



JUST ENERGY TRANSITION FROM FOSSIL FUELS TO RENEWABLES

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RENEWABLE ENERGY



Govt Decides to Tighten Solar Net Metering Rules

The government has decided to tighten regulations for solar net metering users in a second attempt, after the first one faced a strong backlash and was blocked. According to the proposed plan, the concept of net metering has been abolished and a new concept of net billing with a revised buyback rate is being introduced.

Read more here: <https://tribune.com.pk/story/2549564/govt-decides-to-tighten-solar-net-metering-rules>

Pakistan Overtakes G20 Nations in Solar Imports from China

China exported more solar panels to Pakistan than too many G20 nations, with over 16 gigawatts (GW) imported in 2024 alone, a research report stated. More than 39GW of solar panels, nearly all from China, entered Pakistan in the last five years.

Read more here: <https://www.brecorder.com/news/40366288>

715 Billion Approved for Energy Sector in FY-2026

The National Assembly has approved a massive Rs. 715.45 billion budget for Pakistan's energy sector for the fiscal year ending June 30, 2026, with a strong focus on reducing power costs and tackling circular debt. The largest share of this allocation, Rs. 636.9 billion, has been granted to the Power Division to cover operational costs, including Rs. 72.1 billion reserved for paying external energy-related loans.

Read more here: <https://dailytimes.com.pk/1322837/national-assembly-approves-rs715-billion-boost-for-energy-sector-in-fy2026/>

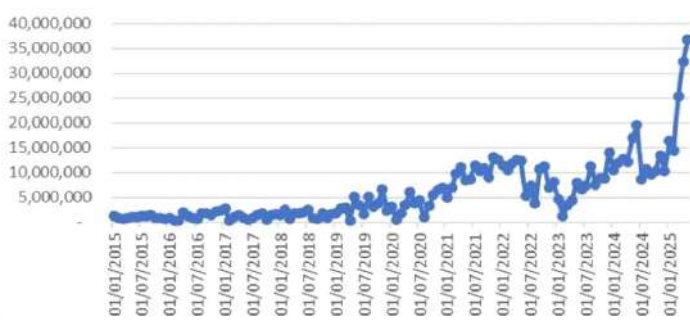
Battery Storage is the Future of Pakistan's Grid

Solar with BESS has a payback period of 3-5 years in Pakistan's residential sector despite a 48% cost increase from surcharges and duties on lithium-ion batteries. Consumers are combining solar with Battery Energy Storage Systems (BESS) to reduce grid dependence, lower energy bills, and improve reliability. This trend is expected to continue as battery economics improve.

Read more here: <https://ieefa.org/resources/battery-storage-and-future-pakistans-electricity-grid>

China battery exports to Pakistan, \$US

Source: China custom data via GACC, graph by Dave@Ember
Note all lithium batteries (i.e. for storage + EV's + electronics)



155 Railway Stations in Pakistan go Solar

As part of the government's renewable push, a total of 155 railway stations across Pakistan are being shifted to solar energy - a move that is expected to save the national exchequer millions of rupees.

Read more here: <https://www.brecorder.com/news/40366223>



Chinese Firm Seeks Revival of Kohala Hydropower Project

The Chinese sponsors of the \$2.5bn Kohala Hydropower Project (KHPP) have raised a series of demands regarding the 1,124MW project planned to be built on River Jhelum in Azad Kashmir.

Read more here: <https://www.dawn.com/news/1837028>

Parliamentarians Rejected Tax on Solar Panel

Parliamentary committees rejected the proposed 18 per cent sales tax on imported solar panels and recommended lowering tax rates on smaller cars to ease the burden on low-income groups.

Read more here: <https://www.dawn.com/news/1917736/budget-2025-26-lawmakers-reject-solar-panel-tax-seek-relief-for-small-cars>

Baluchistan Agricultural Solarization Bill Approved

Despite opposition's resistance, the bill passed by a majority vote, which aims to switch the agricultural tube wells to solar power and impose strict penalties to curb electricity theft.

Read more here: <https://www.dawn.com/news/1915310/agricultural-solarisation-bill-sails-through-balochistan-assembly>

Punjab to Fund Tariff Relief with Government Owned Power Plants' Profit

A day after its decision to reduce power tariffs to provide relief in electricity bills, the Punjab government said the relief will be financed with billions in profits previously harvested by two government-owned power companies, the Quaid-e-Azam Thermal Power Private Limited and Punjab Thermal Power Private Limited.

Read more here: <https://www.dawn.com/news/1915500>

Around The World

Largest Floating Solar Farm in Europe Begins Operations

Floating solar panels offer unique benefits, such as better performance and potentially expanded lifespan from the cooler water as well as limiting bank erosion and water evaporation during wind or drought, according to Energy Sage. While floating solar farms can be installed on natural bodies of water, the installation on a former industrial site also means no disruption to aquatic life.

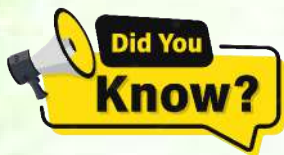
Read more here: <https://www.ecowatch.com/largest-floating-solar-farm-europe.html>



Global Energy Investment Set to Hit Record \$3.3 Trillion in 2025

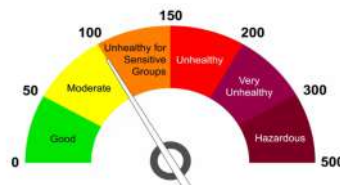
Investment in clean technologies – renewables, nuclear, grids, storage, low-emissions fuels, efficiency and electrification – is on course to hit a record \$2.2 trillion this year, reflecting not only efforts to reduce emissions but also the growing influence of industrial policy, energy security concerns and the cost competitiveness of electricity-based solutions, according to the 2025 edition of the IEA's annual World Energy Investment report. Investment in oil, natural gas and coal is set to reach \$1.1 trillion.

Read more here: <https://www.iea.org/news/global-energy-investment-set-to-rise-to-3-3-trillion-in-2025-amid-economic-uncertainty-and-energy-security-concerns>



- Pakistan contributes less than 1% to global greenhouse gas emissions, yet it ranks among the top 10 countries most vulnerable to climate change.
- Pakistan's GDP could be reduced by 18-20% by 2050 due to climate change impacts
- By 2030, an additional 1.5 million people may be at risk of river floods annually

AIR QUALITY WATCH The Air We Breathe! (For the month of June)



CITIES	Best Air Quality	Worst Air Quality	Average Air Quality
ISLAMABAD	58 3-June	155 24-June	98
LAHORE	72 3-June	158 27,28-June	122
KARACHI	74 29-June	152 2-June	95
QUETTA	73 9,10,16-June	162 20-June	92
PESHAWAR	71 13-June	152 2-June	113

Top 5 polluted cities in the world in 2024

- Delhi, India – An average PM2.5 concentration – 108.3 $\mu\text{g}/\text{m}^3$
- Lahore, Pakistan – An average PM2.5 concentration – 102.1 $\mu\text{g}/\text{m}^3$
- Dhaka, Bangladesh – An average annual PM2.5 concentration – 78 $\mu\text{g}/\text{m}^3$
- Kinshasa, Congo – An average annual PM2.5 concentration – 58.2 $\mu\text{g}/\text{m}^3$
- Karachi, Pakistan – An average annual PM2.5 concentration – 47.1 $\mu\text{g}/\text{m}^3$



CLIMATE CHANGE



Pakistan Signs Charter of Global Water Organization

The Global Water Organization (GWO) has officially launched its operations from its headquarters in Riyadh, with founding member states, including Pakistan, signing its charter.

Read more here: <https://www.dawn.com/news/1914752>

Emissions Certification of Four-Wheel Vehicles in Lahore Misses the Mark

Lahore, which battles severe smog each fall season, is once again initiating measures to curb environmental pollution by conducting emissions testing and certification of four-wheel vehicles. Critics, however, have argued that the project overlooks the role of key polluters in instigating air pollution.

Read more here: <https://tribune.com.pk/story/2548953/emissions-certification-misses-the-mark>

Punjab's Cash for Bottles Recycling Drive: Earn Rs. 1,000 Per Day

The government has signed an agreement with a private company to recycle single-use plastic which will install locally manufactured machines with the help of Chinese technology in four major universities in Lahore next month. Such machines will further also be installed in the city's markets as well.

Read more here: <https://www.thenews.com.pk/latest/1325570-punjab-to-pay-citizens-for-returning-plastic-bottles>

Tarbela Dam Catch-22

Inflows in rivers are higher than last year, yet provinces demand for water isn't being met. Officials blame a 'newly-constructed but untested' tunnel that still cannot be used to release water from reservoir.

Read more here: <https://www.dawn.com/news/1921134/abundant-water-that-cant-be-released-tarbela-catch-22>

Climate Change Fund Established in Baluchistan

The Baluchistan Climate Change Fund aims to mitigate the impacts of climate change and support sustainable development across the province.

Read more here: <https://www.dawn.com/news/1916647/climate-change-fund-established-in-balochistan>

Around The World

Global Temperatures Likely to Break Records

There is an "80% chance that at least one of the next five years will exceed 2024 as the warmest on record", a new report by the World Meteorological Organization (WMO) has shown. It forecasts that the annually averaged global mean near-surface temperature for each year between 2025 and 2029 is predicted to be between 1.2°C and 1.9°C higher than the average over the years 1850-1900.

Read more here: <https://www.weforum.org/stories/2025/06/glacial-melting-nature-climate-news/>

EU Proposes Ban on Russian Gas Imports by 2027

The European Commission proposed a legally binding ban on EU imports of Russian gas and liquefied natural gas (LNG) by the end of 2027, using legal measures to ensure the plan cannot be blocked by EU members Hungary and Slovakia.

Read more here: <https://www.reuters.com/sustainability/boards-policy-regulation/eu-readies-ban-russian-gas-imports-by-end-2027-2025-06-17/>

Asia is Warming at Nearly Twice the Global Average Rate

The continent is warming at nearly twice the global average rate, intensifying extreme weather events that are "exacting an unacceptably high toll" in the region, according to the World Meteorological Organization.

Read more here: <https://earth.org/asias-economies-ecosystems-societies-hit-hard-by-climate-change-in-2024-wmo-says/>

Climate Change Could Cut Crop Yields up to a Quarter

Climate change is on track to reduce by 11 percent in 2100 the yields that today provide two-thirds of humanity's calories from crops, even taking into account adaptation to a warming world, scientists.

Read more here: <https://tribune.com.pk/story/2551589/climate-change-could-cut-crop-yields-up-to-a-quarter>

SIMPLIFIED EXPLAINER

Climate finance refers to money provided by richer countries to help developing countries like Pakistan deal with climate change. This includes funding for clean energy projects, better infrastructure and protection against floods, heatwaves and other climate impacts. The idea is that countries most responsible for global emissions should help those most affected by them. However, much of this money comes as loans instead of grants, making it harder for vulnerable countries to recover and grow without falling into more debt.



PRICE WATCH
International Trends

<https://tradingeconomics.com/>

COMMODITY	30 JUNE 2025	30 JUNE 2024
Brent Crude Oil	66.774 (USD/Bbl)	86.540 (USD/Bbl)
Natural Gas	3.456 (USD/MMBtu)	2.319 (USD/MMBtu)
Coal	109.90 (USD/T)	135.75 (USD/T)
Gasoline	2.0649 (USD/Gal)	2.5745 (USD/Gal)



Power Consumption Declines
Despite Surge in Generation
Capacity

The installed electricity generation capacity has increased to 46,605 MW, during July-March FY2025 compared to 45,888 MW recorded in the corresponding period of FY2024, the electricity consumption has reduced in the first nine months of ongoing fiscal to 80,111 GWh, compared to 83,109 GWh in the corresponding period of FY2024.

Read more here:
<https://www.thenews.com.pk/print/1319741-power-consumption-declines-despite-surge-in-generation-capacity>

POWER SECTOR

Special Power Tariff Relief
Continues Amid Rising
Generation Costs

Despite escalating electricity generation costs, the special relief of Rs7.41 per unit in power tariff remains in effect. The ministry attributed the surge in power costs to a historic low in hydropower generation and increased reliance on expensive thermal power plants using alternative fuels.

Read more here:
<https://www.energyupdate.com.pk./2025/06/02/special-power-tariff-relief-continues-amid-rising-generation-costs/>



Apna Meter, Apni Reading
App Launched

Prime Minister Shahbaz Sharif formally inaugurated the 'Apna Meter, Apna Reading' power smart mobile application - an initiative aimed at promoting transparency in the billing process by allowing consumers to take their own meter readings and send them to their respective power companies.

Read more here:
<https://www.dawn.com/news/1921004/pmlaunches-app-that-allows-power-users-to-send-their-meter-readings-to-power-companies>

No Final Decision on Changes
to Net Metering Policy:
Power Division

The Power Division said on Thursday that no final decision has been made regarding changes to Pakistan's net metering policy, stating that the consultation process is still ongoing and various proposals remain under consideration.

Read more here:
<https://www.thenews.com.pk/print/1319019-no-final-decision-on-changes-to-net-metering-policy-clarifies-power-division>

Power Division Denies
Reports of Ban on Second
Electricity Meter Installation

The Power Division said the news circulating on social media regarding a "ban on installing two electricity meters" was completely false, misleading, and "a malicious attempt to create unrest among the public".

Read more here:
<https://www.brecorder.com/news/40366762/second-electricity-meter-policy-unchanged-says-power-division-amid-social-media-reports>

Govt to Stop Collecting
Electricity Duty Through
Bills from July 2025

In a move aimed at easing the burden on electricity consumers, the federal government has abolished the provincial electricity duty on power bills effective July 1, and has officially notified all chief ministers of the decision.

Read more here:
<https://www.thenews.com.pk/latest/1325669-centre-ends-provincial-electricity-duty-on-power-bills-from-july-1>



OIL & GAS



OPEC+ Announces Sharp Increase in July Oil Production

Saudi Arabia, Russia and six others key OPEC+ members announced a huge increase in crude production for July. They will produce an additional 411,000 barrels a day – the same target set for May and then June – according to a statement, which is more than three times greater than the group had previously planned.

Read more here <https://www.dawn.com/news/1914650/opec-announces-sharp-increase-in-july-oil-production>

Govt Raises Fixed Charges for Domestic Gas
Consumers By 50pc

The Federal Government has increased the fixed charges, of all the domestic gas consumers, including the protected category, by 50 per cent from July 1. The gas tariffs for Independent Power Producers (IPPs) and General Industries (process) have been raised by up to 16.66 per cent.

Read more here:
<https://www.nation.com.pk/30-Jun-2025/govt-raises-fixed-charges-for-domestic-gas-consumers-by-50pc>

Significant Hydrocarbon Discovered
in Karak

A significant new hydrocarbon discovery has been announced in the country, following the successful testing of the Makori Deep-3 Development Well located within the TAL Joint Venture (JV) in the Karak District, Khyber Pakhtunkhwa Province. The well is operated by MOL Pakistan.

Read more here:
<https://www.brecorder.com/news/40370037/significant-hydrocarbon-discovered-in-karak>

Govt Sets Record Petroleum Levy Target at Rs1.47 Trillion For FY2025-26

The federal government has set a record target for petroleum levy (PL) collection for the upcoming fiscal year 2025-26, aiming to raise Rs1.47 trillion, a 26% increase from the revised target of Rs1.16 trillion for the current fiscal year 2024-25. This rise comes despite a reduction in global oil prices, which would typically ease pressure on consumers.

Read more here: <https://profit.pakistantoday.com.pk/2025/06/11/govt-sets-record-petroleum-levy-target-at-rs1-47-trillion-for-fy2025-26/>



OGRA Threatens to Suspend Licenses of OMCs, Refineries over Non-Compliance

The Oil and Gas Regulatory Authority (OGRA) has issued a stern warning to all Oil Marketing Companies (OMCs) and refineries across the country, threatening suspension of licenses in cases of continued non-compliance with the authority's directives.

Read more here: <https://profit.pakistantoday.com.pk/2025/06/02/ogra-threatens-to-suspend-licences-of-omcs-refineries-over-non-compliance/>

Pakistan Planned 15% Hike in Oil Refining by 2027

Pakistan is likely to increase its refining capacity by 15% by the year 2027 through plant upgrade projects, which are being executed under the Oil Refining Policy 2023, according to the Annual Plan for fiscal year 2025-26.

Read more here: <https://tribune.com.pk/story/2550400/15-hike-in-oil-refining-planned>

WATER WATCH June, 2025

WATER LEVEL	TARBELA	MANGLA
Level	1498.65	1176.00
Dead Level	1402.00	1050.00
Mean Inflow	293000 Cs	24149 Cs
Mean Outflow	150000 Cs	10000 Cs

IRSA RELEASE	30-06-2025	30-06-2024
Punjab	122000 Cs	135500 Cs
Sindh	168000 Cs	160000 Cs
Khyber Pakhtunkhwa	2600 Cs	2900 Cs
Baluchistan	14000 Cs	12000 Cs



NEW ENERGY VEHICLES



Govt Rejects Demand for Higher EV Financing Rates

The government has rejected a proposal by commercial banks seeking an additional 5% interest on financing for electric two and three-wheelers, maintaining the current 11% rate. Banks argued the increase was necessary to cover insurance and operational costs.

Read more here: <https://www.energyupdate.com.pk/2025/06/27/govt-rejects-banks-demand-for-higher-ev-financing-rates/>

Fuel Stations in Capital to have EV Charging Points by 2030

All fuel stations and key points in Islamabad are scheduled to have electric vehicle (EV) charging points by 2030 as part of the government's plan to make the capital a green-fuel city.

Read more here: <https://www.dawn.com/news/1920518/fuel-stations-in-capital-to-have-ev-charging-points-by-2030>

Punjab to Get 2,000 EV Charging Stations

The Punjab government has announced establishing 2,000 electric vehicle (EV) charging stations in a bid to promote eco-friendly public transport across the province.

Read more here: <https://www.dawn.com/news/1918565>

Sindh Bans Four-Seater Rickshaws

In a bid to tighten traffic regulation enforcement, the Sindh government has approved a set of legal changes, including a ban on four-seater rickshaws, mandatory third-party vehicle fitness checks, and sharp increases in traffic violation fines, as part of an overhaul aimed at improving road safety and accountability.

Read more here: <https://www.dawn.com/news/1915821/sindh-bans-four-seater-rickshaws-putsources-fitness-checks-in-traffic-law-overhaul>

Import of up to 5-year-old Used Vehicles Allowed with 40% Extra Tariff

The government has allowed import of up to five-year-old/used vehicles imported in commercial quantities along with 40 percent additional import tariff in budget (2025-26).

Read more here: <https://www.brecorder.com/news/40368928>

Govt Launches National Electric Vehicle Policy

Special Assistant to the Prime Minister on Industries and Production Haroon Akhtar Khan officially launched the National Electric Vehicle (NEV) Policy 2025-30 and called it a historic and transformative step in Pakistan's journey towards industrial, environmental and energy reforms.

Read more here: <https://tribune.com.pk/story/2551729/govt-launches-national-electric-vehicle-policy>

E-Bikes, Rickshaws Get Rs. 9bn Subsidy Under National Electric Vehicle Policy

An initial subsidy of Rs.9bn has been allocated for the fiscal year 2025-26, under which 116,053 electric bikes and 3,171 electric rickshaws will be facilitated. Besides, 25pc of this subsidy is reserved for women to provide them with safe, affordable and eco-friendly mobility.

Read more here: <https://www.dawn.com/news/1918321/e-bikes-rickshaws-get-rs9bn-subsidy-under-national-electric-vehicle-policy>

Sales Tax on Small Cars Raised, New Levy Introduced on Fossil Fuel Vehicles

In a sweeping fiscal overhaul announced in the Federal Budget 2025-26, the government has taken major steps to rationalize the tax structure and promote environmentally friendly transportation, while also intensifying its crackdown on unregistered businesses.

Read more here: <https://profit.pakistantoday.com.pk/2025/06/10/budget-2025-26-sales-tax-on-small-cars-raised-new-levy-introduced-on-fossil-fuel-vehicles/>

CALL FOR ACTION!



Civil society urges the federal and provincial governments to take immediate steps for a comprehensive EV financing program for government employees, especially women, women employees in the private sector, and female college/ university students. This would not only serve as an incentive for government employees and women but also help in creating an enabling eco-system for EVs.

International Days – July 2025

July 10 - GLOBAL ENERGY INDEPENDENCE DAY

July 28 - WORLD CONSERVATION DAY

DISCLAIMER

This bulletin is a collection of publicly available research, news, reports, and updates related to Just Energy Transition, Renewable Energy, and Climate Action by the Center for Peace and Development Initiatives as part of its ongoing commitment to a Just Energy Transition from Fossil Fuels to Renewables. It is intended exclusively for informational and educational purposes and does not necessarily reflect the position and opinions of CPDI.

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<https://cpdi-pakistan.org/>

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