

ENERGY BULLETIN

July, 2014 - Volume: 2, Issue 7

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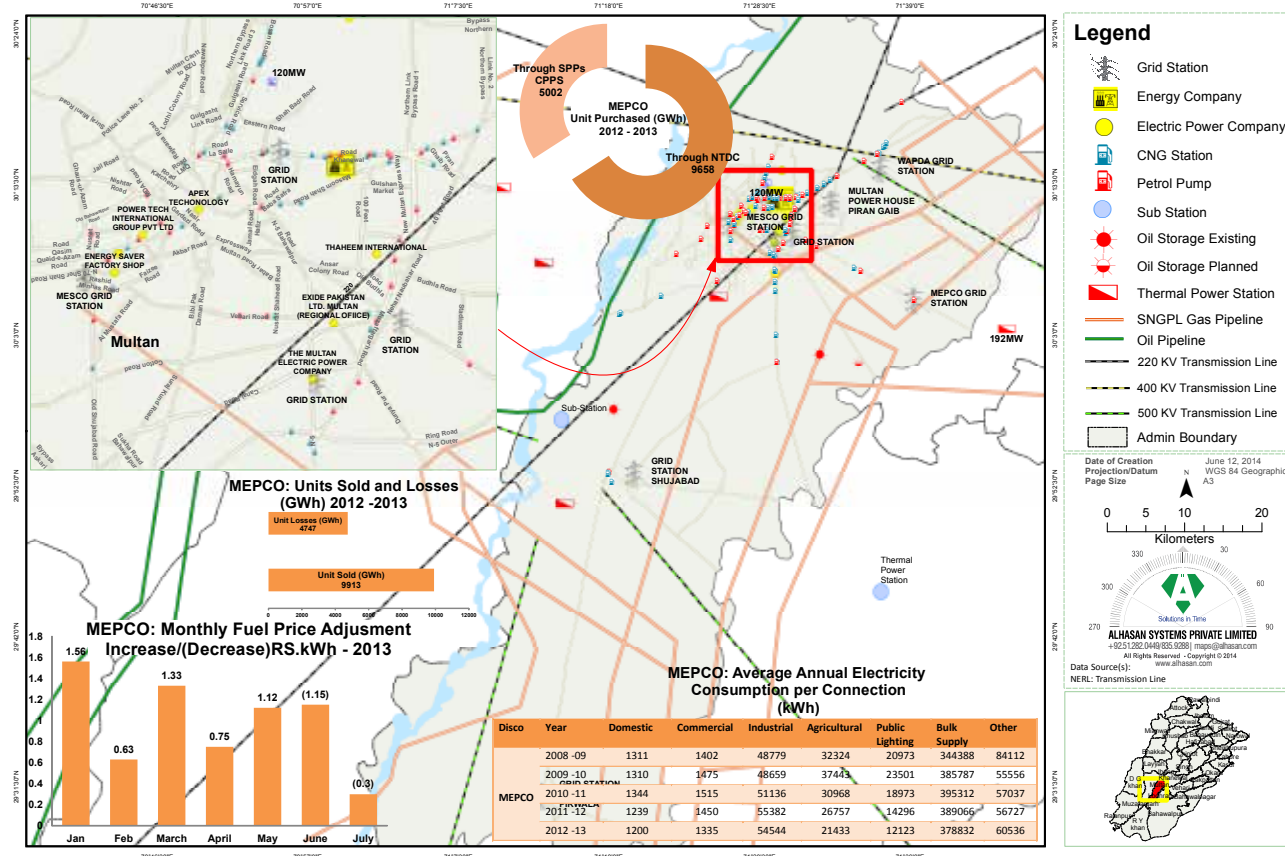
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MULTAN ENERGY PROFILE



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PUBLISHER: ALHASAN SYSTEMS PRIVATE LIMITED - ISSN 2312-1491

205-C 2nd Floor, Evacuee Trust Complex, Sector F-5/1, Islamabad, Pakistan. +92.51.835.9288. bulletins@alhasan.com



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- Monthly Price Indices for October, 2013
- Monthly Advance releases on Foreign Trade Statistics for September, 2013

Both reports are available at
<http://pbs.gov.pk>

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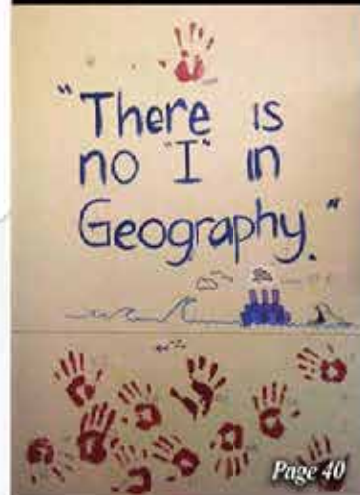
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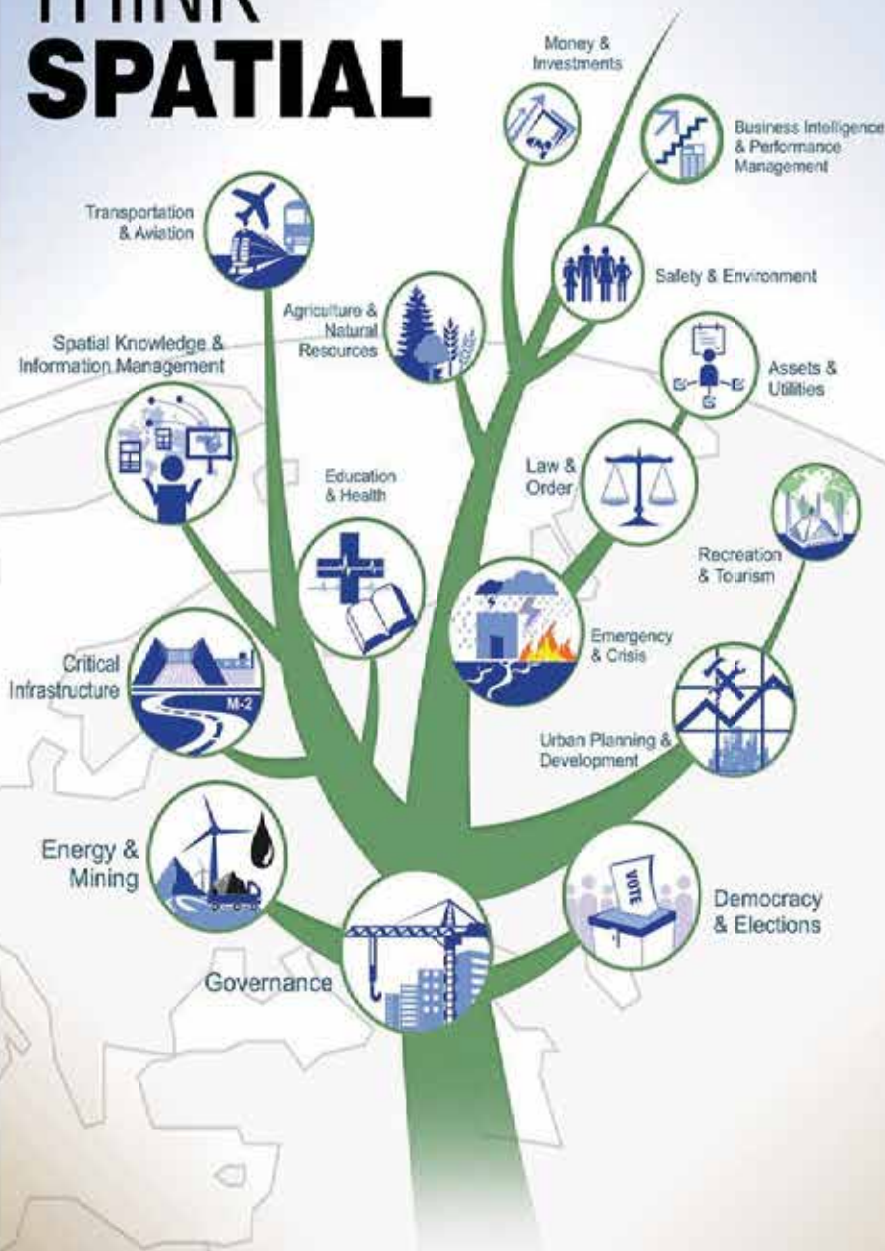
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NEWS HEADLINES

More than 20-hour loadshedding irks people in several cities

*Dunya News
June 30, 2014*

Abraaj to consider options for Pakistan K-Electric stake

*Reuters Africa
June 30, 2014*

Pak seeks Russian LNG and investment in oil, gas sectors

*Pakistan Observer
June 29, 2014*

Do Tara Dam on cards for capital's water woes

*Pakistan Today
June 24, 2014*

CASA-1000 project: Pakistan, Tajikistan agree on electricity tariff

*Express Tribune
June 24, 2014*

DETAILS

LAHORE – Unannounced and unending loadshedding has increased problems for the people across the country. More than 20-hour power cut was seen in several cities on the first day of the Holy month of Ramadan. The government announced that the Finance Ministry has issued Rs 40 billion to PSO and IPPS but loadshedding continues to irk the citizens. The citizens in several areas of Lahore were forced to arrange Sehr and Aftar amid severe power outages even water shortage was seen in the mosques where special congregations are arranged during the holy month. Unannounced loadshedding also continued in Gujranwala and its adjacent areas. At least 14 to 18-hour loadshedding was recorded in Okara, Phoolnagar, Sahiwal, Chichwatni, Burewala and Vehari while power outages added to the public woes in Jhang, Sargodha, Khanewal, Pindi Bhattian, Kasur and Dera Ghazi Khan, Bahawalpur, Pasroor, Rajanpur, Chinot, Sarai Alamgir and Kalabagh. On the other hand, water supply to several areas in Karachi suspended due power breakdown at Dhabiji, Pipri and Gharo pumping stations. According to waterboard spokesman, power breakdown at these three station continues from 6pm due to damaging pipelines however the repairing was underway.

DUBAI, June 30 (Reuters) - Abraaj Group has mandated Citigroup to evaluate options for its indirect stake in Pakistani utility K-Electric, the Dubai-based private equity firm said on Monday. Abraaj bought a controlling stake in KES Power, the majority shareholder in K-Electric, in 2009. Karachi-based K-Electric made a net profit of \$70 million in 2013, Abraaj said. This compares with a net loss of \$197 million in 2009. KES Power holds a 69.2 percent stake in K-Electric, according to a company presentation this month. The Pakistani government owns 24.4 percent.

ISLAMABAD — Islamabad has asked Russia to invest in oil and gas sector and supply LNG to Pakistan. Pakistan has extended this offer to Russia in World Petroleum Conference held in Moscow this month. "This will be the Olympics of international oil and gas companies and we utilized this opportunity to introduce Pakistan as a destination for investment in oil and gas sector," Advisor to Ministry of Petroleum and Natural Resources, Zahid Muazzafar said while talking to Pakistan Observer. He led Pakistan delegation in the conference.

Russian President Vladimir Vladimirovich Putin inaugurated the World Petroleum Congress. In this mega event, about 180 world class companies dealing with oil and gas sector participated, Zahid Muazzafar said. The meeting with the top functionaries of Russian Gazprom was fruitful and in the meeting we asked them to come to Pakistan and invest in oil and gas exploration even in shape of joint ventures with OGDCL and PPL. We told that that the Nawaz government has given 42 block to domestic and foreign companies for oil and gas exploration and production activities. In the meeting Russian authorities agreed to Pakistan's proposal and to this effect they announced to send a technical delegation. "We apprised the Russians about our petroleum policy which is quite attractive and wellhead price hovers in the range of \$6-8 per MMBTU and Pakistan is not only rich with conventional oil and gas reservoirs, but also has mammoth potential of tight and shale gas reserves." He said that he told Russian counterpart that in Pakistan success rate of oil and gas drilling is very high which is at 1:3 ratio. On top of that we also offered Russia to export LNG to Pakistan and in this regard authorities in Moscow showed keen interest and promised to make a feasible proposal for this purpose. "We have sensitised them that Pakistan is in dire need of energy and is currently in talks with Qatar for import of LNG and at that same time Pakistan government wants to get the LNG from open market for which the LNG will be imported through tendering process. Pakistan needs 2.5 billion cubic feet gas per day through LNG mode to cater to its future energy needs." Moreover, Pakistan's delegation also held meeting with top officials of many international companies which participated in the conference and we pitched out petroleum policy before them and told them that Pakistan is investment destination and has attractive incentives for investors in oil and gas sector. "We got tremendous response from the global companies and in the days to come Pakistan will formally start receiving the response hoping to get huge investment in oil and gas sector."

RAWALPINDI - The construction approval has been accorded to a new dam Do Tara which aims at meeting the shortage of water supply to the residents of twin cities. According to a city district government spokesman, the dam will be constructed at a few kilometres from Khanpur Dam in Jibri, Haripur, Khyber Pakhtunkhwa. A dam in natural form already exists alongside hills at the location. The lake of this dam will be located in Abbottabad. Planning has also been evolved to construct a power house to generate 200 to 500 watts of electricity. The federal and provincial governments will provide funds for the construction of the dam which will be completed within a record period of one year. A water supply pipeline will be laid from the dam to Jhangi Syedan Plant to supply water to Rawalpindi and Islamabad and the dam will meet the water requirements of the residents of twin cities for 25 years.

ISLAMABAD: In a major development, Pakistan and Tajikistan have cleared a key hurdle as they have reached an understanding on the price of electricity to be supplied by the latter under the Central Asia-South Asia (CASA) 1,000 project, officials say. The project, aimed at easing energy shortages in Pakistan and utilising surplus power in Tajikistan, has the backing of the United States and World Bank, which has approved millions of dollars in financing to execute the programme. Pakistan has been facing an energy crisis, which has disturbed normal and business life and erased 3% off economic growth every year. Aware of the gravity of the situation, the present government has pledged to tackle the shortages but it believes power outages will not end before 2018.

According to officials, Pakistan and Tajikistan have settled the tariff issue, which will lead to signing of a power purchase agreement. Earlier, Tajikistan sought 3.5 cents per unit, but later increased the price to seven cents. "Now, the two sides have agreed on five cents per unit for the supply of

World Bank prefers financing hydel projects

Daily Times
June 21, 2014

electricity," a diplomatic source told *The Express Tribune*. However, officials pointed out that despite finalising the tariff, a major challenge still stood in the way of the project as power transmission lines would have to pass through war-torn Afghanistan.

According to experts, the US is playing a lead role in striking the power supply deal between Pakistan and Tajikistan. It has also pushed Pakistan to press on with the Turkmenistan-Afghanistan-Pakistan-India (TAPI) gas pipeline project. But both power transmission lines and the gas pipeline will snake through Afghanistan.

Pakistan and Afghanistan have determined the transit fee for gas supply from Turkmenistan, but they have yet to decide on the fee for power transmission. According to officials, Kabul is seeking two cents per unit, a high price that threatens to make power purchase unfeasible for Pakistan. Some officials of the Ministry of Water and Power suggest that Islamabad and Kabul should enter into a bilateral arrangement and the latter should waive the transit fee. "Afghanistan should not demand the fee as Pakistan is treating power supply as a transit trade arrangement," an official remarked. He pointed to the fact that Pakistan had been providing a supply route for Nato forces in Afghanistan on a nominal fee and Kabul was also enjoying free flow of goods through Pakistan under a transit trade accord. Others were of the view that the fee, if necessary, should not be more than Rs0.10 per unit.

Assistance

The World Bank has approved CASA-1000 project, offering \$120 million, out of a total loan of \$552 million, for laying transmission lines in Pakistan. Total cost of the project is estimated at \$1.16 billion and remaining funds will be provided by the Islamic Development Bank and other donors. Under the project, the Kyrgyz Republic and Tajikistan will export 1,300 megawatts of electricity to Pakistan and Afghanistan. A major chunk of supplies will come to Pakistan and about 300MW will go to Afghanistan.

Feasibility

According to the Tajikistan embassy in Pakistan, Tajikistan after being disconnected from Central Asia's energy grid has no other option but to sell surplus electricity in summer to South Asian countries. It will also help build close economic ties with Kyrgyzstan, Afghanistan and Pakistan. "It will help Afghanistan demonstrate its viability as a transit country linking the two regions," the embassy said. It said Canadian company SNC Lavalin, which has conducted the feasibility study, endorsed the viability of CASA-1000 based on the current and projected volume of spillover water of hydropower plants in Tajikistan in the May-September period.

KARACHI: The World Bank (WB) is focusing to finance hydel and other mode of power generation in Pakistan instead of coal-based, as experts believed hydel could produce cheaper power than coal. On the reason hydel normally has much lower carbon emissions, WB is not much impressed with Thar Coal power generation project. The head of WB's Pakistan power reforms' projects Richard Spencer said, "Most people recognise Thar Coal may have a role to play in the future expansion of the electricity in Pakistan and we will work together with the government to help figure that out". Hydel normally has much lower carbon emissions, which emits about half the amount of carbon per unit of electricity produced. During the live public chat on Facebook, Spencer said hydropower is the largest source of affordable renewable energy deployable at scale in developing countries like Pakistan where only a fraction of its hydropower potential is actually realised. The WB believed energy shortages in Pakistan would persist for some more years while the State Bank of Pakistan was working hard with the government to try and get power sector finances into better form. Recently the WB approved a package of assistance for Dasu Hydropower Project phase-I. The package consists of an IDA credit of \$588.4 million and an IDA Partial Credit Guarantee of \$460 million to help mobilise commercial financing for the project. Dasu would have 2,160 megawatts (MW) hydropower plant on the main Indus River which could be expanded to 4,320 MW in future with low additional cost. Bank had also approved \$840 million for Tarbela IV Extension Hydropower Project, which would add 1,410 MW to the national grid directly benefiting industry, households and farmers who would get more electricity at a lower cost and suffer fewer blackouts. WB will continue to engage in responsible, sustainable development of hydropower projects of all sizes and types depending on the local context run of the river, pumped storage and reservoir including off-grid projects that meet decentralised rural needs, he added. Hydropower projects have economic, environmental, social and sometimes regional/international implications that should be managed. WB will continue to engage with Pakistan in this important sector keeping the country's priorities and WB's policy and resource availability in view, Spencer replied to a query. In response Pakistan will be able to produce surplus energy, Spencer said, "Demand is suppressed by the shortages at the moment and we cannot be sure how quickly it would grow if there were no shortages, I believe the shortages will persist, especially in times of peak demand in the summer for some years to come." Private sector investment is important to help alleviate Pakistan's energy shortages by encouraging private participants to invest in generation. Pakistan has over the years attracted investment in generation, but private investors would want to be sure they would get a return on their investment. We are working so hard with Pakistan government to try and get power sector finances into better shape, he added. Spencer said it was by no means clear coal would be the lowest cost generation source in Pakistan, but there were certainly hydel which were cheaper including Dasu Dam and the fourth extension to Tarbelab Dam. WB is concentrating financing hydel and other power generation sources and some other financiers are supporting coal including Asian Development Bank, which recently approved Jamshoro project, he added. WB does not finance exploration and production projects that are left primarily to the private sector but we are working with the government to improve the investment climate for people in the exploration and production business, he added. Spencer admitted Pakistan's tariffs were among the highest in the region and if people wanted the government to subsidise the electricity price, which meant taxes have to be higher, he added.

Vision 2025: govt determined to end energy crisis: Ahsan

*Daily Times
June 20, 2014*

Pakistan 10MW solar project to receive tariff

*PVTECH
June 19, 2014*

New gas facility on stream for Pakistan

*www.upi.com
June 16, 2014*

Spencer said WB has limited capacity, both financial and human and could not finance every project in Pakistan.

ISLAMABAD: Planning, Development and Reforms Minister Prof Ahsan Iqbal has said that the government was determined to ensure energy generation on sustainable basis by tapping rich potential of renewable resources. Inaugurating a day-long conference on scaling-up wind power development for Pakistan's sustainable energy future, he said "when the present government came into power one year ago, Pakistan was facing the worst energy crisis as there was 20-22 hour load shedding". Alternative Energy Development Board (AEDB) organized this conference in collaboration with World Wind Energy Association (WWEA) and Heinrich Boll Stiftung Pakistan. Realizing the gravity of the situation, the minister said that the government made the energy issue its top priority and undertook medium and long-term measures to overcome it. He said it was observed that there were two problems: shortage of supply and energy mix. "About 70 per cent energy was being generated on furnace oil, which apart from being expensive was putting pressure on foreign exchange reserves with increasing import bill. The high cost of electricity production was unbearable for end users and even a large number of companies remained idle" he continued. He said the government had taken steps for promoting good governance in power supply system and to reduce line losses. He said that the government had decided to encourage the conversion of plants which are being run on furnace oil to coal for producing cheaper energy since Pakistan is blessed with rich coal deposits at Thar. He said the government was using the technology for setting up environment friendly coal based plants. International community, he said, was also satisfied with the policy of converting furnace oil run plants to coal based ones as the Asian Development Bank had supported Jamshoro coal based plant. The minister said under the Pak-China Economic Corridor, up to 21000 MW electricity would be generated in the next five years and "we will double the capacity". The government, he added, would encourage solar, wind as well as hydel power generation in collaboration with China. He said the PML-N government was giving top priority to the energy sector to generate cheap and affordable energy to the people. The government had allocated Rs 552 billion as development budget out of which Rs 200 billion were earmarked for power sector, he added. Ahsan Iqbal said the Vision 2025 also laid emphasis on exploration of renewable resources for overcoming the power shortage. He also stressed the need for continuity of policies, besides political stability and strengthening of democracy in the country.

The other speakers also called for promotion of alternate energy resources for the benefit of the people in the country. Among them, Air Marshal (retd) Shahid Hamid, Honorary Vice President of WWEA, Stefan Gsanger, Secretary General WWEA Ms.Saima Jasam, Officiating Country Director Heinrich Boll Stiftung Islamabad and Abid Qaiyum Suleri of SDPI addressed the conference as well.

Pakistan's National Electric Power Regulation Authority (NEPRA) has considered energy service company, Buksh Energy, eligible to receive a feed-in tariff for a 10MW proposed solar power plant. The solar power plant to be built in Cholistan, will receive Pakistan's so-called 'upfront solar tariff.' Upfront solar tariffs for 1-100MW solar power plants were announced by NEPRA 21 January 2014 and signed off by the country's ministry of water and power. The tariff applies to solar power plants of between 1MW and 100MW capacity and is set at a different rate in the north and south of the country. NEPRA calculated operations and maintenance (O&M), insurance, debt and return on equity costs, and approved the tariff rate of PKR21.11 (US\$0.20) for the first ten years and PKR8.75 (US\$0.08) the remaining 15 years for the 10MW Cholistan plant - the so-called 'lower southern' tariff. Buksh application for a generation licence, filed in February 2013, is still under review and if declined will render the tariff invalid. Buksh submitted a letter of application for the tariff, 1 April 2014. Financial close of the 10MW project is scheduled for 31 March 2015 – after this date the project is not viable for the tariff. The following construction period, after financial close, is expected to be eight months. The plant will have an expected life span of 25 years. Engineering, Procurement and Construction (EPC) is projected to cost US\$1.7 million per MW. The tariff was awarded to Buksh as part of a recent call by government for energy project proposals from Independent Power Producers (IPPs) for 50MW. On its page on social media site, Facebook, Buksh said: "We are pleased to announce Buksh Energy has received the upfront tariff for 10MW Solar Power Plant in Cholistan approved by NEPRA in a recent call for proposal announced by the government of Pakistan for 50MW from the Independent Power Producers (IPPs)." Buksh also said it would be able to generate 0.14% of Pakistan's energy shortfall thanks to the provision of the tariff for the 10MW plant. Buksh also aims to account for 5% of Pakistan's energy needs by 2020, using renewable energy. Pakistan is currently suffering from 6GW in energy shortfall, with demand rising by 8% annually. However Punjab (where the plant will be located) receives some of the highest solar radiation in the world, 5-7 kWh per square meter, with 3,000 hours of sunshine available annually. Also this week the Chinese PV manufacturer and system integrator, TBEA SunOasis, won a bid to be part of Pakistan's Quaid-e-Azam solar park.

ISLAMABAD, Austrian energy company OMV said Monday getting a new gas facility on stream in Pakistan was a major boost for the country's energy supplies. "This is an encouraging day for Pakistan's gas supply and will have a further positive impact on OMV production," Jaap Huijskes, a board member in charge of exploration and production for OMV, said in a statement from Islamabad. Pakistani Prime Minister Nawaz Sharif was on hand to inaugurate the Mehar gas processing facility in Sindh province. The Austrian energy company, which holds the controlling interest in the facility, said it should deliver a net 4,300 barrels of oil equivalent per day in 2014. OMV in December said it completed development of the Latif natural gas field in Pakistan and peak production should reach 6,200 barrels of oil equivalent per day at some point later this year. The Pakistani government has said aging infrastructure in the country is leaving it short on energy supplies. "I am delighted that the government of Pakistan has been implementing measures to accelerate domestic developments and by that enable additional domestic energy supply to the people and the economy of Pakistan,"

To meet energy needs: Pakistan, China to establish Special Purpose Vehicle

Express Tribune
June 15, 2014

the OMV official said.

ISLAMABAD: As a measure to ease the deepening energy crisis, Pakistan and China may soon establish a specialised company to construct the 1,100-megawatt (MW) Karachi coastal nuclear power project that would aid the work being completed on a fast-track basis. The issue of setting up a Special Purpose Vehicle (SPV), a company being set up to achieve limited objectives, was discussed during a meeting between the Finance Minister Ishaq Dar and Chinese Ambassador to Islamabad, Sun Weidong, according to officials. The meeting was also attended by Pakistan Atomic Energy Commission (PAEC) Chairman Ansar Pervez and Attorney General of Pakistan Salman Butt. The officials said that China also agreed to release a loan tranche of \$330 million for carrying out work on the project. The PAEC will build the power plant Karachi Coastal Power at an estimated cost of \$9.5 billion or Rs958 billion with the help of Chinese assistance. Out of the total cost, China will provide a loan of \$6.4 billion. It will be the second mega project after Chashma 3 and 4 power plants, known as C3 and C4, which are also under way with the help of China. Beijing is providing \$1.3 billion out of the total cost of \$1.9 billion of C3 and C4. In an attempt to increase power generation, Pakistan is turning its attention to producing nuclear energy on a relatively bigger scale. According to the Energy Security Action Plan, the share of nuclear power will be increased in electricity production by installing 8,800MW nuclear power plants by 2030.

Nuclear plants will provide electricity at cheaper rates compared to power produced from thermal sources. At present, the country is experiencing a widening gap between power supply and demand, leading to extensive outages that disrupt life and business and shaves 3% off economic growth annually. For Karachi Coastal Power, the government has allocated Rs12.2 billion in the budget for the next financial year 2014-15, beginning July. The officials said both countries decided to set up a project specific company as the government cannot spare Rs100 billion to Rs125 billion each year out of the thin federal Public Sector Development Programme. They added the rupee component will still be shown in the PSDP. However, it was not immediately clear whether the \$6.4 billion loan will be the liability of the company or the Pakistan government. The government has decided to adopt a fast-track policy for the implementation of the projects starting with the Chinese cooperation, an official handout of Ministry of Finance quoted Finance Minister Ishaq Dar as saying. It added as the country was experiencing a gap between power supply and demand, there was a need for early completion of ongoing energy projects which can help tackle energy shortages. Dar stated that that these efforts were not only creating attractive opportunities for Chinese investment but new avenues of employment and trade were also opening for the people of Pakistan. The Ambassador discussed avenues for enhancing bilateral cooperation in various fields between the two countries and appreciated Pakistan's plans for the development projects initiated by the present government, the handout stated.

Exploring wind energy

Express Tribune
June 15, 2014

With Pakistan's growing demand for energy, there is a significant need to direct our attention to alternative energy sources. In the current decade (2010), Pakistan's net electricity consumption increased to approximately 74 billion kilowatthours (KWh) from 47 billion KWh in 2000. While importing hybrid cars and using more advanced, environmentally-friendly technology are options, they are not accessible nor feasible for the majority in Pakistan due to their associated costs. With an abundance of natural resources in the country, however, availing wind energy is a viable option, as discussed at a recent meeting between the Pakistani government, the government of Denmark and a leading Danish manufacturer of wind turbines. Renewable energy is an underdeveloped sector in Pakistan that is yet to be exploited. In the long run, an alternative energy source in the form of wind would have benefits for our pollution-filled environment as it would reduce the amount of greenhouse gas emissions. There is mass potential for the use of wind turbines to generate electricity. According to the Pakistan Meteorological Department, the payback period for a wind farm is seven to eight years. While this requires some patience on the investors' part, there are many hopeful possibilities. For one, we can perhaps, put an end to the sudden power outages at hospitals across the country that often lead to the deaths of patients on ventilators. With a topsy-turvy economy, Pakistan requires a stable energy programme that has long-term benefits and lower operational costs. A three per cent decrease in GDP per annum due to controlled electricity shutdowns amounts to a massive portion in an already struggling economy. With power outages, the economy is directly impacted as factories are shut down for hours on end. Due to the annual rising demand for energy in Pakistan and the damage caused by power outages to our economy, there is a dire need to fill in the gap in the system.

Energy, trade cooperation: PM to take up power supply project in Tajikistan talks

Express Tribune
June 11, 2014

ISLAMABAD: Pakistan and Tajikistan are set to explore new avenues for the supply of 1,000 megawatts of electricity with the help of transmission lines to Chitral in an effort to utilise surplus energy and help Islamabad ease its power shortages, officials say. This energy trade, which is separate from the Central Asia-South Asia 1,000-megawatt (Casa-1000) power supply project, will come up for discussion during Prime Minister Nawaz Sharif's visit to Dushanbe in the middle of June. Leaders of the two countries would also hold talks on building road and railway networks in order to connect Central Asian states with Pakistan through Afghanistan for regional connectivity that would enhance trade. "Both the sides have also agreed to cooperate in exploration, extraction and processing of oil and gas and will review measures required for collaboration in these areas," an official said.

According to sources, the prime minister will leave for Dushanbe for a two-day visit on June 17. He will be accompanied by Water and Power Minister Khawaja Muhammad Asif, Finance Minister Ishaq Dar and Special Assistant on Foreign Affairs Tariq Fatemi. Pakistan is already working with Tajikistan on Casa-1000 power supply project and now plans to purchase an additional 1,000MW were under study for which transmission lines would be laid from Tajikistan to Chitral in northern areas. "Tajikistan has a huge potential to produce hydroelectric power and wants to help Pakistan tackle its energy crisis," Tajik Ambassador Sherali S Jononov told The Express Tribune. Confirming

WB allocates \$588m for Dasu Dam
Dunya News
June 11, 2014

WB approves two \$700m water, power projects for Pakistan
The Nation
June 11, 2014

Sharif's visit to Dushanbe, he stressed that the two sides would explore the potential of energy cooperation during the trip. "We have the capacity to export an additional 1,000MW to Pakistan through Chitral route that will help our brotherly country overcome the energy crisis," Jononov said. Diplomatic sources point out that Tajikistan has also vast reserves of oil and gas and it could export gas by laying a pipeline on the model of the proposed Turkmenistan, Afghanistan, Pakistan and India (TAPI) pipeline in future. "Tajikistan wants to expand energy cooperation with Pakistan by building a pipeline for gas export to meet Islamabad's energy needs," a diplomatic source said. For 1,000MW power supply, transmission lines would pass through a small border area of Afghanistan and reach Chitral, which is 15km from Tajikistan's border, the source said. The project, named Rogun-Khorog-Vakhan-Chitral and proposed in the early 1990s, drew interest from different countries and international financial institutions, which were keen to become part of it. According to sources, Tajikistan, Pakistan and other participating countries had signed a financing deal with the World Bank and other multilateral donors would also be approached for funding the laying of transmission lines. It is estimated to cost around \$240.5 million covering transmission lines to the border between Afghanistan and Pakistan. A Tajik embassy official said among other sectors of Tajikistan's economy, the area of energy had been showing sustainable growth over the last 15 years. During the period, hydroelectric power generation had been stable. Apart from big plants, there were 20 medium and 40 small hydroelectric power stations in remote mountainous areas, each having capacity in the range of 5 kilowatts (kw) to 1,500 kw, he said. According to the official, Tajikistan is the world's third largest producer of hydroelectric power after the US and Russia. This power generation source constitutes 76% of total energy output in the country. During the prime minister's visit, the two sides will also discuss the progress on Casa-1000 project for which World Bank has approved funds. This project will ensure a steady source of revenue for the Kyrgyz Republic and Tajikistan, the weakest economies in Central Asia, and requires no new investment because it will supply surplus power that will otherwise be wasted.

ISLAMABAD - The World Bank has unanimously approved assistance package for Pakistan's Dasu Hydropower project. In a meeting in Washington, Board of Directors of the Bank endorsed the Dasu project with an overwhelming majority with all the members including the United States voting in favour of the project. Dasu Hydroelectric Power is a critical project to meet Pakistan's energy needs with a potential to generate 4200 MW of cheap electricity. The decision by the World Bank to support the project is a reflection of the international financial institutions' confidence on Pakistan's economic revival and its clear vision to overcome the energy requirements of the country. The US support for the project is in line with the commitment made by the leadership of the two countries to enhance cooperation in the energy sector. The bank loans are purely concessionary and cheap in nature with repayment schedule spanning over twenty five years including five years grace period, with no interest and a nominal administrative charges of 2% per annum. Meanwhile, Finance Minister Ishaq Dar has said the government is working with the USAID to organize an International Investors conference on Diamer Bhasha Dam in September this year in Washington.

ISLAMABAD - The World Bank has approved two projects for Pakistan - 4,500 MW Dasu Hydropower Project (US \$ 600 million) and Sindh Water Irrigation Project (US \$ 100 million). According to a press statement issued by the Finance Ministry, on May 1st, 2014 the World Bank had approved US\$1 billion for budgetary support to Pakistan. The Finance Minister said that the Dasu Hydropower Project is located on main Indus River in district Kohistan, KPK and the other project will help Sindh government to improve its irrigation system. He added that for Diamer Bhasha Dam, the Finance Ministry was working with the USAID to organise an international investors' conference in September this year in Washington DC. He said, "We will fulfill the promises made with the nation to make Pakistan self-sufficient in energy and water resources". The World Bank loans are purely concessionary and cheap in nature with repayment schedule spanning over a period of 25 years including five years grace period, with no interest and a nominal administrative charges of 2 percent per annum. On receipt of US \$ 700 million, an equivalent amount of Pakistan rupees will be reduced from the domestic debt which is much more expensive at 12.5 percent per annum. Government of Pakistan will be saving net 10.5 percent in payment of interest. Resultantly, there will be no net increase in overall public debt. The World Bank's board of directors' support and commitment with Pakistan reflects their confidence in the leadership and vision of Prime Minister Nawaz Sharif and his team led by Finance Minister Senator Ishaq Dar. Earlier, the Finance Minister talked to Mr Jacob Lew, US Secretary of Treasury, to seek US support to Dasu project which is vital for Pakistan's energy needs, as US had abstained from voting in case of ADB's assistance for Jamshoro Coal Power Project. The US had conveyed that it will abstain from voting on Dasu Project in the World Bank Board meeting. Finance Minister urged Secretary Lew to vote positively in the Board meeting on Dasu Hydropower Project, to which he agreed. Our special Special Correspondent from Washington adds: The World Bank approved the Dasu Hydroelectric Power project at a pre-scheduled meeting of its Executive Directors. The meeting, chaired by Sri Mulyani Indrawati, the Managing Director and the Chief Operating Officer of the World Bank, endorsed the Dasu Project with an overwhelming support with all the members including the United States voting in favour of the project, a press release of the Pakistan embassy said. Dasu Hydroelectric Power or Dasu Dam is a critical project to meet Pakistan's energy needs with a potential to generate 4200 MWs of cheap electricity. Upon completion, it will substantially increase the generation capacity of the country, reduce subsidies, change the fuel mix and bring down the cost of electricity generation. "Today's decision by the World Bank to support the project is a reflection of the international financial institutions' confidence on Pakistan's economic revival and its clear vision to overcome the energy requirements of the country," the Pakistani embassy said. "It will also open the sector of hydel power generation to the private participation." The US support for the project is in line with the commitment made by the leadership of the two countries to enhance cooperation in the energy sector as envisioned by President Obama and Prime Minister Muhammad Nawaz Sharif in the Joint

Tarbela's storage capacity decreases by two feet

Daily Dawn
June 9, 2014

Statement of October 2013, the embassy statement said.

ISLAMABAD: The country continues to lose its water storage capacity as accumulation of silt has decreased Tarbela Dam's storage space by another two feet. An official of the ministry of water and power told Dawn that the dead storage level of the dam had been increased to 1,380 feet from 1,378 feet a few days ago because of the rising level of silt. As a result, the storage capacity of the dam has decreased by two feet. The dead level had been increased to 1,378 feet from 1,376 feet about two years ago, the official recalled and said the dam was gradually losing its capacity as construction of a dam in upstream of Tarbela got delayed for one reason or the other. "There is no economically viable option to stop loss of storage capacity at Tarbela except to build dams in the upstream to reduce the amount of silt reaching one of the two major reservoirs of the country." He said the change in the storage parameters had been made on the recommendations of the Water and Power Development Authority (Wapda) on the basis of annual analysis of various factors relating to the dam. Wapda's technical team on dams had recommended an increase of four feet in the dead level but the change was kept at two feet to avoid a drastic cut in discharges. He said the country's live storage capacity had dropped by about 30 per cent despite an addition of about 2.9 million acre feet (MAF) capacity through Mangla dam upraising project. The official said Tarbela alone had lost about 35 per cent of its designed capacity of about 9.7 MAF which had come to 6.2 MAF. Technical studies had been conducted a few years ago for flushing out huge sediment stock in the reservoir to revive some storage capacity, he said. But the proposed methods were not adopted because they were either technically dangerous or economically unviable.

In overall terms, the country's total water storage capacity is less than 30 days of minimum requirements, which is considered too low and close to water scarcity against global standards of 120 days of coverage. This contributes to lower gross domestic product. The country could not achieve its GDP growth rate during current fiscal year mainly because of poor performance by agriculture sector. In comparison, India can have storage for up to 220 days, Egypt for 1,000 days, Australia for 600 days and the US for about 900 days. Pakistan is estimated to be declared a water-scarce nation by 2025 unless new capacity addition is achieved. The country's per capita water availability has dropped from over 5,300 cubic metres in the 1950's to about 1,000 cubic metres now which is the scarcity benchmark.

Water flows improve

River flows have significantly improved over the past few days because of rising temperature in the northern areas, particularly Skardu, and resultant snow melting. According to official data, flows in River Indus at Tarbela increased from 79,900 cusec on Friday to 105,000 cusec on Sunday. On Saturday, total river flows were recorded at 282,000 cusec at rim stations which have risen to 307,000 cusec on Sunday. The total river flows were recorded at 253,000 cusec on Friday. As a result, the Indus River System Authority (Irsa) has started some conservation at Tarbela and Mangla dams despite increased discharges, which is helping higher electricity generation. The water level at Tarbela dam has, therefore, increased to 1,392 feet on Sunday from 1,390 feet on Friday. The discharges from Tarbela which stood at 80,000 cusec on Friday were increased by Irsa to 88,200 cusec on Saturday and further to 93,600 cusec on Sunday. The water level at Mangla Dam is also being gradually increased and stood at 1,174 feet on Sunday against 1,173 feet on Friday.

ISLAMABAD: In a major development, Pakistan's oil production climbed 30 to 40 percent in one year to 100,000 barrels per day from 68,000 barrels per day, Zahid Muzaffar, Advisor to the Ministry of Petroleum and Natural Resources, divulged on Saturday.

In July 2013, the oil production stood at 68,000 barrels per day, which escalated to 100,000 bpd as of today – up over 30,000 bpd, he told the Finance Minister Senator Ishaq Dar during a briefing. Chairman Oil and Gas Development Company Limited was also present. The advisor said the government issued over 41 block licences in 2014. He said the total consumption of petroleum products in the country stands at 21.2 million tonnes of oil equivalent annually, while the country produces 4.7 mtoe of crude oil annually. Muzaffar sensitised Dar about the positive development with regard to increase in the volume of gas production, saying during the last one year, 539 million cubic feet per day of natural gas has been added to the system. However in the old gas fields, there has been a significant decline due to non-availability of modern equipment needed for gas exploration, he added. There is no equipment with the OGDCL for shale gas exploration and efforts are being made to invite local and foreign private investors for joint ventures in this sector. The ministry advisor further said Pakistan is an under explored country where only 44 per cent of the area is explored whereas the success rate is much higher in the country as compared to other regions, including Middle East.

In Pakistan, exploration well success ratio is 1:3, whereas in Middle East, it is 1:5 or more. He said the OGDCL plans to increase efficiencies in the seismic, drilling, production and processing by establishing partnership with the latest technology partners. Foreign exploration and production companies will be invited to participate as joint venture partners. The ministry advisor discussed the plans for attracting foreign direct investment to accelerate domestic production in oil and gas sector. In the last one year, the domestic production of liquefied petroleum gas was doubled from 1,000 metric tonnes per day in July 2013 to over 2,000 metric tonnes per day. In line with directives of the Prime Minister, LPG will be provided to cities of Balochistan and far flung areas where there is no gas transmission line and distribution system, he added. The Finance Minister said that the government had already announced special incentives for foreign direct investment in oil and gas exploration. He said that it was high time that the foreign companies should be invited to invest in Pakistan. The minister said the corporate tax rate has been reduced from 33 percent to 20 percent for the investment project set up by June 13, 2017 and at least 50 percent of the total project cost is in the form of equity through FDI. Dar said to achieve the vision of an industrialised Pakistan in the future, "We have announced this special package". The finance minister directed the advisor

Oil production surges to 100,000 bpd

The News
June 8, 2014

Mangla Dam Power House's tripped unites restored

Dunya News
June 8, 2014

Hascol oil storage installations launched: Hascol becomes 2nd largest oil importer in Pakistan

Daily Times
June 8, 2014

KBD mandatory in Water Apportionment Accord

The Nation
June 8, 2014

petroleum ministry for adopting an aggressive marketing strategy to attract foreign investment in the light of the new incentives given in the Finance Bill 2014-15. Senator Dar added that a comprehensive strategy and vision was required to overcome the energy crisis and to increase significantly the oil and gas production in order to operate it on international standards. He said the finance ministry would facilitate foreign investment in oil and gas sector.

ISLAMABAD – Four units of Mangla Dam Power House that were earlier tripped due to 'technical fault' were repaired and restored on Sunday evening. The electricity supply of up to 1000 mega watt is expected to begin by 10pm, Dunya News reported.

According to Water and Power Development Authority (WAPDA) spokesperson, the repair work is continued and that four out of five units were restored. He said that the units are currently producing 885 megawatt electricity and that with the restoration of fifth unit by 10pm, the system will begin producing up to 1000 megawatt electricity. WAPDA spokesperson also clarified that contrary to reports, the units were not tripped due to fire eruption, adding that it was due to a technical fault developed by the transformer.

LAHORE: The 85,000-tonne capacity Hascol Machike Installations at Machike Sheikhpura is a milestone at a time when the country was facing energy problems. Hascol became the second largest product import Company with 1,91,000 tonne import of furnace oil, diesel and gasoline and import rate is even less than Pakistan State Oil (PSO).

Minister of State for Petroleum and Natural Gas Jam Kamal Khan inaugurating the facility ensured all out support of the government to the Company's management. Kamal Khan termed the installation as 'record breaking' because earlier Hascol established an installation in Shikarpur and this was another facility within a year. He said this was a service for the country at a time when the country was under energy crisis and need at least 6-7 months storage capacity for national oil requirements in order to ensure oil security. It would also boost the confidence of foreign investors and government was very concerned about it and thankful to the Hascol management for taking this initiative. He said for the growth of the oil industry all institutions of the government should exercise a fair play and transparency. Oil and Gas Regulatory Authority (OGRA) Chairman Saeed Ahmed Khan said increase in the national storage capacity was a very positive sign to overcome oil storage problems. It is really a good thing, the more oil storage and marketing in the country the more availability of oil in the country and we will overcome shortage issue, he added. Hascol Chief Executive Officer Saleem Butt said their Company did not belong to investors but the professionals, who had long experience before the launch of the Company to ensure success through their skills, untiring efforts and hard work. He said 12,500 shareholders of the Company were providing service with the commitment to give them good return of their investment besides abiding by all rules and regulations set by the government. He praised OGRA for creating a momentum in the oil industry by its strict regulations. He said a total 20 marketing companies were operating in the country, the ORGA regulators, especially Vice Chairman Sabir Hussain, visiting from pump to pump and checking availability of the oil, it also cancelled license of eight companies. He requested the ORGRA chairman to continue strict regulatory policy. Hascol Chairman Mumtaz Hassan Khan they have a target to double imports in next 12 months. We have doubled our profit consecutively during last three years and we will show the same progress this year. Our shareholders as well as the bankers are happy with us. He gave the credit to their management team for remarkable achievement. He said they got license in 2005 and started operations in 2006. It was tough to compete with PSO, Shell, Attok Oil and other big companies having experience of 20 or 50 years. Now we are dealing at Rs 5 billion with banks and Pak-Iran investment Company also provided us long-term loans. Minister switched a button on to formally inaugurate the operation of the Hascol installations followed by his visit to various installations.

LAHORE - Sindh Tas Water Council Pakistan Chairman Suleman Khan has regretted that all provinces are violating the Water Apportionment Accord 1991. Delivering a lecture on importance of Kalabagh Dam at Institute of Engineering Pakistan on Saturday, Suleman questioned that when the provinces are drawing their shares according to the water accord then why they are not agree to build the KBD which is mandatory in the accord. "Three storages at Terbela, Mangla and Cheshma were constructed primarily for replacement under Indus Basin Replacement Plan. These storages with aggregate design capacity of about 15 MAF from about 90 per cent of the existing storage capacity and are rapidly losing their capacity due to excessive sediment burden in the river water," he said, adding by the year 2010, these shortage would have lost about 6 MAF of their capacity and it was equivalent to loss of one mega project. He held that due to lack of adequate shortage capacity, on an average annually over 39 MAF escapes below Kotri varying from 8 MAF to 92 MAF. As per Suleman Khan, this surplus water in river system is available but only in short summer period of 70 to 100 days. "To save and utilise this surplus available water, it has to be stored and released judiciously for agriculture production. We have 25 million acres of barren land due to the shortage of water. This stored water can irrigate barren land and to improve our green economy. But due to the differences of the provinces, Kalabagh Dam or any other dam is not built," he regretted.

In the year 1991, 21st March, the then Prime Minister Mian Nawaz Sharif chaired the meeting of the Council of Common Interests approved a unanimous decision based on "Apportionment of Waters of Indus River System among the provinces of Pakistan" that the water storages (dams) wherever feasible on the Indus and other rivers was admitted and recognised by the participants. Balance river supplies including flood supplies and future storages shall be distributed as Punjab 37 per cent, Sindh 37 per cent, Balochistan 12 per cent and NWFP (KPK) 14 per cent was also decided in the accord. "Punjab sacrificed in the Water Accord 1991. All provinces are drawing their shares according to the accord but Kalabagh Dam is not constructed till now," he regretted. Addressing the meeting, IEP Lahore centre chairman Engineer Khalid Sajjad said that the cost of electricity can only be reduced by producing hydropower which is possible by construction of Kalabagh Dam which shall

Oil reserve discovered in Jhelum

Pakistan Today
June 7, 2014

Government taking energy challenge seriously

Business Recorder
June 3, 2014

also provide boost to national economy. He said that Kalabagh Dam is the surety of sufficient amount of electricity at very cheap price of Re one per unit. The country's dependence on power generated through thermal sources is costing us way too much causing to face insurmountable challenges to remain competitive both in national and international markets. He said that the present scenario leads to import oil worth over \$ 12 billion a year which is costing us dearly while causing to face insurmountable challenges to remain competitive both in national and international markets. He said that all the stakeholders should show some greater maturity on the issue of Kalabagh. It is the high time that all undue stands should be brushed aside to save the country from that era of darkness. He said that unlike Pakistan, India is constructing dams at every possible site. It has left us decades behind and coming time does not promise any good thing either.

A major oil reserve has been discovered at village Dhemak in District Jhelum in Punjab. According to Mari Petroleum Company Limited, the oil has been discovered in Ghauri X-1 which is located at village Dhemak in District Jhelum. The company claims the newly discovered well is amongst the top ranking oil-producing wells in the country with estimated oil reserves of 22 million barrels. The company in a statement said the 3800 meter deep Ghauri well is a landmark achievement as it is the first hydrocarbon discovery in the eastern part of Potohar plateau.

Finance Ministry claimed in the Economic Survey 2013-14 that successive governments extended Rs 1.7 trillion subsidy on electricity during the last decade which is equal to the cost of Diamer-Bhasha Dam. However, the Ministry argued that withdrawing the subsidy at once may lead to a massive socio-economic cost therefore the present government is trying to rationalise the tariff and moving towards a cheap energy mix for energy supplies, especially for electricity generation.

Giving the details of energy crisis in Pakistan, the Economic Survey document claimed that crisis had been brewing since 2007 and deepened in 2012 which hugely negatively affected economic growth and employment. Absence of effective planning, an economically and financially viable strategy and incapacitated regulator resulted in supply-demand gap. The situation has been further compounded due to high transmission and distribution losses, development of black-market for power and declining revenue collection. This led to a persistent accumulation of circular debt. Consequently, the federal budget had to absorb a huge quantum of subsidies to bridge the financial gaps in power sector, threatening the fiscal stability on the one hand, and increasing the public debt on the other. Nevertheless, realising the gravity of the situation and importance of energy for economic activities with a particular emphasis on reviving the almost stalled industrial sector, job creation and income generation, the present government has put this issue on the top of its economic reform agenda by pursuing a comprehensive plan to address these problems.

In this context, the government retired the circular debt (Rs 480 billion) immediately after taking oath which added 1752 MW of electricity to the system. In order to resolve the issue on a permanent basis, the government developed National Power Policy (2013) which was announced to provide affordable energy in the country through efficient generation, transmission and distribution system. It is expected that the policy will set Pakistan on a trajectory of rapid economic growth and social development. More specifically, in order to reduce the cost of power generation to an affordable amount, an 84 MW New Bong Hydropower Project being the first hydro IPP in Pakistan/AJ & K has been commissioned while 10.5 MW Gas Based Davis Energen Project at Jhang started producing electricity and is contributing to Fesco's Network. Likewise 2 x 660 MW Imported Coal based Power Project at Port Qasim, Karachi, has been inaugurated. The government has realised the challenges faced by country's energy system. Thus efforts are under way to reform the existing energy system to actualise the energy sector's aspirations. It is projected that by the end of the decade Pakistan will be transformed from an energy deficient to a regional exporter of power while the efficiency improvements in transmission and distribution will decrease the high cost of power to the end consumer, which will bring prosperity and social development in the country.

Pakistan Atomic Energy Commission (PAEC) produces electricity through nuclear plants. By this time three nuclear power plants are operational. The first nuclear power plant, ie, Karachi Nuclear Power Plant (KANUPP), completed its 30-year design life in 2002. Nuclear Energy Pakistan Atomic Energy Commission (PAEC) is responsible for planning, construction and operation of nuclear power plants in the country. PAEC is currently operating three nuclear power plants: Karachi Nuclear Power Plant (KANUPP), Chashma Nuclear Power Plant Unit-1 (C-1) and Unit-2 (C-2). The construction of two more units C-3 and C-4 of 340 MW each is in progress. The second and third nuclear power plants ie, (C-1 and C-2) are performing very well. The construction of fourth and fifth nuclear plants, Chashma Nuclear Power Plant unit 3 & 4 (C-3 and C-4) at Chashma site, is ahead of the schedule. The Domes on containment buildings of C-3 and C-4 were placed on 6th March, 2013 and 2nd January, 2014. PAEC is implementing nuclear power program 2030 set by Energy Security Plan of the Government of Pakistan. The ground-breaking ceremony of Karachi Coastal Power Project (K-2 and K-3) was held on 26th November, 2013. To meet the targets, sites are being identified for more power plants. Technical and engineering infrastructure is in place to provide technical support to existing under construction and future nuclear power plants. One reason of energy crises is expensive inputs and if timely efforts are not made for a cheap energy mix, the problem can be more severe in future. The government is committed to achieving less oil dependent power generation mix through development of indigenous energy resources particularly hydel and coal. Recently, the Executive Committee of the National Economic Council (ECNEC) approved four development projects in power sector having a combined generation capacity of 3,511 MW. The approved projects include K-I and K-II Nuclear Projects situated in Karachi (Sindh; generation capacity 2,200 MW), Nandipur (Province Punjab; generation capacity 425 MW; cost Rs 57,380 million) and Neelum-Jhelum hydroelectric project (AJK; generation capacity 969 MW). The government is committed to arranging timely finances for these projects and monitor their development regularly in order to complete them as per schedule. During FY13 energy consumption

'Pakistan needs to tap wind energy to improve its power grid'

Daily Times
June 3, 2014

Rs 43.4b allocated for water sector projects

Pakistan Today
June 3, 2014

was 40,185 million TOEs compared to 40,026 million TOEs in FY12, showing a growth of 0.4 percent. In the current fiscal year much improvement has been seen in economic activity due to better available energy for usage on account of relatively less losses in transformation and distribution as compared to last year.

In past, policymakers and planners had given less importance to energy in development plans. During the period of higher economic growth, failing to implement proper energy plans for addressing future needs of the country resulted in cyclical pattern in their relationship. Fluctuations in energy consumption affected the large scale manufacturing growth which in turn affected the real GDP growth.

Coal: Pakistan's coal generally ranks from lignite to sub bituminous. Coal consumption is varying since 2000 and about 39.1 per cent of total coal consumed in the country has been utilised by brick kilns industry and 56.1 per cent by cement factories, showing a decrease of 3.46 percent and an increase of 1.83 percent respectively. The country has huge coal resources estimated to exceed 185 billion tons including 175 billion tons identified at Thar coal fields alone. The power project at port Qasim has significance due to importance of Karachi in Pakistan's economy and it can play a crucial role in the economic development of the country. Since the production of electricity from coal is cheaper, ten coal fired power plants with a capacity of 660 MW each are being initiated at Gaddani which would add 6600 MW to the national grid. The Economic Survey also notes progress in alternative energy ie, from wind, solar and biomass.

KARACHI: Pakistan is facing a critical energy crisis and needs to tap alternative energy resources to improve its power grid. Key speakers at a seminar on the effectiveness of wind energy in curbing energy challenges in Pakistan agreed it was extremely important to look forward and towards alternate energy resources such as wind. Although Pakistan has one of the world's best resources for wind and solar power, so far the country has only exploited an insignificant amount of the potential. Ambassador of Denmark Jesper Moller Sorensen highlighted the Danish story of transitioning from a society dependent on imported fossil fuel to a completely energy independent economy with an increasing amount of renewables in the energy mix.

Sindh senior Minister Khuhro said the government was creating an enabling environment for potential investors in developing infrastructure, coal mining, coal and wind power generation in the province. He assured on behalf of the government provision of requisite infrastructure Board of Investment was providing one window solutions to streamline investors' requirements. Khuhro said the current focus of the energy fuel mix was on developing indigenous energy resources and reliance on alternative sources would help save billions of dollars in foreign exchange currently being spent on import of expensive refined furnace oil (RFO).

Danny Nielsen Chief Operating Officer Vestas Asia Pacific and China said wind energy has been used for more than 30 years and today the world's fastest growing energy resource. "We believe wind energy has a lot to offer Pakistan. We have a successful global track record of providing energy solutions to more than 73 countries and we know exactly the challenges for wind frontier markets like Pakistan when embarking on the wind journey. Nielsen said, "Vestas is committed to be the trusted partner to Pakistan's local wind industry throughout this exciting journey." He informed the audience the delegation was visiting the country as Vestas sees Pakistan as a market with a huge potential. Vestas is ready to share knowledge with wind energy partners in Pakistan and would also bring in its experience working with international financial institutions and share resources with local investors.

Representatives from Denmark's Export Credit Agency and Investment Fund for Developing Countries also shared their experience working together with other international financial institutions and local investors. The government of Pakistan has estimated the country lost up to 3 percent of its Gross National Products only due to power shortages.

The government has allocated Rs 43,427.180 million for the water sector in the Public Sector Development Programme (PSDP) for the year 2014-15 for various ongoing and new projects.

According to the budgetary documents released on Tuesday, the government has specified Rs 1 billion for flood dispersal structure (Bolan), Rs 1.2 billion for construction of 100 delay action dam in Balochistan, Rs 1 billion for Daewat Dam and Rs 3 billion for Extension of Right Bank Outfall Drain from Sehwan to Sea (RBOD-II) in the PSDP for 2014-15. Similarly, Rs 2.2 billion has been earmarked for Gomal Zam Dam, Rs 10 billion for Kachi Canal Project, Rs 20 billion for Kurram Tangi dam, Rs 1.75 billion for lining of distributaries and minors in Sindh and Rs 2.25 billion for lining and irrigation channel. Rs 2.6 billion has been allocated for Naulong Storage Dam, Rs 1.6 billion for Nai Gaj Dam, Rs 1 billion for normal flood programme and Rs 2 billion for reconstruction of Shadi Kour Dam.

ENERGY & POWER REGULATORY FRAMEWORKS NEWS

Prime Minister performs ground breaking of DASU Hydropower Project

www.wapda.gov.pk
 June 25, 2014

Prime Minister Muhammad Nawaz Sharif performed the ground-breaking ceremony of the 4320 (MW) Dasu Hydro-Power Project today at Dasu. Governor Khyber Pakhtunkhwa Sardar Mehtab Ahmed Khan, Federal Minister for Water and Power Khawaja Muhammad Asif, Secretary Water and Power Ms. Nargis Sethi, Chairman Wapda Mr. Zafar Mehmood, Lt. Gen. @ Salahuddin Tirmazi, Chief Secretary Khyber Pakhtunkhwa also attended the ceremony.

While speaking at the ceremony Prime Minister expressed that "today is historic day not only for Pakistan but also for the people of the area as we perform the ground-breaking of 4320-MW Dasu Hydropower Project. The ground-breaking of Dasu Project is a reflection of the present government's resolve to achieve energy security for fast-paced development of the country". We are spending Rs. 500 Billion on this area which will provide employment to locals and help significantly in poverty alleviation, added the Prime Minister. PM further said that we have always worked for the development of Pakistan and initiation of infrastructure projects like Motorways has been the hallmark of our government. "If we are allowed to complete our 5 years term, Pakistan's fate will turn around Insha Allah", said the PM. Prime Minister further said that World Bank's assistance for this project is a manifestation of sound economic policies of this government.

Prime Minister said that River Indus provides 40,000 MW of power potential while we have only been able to tap only 7000 MW so far. We plan to fully utilize this potential and 4500 MW Diamer-Bhasha Dam is another project on river Indus which we will take up shortly after Dasu hydro power project, PM added. He termed the Dasu HPP a big initiative in terms of its power generation capacity adding that present government has taken many steps to provide sufficient energy to power starved economy. He also thanked the World Bank which is providing assistance for the project.

Prime Minister while stressing upon the availability of affordable electricity said that, "Our problem is not merely the availability of electricity. What we are striving for is cheap and affordable electricity to meet the requirements of growing economy and increasing population. It is here that the role of hydel electricity is of immense importance to rid us of the scourge of power shortages and put our economy on the trajectory of development. It is through addition of hydel electricity in the system that we can bring down the power tariff and consequently provide relief to the common man".

Earlier the PM was briefed that Dasu Hydropower Project is a run of river project at the Indus River located 7 km upstream of Dasu Town, District Kohistan, Khyber Pakhtunkhwa. It's Installed Capacity is of 4,320 mega watts. The Project has been proposed to be constructed in two Stages. The first stage includes six (06) units with total installed capacity of 2,160 MW, Land Acquisition, Resettlement and Environmental & Social Management. The second stage includes installation of remaining six (06) units. The construction of Stage-II will be taken up after completion of Stage-I. The total cost of stage one estimated to be is Rs 486,093.3 million and will be completed in five years, while the first unit will start production after 4.5 years.

The Prime Minister was also briefed about the current status of the project. The Chairman Wapda apprised the PM that detailed Engineering Design Studies of Dasu HPP including Environment and Social Studies and Pre-qualification & bidding documents have been completed. The ECNEC in its meeting held on March 28, 2014 has approved the PC-I of Dasu HPP for Stage-I with Project Cost Rs. 486,093.30 Million. Total thirty (30) resettlement sites have been identified and finalized with the consultation of affected people of respective villages. The master plan and survey of eight (8) resettlement sites have already been completed. The World Bank Board of Directors has approved the financing of Stage-I of Dasu Hydropower Project with US\$ 1048.4 Million, PM was told.

K-Electric Wins the Global Transformational Business Award for its Exceptional Performance

K-Electric
 June 16, 2014

KARACHI, 16TH JUNE, 2014: K-Electric (KE) has been honored with the prestigious FT/IFC Transformational Business Award for exceptional achievement in Project Finance – Energy. KE became the only company in the energy sector to have won the international award recognizing KE's financial achievements in the field. KE CFO, Mr. Moonis Alvi received the award at the award ceremony held at a hotel in London.

The Financial Times and IFC (a member of the World Bank Group) Transformational Business Awards, an expansion of the FT/IFC Sustainable Finance Awards highlighted innovative, commercially viable, and replicable products and services that can create long-term, transformative solutions to development needs. Such needs lie in areas such as infrastructure, energy, food, water, affordable housing and health. The awards also recognized the use of technology to empower the poor, initiatives to reverse environmental and social degradation, and efforts to promote gender diversity. The program in its first year attracted 237 entries from 214 institutions in 61 countries.

Speaking on the occasion, Mr. Alvi said, "I am greatly overwhelmed to receive this esteemed award from IFC and grateful to the jury for recognizing KE's achievement in the energy sector. KE has come a long way from being a loss making institution to a privatized profitable venture that has become one of the most successful turnarounds in the history of Pakistan. The company transformed itself competently by not only becoming profitable but also increasing the capacity of electricity generation and establishing a more efficient electricity transmission system."

"The winners list shows us that businesses in developing countries are driving innovation and that the private sector is increasingly focused on projects that can have a long-term impact," said IFC Executive Vice President and CEO Jin-Yong Cai. "The awards give companies a global platform to showcase their work, expand into new markets, and demonstrate that the toughest issues in developing countries can be addressed in sustainable and profitable ways."

The award winning by KE is not something to be proud of only for KE, but for Pakistan. The award was organized by the leading international financial institutes highlighting the credibility of the

KE installs 143 New Low-Cost connections in the underprivileged area of Mianwali Colony & Pakhtoon Para Baldia

K-Electric
June 13, 2014

K-Electric & FIA conduct successful raids; Theft of electricity worth almost Rs.1 Crore 80 Lacs caught

K-Electric
June 12, 2014

NTDCL completes construction work of 220KV grid station and 274 km transmission line in Balochistan

www.ntdc.com.pk
June 9, 2014

recognition. Awarded on its merits as a transaction with truly transformational social, economic, environmental and corporate governance benefits, KE continues to transform Pakistan's energy sector while positively enriching lives of over 23 million citizens of Karachi.

KARACHI, 13TH JUNE 2014: K-Electric (KE) through its press statement was pleased to announce that the company has successfully installed new low-cost meters in the area of Baldia. Both Mianwali Colony and Pakhtoon Para were kunda infested areas where this low cost installation drive was conducted by the power utility. The concept of a 'One Stop Shop' was executed by K-Electric where residents and shop owners could fill the application forms and get on-spot approval of the low-cost meters for an upfront cost of Rs.2,600.

Prior to this drive these kunda infested areas were causing severe losses to the company, but KE conducted an aggressive pre-launch campaign, which included awareness sessions for the residents, distribution of pamphlets, formation of a camp office and announcements in nearby mosques. Residents were encouraged before this drive took place to take responsibility and get the new low-cost meters installed instead of using illegal hook connections.

Giving details the press statement added that the company installed 143 low cost connections and the execution shall continue in the following days as well. The company is expecting a total yield of 200 plus connections in the above mentioned areas. KE's Deputy Chief Distribution Officer for Region 1 Arshad Iftikhar along with his team was present on the spot to hear the complaints of the residents of Mianwali Colony and Pakhtoon Para Baldia, and was personally overseeing the entire process of low-cost installation.

KARACHI: K-Electric, formerly KESC, released a press statement and gave details about successful raids against electricity thieves with the help of the FIA. The FIA and the KE team were accompanied by the KE Police and raided nine different sites, and found them involved in electricity theft. Eight of these sites belonged to Surjani whereas one was from North Karachi. According to the press statement, arrests were made from each site as well.

In North Karachi KE's manager inspection caught a Plastic factory which was located in the basement of a house and indulging in electricity theft. After the owner of the house refused to grant any access to the inspection manager, the KE and FIA teams were called upon, and once the house was raided, electricity theft of almost Rs. 1 Crore 25 Lacs was found.

In the area of Surjani, the two teams raided Sunny Plaza which was involved in electricity theft, which stood to almost Rs.19 Lacs. In the same area, two marriage halls named Emaan Marriage Hall and Marhaba Marriage Hall were also raided and a bill of more than Rs.12 Lacs was placed on the two halls by the KE team. Three more marriage halls belonging to one consumer were also raided by the FIA and KE teams in the area of Surjani, and electricity theft of more than Rs.10 Lacs was caught.

The press statement added that a garment factory in Surjani after thorough inspection was also raided and was caught stealing electricity worth almost Rs.5 Lac. On the other hand a house in the same vicinity was also raided by the two teams as well, where electricity theft of more than Rs.9 Lacs was caught. KE along with the FIA has been conducting an anti-theft drive all over Karachi and KE vows to continue such drives so that theft of electricity could be controlled.

National Transmission and Despatch Company Limited (NTDCL) has completed construction work of 220KV Grid Station at Khuzdar alongwith 274km long transmission line from Dadu to Khuzdar with a cost of Rs 7450 million, financed by Japan Bank (JICA).

MD NTDCL Engr Tahir Mahmood has said that this transmission line has been connected with national grid and started power supply to Balochistan. He said that, the project is envisaged to meet power demand of remote areas of Balochistan and indeed, is a gift from government of Pakistan to the people of Balochistan. Since they were facing multiple problems due to the only transmission line which was supply power to Quetta from Guddu-Sibbi-Quetta transmission line.

While elaborating the details of project, Engr Tahir Mahmood said that during the construction work and laying of transmission line, NTDCL engineers, staff and contractors faced lot of adversities owing to difficult mountainous terrains, poor situation of law and order in far-flung areas of Balochistan. However, they set aside all difficulties and worked day and night to complete this vital project for the people of Balochistan. This project will improve voltage level, power capacity as well as overall power supply of Balochistan. It will also benefit industrial, agricultural, and commercial sector, hence, will lead the country to prosperity, he added.

HUMANITARIAN INTERVENTIONS IN ENERGY SECTOR

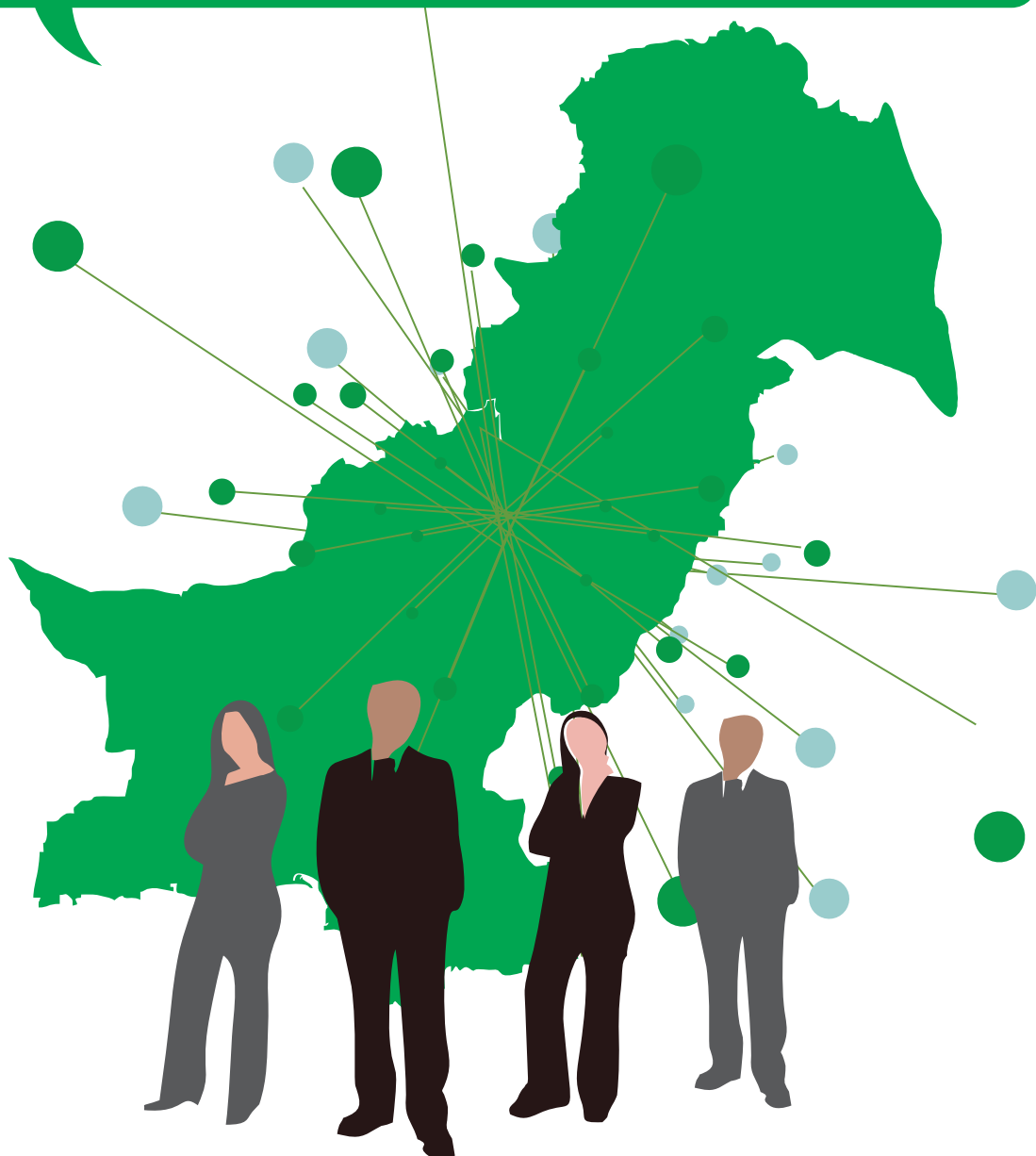
Fiza Farhan- CEO Buksh Foundation Participated as Energy Specialist from Pakistan at the UN Foundation-1st SE4ALL Forum.

*Buksh Foundation
June 17, 2014*

Buksh Foundation, a microfinance institution, represented Pakistan at the first annual Sustainable Energy for All (SE4ALL) forum, organised at UN Headquarters in New York. Fiza Farhan- CEO Buksh Foundation Participated as Energy Specialist from Pakistan at the UN Foundation-1st SE4ALL Forum.

Buksh's CEO Fiza Farhan, while representing the country at the forum, "stressed the importance of the network in working with private sector foundations to leverage more public financing for energy access", according to a press release issued on Tuesday. SE4ALL is an initiative to mobilise action from all sectors of society to realise sustainable energy for all by 2030.

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ENERGY SECTOR PROFESSIONALS**

MULTAN DISTRICT ENERGY PROFILE

The district of Multan is spread over an area of 3,721 square kilometres. It is located at 30.2 °N latitude and 71.45 °E longitude. The population of the district is 5 million¹. Multan District is surrounded by the Khanewal to the North and North East, the Vehari to the East and Lodhran to the South. The Chenab River passes on its Western side, across which lies Muzaffargarh. Multan District currently has four tehsils namely; Multan City, Multan Saddar, Shujabad and Jalalpur Pirwala. It has 124 Union Councils, 527 Mauzas, 2 Municipal Committees, 3 Town Committees and 1 Cantonment.²

Multan Electric Power Company (MEPCO) was incorporated in 1998 and is the largest Distribution Company of PEPCO. It provides electricity to 13 districts of South Punjab. It is the only distribution company which touches three provinces and five distribution companies of Pakistan as HESCO (Sindh) at Sadiqabad, PESCO (KPK) at Vahova, QESCO (Balochistan) at Fort Manro, FESCO at Bhakkar and LESCO at Sahiwal. MEPCO also touches the border of India at Minchinabad Bahawalnager. Administratively MEPCO control this area through its eight operation circles names Multan, Sahiwal, Bahawalpur, Bahawalnager, Muzaffargarh, D.G.Khan, Rahim Yar Khan and Vehari. Its total consumer strength is 4.845 Million. It has 112 Company grids and 8 consumer grids³. MEPCO transmission losses are at the higher side. It reported total system energy losses of 19% in the 2009-10 fiscal year⁴.

The peak electricity demand for the district stands at 870 MW during 2012-2013 with annual energy sale reported as 3395 GWh. The projected peak demand for year 2013-14 is estimate at 898 MW. This demand is met through eleven (11) distribution grid stations. These grid stations include ten (10) 132 KV and one (1) 66 KV grid station. The total transformation capacity of these grid stations stands at 745 MVA. Category-wise peak demand per grid stations and Category-wise projected energy units requirements per grid station are shown in the tables (Info graphs).

Natural Gas is the dominant source of energy for cooking and heating purposes. Sui Northern Gas Company Limited is responsible for supplying and distributing Natural Gas in Multan District. The distribution and transmission of natural gas is handled by Multan Region of the SNGPL. Gas distributions system capacity for Multan District for the 2013 is reported to be as 697 MMCFD. SNGPL is providing Gas to 141,328 customers out of which the domestic consumers are the largest portion amounting to 97.19% with 137,359 domestic consumers. The rest of the consumers include 1,635 as commercial, 82 Industrial, and 2,252 as bulk supply consumers which is the second largest customer category and is close to 1.6 % of the total consumers.

The district houses the largest urban center of Southern Punjab where the fuel requirements of transport sector is being met by a diverse network of corporate and private owned Petrol and CNG filling stations. There are 73 Petrol/Diesel Stations where Shell by supplying fuel to 16 stations has grabbed approx 22% of the Petrol/ Diesel supply to the District. Askar with 13.70 %, Attock Petroleum 12.33% and PSO with 10.96% are some of the major suppliers of fuel to Multan District. Besides petrol and diesel stations there are 92 CNG stations out of which almost 77% of these are owned and operated by private individuals while PSO operates 7.61%, Shell 7.61%, Total 4.35% and rest are operated and supplied by other Petroleum product providers.

WASA Multan was established in year 1992. Presently, WASA provides water to 60% of the population by producing and supplying at least 31.5 million gallons of drinking water daily. Almost 12 million gallon water per day is produced through boaring by masses.⁵ The Water Supply System comprises distribution lines 960 Km in length ranging from 2" i/d to 24" i/d , 80 Tube wells (279 Cusecs producing capacity) and 21 OHRs with 02.35 MGD capacity. WASA has made a breakthrough in raising the Recovery from Rs. 45.607 million (in year 2002-03) to Rs. 96.272 million during the year 2005-06.

Following are the names of Gas/oil fields in Multan district:

- Bahu Gas field
- Nandpur Gas field

¹ <http://www.multan.gov.pk/page.php?data=36>

² <http://www.pbs.gov.pk/sites/default/files/tables/District%20at%20a%20glance%20Multan.pdf>

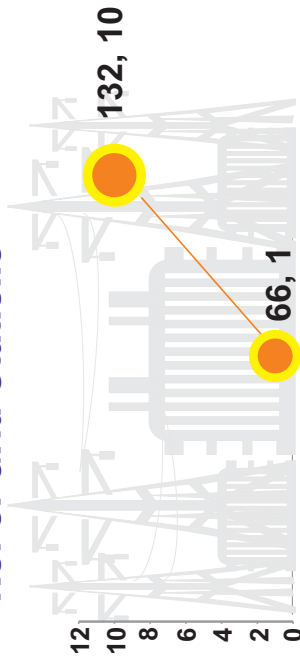
³ <http://www.mepco.com.pk/htmls/toverview.html>

⁴ <http://www.pdip.pk/wp-content/gallery/knowledge-center/discos-action-plans/MEPCO%20Action%20Plan.pdf>

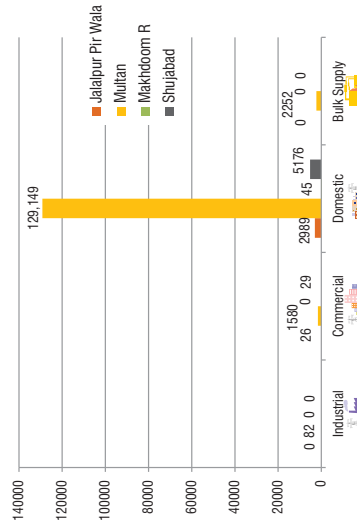
⁵ <http://www.multan.gov.pk/page.php?data=129>

District Multan Energy Profile

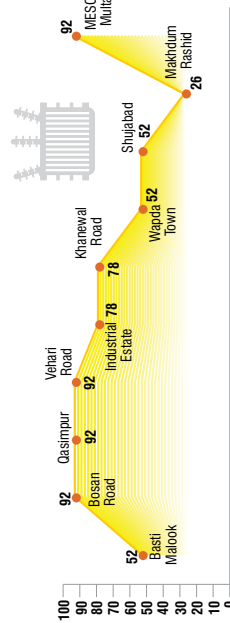
No. of Grid Stations



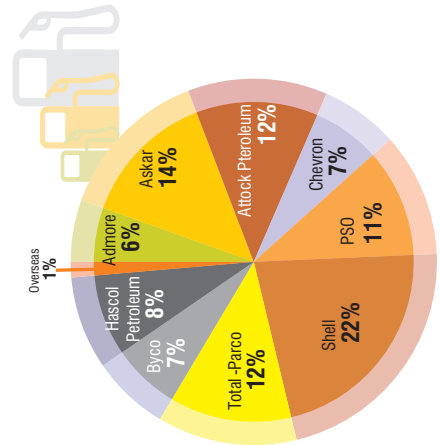
Number of Customers in Multan Region with Towns lying in District Multan



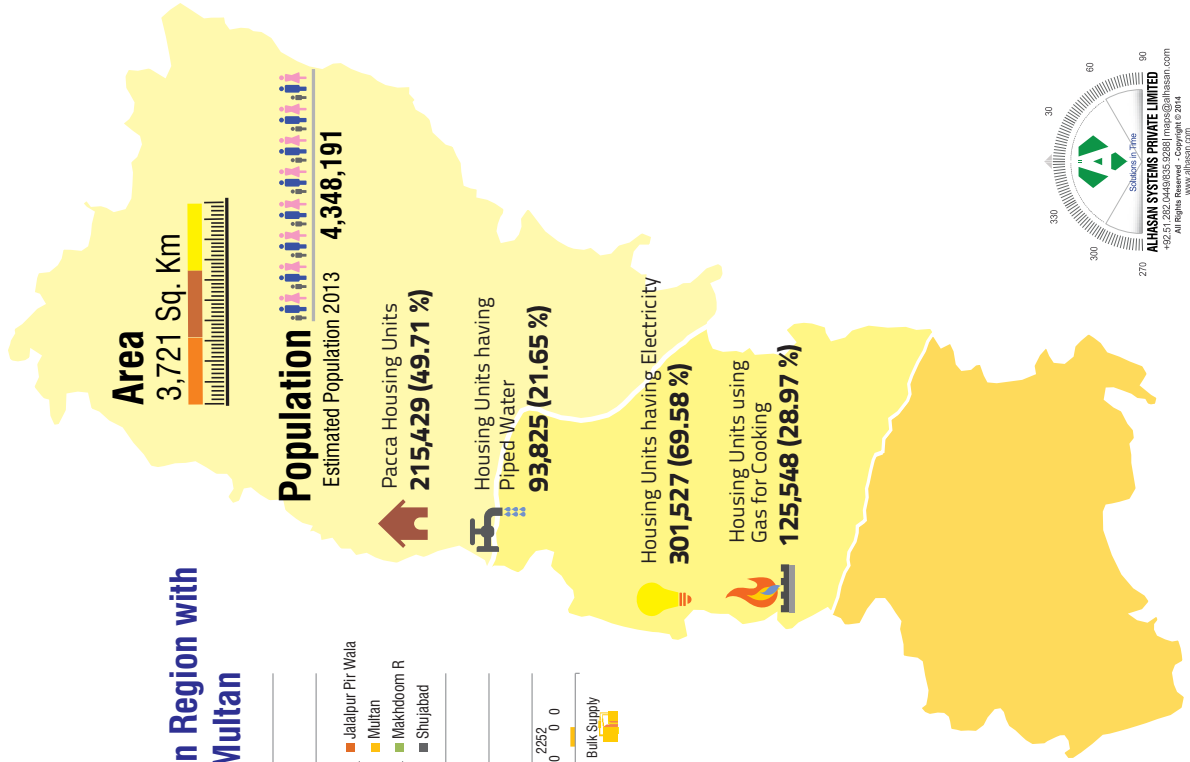
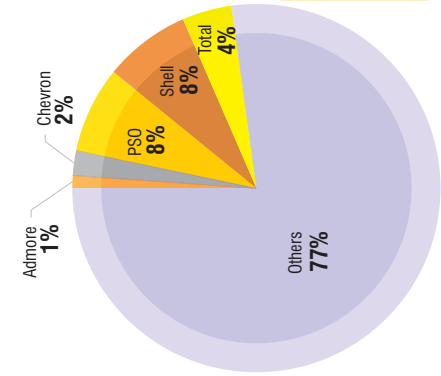
Maximum Demand of 132 KV Grids



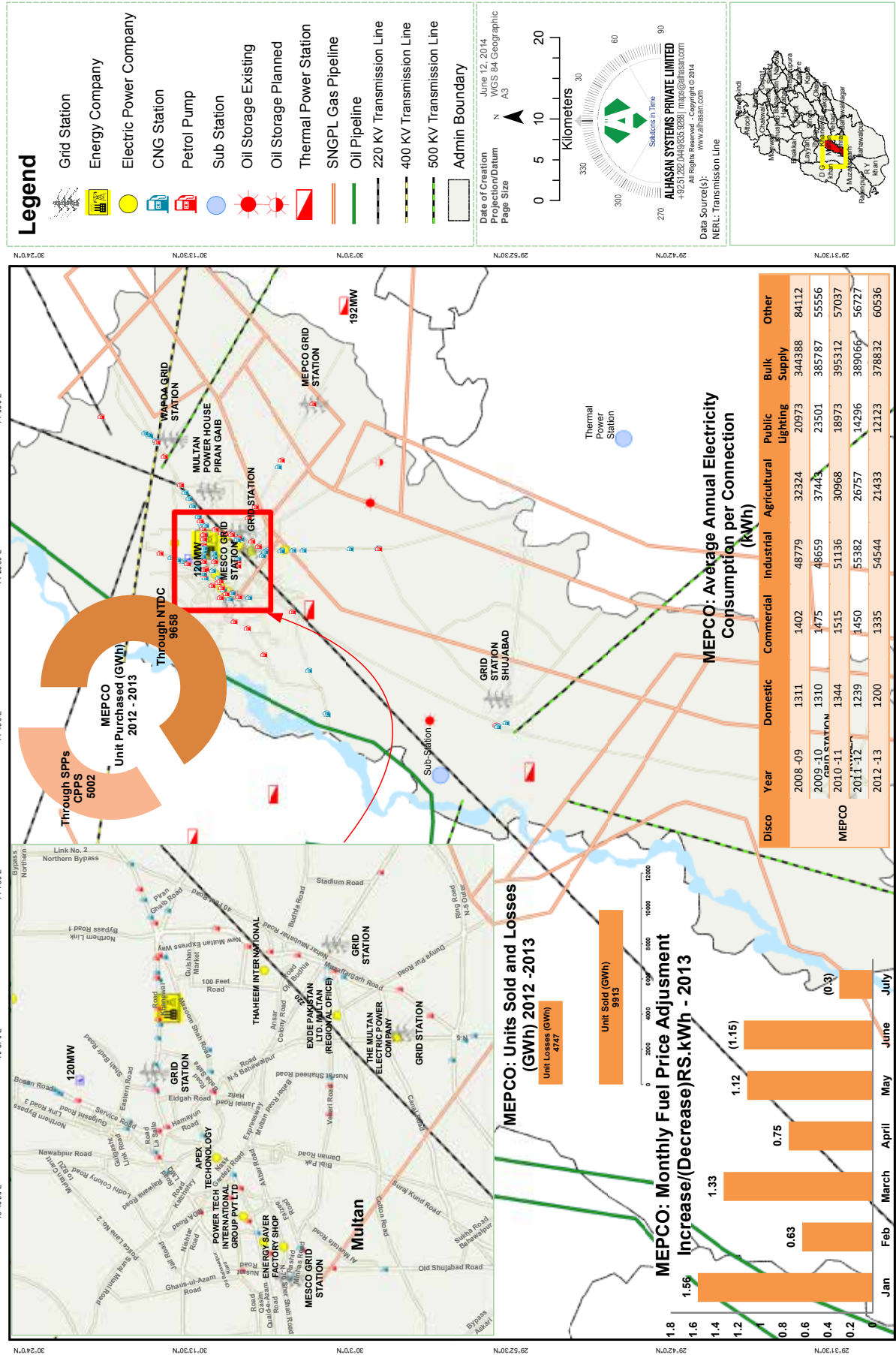
List of Fuel Stations



List of CNG Stations



MULTAN ENERGY PROFILE



MAKE LIGHT WHILE THE SUN SHINES

By Dr. Aftab Afzal Ranjha
 The News June 22, 2014

Instead of wholesale import of solar products from China, the government needs to develop indigenous solar technology countries in Europe and western hemisphere still suffer shivering cold and bleak climate, the plains and plateaus in Pakistan down from Potohar to Cholistan and Thar to Kharan deserts experience bright daylight and sizzling heat as sun rises on the skies of this land of pure with full might in summer.

There is no denying the fact that there are abundant natural resources in every part of the country, including coal reserves sprawling over millions of hectares land in Sindh, uranium and iron reserves in Punjab and gas and precious stones in Khyber Pakhtunkhwa and Balochistan. The Northern Areas and the North Waziristan are benevolently rich in all kind of mineral resources, including gold. The worth of the natural resources in Pakistan is said to be more than the collective oil and gas reserves of the entire Middle East region, including Iran.

Despite the fact that our people are endowed with best brains in the world, we have failed to tap any of the natural gifts, including solar energy to change the lot of this nation.

Solar energy is cheap and easily accessible source of alternative energy and its attainment is not a rocket science. But it has become our national character to sit in limbo and wait for a saviour to guide us to the right direction.

The country has been facing the worst energy crisis for the last many years, but not a single political leader who matters came forward with a feasible plan to extricate the nation out of crisis. Instead of finding cheap alternative energy resources, the maximum achievement of our political governments and bureaucratic machinery was to purchase expensive electricity on one pretext or the other. Billions of dollars have been burnt in power units set up in the private sector in cahoots with the government officials. As a result, the nation lags behind even the developing nations in the region such as India and Malaysia and the energy crisis severely battered our economy, especially the industrial and textile sectors. We lost foreign buyers, we lost foreign exchange, and we generated unemployment in bulk.

Solar energy and world trends:

The magnitude of sunlight that falls on earth is 120,000 TW (terawatt or trillion watt) whereas the potentials of solar energy in Pakistan is around 2.9-TW. The development of alternative energy resources, especially for a country like Pakistan is very important with the solar energy as the best option to cater to the need of the country's industrial and domestic requirements.

There is also a growing trend all over the world to develop environment-friendly and clean sources of energy and curtail dependence on oil and gas to produce electricity. Many countries where the natural resources are depleting at a fast rate are developing alternative means of electricity production and on the top of the list of the renewable energy sources is solar power.

Currently, many European countries and the United States are shifting their focus from thermal power to solar power and have become promising markets for the solar energy suppliers such as China, which has emerged as the largest solar panel supplier in recent years.

As regard to Pakistan, there is an urgent need to develop indigenous solar technology or at least develop partnership with China or Malaysia to produce photovoltaic cells in the country.

Panels and photovoltaic cells:

A solar panel is made of photovoltaic cells or semiconductors — commonly known as silicon — which allow light to be converted

into electricity, says Ahmed Saeed, an electrical engineer, in a private company which offers solar power solutions. He adds that the sunlight contains photons, which the semiconductors absorb and create electrons within the panel.

Elaborating further, he says that electrons have a tendency to break away to release their charge. As a solar panel provides an electrical field, it allows the electrons to flow toward an external system or device that can be used to create energy. According to Saeed the government has banned the manufacturing of photovoltaic cells in Pakistan due to the reasons best known to those who matter.

But Khalid Islam, director general of the Pakistan Council of Renewable Energy, says that the only option for us is to import cells from China. Talking to TNS by telephone, he dispelled the impression that the government has banned the manufacturing of photovoltaic cells in Pakistan. "It is absurd to even think like that," he said, adding that many European countries and even the United States imports cells from China which are cost-effective. "A photovoltaic cell which was available for Rs350 a couple of years ago now costs around Rs150," he said. He said that one gigawatt electricity is required to run a photovoltaic cell plant.

Solar energy and Pakistan:

Pakistan receives trillions of watts solar energy per day due to its vast plains and clear skies and there is a tremendous scope to establish solar parks on the desert land across the country and can easily fill the needs of Karachi, Rawalpindi, Peshawar, Quetta, Multan, Bahawalpur, and several other cities.

The Punjab government has already started mega projects in various parts of the province in cooperation with China. The generation of solar energy is also necessary in view of difficulties in distribution of electricity across the country where 65 per cent of the population lives in remote villages, mostly in Balochistan without any access to the luxury of electricity. A large amount of funds are required to link those villages with national electricity grid and it is not possible in the foreseeable future. The only option left to acquire electricity is solar energy.

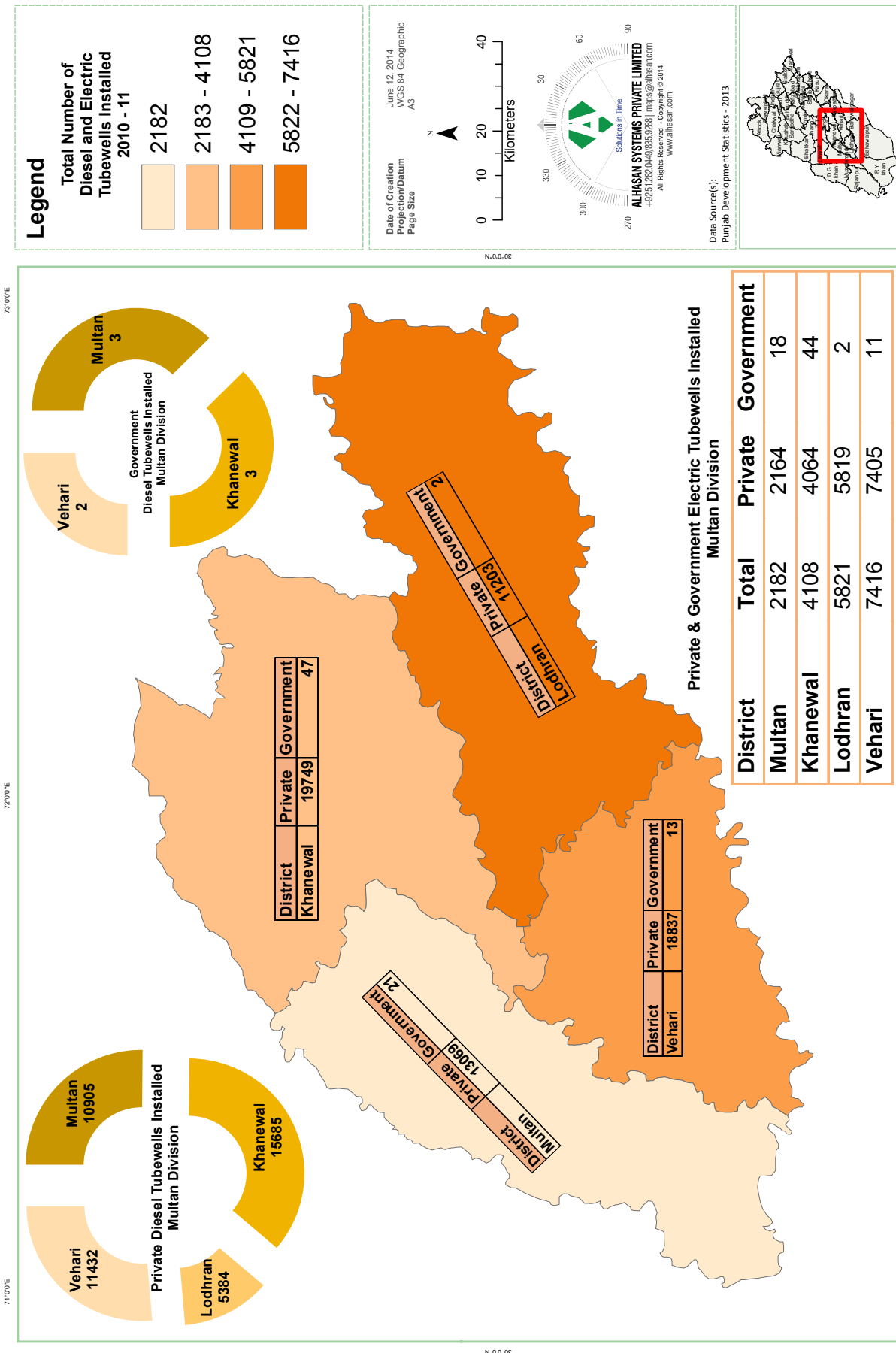
"The government is effectively trying to import solar panels to complete the ongoing projects, but is not sincere in developing indigenous solar technology or import technology from China," says Imran Shafqat Butt, an IT professional, who runs a small solar solution providing company. "When Chinese companies are willing to transfer technology to Pakistan, why to import panels," he says, adding that a Chinese company was willing to install a photovoltaic cell plant in Pakistan costing Rs 40 million.

A million dollar question:

A war between the United States and China over the import of solar products has just finished after the US Department of Commerce levied substantial tariffs in its just-announced preliminary finding in the Chinese solar module trade investigation. On another note, India has also curtailed the imports of solar products from China and the United States to protect its indigenous solar industry.

In the current scenario, why Pakistan has started wholesale import of solar products from China when the Chinese companies are willing to invest in Pakistan and transfer technology is a million dollar question. Only some planning is required and we will not only be able to fulfill the country's energy needs, but would also emerge as the biggest solar energy producer in the world, if we start manufacturing solar cells.

DIESEL AND ELECTRIC TUBEWELLS INSTALLED - MULTAN DIVISION



PAKISTAN SURGES INTO COAL-FIRED POWER PLANTS TO MEET ENERGY DEMAND

By Saleem Sheikh and Sughra Tunio

Thomson Reuters Foundation, June 11, 2014

Plans announced by the Pakistani government to more than double the country's power output by building upwards of 15 coal-based power plants have drawn strong criticism from environmentalists who fear the consequences for the environment and the health of the country's population.

The government plans to generate around 15,000 megawatts (MW) of electricity from coal-powered plants over the next few years is designed to meet a chronic energy shortfall, according to the federal water and power ministry.

"At present, urban and rural areas are facing intermittent power disruptions totalling 10 and 15 hours every day, respectively," said Arshad Abbasi, a water and power policy expert at the Sustainable Development Policy Institute, an Islamabad-based independent think tank.

The energy crisis becomes graver during the scorching summer months of June to September, when temperatures soar beyond 50 degree Celsius across parts of the country and the demand for electricity shoots up as people turn on air conditioners and room coolers.

But environmentalists say that while the new power plants may boost electricity generation in the short term and provide relief to the public from power cuts, the cost to the environment is too great.

They point out that coal is the most polluting of all fossil fuels and say the government's plans could increase the country's carbon footprint many times over from its current level of 0.8 percent of total global carbon emissions.

'UTTER DISREGARD FOR THE ENVIRONMENT'

"Pushing ahead with plans of increasing power generation from coal-reliant power plants instead of other abundantly available sources of energy, which are clean and sustainable, shows the present government's utter disregard for the environment and public health," said Hameed Ullah Jan Afridi, a former federal environment minister.

Pakistan currently generates some 13,000 MW against a demand of 16,000 MW which rises to more than 20,000 MW in the peak of summer.

Hydropower accounts for one-third of the country's total power generation, while solar and wind provide less than 8 MW. In response to countrywide public protests about the crisis, Prime Minister Nawaz Sharif has stepped up efforts to reduce the energy shortfall as much and as quickly as possible.

On January 31 this year, Sharif inaugurated the construction of a \$1.6 billion coal-based power generation project in southern Tharparkar district, despite strong resistance by civil society organisations to the initiative.

Due to be operational by mid-2017, the project involves six coal-fired power plants, each of which will generate 660 MW.

HUGE BROWN COAL RESERVES TAPPED

A Thar coal field in the region has estimated reserves of 175 billion tonnes of lignite (brown coal), equivalent in energy potential to the total oil reserves of Saudi Arabia and Iran combined, and could be used to produce 100,000 MW of electricity for 200 years, according to reports by the Geological Survey of Pakistan.

"Undoubtedly, the power project will play havoc with (the) desert ecosystem of Tharparkar, particularly (by contaminating) the existing underground aquifers, which are fast shrinking and not getting recharged due to erratic rainfall patterns," said Ali Akbar Rahimoo, a desert ecology expert and head of the Tharparkar-based Association for Water, Applied Education and Renewable Energy.

"(With) increased mining of underground water to meet the needs of coal power plants, the depleting aquifers will come under pressure, putting the local people and livelihood sources at stake," he added.

In April this year, Sharif also gave the go-ahead for another 600 MW plant in Jamshoro, a district in Sindh province, in the country's south. And in May, the government approved two further coal-fired power plants in the Gadani Power Park in Gadani, a coastal town in the south-western province of Balochistan.

Abid Sher Ali, Pakistan's state minister for water and power, said in a telephone interview that as many as 10 coal-power plants will be built at Gadani, with a capacity totalling 6,600 MW, with technical and financial assistance from abroad.

FUNDS FROM CHINA, DUBAI, TURKEY

"China has consented to invest in six coal power plants, two projects (will) be constructed by ANC Dubai and one project has been initiated by the government of Pakistan," said Ali, adding that the Ciner Group of Turkey had also agreed to start work immediately on a 660 MW coal-powered plant at Gadani.

Meanwhile, in March of this year, Punjab's chief minister, Shahbaz Sharif, finalised a separate plan to generate 7,800 MW of energy by building six coal-fired power plants in that province.

During a meeting with Pakistan's finance minister, Ishaq Dar, in Islamabad on March 25, the chief minister said that his provincial government would complete two power plants, generating 1,320 MW each, by 2017, with the remaining four due to be finished the following year.

OIL IMPORTS 'UNAFFORDABLE'

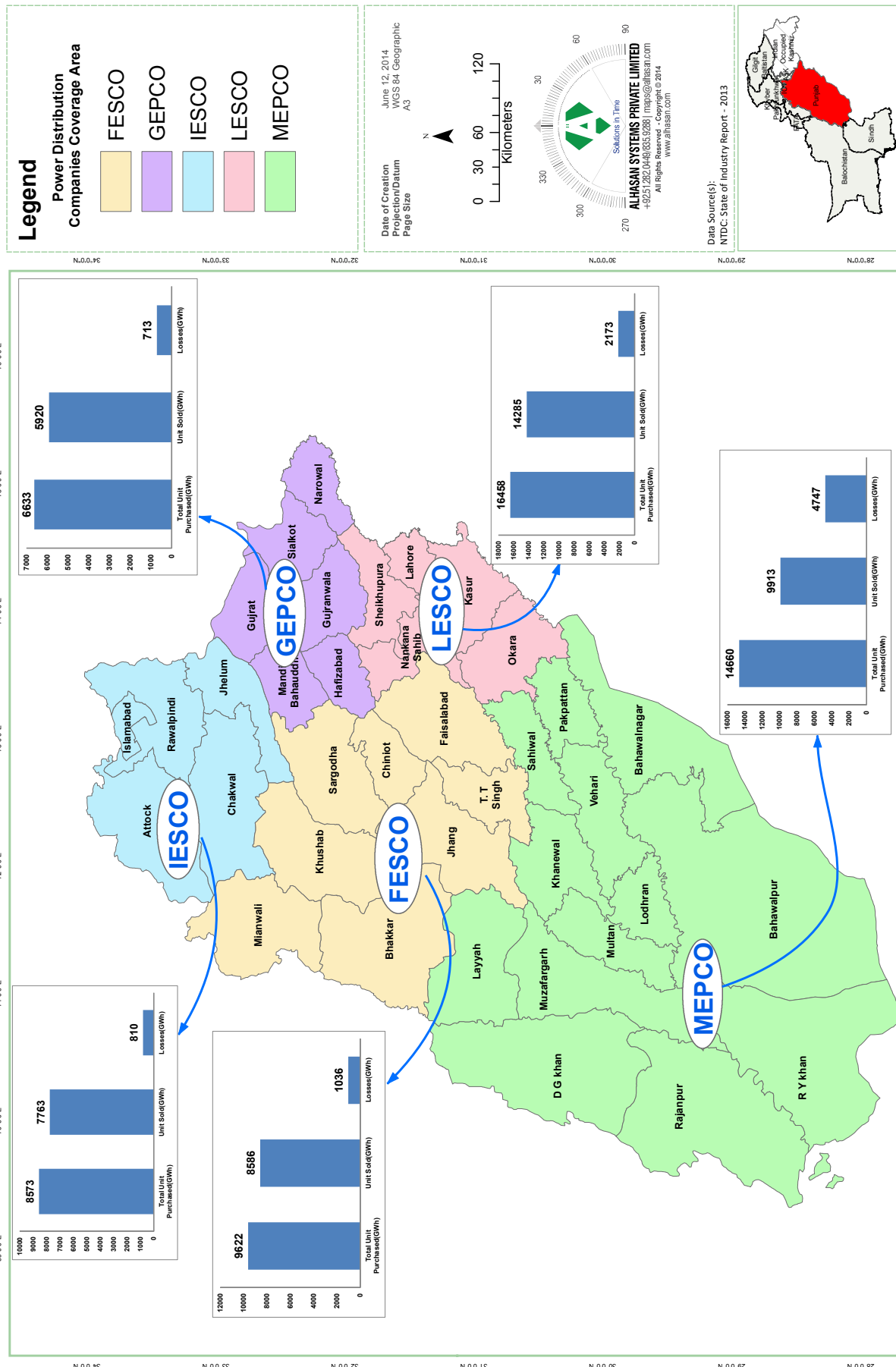
At a post-budget press conference on June 4, Dar described Pakistan's reliance on oil imports to fuel power plants as "unaffordable", blaming spiking oil prices as well as the tight foreign account situation. Confronted with a growing oil import bill – currently \$14 billion annually – the country's private and public oil plants are switching over to coal.

"This is a major and historic fuel-switching plan, as we generate zero percent from coal in contrast with neighbouring India, which generates nearly 70 percent of its electricity from coal-fired power plants," Khwaja Asif, federal minister for water and power, was reported as saying to AFP.

According to the Economic Survey of Pakistan, coal accounts for 6 percent of the country's total energy output. But environmentalists say they are flabbergasted that Prime Minister Sharif, who is also minister-in-charge of the Federal Climate Change Division, is boosting power generation from coal.

They point out that Pakistan could generate 100,000 MW of clean power from rivers alone – Pakistan is already planning 13,000 MW of hydropower dams – and that the country's estimated solar energy production potential is 2.9 million MW per year.

POWER DISTRIBUTION COMPANIES UNIT PURCHASED ,SOLD & LOSSES



تفصیلات

سرخیاں

اسلام آباد (آئی این پی): اوگرا کی طرف سے وزارت خزانہ کو پٹرولیم مصنوعات کی قیمتوں میں اضافہ کیلئے بھجوائی گئی سری کی آج منظوری متوقع ہے، یکم جولائی سے پٹرول 1.88، ہائی اوکٹین 2.45 روپے فی لٹر مہنگا ہونے کا امکان ہے، سری کے مطابق ہائی سپیڈ ڈیزل 2 روپے 20 پیسے، مٹی کا تیل ایک روپے 86 پیسے اور لائٹ ڈیزل 2 روپے 10 پیسے سستا کرنے کی تجویز ہے۔

اسلام آباد (نوائے وقت رپورٹ): اوگر نے سوئی سدرن اور ناردن کے ٹیرف میں اضافے کی منظوری دیدی۔ سوئی سدرن کے ٹیرف میں 73 روپے ایم ایم پی ٹی یو اور سوئی ناردن کے ٹیرف میں 50 روپے 62 پیسے ایم ایم پی ٹی یو اضافے کی منظوری دیدی گئی۔ ٹیرف میں اضافے سے کمپنیوں کو 47 روپے کاربوئیوٹے ملے گا۔

سکاپور (ایس پی پی): انٹین آئل مارکیٹ میں جمعہ کو کاروباری ہفتے کے آخری روز خام تیل کی قیمتوں میں کمی کارخانہ راجس کی وجہ معاشی اعداد و شمار کے حوالے سے امریکی رپورٹ کا جراثیم ہے۔ ویٹ ٹیکساس انٹر میڈیٹ کے اگست کیلئے اہم سودے 4 سینٹ کی کمی کے ساتھ 105.80 ڈالر فی بیرل میں طے پائے جبکہ بریٹ کروڈ آئل کی تجارت 2 سینٹ کی کمی کے ساتھ 113.19 ڈالر فی بیرل میں ہوئی۔

بجلی کی تنگی تاریخیں اور کھبے ہمارے معاشرے کی بد صورتی کا مظہر ہیں جبکہ ہمارا مجموعی رویہ ایسا ہے کہ ہم آنے والے دور کی منصوبہ بندی کرنے کی بجائے فرسودہ سسٹم کی لپیٹا پوتی شروع کر دیتے ہیں۔ جس سے وقتی طور پر توشاید فائدہ ہو جائے مگر وہ دیر پاہر گز نہیں ہوتا۔ ہم آج کل بڑے بڑے اوور ہیڈر جز اور میٹروٹرین چلانے کی باتیں تو کر رہے ہیں لیکن بجلی کی ترسیل کے فرسودہ نظام یعنی بے ہنگم تاروں اور زمانہ قدیم کے کھیموں کے نظام کو بدلنے پر آمادہ نہیں۔ جیسے ہم اپنے گھروں کی تعمیر میں اوپن گرائونڈ سے انڈر گرائونڈ وائرنگ پر منتقل ہو چکے ہیں بالکل اسی طرح ملکی سطح پر بھی یہ لائحہ عمل اپنانے کی ضرورت ہے۔ گویہ طریقہ تھوڑا مہنگا ہے مگر یہی دیر پا اور محفوظ ترین طریقہ ہے۔ ابھی کچھ ناٹو نزیں ماڈر گرائونڈ وائرنگ سسٹم چل رہا ہے لیکن ہمیں پورے ملک میں بجلی کی ترسیل کا یہ نظام کو بدلنا ہو گا۔ یک مشت تو ایسا کرنا ممکن نہیں مگر مرحلہ وار پلاننگ سے اس جھنجٹ سے نجات حاصل کی جاسکتی ہے۔ (عمار عارف)

اسلام آباد (آئی این پی): نیپرا نے بجلی کی قیمتوں میں 81 پیسے فی یونٹ کی کمی کی منظوری دیدی جس کا اطلاق آئندہ ماہ کے بلوں پر ہو گا۔ منگل کو نیپرا کے فیصلہ کے مطابق مئی میں پن بجلی کی پیداوار میں اضافے سے لاگت میں کمی ہوئی جس کے بعد بجلی کے بلوں کی قیمتوں میں کمی کا فیصلہ کیا گیا اور بجلی کے نرخوں میں کمی ماہانہ فیول ایڈجسٹمنٹ کی مد میں کی گئی۔

اسلام آباد (فما سندھ جنگ): حکومت نے بجلی کی 6 تقسیم کار کمپنیوں کی بنیادی تر جی بنیادوں پر کرنے کا فیصلہ کیا ہے۔ کابینہ کی کمیٹی برائے بنیادی تر جی، پشاور، ملتان اور کوئٹہ الیکٹرک سپلائی کمپنی کے علاوہ بجلی کی دو پیداواری کمپنیوں کو بھی ان اداروں کی فہرست میں شامل کر لیا ہے، ان کمپنیوں کو تر جی بنیادوں پر نجی شعبوں کے حوالے کر دیا جائے، حکومت کا اس اقدام کا مقصد بڑھے ہوئے گز دہی قرضوں سے نجات حاصل کرنا ہے۔

اسلام آباد (ان لائن): وفاقی وزیر پٹرولیم شاہد خاقان عباسی نے کہا ہے کہ جولائی سے گھریلو صارفین کے سوا دیگر صارفین کیلئے گیس کی قیمت بڑھانا پڑیگی۔ نجی ٹی وی سے گفتگو کرتے ہوئے انہوں نے کہا وزارت کو اوگرا کی طرف سے رد بدل کی سری کا انتظار ہے، اسکے بعد گیس کی نئی قیمتوں سے متعلق ایڈوائس جاری کی جائے گی۔ تاہم ہدایت کے مطابق گھریلو صارفین کیلئے گیس مہنگی نہیں کی جائیگی۔

اسلام آباد (ان لائن): وفاقی وزیر منصوبہ بندی و ترقی احسن اقبال نے کہا ہے کہ پاکستان توانائی کے بدترین بحران سے دوچار ہے، لوڈ شیڈنگ کا دورانیہ 20 گھنٹے تک بڑھ چکا ہے ہر شعبہ زندگی کے لوگ شدید متاثر ہیں، حکومت کے پاس مہنگا تیل خرید کر بجلی بنانے کے لیے دافر پیسے نہیں ہیں، انرجی کے حوالے سے نئی پالیسی تیار کی جارہی ہے۔ ان خیالات کا اظہار انہوں نے گزشتہ روز پاکستان کے پائیدار توانائی مستقبل کے لیے پن بجلی کے فروغ کے حوالے سے سیمینار سے خطاب کرتے ہوئے کیا۔ وفاقی وزیر نے کہا کہ بجلی کا بحران ایک یا دو سال میں حل نہیں ہو سکتا۔ انہوں نے کہا کہ وفاقی حکومت نے سات سالوں کے لیے 22 ہزار میگا واٹ بجلی پیدا کرنے کا منصوبہ تیار کیا ہے جن پر تیزی سے کام جاری ہے۔ انہوں نے کہا کہ انرجی کے حوالے سے نئی پالیسی تیار کی جارہی ہے جس میں فرنس آئل کے بجائے مختلف ذرائع پر غور کیا جا رہا ہے۔ اس حوالے سے کول پاور پلانٹ کے لیے بھی جدید ٹیکنالوجی استعمال کرنے کے لیے اقدامات کیے جا رہے ہیں تاکہ

کل سے پٹرول 1.88، ڈیزل 2.20 پیسے
لٹر مہنگا ہونیکا امکان
 روزنامہ دنیا

30 جون 2014

اوگر نے سوئی سدرن اور ناردن گیس
کے ٹیرف میں اضافے کی منظوری دیدی
 روزنامہ نوائے وقت

29 جون 2014

خام تیل کی قیمتوں میں کمی
 روزنامہ جنگ
 28 جون 2014

انڈر گرائونڈ بجلی کی فراہمی: محفوظ ترین
طریقہ
 روزنامہ جنگ
 26 جون 2014

نیپرا نے بجلی کی قیمتوں میں 81 پیسے فی
یونٹ کی کمی کی منظوری دیدی
 روزنامہ جنگ

25 جون 2014

بجلی کی 6 تقسیم کار کمپنیوں کی تر جی
بنیادوں پر بنیادی تر جی بنیادوں پر
 روزنامہ جنگ

25 جون 2014

یکم جولائی سے گیس مہنگی ہوگی، گھریلو
صارفین متاثر نہیں ہونگے، وزیر پٹرولیم
 روزنامہ نوائے وقت

24 جون 2014

مہنگا تیل خرید کر بجلی بنانے کے لیے
دافر پیسے نہیں، احسن اقبال
 روزنامہ جنگ

20 جون 2014

ماحولیات کے حوالے سے عالمی برادری کے تحفظات دور ہو سکیں۔ انہوں نے کہا کہ گزشتہ دو سالوں میں انرجی بحران پر قابو پانے کے سلسلے میں کافی بہتری آئی۔ انہوں نے کہا کہ سیاسی استحکام اور امن کے قیام کے بغیر ہم ترقی نہیں کر سکتے، جب تک ملک میں امن و امان کی صورت حال بہتر نہیں ہوگی اور وقت تک ملک میں پائیدار ترقی کا حصول ناممکن ہے۔ انہوں نے کہا کہ غیر جمہوری رویے اب ختم ہونے چاہئیں اور پاکستان کی ترقی کے لیے مشترکہ طور پر عملی اقدامات کرنے چاہئیں۔ انہوں نے کہا کہ آئندہ مالی سال 2014-15 کے ترقیاتی بجٹ میں 200 ارب روپے پاور سیکٹر کے لیے رکھے گئے ہیں۔ انہوں نے کہا کہ توانائی کے بحران کا خاتمہ حکومت کی اولین ترجیح ہے اور اس حوالے سے وزیر اعظم میاں نواز شریف کی قیادت میں پوری ٹیم دن رات محنت کر رہی ہے۔

اسلام آباد (فنانسنگ) رمضان المبارک کے دوران بجلی کی لوڈ شیڈنگ کا دورانیہ کم رکھنے کیلئے تھرمل پاور پلانٹس کو یومیہ 6 ہزار ٹن اضافی تیل سپلائی کرنے کا فیصلہ کیا ہے۔ وزارت پانی و بجلی کے ذرائع کے مطابق ان دنوں تھرمل پلانٹس کو یومیہ 54 ہزار ٹن تک سپلائی کی جا رہی ہے۔ جس کو رمضان المبارک میں 60 ہزار ٹن کر دیا جائیگا۔ اس سلسلہ میں وزارت پانی و بجلی نے وزارت خزانہ کو مزید فنڈز کی درخواست دے دی ہے۔ اس وقت موسم کی شدت کی وجہ سے بجلی کی طلب 18 ہزار میگا واٹ کے برابر ہے۔

رمضان میں تھرمل پلانٹس کو یومیہ

6 ہزار ٹن اضافی تیل فراہم کیا جائیگا

روزنامہ جنگ

19 جون 2014

چھٹی کے روز بھی طویل لوڈ شیڈنگ، مظاہر

سے جاری، گرمی سے بچے سمیت مزید تین

افراد جاں بحق

روزنامہ نوائے وقت

16 جون 2014

لاہور / اسلام آباد / کوئٹہ (نامہ نگاران + نیشنل رپورٹ + ایجنسیاں) لاہور سمیت ملک بھر میں اتوار کی چھٹی کے روز بھی بجلی کا شارٹ فال 4700 میگا واٹ تک پہنچ گیا۔ شہروں اور دیہات میں 12 سے 16 گھنٹے کی طویل اور غیر اعلانیہ لوڈ شیڈنگ نے عوام کی زندگی الجھن کر کے رکھ دی جس کیلئے گزشتہ روز بھی مظاہروں کا سلسلہ جاری رہا اور بجلی کے بل نذر آتش کئے گئے اور شدید نعرے بازی کی گئی۔ کئی علاقوں میں پانی کی بھی شدید قلت رہی اور لوگوں کو مشکلات کا سامنا رہا۔ جبکہ گرمی کی شدت بھی برقرار رہی اور 9 سالہ بچے سمیت مزید 13 افراد دم توڑ گئے جبکہ متعدد بے ہوش ہو گئے۔ تقصیلات کے مطابق بجلی کی قلت کو پورا کرنے کیلئے کئی شہروں میں 12 گھنٹے سے زائد جبکہ دیہات میں 16 گھنٹے تک لوڈ شیڈنگ کی گئی۔ ملک کے سب سے بڑے تجارتی شہر کراچی کے اکثر علاقوں میں اعلانیہ لوڈ شیڈنگ کا سلسلہ ختم کر دیا گیا اب ان علاقوں میں فنی خرابی کے نام پر 14 سے 16 گھنٹے بجلی کی بندش کی جارہی ہے۔ کنڈیاں سے نامہ نگار کے مطابق شدید گرمی کے باعث نواحی علاقہ چھتلی (کڑی خسور) کارہا نشتی تین سالہ بچہ کفایت اللہ دم توڑ گیا۔ سرگودھا سے نامہ نگار کے مطابق گرمی کی شدت برداشت نہ کرتے ہوئے ایک شخص جاں بحق جبکہ 4 بے ہوش ہو گئے۔ جبکہ گرمی کی شدت کے باعث متعدد علاقوں میں ٹرانسفارمر اڑ گئے جس سے کئی علاقوں میں بجلی معطل رہی۔ چنیوٹ سے نامہ نگار کے مطابق چنیوٹ میں جاری بجلی کی غیر اعلانیہ لوڈ شیڈنگ کیخلاف شہریوں نے جھگ روڈ پر احتجاجی مظاہرہ کیا اور ایڈا حکام کیخلاف شدید نعرے بازی۔ سینکڑوں افراد نے جھگ روڈ بلاک کر کے احتجاج کیا۔ اس موقع پر مشتعل افراد نے ٹائروں کو آگ لگا کر روڈ بلاک کر دیا۔ ٹوبہ ٹیک سنگھ سے نامہ نگار کے مطابق پانچ 5 گھنٹے بجلی کی بندش سے لوگ بلہا اٹھے۔ وزیر آباد سے نامہ نگار کے مطابق شدید گرمی اور بدترین لوڈ شیڈنگ کے دوران 35 سالہ سبزمین حمید کو کا دورہ پڑنے سے جاں بحق ہو گیا۔ سیالکوٹ سے نامہ نگار کے مطابق پسرور میں ایڈا گروڈ سٹیشن میں فنی خرابی کے باعث تمام رات بجلی بند رہی، گرمی اور جس سے لوگوں کا برا حال رہا۔ علاوہ ازیں سیکرٹری وزارت پانی و بجلی نرگس سیٹھی کی طرف سے روزانہ کی بنیاد پر تمام تقسیم کار کمپنیوں کے سی ای اوز سمیت ان کی ٹیم کے ساتھ ویڈیو لنک کی مدد سے کانفرنس سے کمپنیوں کی کارکردگی متاثر اور مسائل میں اضافہ ہو گیا ہے۔ کانفرنس روزانہ کی بنیاد پر کی جاتی ہے جبکہ اکثر شام کے وقت بھی میٹنگ کال کر لی جاتی ہے۔ ذرائع کے مطابق سیکرٹری پانی و بجلی نرگس سیٹھی ڈسکوز کی کارکردگی کا جائزہ لینے کے لئے کمپنیوں کے سی ای اوز کے ساتھ روزانہ 10 سے 12 دن کے درمیان ویڈیو لنک کے ذریعے کانفرنس کرتی ہیں۔ اس موقع پر تمام سی ای او اپنے اپنے دفاتر میں اپنے معاون عملہ کے ساتھ موجود رہتے ہیں۔ ویڈیو میٹنگ کے دوران سی ای او اور دیگر افسران کوئی دوسرا کام سرانجام نہیں دے سکتے حتیٰ کہ روزانہ کے کام کے لئے ان کے دفاتر میں آنے والے صارفین بھی ان سے نہیں مل سکتے۔ ذرائع کا کہنا ہے کہ روٹین کام کا مکمل کرنے کے لئے ان افسران کو دفتری اوقات کار کے بعد بھی گھنٹوں بیٹھنا پڑتا ہے۔ نیشنل رپورٹ کے مطابق اسلام آباد کے کئی علاقوں میں لگاتار 12 گھنٹے تک بجلی بند رہی۔ وفاقی دارالحکومت کے علاقوں چک شہزاد، بنی گالہ، شکر پڑیاں، برمانٹون اور دیگر مصفااتی علاقوں میں شام 4 بجے سے صبح 5 بجے تک بجلی غائب رہی۔ لیسکو کے مطابق یہ بریک ڈاؤن فنی خرابی کے باعث پیش آیا ہے جبکہ اس طویل بندش کیخلاف احتجاجی مظاہرہ کیا گیا اور ٹائز جلا کر مری روڈ کو بلاک کر دیا گیا۔ سینکڑوں مظاہرین نے آئیسکو آفس کی طرف مارچ بھی کیا۔

لاہور (خصوصی رپورٹر) وزیر اعلیٰ محمد شہباز شریف نے کہا ہے کہ قائد اعظم سولر پارک میں پنجاب حکومت اپنے وسائل سے ایک ہزار میگا واٹ کا سولر منصوبہ لگائے گی جبکہ 100 میگا واٹ کے سولر منصوبے کو رواں سال کے اختتام تک مکمل کر لیا جائے گا۔ سولر سمیت توانائی کے دیگر منصوبوں کی مقررہ مدت میں تکمیل کے حوالے سے تمام وفاقی و صوبائی متعلقہ ادارے باہمی کوآرڈینیشن سے کام کریں اور منصوبوں کو تیز رفتاری سے آگے بڑھایا جائے تاکہ توانائی بحران میں جلد سے جلد کمی لائی جاسکے۔ توانائی منصوبوں کی مقررہ مدت کے اندر تکمیل میں کسی قسم کی تاخیر کسی صورت برداشت نہیں کی جائے گی۔ وہ گزشتہ روز ایک اعلیٰ سطح کے اجلاس کی صدارت کر رہے تھے۔ وزیر اعلیٰ نے سولر پاور منصوبے کیلئے ٹرانسمیشن لائن بچھانے کے حوالے سے ٹائم لائن پر عمل نہ کرنے پر متعلقہ اداروں کے حکام کی سرزنش کرتے ہوئے سخت برہمی کا اظہار کیا اور متعلقہ حکام کو مخاطب کرتے ہوئے کہا کہ مجھے صرف نتائج چاہئیں، آپ کو توانائی منصوبوں پر عملدرآمد کی اہم اور قومی ذمہ داری سونپی گئی ہے جسے پورا کرنا آپ کا فرض ہے اور اس فرض کی ادائیگی میں کوئی غفلت یا کوتاہی ناقابل برداشت ہے۔ انہوں نے کہا کہ سولر پاور منصوبے پر تیز رفتاری سے کام جاری رکھنے کیلئے تمام متعلقہ ادارے اپنی ذمہ داریوں کا احساس کریں اور اس منصوبے کو روایتی انداز کی بجائے فاسٹ ٹریک پر آگے بڑھایا جائے۔ عوام بجلی کو ترسیں اور متعلقہ حکام ٹھنڈے کمروں میں بیٹھے رہیں، یہ سلسلہ آئندہ نہیں چلے گا۔ عوام کی توقعات پر پورا نہ اترنے اور نتائج نہ دینے

عوام بجلی کو ترسیں اور حکام ٹھنڈے

کمروں میں بیٹھیں، یہ سلسلہ نہیں چلے گا:

شہباز شریف

روزنامہ نوائے وقت

16 جون 2014

والے افسروں کو عہدوں پر رہنے کا کوئی حق نہیں۔ کارکردگی دکھانے والا افسر ہی اپنے عہدے پر رہ سکے گا۔ انہوں نے کہا کہ سولر منصوبے کے حوالے سے بجلی کی ترسیل کے نظام کے ساتھ ٹرانسمیشن لائن کے حوالے سے پہلے سے مقرر کردہ ٹائم لائن پر کوئی سمجھوتہ نہیں ہو گا اور متعلقہ اداروں کو مقررہ مدت کے اندر تمام کام مکمل کرنا ہو گا۔ توانائی منصوبوں کی بروقت تکمیل کے حوالے سے وسائل کی کوئی کمی نہیں۔ حکومت نے پہلے ہی اس سلسلے میں وسائل فراہم کئے ہیں اور آئندہ بھی کرے گی۔ میں عوام کو جو ابدا ہوں، مجھے صرف نتائج چاہئیں۔ عوام کی توقعات پر پورا اترنے کیلئے تمام متعلقہ اداروں کو انتہائی فعال اور متحرک کر دیا کرنا ہو گا۔ اس موقع پر وفاقی سیکرٹری پانی و بجلی نرگس سیٹھی نے کہا کہ وزیر اعلیٰ محمد شہباز شریف کے وژن کے مطابق سولر منصوبے کے حوالے سے بجلی کے ترسیلی نظام، ٹرانسمیشن لائن بچھانے اور دیگر امور کو مقررہ کردہ ٹائم لائن کے اندر مکمل کرنے کیلئے ہر ممکن اقدام اٹھایا جائے گا۔ علاوہ ازیں شہباز شریف سے چائنہ سٹیٹ کنسٹرکشن اینڈ انجینئرنگ کمپنی کے نائب صدر چین کا کوکانے کی سربراہی میں اعلیٰ سطح کے وفد نے گزشتہ روز ملاقات کی۔ شہباز شریف نے چین کے وفد سے گفتگو کرتے ہوئے کہا کہ پاکستان اور چین دوستی کے لازوال رشتوں میں بندھے ہوئے ہیں۔ چین کی حکومت نے 32 ارب ڈالر کے سرمایہ کاری پیکج کا اعلان کر کے پاکستانی عوام کے دل جیت لئے ہیں۔ پنجاب حکومت صوبے میں جدید اور معیاری انفراسٹرکچر کی فراہمی کے لئے جامع پروگرام پر عمل پیرا ہے۔ پاکستان اور چین کے درمیان بڑھتے ہوئے تجارتی تعاون سے دونوں ملکوں کی دوستی مضبوط سے مضبوط تر ہوئی ہے۔

اسلام آباد (فما سہدہ جنگ) سینٹ کی قائمہ کمیٹی برائے خزانہ نے پاک چین اقتصادی راہداری کے روٹ کی تبدیلی کی منظوری مشترکہ مفادات کونسل (سی سی آئی) سے لینے اور لوڈ شیڈنگ کے مکمل خاتمے تک بجلی کی قیمتوں میں مزید اضافہ نہ کرنے کی سفارش کر دی ہے۔ وفاقی وزیر منصوبہ بندی، ترقی و اصلاحات احسن اقبال نے کہا کہ پاک چین اقتصادی راہداری کے اقتصادی فوائد صرف چین نہیں بلکہ پاکستان کو بھی حاصل ہوں گے۔ پاکستان کے لئے بہترین موقع ہے کہ وہ چین کے ساتھ مل کر ملک میں ترقی و خوشحالی لاسکے۔ منصوبہ بندی کمیشن اپنی ویب سائٹ پر کرپشن آن لائن کے نام سے ایک فولڈر شروع کر رہا ہے جس میں ملک بھر سے کوئی بھی شہری کسی بھی وقت کرپشن کی اطلاع دے سکے گا۔ قائمہ کمیٹی کا اجلاس سینیٹر نسرین جلیل کی زیر صدارت بدھ کو یہاں پارلیمنٹ ہاؤس میں ہوا۔ کمیٹی کو وفاقی وزیر احسن اقبال نے بتایا کہ چین کی حکومت چاہتی ہے کہ ان منصوبوں پر جلد سے جلد عمل درآمد کرایا جائے جن پر حکومت پاکستان کو کم سے کم قرضہ حاصل کرنا پڑے۔ اقتصادی راہداری کا پہلا فیڑاگلے چار سال میں مکمل ہو جائے گا اور اس فیڑا کا زیادہ تر کام نی اوٹی کے تحت ہو گا اور یہ منصوبہ 25 سال میں مکمل ہو جائیگا۔ انہوں نے کہا کہ پاک چین اقتصادی راہداری کا منصوبہ مجموعی طور پر 35 ارب ڈالر کا ہے تاہم اس کے فوائد ایک سو ارب ڈالر سے زیادہ کے ہیں۔ سینیٹر طلحہ محمود نے کہا کہ پاک چین اقتصادی راہداری چین کی کمزوری ہے اس سے ہمیں چین کی طرح یکساں معاشی فوائد لینے چاہئیں۔ قائمہ کمیٹی نے کراچی کے لئے پینے کے پانی کے منصوبے کے لئے اضافی فنڈز کی فراہمی اور مالی سال 2014-15 میں مکمل کرنے کی سفارش کی اور K-4 کے بڑھتے ہوئے مسئلے کو حل کرنے کے لئے اسکیم بلوچستان میں گریٹر واٹر سپلائی کو کنڈ کے لئے فنڈز کی سفارش بھی کی۔ قائمہ کمیٹی نے متفقہ طور پر منڈاؤم، کرم تنگلی ڈیم اور دارسک ڈیم کو ترجیحی بنیادوں پر مکمل کرنے کی سفارش کی اور کہا کہ اگر فنڈز کا مسئلہ ہو تو حکومت ان ڈیمز کو مکمل کرنے کے لئے اضافی فنڈز بھی ترجیحی بنیادوں پر فراہم کرے۔ سینیٹر حاجی محمد عدیل نے کہا کہ چھوٹے اور نئے ڈیم بنانے کے بجائے حکومت ان تین بڑے ڈیموں کو ترجیحی بنیادوں پر مکمل کرے تو ملک میں بجلی اور پانی کی کمی کے مسائل کو حل کیا جاسکتا ہے۔

لاہور (خصوصی نامہ نگار) اپوزیشن لیڈر میاں محمود الرشید کی قیادت میں تحریک انصاف کے اراکین اسمبلی اور کارکنان نے بجلی کی لوڈ شیڈنگ اور دیگر حکومتی پالیسیوں کے خلاف پنجاب اسمبلی کے سامنے 15 روزہ احتجاجی کیمپ کا آغاز کر دیا جبکہ اپوزیشن لیڈر نے وزیر اعلیٰ پنجاب میاں شہباز شریف کو بھی شرکت کی دعوت دیدی۔ گزشتہ روز پنجاب اسمبلی کے سامنے تحریک انصاف کے احتجاجی کیمپ میں اراکین پنجاب اسمبلی سعید سہیل، ڈاکٹر نوشین حامد، ڈاکٹر مراد اس، علی دریشک، راجہ راشد حفیظ اور محمد آصف، اپوزیشن لیڈر کے میڈیا ایڈووکیٹ رانا اختر حسین، تحریک انصاف شعبہ خواتین نور فاطمہ قادر، شعبہ خواتین لاہور کی صدر نسیم، شہزادی اورنگ زیب اور دیگر سمیت تحریک انصاف کے کارکنان اور عوام کی کثیر تعداد نے شرکت کی جبکہ اس موقع پر شرکاء نے ہاتھوں میں لوڈ شیڈنگ، مہنگائی، بے روزگاری، کرپشن، لاء اینڈ آرڈر سمیت دیگر مسائل پر مبنی بینرز اور پلے کارڈ بھی پکڑ رکھے تھے۔ میڈیا سے گفتگو اور شرکاء سے خطاب کرتے ہوئے اپوزیشن لیڈر میاں محمود الرشید نے کہا کہ شہباز شریف پیپلز پارٹی کے دور حکومت میں مینار پاکستان پر بجلی کی لوڈ شیڈنگ کیخلاف احتجاجی کیمپ لگاتے رہے مگر وہ آج خاموش ہیں اور ہم انکو دعوت دیتے ہیں کہ وہ آئیں اور لوڈ شیڈنگ اور غیر اعلانیہ لوڈ شیڈنگ کیخلاف لگائے جانے والے اس احتجاجی کیمپ میں شریک ہوں۔ انہوں نے کہا کہ موجودہ حکمران مکمل طور پر ناکام ہو چکے ہیں اور آج بھی پنجاب بجلی چوری اور بلوں کی عدم ادائیگی کے حوالے سے پورے پاکستان میں سرفہرست ہے۔ انہوں نے کہا کہ بدترین اور غیر اعلانیہ لوڈ شیڈنگ کی وجہ سے پنجاب میں بھی دن بدن بے روزگاری میں اضافہ ہو جا رہا ہے، فیکٹریاں بند ہو رہی ہیں اور لوگ بے روزگاری سے تنگ آکر خود کشیاں کرنے پر مجبور ہیں۔ انہوں نے کہا کہ ہم مطالبہ کرتے ہیں کہ حکومت فوری طور پر بجلی کی غیر اعلانیہ لوڈ شیڈنگ مکمل ختم جبکہ اعلانیہ لوڈ شیڈنگ کو انتہائی کم کیا جائے، اگر حکومت مارکیٹوں اور دکانوں کو رات 8 بجے بند کر دالے تو اس سے ڈیڑھ ہزار میگا واٹ بجلی بچائی جاسکتی ہے۔ انہوں نے کہا کہ ہر گزرتے دن کے ساتھ ملک میں بجلی کی لوڈ شیڈنگ، مہنگائی، بے روزگاری اور دیگر مسائل میں دن بدن اضافہ ہو جا رہا ہے۔ انہوں نے کہا یہ کیمپ روزانہ 11 بجے سے 2 بجے تک پنجاب اسمبلی کے سامنے لگایا جائیگا۔

اسلام آباد (فما سہدہ جنگ) وفاقی وزیر خزانہ اسحاق ڈار نے کہا ہے کہ پاکستان میں لوڈ شیڈنگ کے خاتمہ اور صنعتی ترقی کے لئے سستی بجلی کی فراہمی ہماری حکومت کی ترجیح ہے پاکستان مسلم لیگ ن کی حکومت نہ صرف واسو ڈیم تعمیر کرے گی بلکہ دیامر بھاشا ڈیم بھی تعمیر کرے گی جس سے 9 ہزار میگا واٹ بجلی ملے گی۔ بدھ کو

لوڈ شیڈنگ کے مکمل خاتمے تک بجلی کی قیمتیں نہ بڑھائی جائیں، سینیٹ کمیٹی کی سفارش

روزنامہ جنگ

12 جون 2014

لوڈ شیڈنگ کیخلاف تحریک انصاف کا احتجاجی کیمپ، شہباز شریف کو شرکت کی دعوت

روزنامہ نوائے وقت

12 جون 2014

واسو اور بھاشا ڈیم دونوں ڈیم بنائیں گے، بھارت سے اجازت لینے کی ضرورت نہیں،

وزیراعظم محمد نواز شریف کی موجودگی میں قومی اسمبلی میں بجٹ پر بحث میں حصہ لینے ہوئے وفاقی وزیر خزانہ نے کہا کہ ورلڈ بینک نے داسوڈیم کی تعمیر کی منظوری دیدی ہے۔ داسوڈیم پر 700 ارب خرچ ہونگے۔ پہلے مرحلے میں 400 ارب روپے خرچ ہونگے۔ اسحاق ڈار نے کہا کہ پہلے کہا جاتا تھا کہ داسوڈیم کی تعمیر کے لئے بھارت سے این او سی لینا ہو گا مگر اب پاکستان کو کسی ایسی پابندی کا سامنا نہیں۔ وفاقی وزیر خزانہ نے کہا کہ موجودہ بجٹ میں داسوڈیم کے لئے 155 ارب رکھے گئے ہیں جو زمین کی خریداری کے لئے جاری کر دیئے گئے ہیں۔ انہوں نے کہا کہ کل تک داسوڈیم کی تعمیر کے لئے کوئی امداد دینے کو تیار نہیں تھا مگر وزیراعظم نواز شریف کی ویژن اور فیوچر پلاننگ کو دیکھتے ہوئے ورلڈ بینک نے 100 ووٹوں سے اس کی منظوری دیدی ہے۔ امریکا نے بھی پاکستان کے حق میں ووٹ دیا۔ وفاقی وزیر خزانہ نے کہا کہ داسوڈیم کی تعمیر کے لئے فنڈز کی فراہمی پر سب کو خوش ہونا چاہئے۔ داسوڈیم نواز شریف کا ڈیم نہیں پوری قوم کی ملکیت ہے۔ پنجاب کے خلاف تعصب کی باتیں کرنے والوں کو بھی ذہن نشین رکھنا چاہئے کہ داسوڈیم میں نہیں نواز شریف صرف منصوبوں کا اعلان کر کے تختیاں نہیں لگاتے پہلے میگا منصوبوں کے لئے فنڈز کا انتظام کرتے ہیں اور بعد میں سنگ بنیاد کی جتنی لگاتے ہیں۔

اسلام آباد (فما سندھ جنگ) عالمی بینک نے پاکستان کے لئے 70 کروڑ ڈالر قرضے کی منظوری دیدی ہے جس میں داسوڈیم کے لئے 60 کروڑ ڈالر جبکہ سندھ میں آبپاشی کے منصوبے کے لئے 10 کروڑ ڈالر فراہم کیے جائیں گے۔ وزیر خزانہ اسحاق ڈار کا کہنا ہے کہ عالمی بینک سے حاصل ہونے والے قرضے کی واپسی 25 سال میں ہوگی۔ انہوں نے کہا کہ توانائی بحران کے حل کے لئے قوم سے کیے وعدے پورے کریں گے۔ وزارت خزانہ کی جانب سے منگل کو یہاں جاری کردہ اعلامیہ کے مطابق عالمی بینک کے بورڈ آف ڈائریکٹرز نے واشنگٹن میں ہونے والے اجلاس میں پاکستان کو دو منصوبوں کے لئے 70 کروڑ ڈالر امداد کی منظوری دی ہے جس میں 4500 میگا واٹ کے داسوڈیم کے لئے 60 کروڑ ڈالر جبکہ سندھ وائر ایجیکشن پر انجیکشن کے لئے 10 کروڑ ڈالر قرضے کی منظوری دی گئی ہے۔ اس موقع پر وفاقی وزیر خزانہ اسحاق ڈار نے کہا کہ عالمی بینک سے حاصل ہونے والے بلاسور عاقبتی قرضوں کی واپسی کی مدت 25 سال ہے اور انتظامی چارجز صرف 2 فیصد سالانہ ہیں۔ انہوں نے کہا کہ 70 کروڑ ڈالر کی رقم وصول ہونے کے بعد اسکے برابر مقامی قرضہ ادا کر دیا جائیگا جس سے قرضوں کی ادائیگی میں دس اعشاریہ پانچ فیصد کی بچت ہوگی۔ وزیر خزانہ نے کہا کہ توانائی بحران کے حل کے لئے قوم سے کیے وعدے پورے کریں گے۔

اسلام آباد (شامیوز) حکومت نے بجلی کی قیمت میں 3 روپے پونٹ تک جبکہ گیس کی قیمتوں میں 100 روپے فی ایم پی ٹی یو تک اضافہ کرنا فیصلہ کیا ہے۔ نجی ٹی وی ذرائع کے مطابق وفاقی حکومت نے آئی ایم ایف اور عالمی بینک کی شرائط کے تحت وفاقی بجٹ میں بجلی پر سبسڈی کیلئے مختص کردہ رقم میں کمی کی کر دی ہے۔ ذرائع کا کہنا ہے کہ نیپرا کی طرف سے بجلی کی تقسیم کار کمپنیوں کی طرف سے رواں مالی سال 2013-14 کیلئے بجلی کی قیمتوں میں مانگے جانے والے اضافے کی بھی نہ صرف منظوری دی جا چکی ہے بلکہ اطلاق کیلئے نوٹیفکیشن جاری کرنے کے حوالے سے وزارت پانی و بجلی کو تمام ڈیکوز کے کیس بھجوائے جا چکے ہیں اور اگر حکومت صرف رواں مالی سال کیلئے ہی نیپرا کا منظور کردہ ٹیرف لاگو کرنے کا نوٹیفکیشن جاری کرتی ہے تو اس صورت میں ہی بجلی کی قیمتوں میں تین روپے فی پونٹ تک اضافہ ہو جائیگا۔ دوسری جانب گیس کمپنیوں کی طرف سے گیس کی قیمتوں میں مانگے جانے والے اضافے کی درخواستوں کی سماعت بھی مکمل ہو چکی ہے اور اگر گرانے اب صرف فیصلہ دینا ہے۔ ذرائع کا کہنا ہے کہ اگرچہ بجلی کی قیمتوں میں اضافہ کے حوالے سے بھی لائف لائن ٹیرف استعمال کرنے والے اور بجلی کے چھوٹے صارفین پر زیادہ بوجھ نہیں ڈالا جائیگا اسی طرح گیس کی قیمتوں میں متوقع اضافہ کا بھی گھریلو صارفین پر زیادہ بوجھ نہیں ڈالا جائیگا۔ ذرائع کا کہنا ہے کہ گیس کمپنیوں کی طرف سے رواں مالی سال 2013-14 کیلئے مانگے جانے والا ٹیرف بھی ابھی لاگو نہیں ہوا ہے۔ ذرائع نے بتایا کہ وزیراعظم میاں محمد نواز شریف نے عوامی رد عمل کے باعث رواں مالی سال کیلئے گیس کمپنیوں کے ٹیرف میں یہ اضافہ روک رکھا ہے۔ اب آئندہ مالی سال 2014-15 کیلئے بھی گیس کمپنیوں کے ٹیرف میں اضافہ مانگا ہے جس پر اگر اپنی سماعت مکمل کر چکا ہے اگلے مالی سال کیلئے بھی گیس کمپنیوں نے 123 روپے فی ایم پی ٹی یو تک اضافہ مانگ رکھا ہے اور اگر حکومت دونوں برسوں کے ٹیرف کا اطلاق کرنے کی منظوری دیتی ہے تو یہ اضافہ دو سو روپے فی ایم پی ٹی یو تک پہنچنے کی توقع ہے۔

جہلم (آئی این پی) پاکستان میں پٹرول کا ایک بڑا ذخیرہ دریافت ہوا ہے، جس سے ایک نئے علاقے میں ہائیڈروکاربن کے ذخائر کی تلاش کے لیے راستہ کھل گیا ہے، غوری نامی کنوئیں میں تیل کا ذخیرہ اندازہ دو کروڑ بیس لاکھ بیرلز لگایا گیا ہے۔ 38000 میٹر گہرائی میں تاریخی کامیابی اور سطح مرتفع پوٹھوہار میں ہائیڈروکاربن کے ذخیرے کی پہلی دریافت ہے۔ پٹرولیم کمپنی کے مطابق کنوئیں کی دریافت سے امید ہے کہ یہاں نزدیک مزید تیل و گیس کے ذخائر موجود ہیں، تیل کی اسے پی آئی گریوٹی 22 ڈگری ہے اور وادی سکسیر میں اس کے بہاؤ کی شرح پانچ ہزار پانچ سو بیرل روزانہ ہے۔ میڈیا رپورٹس کے مطابق غوری نامی کنوئیں کے حوالے سے لگائے گئے ایک پیدوار کی تخمینے کے مطابق یہاں سے پانچ ہزار پانچ سو بیرل تیل روزانہ حاصل ہو سکے گا، اس حساب سے توقع کی جارہی ہے کہ یہ ملک بھر میں تیل کی پیدوار کا سب سے بڑا کنواں ثابت ہو گا۔ امکان ہے کہ یہاں سے تیل کی پیدوار اس مہینے کے آخر تک شروع ہو جائے گی۔ مری پٹرولیم کمپنی لمیٹڈ (ایم پی سی ایل) جو وزارت پٹرولیم کے ساتھ ایک معاہدے کے تحت غوری جو انٹو وینچر پر کام کر رہی ہے نے باضابطہ طور پر اعلان کیا کہ اس نے غوری کے تیل کے کنوئیں سے پٹرول کا ایک اہم ذخیرہ دریافت کیا ہے۔

کراچی (سٹاف رپورٹر) سٹیمپل جنین نے ایک کامیاب کارروائی میں کروڑوں روپے مالیت کا اسمگل شدہ ایرانی تیل و ڈیزل ضبط کر لیا ہے ڈائریکٹر سٹیمپل جنین کوئٹہ اقبال بھوانہ اور ڈپٹی ڈائریکٹر انعام وزیر نے کراچی میں پریس کانفرنس سے خطاب کرتے ہوئے کہا کہ چھجور کے قریب کچے کے علاقے میں فرنٹیئر کور اور سٹم حکام نے مشترکہ کارروائی کے دوران 17 آئل ٹینکرز کو قبضے میں لیکر ان میں لوڈ 5 لاکھ لیٹر سے زائد پٹرول اور ڈیزل قبضے میں لے لیا، پاکستان میں ایرانی اسمگل شدہ تیل کی ضبط کی جانے والی سب سے بڑی مقدار ہے اقبال بھوانہ کے مطابق ایران سے اسمگلنگ کے خلاف بھرپور کارروائی کی جارہی ہے 17 آئل ٹینکر

اسحق ڈار

روزنامہ جنگ

12 جون 2014

داسوڈیم اور سندھ آبپاشی منصوبہ کیلئے عالمی بینک کا 70 کروڑ ڈالر کا قرضہ منظور

روزنامہ جنگ

11 جون 2014

عالمی مالیاتی اداروں کی شرائط حکومت نے بجلی، گیس مہنگی کرنا فیصلہ کر لیا

روزنامہ نوائے وقت

10 جون 2014

جہلم پٹرول کا ایک بڑا ذخیرہ دریافت

روزنامہ نوائے وقت

08 جون 2014

کروڑوں روپے مالیت کا اسمگل شدہ ایرانی تیل و ڈیزل ضبط

روزنامہ جنگ

03 جون 2014

لوڈ شیڈنگ کیخلاف مختلف شہروں میں

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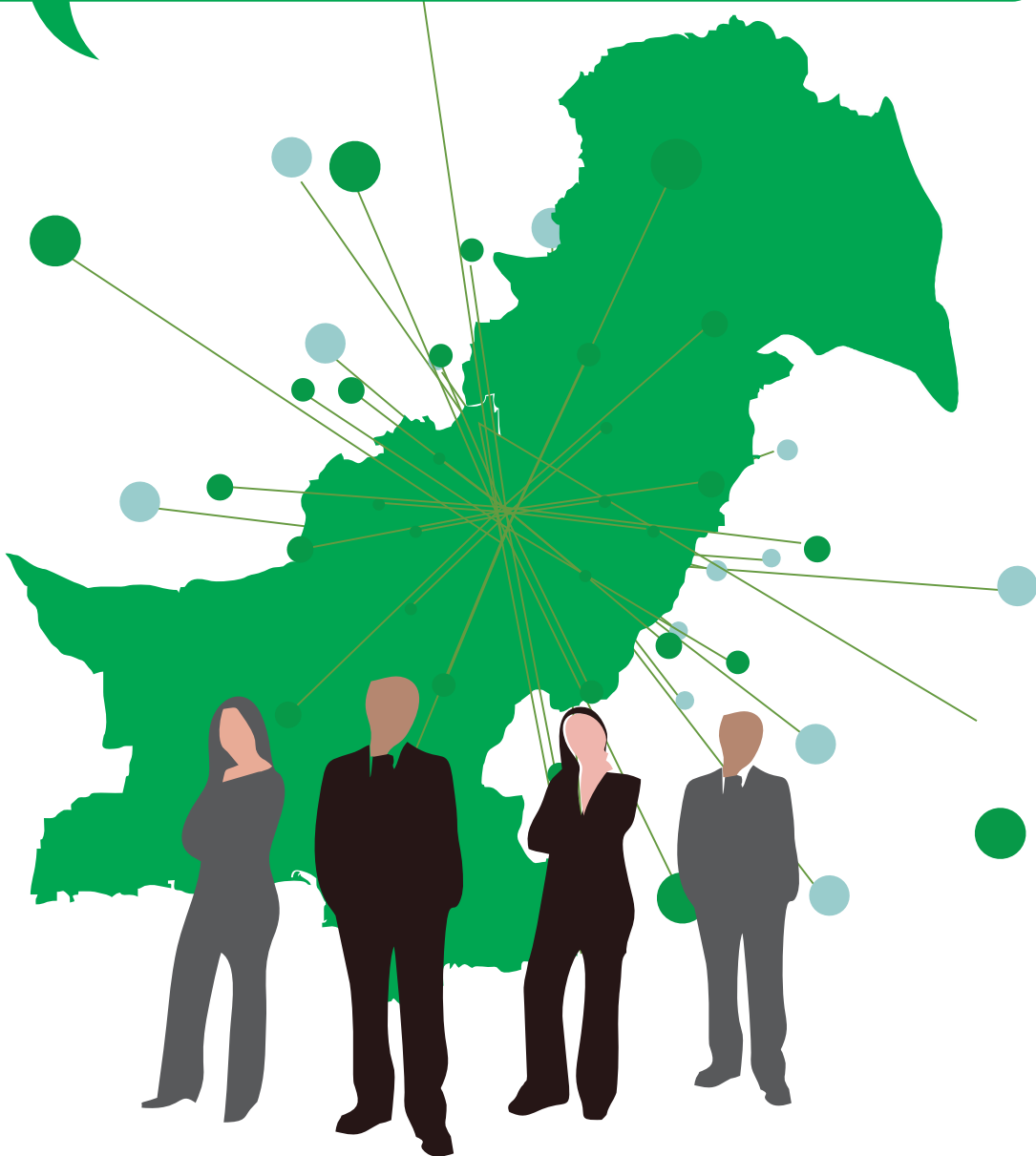
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02 جون 2014

پکڑنے کے آپریشن میں اسمگلرز نے بھرپور مزاحمت کی تاہم فرنٹیئر کور کی جوابی کارروائی اور فائرنگ سے وہ بھاگنے پر مجبور ہوئے۔

اسلام آباد (شہانوز) ملک میں بجلی کی پیداوار 12 ہزار 500 اور طلب 15 ہزار 500 میگاواٹ ہے اس طرح بجلی کی طلب اور پیداوار میں فرق بڑھ کر 3 ہزار میگاواٹ تک پہنچ گیا ہے، جس کی وجہ سے عوام ہفتہ وار چھٹی کے روز بھی طویل اور غیر اعلانیہ لوڈ شیڈنگ کا عذاب سہنے پر مجبور ہیں۔ نیشنل ٹرانسمیشن اینڈ ڈسٹری بیویشن کمپنی کے مطابق اس وقت سسٹم میں شامل بجلی میں سے آئی پی پیز کا حصہ 6 ہزار 420 میگاواٹ ہے اس کے علاوہ ہائیڈرو پاور سے 4 ہزار 220 میگاواٹ اور وینڈر جی سے 60 میگاواٹ بجلی مل رہی ہے۔ وسطی پنجاب کے شہری علاقوں میں لوڈ شیڈنگ کا دورانیہ 10 بجہ دہی علاقوں میں 14 گھنٹے تک محیط ہے، جنوبی پنجاب، بلوچستان، سندھ اور خیبر پختونخوا میں بجلی کی غیر اعلانیہ بندش کا دورانیہ 14 سے 18 گھنٹے پر مشتمل ہے۔ عوام نے کہا ہے کہ بجلی اور پانی نہ ہونے کی وجہ سے انہیں معمولات زندگی نبھانے میں سخت مشکلات کا سامنا ہے اور ان کی چھٹی کا دن بھی لوڈ شیڈنگ کی نذر ہو گیا ہے۔

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Balochistan Gas Co. (Pvt.) Limited. LPG MARKETING COMPANIES Private Company Mohammad Sarwar Khan Chief Exclusive 0092-51-4862386-7 0092-51 - 4862388 Anique Arcade, First Floor, Office # 14 & 16, I/8 Markaz Islamabad.	Balochistan Minerals & Oils Pvt.) Limited. LPG MARKETING COMPANIES Private Company Sardar Muhammad Anwar Khan Jaffar Chief Exclusive 0092-81-2892233, 2447460,081-2832779 0092-81 -2828178 BMO International, Jaffar House, Spiny Road, Quetta.
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Cap Gas (Pvt.) Limited LPG MARKETING COMPANIES Private Company Badar-e-Alam Chief Exclusive 0092-51-5487586, 5487589-97 0092-51 -5487599, 5450564 POL House, Morgah, Rawalpindi	Chevron Pakistan Limited formerly Caltex Oil (Pakistan) Ltd LPG MARKETING COMPANIES Private Company Nadeem N. Jafarey Chief Exclusive nasghar@chevron.com 0092- 021 - 111-666-111 - 021-5681371 051-2277580 0092-21 -5685014,021-5218412 State Life Building 11 Abdullah Haroon Road Karachi 74400. www.caltex.com/pk
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<p>Inter State Gas Systems (Private) Limited Gas Private Company ail@isgs.pk/ 0092-51-9267672-74 0092-51-9267671 517, Main Margalla Road, F-10/2, Islamabad www.isgs.pk</p>	<p>IPR Trend Oil Corporation Oil & Gas Private Company Wasim A. Zuberi (General Manager) iprgoc@isb.comsats.net.pk, ipr@isb.paknet.com.pk 0092-51)2871501-3 0092-51)2871504 52-East, Dodhy Building, 3rd Floor, Jinnah Avenue, Blue Area, Islamabad</p>
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<p>Links International (Pvt.) Limited LPG MARKETING COMPANIES Private Company Ijaz Muhammad Khan Chief Executive 042- 5321461-5 042- 5321324-5 1-Km Bhoptian Chowk, Defence Road, Off Raiwind Road Lahore.</p>	<p>LMK Resources Oil & Gas Private Company Atif Rais Khan (President & CEO) office@lmkr.com, 0092-51)111-101-101 0092-51)2879854, 2879855 300, Software Technology Park 1, Evacuee Trust Center Sir Agha Khan Road, F-5/1, Islamabad - 44000</p>
<p>Lub Gas (Pvt.) Limited. LPG MARKETING COMPANIES Private Company Iqbal Z. Ahmed Chief Executive 0092-42-6306106&08, 6368844, 051-2652727 & 2652728</p>	<p>Madni Gas (Pvt.) Limited. LPG MARKETING COMPANIES Private Company Mian Muhammad Mukhtar Chief Executive 0092-42-5850027 0333-4708408</p>

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Pakistan Oilfields Limited	Pakistan Oilfields Limited

LPG MARKETING COMPANIES Private Company Sajid Nawaz Chief Exclusive chief Exclusive polcms@pakoil.com.pk 0092-51-5487589-96 0092-51 -5487599 POL House, Morgah, Rawalpindi. www.pakoil.com.pk	Oil & Gas Private Company Shuaib A Malik (Chairman) polcms@isb.paknet.com.pk 0092-51)5487589-97 /92(51)5487562 0092-51)5487598-99 POL House, Morgah, Rawalpindi
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Pakistan's First Fully Integrated LPG Company Petroleum Gas Govt progas@progas.cc 0092-21) 472 0077, 472 0079 0092-21) 472 0075 Progas Pakistan Limited NWZ//P-305(A4 LPG Area) North Western Industrial Zone Bin Qasim Karachi. www.petrosin.com	PARCO Pearl Gas (Private) Limited (formerly SHV Energy Pakistan) LPG MARKETING COMPANIES Private Company Patrick J. Gregory Chief Exclusive supergas@parco.com.pk 111-798-798 0092-51 -2275576 98-A, F/6-2, Margallah Road, Islamabad. Rawalpindi. www.parco.com.pk/ppg
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Petronas Carigali (Pakistan) Ltd., (PCPL) Oil & Gas Private Company Mohd Ariffin Daud (General Manager) mariffin_daud@petronas.com.pk /akhan@lmkr.com 0092-51)111-538-111/92(51)2097120 0092-51)2277997 508, Evacuee Trust Center, Agha Khan Road, F-5/1, Islamabad	Petrosin Gas Pakistan (Pvt.) Limited LPG MARKETING COMPANIES Private Company Sohail Latif Chief Exclusive mail@petrosin.com 0092-51-2829027 0092-51 -2825524 82 (115), Attaturk Avenue (Embassy Road), G -6/3, Islamabad. www.petrosin.com/pgp.asp
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