणलाई निर्देशन दिने	अल्पकाल
१०.	आगामी सन् २०२० को डिसेम्बरभित्र पूरा भई व्यापारिक उत्पादन सुरु गर्ने सम्पूर्ण जलविद्युत् आयोजनाका लागि पीपीए दरमा वृद्धि र पीपीए अवधिभर वार्षिक वृद्धिको व्यवस्था गर्ने	मन्त्रिपरिषद् निर्णयबाट ऊर्जा मन्त्रालय मार्फत नेपाल विद्युत् प्राधिकरणलाई निर्देशन दिने	अल्पकाल
११.	सौर्य, फोहोर, र अन्य नवीकरणीय ऊर्जाबाट उत्पादित बिजुलीलाई पोस्टेड रेट घोषण गर्ने	मन्त्रिपरिषद् निर्णयबाट ऊर्जा मन्त्रालय मार्फत नेपाल विद्युत् प्राधिकरणलाई निर्देशन दिने	अल्पकाल
१२.	सय मेगावाटसम्मका आयोजनाका लागि वातावरणीय प्रभाव मूल्यांकन (इआईए) गर्नुनपर्ने त्यसको साटो प्रारम्भिक वातावरणीय परीक्षण (आईईई) मात्र गरे पुग्ने र प्रसारण लाइनका लागि पनि सोही एउटै आईईई गरे पुग्ने	ऊर्जा मन्त्रालय, वातावरण मन्त्रालयमार्फत मन्त्रिपरिषद्/अध्यादेश	अल्पकाल
१३.	जलाशययुक्त विद्युत् आयोजनाको पोस्टेड पीपीए दर घोषणा गर्ने	ऊर्जा मन्त्रालयमार्फत विद्युत् प्राधिकरणलाई निर्देशन दिने	अल्पकाल
१४.	हालै स्थापित राष्ट्रिय प्रसारण लाइन कम्पनीमार्फत नेपालमा निर्माण हुने सबै प्रकारका प्रसारण लाइन आयोजनासम्बन्धी ठेक्का नेपाली सेनालाई दिने र प्रारम्भिक वातावरणीय परीक्षण (आईईई) बाहेक सबै प्रक्रिया खारेज गर्ने	ऊर्जा मन्त्रालय र रक्षा मन्त्रालय मार्फत मन्त्रिपरिषद्	अल्पकाल
१५.	वनसम्बन्धी स्वीकृति केवल मन्त्रालय तहबाट मात्र गर्ने र हाल वन मन्त्रालयले जलविद्युत् आयोजनाहरुसित लिदै आएको 'वातावरणीय सेवा शुल्क' खारेज गर्ने र सरकारलाई जग्गाको साटो जग्गै उपलब्ध गराउनुपर्ने नियम रद्द गर्ने	वन र ऊर्जा मन्त्रालयमार्फत मन्त्रिपरिषद्	अल्पकाल

१६.	नेपाल विद्युत् प्राधिकरणको व्यवस्थापन विश्वव्यापी प्रतिस्पर्धामार्फत नियुक्तगर्ने, २५०० मेगावाट उत्पादन गर्ने र प्राधिकरणलाई नाफामा पुऱ्याउने शर्त राख्ने	मन्त्रिपरिषद् बाट ऊर्जा मन्त्रालय	अल्पकाल
१७.	विद्युत् प्राधिकरणलाई नदी प्रवाही (रन अफ रिभर) र १०० मेगावाटभन्दा मुनिका आयोजना निर्माणमा प्रतिबन्ध लगाउने	ऊर्जा मन्त्रालयमार्फत विद्युत् प्राधिकरणलाई निर्देशन दिने	अल्पकाल
१८.	प्रसारण शुल्क (व्हिलिङ चार्ज) तोकी निजी क्षेत्रलाई बिजुली उत्पादन गर्न दिने	ऊर्जा मन्त्रालय	अल्पकाल
१९.	गार्हस्थ्य विद्युत उत्पादनका लागि 'नेट मिटरिङ' र 'फिड इन ट्यारिफ' लागू गर्ने	ऊर्जा मन्त्रालय	अल्पकाल

5. Special Meetings

EDC delegation visit to Rt. Honorable Prime Minister of Nepal, Embassies, and Government and Non-government organizations in Nepal to exchange ideas and explore cooperation in promoting the energy sector of Nepal and among countries. Some very important collaboration had been initiated, with most being engaged in the recent Summit of 2016.

- EDC Meeting with H.E. Mr. Glenn White, Ambassador of Australian Embassy
- EDC meeting with H.E. Mr. Ranjit Rae, Ambassador of Embassy of India.
- EDC Meeting with H.E. Mrs. Rensje Teerink, Ambassador of Head of Delegation of the European Union to Nepal, Andreas Rottger, First Counsellor, EU & Mr. Madhav P. Khakurel, Nepal Consultant, EIB.
- EDC Meeting with the Dr. Himesh Dhungel, Country Director, MCC, Embassy of the United States of America, Mr. Michael Boyd, Senior Energy Policy, USAID and Strategy Advisor & Ms. Stephanie Reed, Deputy Political and Economic Chief, US Embassy.
- EDC Meeting with H.E. Matthias Meyer, Ambassador of Embassy of the Federal Republic of Germany.
- EDC Meeting with H.E. Mr. Choe Yong-Jin, Ambassador of Embassy of the Republic of Korea.
- EDC Chairman, Mr. Sujit Acharya meets Mr. Dhana Bahadur Tamang , Secretary of Water and Energy Commission Secretariat
- EDC Meeting with Mr. Ashish Sinha, First Secretary (Commerce), Embassy of India

- EDC Chairperson, Mr. Sujit Acharya meets Honorable Energy Minister Mr. Top Bahadur Raimajhi.
- EDC meeting with Mr. Nigel Hall, Managerial Advisor, Project Directorate, European Investment Bank and Mr. Madhav P. Khakurel, Nepal Consultant EIB.
- EDC paid a visit to the Norwegian Embassy to brief about the Nepal Investment Power Summit and met his Excellency, Mr. Knell Tormod Pettersen, along with Mr. Jan Eriksen, Counsellor and Mr. Bibek Chapagain, Energy Advisor of Norwegian Embassy.
- EDC and Neoventure visited Mr. Mukesh Kafle, Managing Director of NEA.
- EDC meet with Mr. Radhesh Pant, CEO of Investment Board Nepal (IBN). IBN accepted to be the "Government Organizer" of Power Investment Summit 2016.
- EDC meeting with Mr. Suman Prasad Sharma, Secretary of Ministry of Energy. We invited him to be one of the speakers in the Summit and requested if they would want to endorse the Summit. In principle, Mr. Sharma agreed to our proposal and also showed interest in welcoming the foreign delegation to the ministry.
- EDC visited Dr. Yubaraj Khatiwada, Vice- Chairman of National Planning Commission.
- EDC invited Honorable Environment Minister Mr. Jay Dev Joshi in an interaction program organized at EDC office. Minister called for a written proposal from EDC to implement its plans to end load shedding and get rid of imported fossil fuels in Nepal.
- EDC visits H.E. Maria Teresa Mesquita Pessoa, Ambassador of Brazil. Present political instability of the nation and how to become less dependent on imported fossil fuel with the efficient use of available natural resources were the major topic for discussion on the session.
- EDC Chairperson, Mr. Sujit Acharya meets: China Electricity Council President Mr. Yang Kun and China Economic Cooperation Center Vice President Mr. Wu Baocai, China Energy Storage Alliance Deputy Secretary General Ms. Vivian Wei.
- EDC meeting with Mr. Ujjwal Thapa, President of Bibeksheel Nepali, a new and rising political party of youths and Mr. Thapa showed enthusiasm in learning more about how to frame energy sector friendly policies. The Council also had a meeting with Mr. Rudra Singh Tamang, Chief & Executive Officer of Kathmandu Metropolitan City to discuss a pilot project on how to make Kathmandu a smart city.

6. We had successfully conducted Nepal Power Investment Summit 2016- the largest Power and Investment Summit ever organized in Nepal. This was the first time a summit that brought together foreign investors, contractors, consultants and high powered speakers from all over the world. Through the summit, a message was sent to the world that the investment climate is improving and Nepal is ready for business.

There were more than 300 participants from China, USA, Canada, Bulgaria, Norway, India, Bhutan, Slovenia, Czech Republic, Thailand, Vietnam, France, Austria, UK among others. Allard Nooy, CEO of Infraco Asia, Radhesh Pant, CEO of IBN, SC Agrawal, CEO of SAPDC, Deepak Amitabh, CMD Power Trade Corporation India Limited, William Pegues OPIC and Kuenga Namgay, Director of O&M Druk Green Power Corporation are among the prominent speakers.

Altogether 40 speakers discussed about Nepal power market, policy updates and financing methods for power development in Nepal, power transmission and distribution in Nepal, role of Nepal's decentralized renewable in the energy mix and various hydropower project showcased in the two-day conference. Besides the conference, there was also a Project Expo where national and international energy related companies showcased their projects and products.

WAPCOS India, Infraco Asia Singapore, Dragon Capital Thailand, Power Trade Company India, China International Water and Electric Corporation along with other companies are prominent participant investment companies. Out of 40 national and international high-powered speakers, at first day 20 speakers shared their expertise, views and experiences on Nepal power market, opportunities and challenges of rebuilding Nepal's power market, policy updates and financing methods for Nepal power development, experience sharing from leading utilities and private sector perspectives.

The Summit declared that Nepal requires USD 20 billion to develop 10,000 MW on grid hydropower projects in next 10 years, and there is the need of USD 5 billion dollar requires investment in high voltage transmission line projects to complete within 2035.

Budhigandaki 1,200 MW, Nalsingad 410 MW, Tamor 762 MW, Andhikhola 180 MW, Tamakoshi V 87 MW, Upper Tamor 415 MW, Tamakoshi III 650 MW and Thuli Bheri 530 MW projects were identified as prominent opportunities for investors.

Investors expressed interest to explore investing in mid and large scale power projects in Nepal worth billions of dollars provided the investment environment improved and Nepal's ranking in the ease of doing business increased. They expected to soon have a one-window policy to get all necessary approvals and permits for doing business.

The after-event Trade Mission (2nd and 3rd June) was a significant activity for Nepal Power Investment Summit 2016, which would create a perfect platform between concerned industrial players and Nepal Government/key players for exchanging technical know-hows. Highlights of the trip were as follows:

- Ideal platform for industrial players and Nepal Government/key players to exchange technical know-hows
- In-depth understanding of Nepal power market and formulating detailed investment plan from both sides

- Exclusive networking hours for Nepal Government/key players and international potential investors

- Mr. Suman Prasad Sharma, Secretary of Ministry of Energy led the team from the ministry and hosted the foreign delegates

Discussion of Master Plan of Nepal Power Development in the following 5-10 Years was carried out.

- Mr. Radhesh Pant, CEO of Investment Board of Nepal greeted and hosted the delegates. Foreign Direct Investment (FDI)

Policy, investment environment in Nepal, power generation plant investment policy and process, resettlement problem was discussed during the meeting.

- Mr. Mukesh Raj Kafle, Managing Director of NEA hosted the delegates and the meeting included Specific hydro and

Transmission & Distribution (T&D) project planning, focal investment projects showcase.

On 3rd June, the delegates were taken to visit Pharping hydroproject, the old project of Nepal. They were brief about the important history and the technology of the project.

7. Inauguration of book “Inventory of Rivers of Nepal”

EDC launched the book “Inventory of Rivers of Nepal” in the presence of Dr. Yuwaraj Khatiwada, Vice-Chairman of National Planning Commission and Her Excellency Ms. Alaina B. Teplitz, Ambassador of Embassy to United States of America to Nepal.

8. Training Opportunities to EDC Members

Mr. Kushal Gurung (Wind Power Nepal) and Mr. Komal Nath Atreya (Nepal Electricity Authority) to participate on the ongoing “Seminar On Solar Energy Applications for developing Countries This is a 21 days seminar in Lanzhou, Gansu Province, China which was organized by Gansu Natural Energy Research Institute (GNERI)/UNIDO.

9. Established Partnerships

We have continued establishing formal linkages with important international organization for cooperation in development of energy sector. This year we have signed MoU with Hangzhou Regional Centre (HRC). This agreement will create a comprehensive hydropower and renewable energy cooperation between stakeholders in both the countries. HRC is an organization formed in 1981 by the Chinese government and the United Nations to help developing countries build their technical capacity in hydro and renewal energy.

We have also signed MoU with Gansu Natural Energy Research Institute (GNERI)/UNIDO International Solar Energy Center for Technology Promotion and Transfer (UNIDO-ISEC) is an international organization located in Lanzhou city, China. It aims at facilitating the promotion and transfer of solar and other renewable energy technologies. It promotes the South-South cooperation and economic and social sustainable development of the whole world and developing countries in particular. Through this MOU both parties have agreed to work

together for the mutual benefit of their respective organizations, organize high level meeting and various events, conferences, summits and programs about energy upon mutual consent, invite each other to all its conferences, summits and various programs.

10. EDC Chairperson Mr. Sujit Acharya was invited to as a keynote speaker on 3rd Annual China Energy Storage Innovation & Technology Summit held on November 2016, Shenzhen. He presented a key speech on the title “Billion Dollar Microgrid Opportunity in Nepal” thereby introducing to the whole world about our Council and the huge opportunity in energy sector in Nepal. Many microgrid companies have approached in getting more information and partnership.
11. We are continually expanding our post reach and making an active presence on the social networking front. Our EDC Facebook page has reached over three thousand likes. Likewise, we have be updating the EDC website and maintaining it well.
12. We also developed annual calendar that highlighted the important information about energy sector of Nepal as well as highlighted remarkable achievement provided by our member organizations.
13. EDC has been continually advocating on various topics for the progress of energy sector in Nepal through various national media such as TV, newspaper, interaction programs. We have continued collaborating with Himalayan Times and have successfully produced 10 publications and will continue to do so. Further, EDC’s activities and opinions have been covered in various media such as newspapers & magazines (Himalayan Times, Nagarik, Annapurna Post, Abhiyan, Karobar, Spotlight magazine, Business Age, Kantipur, Online Khabar. com, Urja News, Setopati.com), TV and radio Till date, the print medias have covered over 60 times. Likewise, our members have been invited by Mountain TV over five times in the program “Urja Bahas” and some in Kantipur TV as well.
14. EDC has continued producing a monthly e-newsletter. Its first issue was published on September 2014. This year we we have successfully published 11th issue covering our activities, pertinent energy news of our country and globally, news and updates about our member companies. One of the main sections of the newsletter is the editorial where the writer reflects their views on the energy sector including various kinds of burning issues/reform/policies needed to add to the progress of the sector. And so far our members have contributed in writing the editorial covering the hydro, solar and wind sector. We are thankful to the writers for giving their valuable time for their active participation. We have been continually increasing our readers’ membership base that are working or have keen interest in energy sector in and out of Nepal. So, far we have over three thousand readers consisting of high level energy sector decision makers and high level politician around the world and this newsletter is sent directly to their personal email. Further, we also have also published selective editorials from our newsletters in national newspapers so that the opinion of our members gets a national audience. Various interviews of our member companies were conducted and published in the newsletter continuously in order to promote them to our readers. EDC is only organization in the energy

sector where we consciously ensure all EDC member companies are being promoted individually in the media – a key benefit to being an EDC member.

15. We have continued expanding our membership base rapidly and now we have forty-seven members from all leading energy organizations that are a crucial part of EDC. I would like to thank each and every one of you who now are together are called Energy Development Council. I would also like to let all our members know that we are extremely selective in including new members into the council – and we will continue to screen to ensure only the real energy sector stakeholders continue to join us.
16. I am sure that our members can see from these above highlights I have presented to you as to how active we have been in establishing our councils voice and presence within Nepal and internationally.

PLANNING FOR THE YEAR AHEAD


Following are our plans we have in this coming year as there is a lot to build upon from our initial efforts.




















1. We shall drive harder on our envisioned project “Developing Nepal’s First Digitalized Energy Library”. A draft of MoU has already been presented to the NEA and we have received positive feedback. As NEA is in the EDC board, we are hopeful that this project shall be executed this year.
2. EDC shall carry out the 2nd phase study of determining the Hydraulic Resources Potential of Nepal from the 11614 river and rivulets, the study published in a book “Inventory of Rivers and Riverlets” by EDC last year. Prof. Dr. Iswor Bajrachaya has been approached to lead the project. EDC shall establish partnership with the Pulchowk Engineering Campus for field study. We will have the scientific authoritative hydro potential data this year.
3. We target to expand our membership base to reach 70 member institutions this year.
4. We target an external membership of EDC in the following international platforms: International Chamber of Commerce, World Energy Forum, International Hydropower Association, World Economic Forum, Boao Forum and China's Silk Road Initiative.
5. We will be establishing important formal linkage and make a remarkable achievement in the history of Nepal. We shall be doing comprehensive agreement with China Electricity Council (CEC) very soon. Founded in December 1988, CEC is a joint organization of China's power

enterprises and institutions. CEC now has 939 members in total with State Grid Corporation of China as president member and 16 major power corporations and institutions as vice president members. Most of these members are engaged in business of every aspects of power industry, including power generation, transmission, distribution, engineering, construction and R&D, etc. With 14 departments in its head-office, 7 branch associations and 2 specialty committees, CEC has formed a functional and orderly service network covering the nation-wide power industry.

6. EDC shall also do MoU with CECC (China Economic Cooperation Center), which is the Communist Party arm for promoting economic cooperation among high level political organizations and politicians worldwide and responsible for the One Belt One Road Initiative. They want to lead an energy delegation to Nepal and want EDC to be the host. Therefore, we shall organize a Business Dialogue Program in Nepal where CEC shall finance the program. Various former Prime Ministers of different countries including China and India will also be invited.
7. We shall be hosting A Power Summit around September 2017, bringing investors, contractors, consultants from around the world and match make up them on the spot with the companies here who are seeking for equity investment, debt investment, contractors, consultants, partners or completed projects who are look to sell.
8. International trainings such as “ How to get EPCF in developing countries from China” which will be provided by HRC and other hydro related training to be provided by International Centre for Hydropower, Norway.
9. We are in the process of opening our second contact office in the financial capital of Asia I.e. Shanghai. Once this office is operational, all EDC members will be able to use it free of charge to advance their business activities.
10. We shall be conducting the micro-grid feasibility study.
11. We shall also advocate about One-Window Clearance Model and develop a framework to IBN.
12. We shall continue advocating and lobbying about creating an electricity driven market in Nepal.
13. All regular energy sector networking activities with government entities, bi-laterals, multilaterals, etc will be continued in a progressive manner.
14. We will continue to explore any other activities of major importance that may arise during the year.

EDC MEMBERSHIP LIST

S. No.	Name of the Organization	Organization logo
1.	Nepal Electricity Authority	
2.	Alternative Energy Promotion Center	
3.	Chilime Hydropower Co. Ltd.	
4.	Madhya Bhotekoshi Jalvidyut Co. Ltd.	
5.	Rasuwagadhi Hydropower Co. Ltd.	
6.	Sanjen Jalavidhyut Co. Ltd.	
7.	Butwal Power Company Ltd.	
8.	Hydroelectricity Investment and Development Company Ltd.	
9.	IDS Energy Pvt. Ltd.	
10.	Arun Valley Hydropower Development Co. Ltd	
11.	Dantakali Hydropower Pvt. Ltd.	
12.	Reliable Hydropower Pvt. Ltd.	
13.	Himalayan Infrastructure Fund	
14.	Sanvi Energy Pvt. Ltd.	
15.	Dibyashwari Hydropower Ltd.	
16.	Shiva Shree Hydropower Co. Ltd	
17.	Wind Power Nepal	
18.	Gham Power Pvt. Ltd.	

S. No.	Name of the Company	Company logo
19.	Lotus Energy Pvt. Ltd.	
20.	Sun Farmer Nepal Pvt. Ltd	
21.	CEDB Hydro Fund	
22.	Nabil Bank Limited	
23.	NMB Bank Limited	
24.	Global IME Bank Limited	
25.	Prime Commercial Bank Ltd.	
26.	Century Bank Limited	
27.	Transweld Pvt. Ltd.	
28.	TSN Energy Pvt. Ltd.	
39.	Waiba Infratech Pvt. Ltd.	
30.	North Hydro & Engineering Pvt. Ltd	
31.	Nepal Hydro & Electric Ltd.	
32.	Nepal Hydropower Association	
33.	National Association of Community Electricity Users Nepal	
34.	Chhyangdi Hydropower Ltd	
35.	Saral Urja Nepal	
36.	Rara Hydropower Development Company P Ltd	
37.	Dudhkoshi Power Co. Pvt. Ltd	

S. No.	Name of the Company	Company logo
38.	ICTC Energy Pvt. Ltd	
39.	High Himalaya Hydro Construction Pvt. Ltd	
40.	Aankhu Khola Jalvidhyut Co. Ltd.	
41.	Himalayan Bank Ltd.	
42.	Comtronics Pvt. Ltd	
43.	Source & Solutions Pvt. Ltd	
44.	United Modi Hydropower	
45.	Everest Equity	
46.	SM Electricity Pvt. Ltd.	
47.	Hira Ratna Hydropwer Pvt. Ltd.	