



# Industrial Bulletin

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VOLUME - IX



**Mr. Momin Agha**

Additional Secretary (Incharge)  
for Industries & Production

Engineering Development Board would like to extend warmest welcome to Mr. Momin Agha who has been posted as the Additional Secretary (Incharge) for Industries & Production vide Cabinet Division's Notification No. PF (732)/E-5(PAS) dated 2<sup>nd</sup> February, 2023. Engineering Development Board look forward to have great working relationship with Ministry of Industries & Production under his supervision and guidance.

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## **EMCO INDUSTRIES LIMITED**

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Tension / Suspension  
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Line & Station Post  
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Long Rod Insulator

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# MINISTER OF INDUSTRIES & PRODUCTION INAUGURATED THE MOBILE DEVICE MANUFACTURING SUMMIT

Engineering Development Board in collaboration with Pakistan Mobile Phone Manufacturers Association (PMPMA) organized **"Mobile Device Manufacturing Summit"** on Tuesday 24<sup>th</sup> January, 2023 at Marriott Hotel, Islamabad. The summit included an exhibition on display of technology and products by the members of association for visitors- showcasing latest locally manufactured/assembled products from Xiaomi, Realme, Infinix, Tecno, Itel, Alcatel, G-Five, Oppo, Vivo, Premier Code etc.

Makhdoom Syed Murtaza Mahmud, Honourable Minister for Industries and Production was the Chief Guest in the inaugural session. Mr. Imdadullah Bosal, Ex-Federal Secretary for Industries and Production graced the occasion with his presence during the summit. The purpose of organizing this summit cum exhibition was to get inputs from relevant stakeholders to boost local assembly of mobile devices and enhancing investment and employment opportunities in this sector. The summit was attended by Mobile Device Manufacturers and officials from Pakistan Telecommunication Authority (PTA), Ministry of Commerce, National Tariff Commission, Board of Investment, Ministry of IT & Telecom, Federal Board of Revenue (FBR) and Academia.

It may be recalled that the Mobile Device Manufacturing Policy was formulated by EDB in 2020 with an aim to promote local manufacturing of Mobile Devices in Pakistan and to provide an attractive environment for investors to augment **"Make in Pakistan"** strategy of Government of Pakistan. The policy has resulted in establishment of 31 companies manufacturing, almost all the renowned international mobile phone brands in Pakistan.

During the summit, all relevant stakeholders gave their proposals/inputs for enhancing local manufacturing of mobile phones so as to create a roadmap of development that maximized the industry's output and benefit to the local populace. The discussion focused on localization of parts and components being used in mobile manufacturing, localization of allied equipment like laptops and tablets, targeting export of mobile phones and promoting ease of doing business in Pakistan.

Industry experts discussed the immense potential of local production to boost the country's economy and provide jobs for the country's growing population. Participants in the event discussed the potential of local mobile manufacturing in Pakistan with major industry experts and government officials. Participants were of the opinion that this sector can contribute substantially to the national exchequer in terms of revenues and export earnings if it flourishes at a good pace and with the government's support.



Continued





The Mobile Device Manufacturing sector is expected to benefit from this summit as it will facilitate further collaborations with international counterparts, which may enhance competitiveness of the sector.

Syed Murtaza Mahmud, Minister for Industries & Production congratulated Engineering Development Board and Mobile Manufacturing Association for organizing Mobile Device Manufacturing Summit. He stated that it was indeed a pleasure to see the mobile phone manufacturing technology flourishing due to the consistent policies of the government. The mobile device manufacturing policy prepared by Engineering Development Board, Ministry of Industries and Production in 2020 has been a great success which has attracted investments (USD 200 +Million) from almost all the world renowned international brands and within 2-3 years 93% of mobile phones being registered are manufactured in Pakistan (till November 2022). He further added that with 194 Million subscribers, Pakistan is the market for 40 million mobile phones per annum. This sector has generated employment of 40,000+ workers through this policy and there is Rs 2.6 billion expected just through localization of packing material.



Pakistan can consider localizing parts and components and allied equipment like tablets, laptops etc. in near future. Export of Mobile phones can earn foreign exchange to the country. The local manufacturing, employment generation, investment promotion, transfer of technology and an effort towards development of IT eco-system are highly commendable for which the Federal Minister for I&P congratulated the entire team of EDB.

He further stated that his Ministry and Engineering Development Board have worked jointly in the recent past to support the mobile phone manufacturers in the difficult economic conditions. They have tried to support this nascent industry during the difficult times and he expected that the situation will become better in near future. He assured his continuous support to the industry for achievement of the ultimate goals of the industry which is expected to result in the prosperity of country. The Federal Minister thanked all the government departments including PTA, FBR, Ministry of Commerce, Ministry of IT & Telecom and National Tariff Commission etc for their inputs and support for the Policy.





## FEDERAL MINISTER FOR INDUSTRIES & PRODUCTION VISITED UTOPIA INDUSTRIES

Syed Murtaza Mahmud, Minister for Industries & Production, accompanied by Deputy General Manager-EDB Mr. Asim Ayaz visited Utopia Industries Pvt Limited in Karachi on 8<sup>th</sup> February, 2023.

M/s Utopia Industries was founded in 2019 with a vision to be a leading manufacturer and provider of innovative textile solutions around the globe. Being one of the world's most versatile manufacturing company, Utopia Industries has successfully established a vertically integrated manufacturing facility of Pillows, Microfiber Bed Sheets, Comforters, Quilted Mattress Pad, Terry Towels, Knit Garments, Knit Bedding, Waterproof Mattress Protectors, Cotton Blankets, Plastic Products, Nonstick Cookware, Cast Iron Cookware, Metal Rod Garment Racks, Metal Wire Racks, Office Furniture and Personal Care Products. It also produces its own accessories like Sewing Thread, Poly Bag, PVC Zipper Bag, Carton, Elastic Cord, Zipper, Tape, Insert Cards and different labels. It has developed the capacity to produce a few of its own raw materials like polyester staple fiber along with texturing of the polyester yarn. It has successfully produced Pakistan's first ever water jet loom. In last 2 years it created 10,000 direct jobs in its facility. Exporting goods worth approx. \$175 million and handling around 4000+ containers in a year, Utopia Industries target is to reach up to \$250 million in exports by 2023.



The Minister for I & P visited different sections of the manufacturing plant and applauded the efforts of M/s Utopia Industries for becoming 20<sup>th</sup> Largest Exporter and 2<sup>nd</sup> Top most Seller on Amazon fulfilling small, medium, and large-scale orders with efficiency and significantly contributing towards human resource development, employment, technology upgradation and also maintaining highest standards of quality during production and deliverables. The Minister also appreciated the efforts of EDB in facilitating the engineering industry which are leading to greater localization and thus contributing towards import substitution, employment generation, transfer of technology and export enhancement.



## MINISTER OF INDUSTRIES AND PRODUCTION VISITED PREMIER CODE (PVT) LTD.

The Minister of Industries & Production-Syed Murtaza Mahmud along with Mr. Asim Ayaz DGM Policy-EDB and other dignitaries recently paid a visit to Premier Code's advanced smartphone manufacturing plant, in Korangi Industrial Area-Karachi. The company's top executives, including the group CEO, Syed Arshad Raza, company CEO, Syed Muhammad Naqi and CTO Usman Tariq, welcomed the Minister and the entire team. The purpose of the visit was to see the manufacturing facilities of Pakistani brand (DCODE).

**Continued**





The facilities are equipped with cutting-edge, high-quality manufacturing technology and is producing reliable smartphones at their facility. Premier Code (Pvt) Ltd. claim to be the only OEM in the country to have designed and established a fully operational manufacturing plant leveraging the expertise of local engineers, without the need for any foreign staff. During his visit, the Minister appreciated the company's focus on quality, evident in its three-layer quality check process, its well-equipped R&D, and reliability labs that ensure the production standards of high-quality products in Pakistan. The Minister also commended Premier Code's efforts towards product diversification, as the

company is making efforts to expand its offerings from smartphones to electric bikes and IoT products. The company is actively working towards the localization of smartphone components such as Data Cables, Chargers, Batteries and Packaging along with localization of Intellectual Property rights, design and development of products in the country to help reduce Pakistan's import bill and enhance intellectual capital. Syed Murtaza Mahmud expressed his appreciation for the company's commitment to promote local talent, its contribution towards the national exchequer, and setting a benchmark of success for growth of Pakistan's economy.

## 53<sup>rd</sup> MEETING OF EDB'S BOARD OF MANAGEMENT

53<sup>rd</sup> Meeting of EDB's Board of Management was held on 24<sup>th</sup> February, 2023 under the Chairmanship of Mr. Almas Hyder at NFC, Lahore and attended by the majority of the Board Members. CEO-EDB briefed the house about the accomplishments of the organization along with the progress on follow-ups of the previous meetings. The house was briefed on the development activities in respect of Auto Industry Development & Export Policy (AIDEP) (2021-26) and associated issues, Mobile Device Manufacturing Policy and latest developments regarding WP-29 held at Indonesia, Solar Panel and Allied Equipment Manufacturing Policy, Revision / Updation of list of Locally Manufactured Goods (CGO), Budget Exercise FY (2023-24) and Pak GC Free Trade.



The Board was briefed that due to difficult financial situation in the country, automotive sector has been severely and adversely impacted especially due to restrictions on LCs opening leading to reduction in capacity utilization below 50%, resulting in supply chain issues, vendor closures, price increase, delivery delays, etc. It was added that new entrants under AIDP 2016-21 have agitated that their businesses have been adversely impacted and they have requested for extension of time periods of benefits under AIDEP. Board was further informed that the new entrants are not comfortable with bi-annual updation of SRO 693 due to reduced volumes and industry in general is requesting for suspension of KIBOR+3% due to problems in LC opening which may take some time to normalize. Furthermore, regarding the state of EV segment, Board was apprised that EDB has given 25 licenses for manufacturing of electric 2-3 wheelers.

The Board was informed that Mobile Device Manufacturing Policy (MDMP) framed by EDB was approved by Government in FY 2020-21. As a result of incentives provided in the policy within 2-3 years 93 percent of mobile phones are being manufactured/assembled locally by 31 manufacturers registered with PTA. The MDMP was instrumental in generating employment of more than 40,000 workers, investment of more than USD 200 Million and the export of cell phones to UAE in limited quantity has also started. The Board was apprised that a workshop on Mobile Phone Manufacturing was held in January in Islamabad wherein MDMP, localization and export plan of the industry was discussed at length. CEO added that PTA gives the type approval of the device and also issues manufacturing license meaning that manufacturing setups are bound to get approval of the

product as well as manufacturing processes. EDB is of the view that unnecessary processes and procedures may be eliminated to make the business environment easier for investors. Furthermore, Policy may need to be extended to allied equipment.



The Board was further informed that a consultative workshop regarding Solar Panel & Allied Equipment Manufacturing Policy was held on October 4, 2022 in Islamabad which was widely attended by the industry representatives, government officials and other stakeholders. Based on the recommendations, Policy draft was further improved and forwarded to MoIP in the month of November 2022. The MoIP circulated Summary for comments from relevant Ministries/Divisions before placing it to ECC of the Cabinet for approval.

The Board was updated that in compliance to the directions of the Board given in 51<sup>st</sup> BoM meeting the final list of Locally Manufactured Goods (CGO) at 10-digit level was forwarded to FBR through Ministry of Industries and production and the same was notified by FBR as CGO-04/2022 dated 16.11.2022. The Board was further apprised that Ministry of Commerce's (MoC) is in process of negotiating Pak-GCC Free Trade Agreement. EDB has evaluated the list and consulted with the local stakeholders (Associations/ Industries) and tariff lines so agreed are being furnished to MoC through MoIP.



## 3<sup>rd</sup> MEETING OF AUTO INDUSTRY DEVELOPMENT AND EXPORT COMMITTEE

The 3<sup>rd</sup> meeting of the Auto Industry Development and Export Committee was held on 21<sup>st</sup> March, 2023 under the Chairmanship of CEO, EDB at Engineering Development Board, Islamabad.

Detailed discussions were held on the current situation of local automobile industry in the ongoing economic situation. Industry was of the view that there is an immediate need for the withdrawal of import restrictions imposed by State Bank of Pakistan or at least quota system should be allowed. Industry highlighted that extremely high rate of auto financing, rapidly depreciating currency, increase of GST to 25% etc. have suppressed demand to an extent where the survival of the industry is in question. It was decided during the meeting that EDB will take up the matter to revive the quota issuance system in order to ensure the survival of



automotive industry which has been developed over a period of 30-40 years. It was also highlighted during the meeting that PSQCA has developed standards without consultation with the industry. The forum recommended taking up the matter with CCLC and MoST to ensure development of standards in consultation with the industry.

Various matters related to applicability of SRO 693, localization and suspension of KIBOR+3%, late delivery



payments and export targets for the current year in view of restrictions on import was also discussed. Industry informed that in current situation, the vehicles are being delivered on time and concept of On-Money has been irrelevant. Industry recommended mandatory registration of Cars/SUVs/LCVs by OEM/Dealership to curtail On-Money. AIDEC members also discussed the mechanism to phase out SROs in



compliance to Automotive Industry Development and Export Policy 2021-26. Furthermore, matters to further incentivize Electric Vehicles and various technical issues in view of SRO 656(I) 2006 regulations were also presented before AIDEC members for technical advice.

## ECONOMY FESTIVAL-ECONFEST

Pakistan Institute of Development Economics (PIDE) in collaboration with the Research for Social Transformation & Advancement (RASTA) programme and the Pakistan Society of Development Economists held first Economy Festival-EconFest on 11<sup>th</sup> & 12<sup>th</sup> March 2023 at Alhamrah Art Center, Lahore. Mr. Almas Hyder, Chairman-EDB was invited as a guest speaker to deliberate on the Automotive Industry

of Pakistan. He appreciated the initiative of EconFest to bring together leading economists, public policy experts, practitioners and professionals on this platform to share views pertaining to the economic challenges faced by the country. Chairman EDB shared his thoughts, regarding the role of Automotive Industry of Pakistan and the main challenges and opportunities faced by this sector.





## MEETING OF THE MEMBER STATES OF THE SHANGHAI COOPERATION ORGANIZATION (SCO)

EDB participated in online meetings of SCO Experts Group which were organized by Tajikistan in coordination with SCO Secretariat. The Experts discussed and finalized the Protocol and Agenda of the First Meeting of SCO Member State's Ministers for industries. EDB participated in the meeting held on 22<sup>nd</sup> March, 2023 for the discussion on the status of SCO Programs/ Agreements/ Concepts and relevant activities in respect of frame work.



## PAKISTAN INSTITUTE OF DEVELOPMENT ECONOMICS (PIDE) AND EDB SIGNED MOU



EDB has signed an MoU with Pakistan Institute of Development Economics (PIDE) to study Pakistan's Engineering Industry to review / map the potential of engineering sectors and to identify the factors of growth for global integration of this sector.





## THE 4<sup>TH</sup> MEETING OF THE PAKISTANI-RUSSIAN WORKING GROUP ON TRADE & INVESTMENT

The 4<sup>th</sup> meeting of Pakistan-Russia Working Group on Trade and Investment (WGTI) was held in Islamabad, on the 17<sup>th</sup>



January, 2023. Mr. Waqar uddin Siddique, Joint Secretary (IF) Ministry of Industries & Production and Engr. Khuda Bukhsh GM (SDG/Tariff)-EDB attended the meeting. The Russian

delegation was headed by Mr. Ali-Zadeh Israfil, Deputy Director of the Department for Development of Bilateral Cooperation of the Ministry of Economic Development of Russia, and the Pakistani delegation was headed by Mr. Atif Aziz, Joint Secretary, Ministry of Commerce.

Both countries discussed potential for cooperation in the field of mutual trade and investment. It was also highlighted that establishment of direct contacts between the relevant Russian and Pakistani industries will contribute to increase in trade turnover and expansion of areas of cooperation. The main motive of the WGTI is to remove barriers and restrictions in trade in goods and services in both countries. Promising areas of cooperation i.e. mutual increase in the supply of Industrial products was also the main area of discussion in the meeting. Both sides expressed their satisfaction to encourage initiation of various activities on trade and jointly work to accelerate the certification of production facilities which are interested in supply to the markets of Russia and Pakistan.

## MANUFACTURING OF GRID STATION AND TRANSMISSION LINE EPE IN PAKISTAN

A meeting was held at NTDC, Wapda House, Lahore, on 09.02.2023 under Chairmanship of Mr. Naveed Ismail, Chairman BOD, NTDC for promotion of manufacturing of 500KV and 220KV Transmission Line and Grid Station Materials in Pakistan. The meeting was also attended virtually by Engr. Khuda Bukhsh-General Manager (SDG/Tariff) and Engr. M. Zukhruf, Manager (SDG) EDB in addition to the experts from nine renowned global manufacturers of High Voltage Grid Station and Transmission Line materials.

NTDC highlighted huge potential for manufacturing of 132KV, 220 KV, 500 KV and 765 KV Electrical Power Equipment (EPE) and up-coming energy projects under China Pakistan Economic Corridor. Massive incentives and economic benefits were highlighted for the investors in Special Economic Zones for the projects coming under Indicative Generation and Capacity Expansion Plan (IGCEP) and Transmission System Expansion Plan (TSEP). Following nine Foreign High Voltage Equipment (EPE) manufacturers participated and took keen interest in the discussions.

1: General Electric (GE)	2: CHINT-China
3: Koncar Electric Engineering-Croatia	4: TBA-China (Towers)
5: Sinoma insulators-China	6: ZJH-China
7: BLT Pvt Ltd-China	8: Hanhe Cables-China
9: ZTT-China	



The representatives from the foreign High Voltage EPE manufacturers appreciated the Government efforts towards localization and ease of doing business to encourage foreign manufactures to invest in manufacturing of EPE. They further added that localization is not an easy task and is linked to the guaranteed volume of EPE to cater local requirements as mentioned in IGCEP, TSEP and Distribution Integrated Investment Plan (DIIP), and also timely execution of projects and availability of testing facilities. Further, these firms have the potential to export their quality products to Africa, South Asian Countries to earn Foreign exchange.



# EDB'S PARTICIPATION IN ENGINEERING & HEALTHCARE SHOW (EHCS) 2023 PAKISTAN

On the invitation of Trade Development Authority of Pakistan (TDAP), Business Development Group of EDB participated in the 2<sup>nd</sup> Engineering & Healthcare Show 2023 (EHCS) held from 23<sup>rd</sup> to 25<sup>th</sup> February 2023 at International Expo Centre Lahore.

Engineering & Healthcare Show 2023 aimed to connect exporters with foreign buyers and develop strategies for their entry into less-explored markets with high potential. The show was resourceful platform where the visitors, local engineering industry and other stakeholders came together to explore the way forward to globally promote Pakistan as a credible brand. The exhibitors participating in engineering and healthcare show included participation from various sectors like; Agricultural Machinery, Pumps & Motors, Safety Equipment, Surgical instruments, Auto-parts, Rubber & its allied products, Packaging, Plastics, Electrical Machinery,

Cookware, Steel & Iron, Cutlery & Utensils, Mobile Devices, Glass and Pharmaceutical Industry etc.





EDB's stall was source of information in respect of investment opportunities available in Engineering Industry of Pakistan and export enhancement of locally manufactured engineering goods. Besides local visitors, a number of foreign delegates / visitors from various African countries (including Senegal, Tanzania, Zimbabwe, Kenya and Nigeria), Afghanistan, Egypt, China / Hong Kong also visited EDB's stall. A meeting with M/s. AGROASIA Group of Companies was also held regarding manufacturing of Agriculture Tractor and Agriculture Implements, GM BDG – EDB briefed them about the procedure of issuance of Manufacturing License. Mrs. Raazia Shakir, General Manager

(BDG) briefed the delegates / visitors about export opportunities and incentive regimes being offered by the Government of Pakistan for export enhancement and investment purposes.





## 7<sup>th</sup> HCM & TIM 2023 MEETING OF D-8 MEMBER COUNTRIES

The 7<sup>th</sup> High Council Meeting HCM of the D-8 Member Countries was participated virtually by EDB on 27<sup>th</sup> and 28<sup>th</sup> February, 2023 hosted by D-8 TTEN Secretariat Iran.

Technology Investment Meeting-2023 was also a sideline activity of this meeting. From Pakistan, Mrs Raazia Shakir, GM-EDB led the delegation along with other team members participating virtually, while Mr. Aamir Hussain, Trade & Investment Councilor, Ministry of Foreign Affairs / Pakistani Mission in Iran participated physically. Engineer Fared Bukhtiar, Senior Research Officer Ministry of Science & Technology represented Pakistan virtually in the meeting and gave a comprehensive presentation on the Scientific Developments in Pakistan.

During the session, Syed Azfar Hussain, Project Director-NIC from LMKT Pakistan gave brief presentation on initiatives in Tech Incubation Centers, Smart Cities, Agri-Tech and Clean Technology Solutions. Other D8-Members i.e. Malaysia, Egypt, Turkey, Bangladesh, Indonesia and Nigeria participated in the event and shared the activities in their respective countries.



## 19<sup>th</sup> INTERNATIONAL TRADE & INDUSTRIAL FAIR (ITIF) ASIA, 2023 AT KARACHI EXPO CENTER

Horticulture Machinery.

EDB organized a stall at the show to network and interface with the industry. EDB's stall was source of information in respect of investment opportunities and export potential of engineering sub sectors of Pakistan. Besides local visitors & academia, a number of foreign visitors from various countries like China, Iran, US etc. also visited EDB's stall. GM-BDG and DGM-ROK briefed delegates / visitors about incentive regimes being offered by the Government in particular for engineering industry like SROs 655,656, 693, 450/DTRE/EFS, 827, Green Field Investment Policy, CGO/4,5th Schedule etc. The delegates / visitors were also given EDB's publications like EDB's Profile, Engineering Goods Exporters Directories, Cost of Doing Business, Quarterly Industrial Bulletin etc.



During the event, said Officers also had detailed meetings with the representative of various engineering companies / associations and professionals with regard to exports enhancement of engineering sub sectors and value added goods. The companies / association included Pakistan Ship Breakers Association, Gresham Engineering, Belarusian State University, Senkox Technologies Inc. China, Crescent Steel & Allied Products Ltd., Tufail Chemicals, Ezzi Engineering, Shan Industries, Cannon Bono Energia, Italy, SIPL, PMTF, PCSIR and many more.



Overall, 19<sup>th</sup> International Trade & Industrial Fair 2023 received an overwhelming response from industry stakeholders and diverse consumer segments. Hence, show was resourceful platform for sustainable enrichment of the engineering industry where the stakeholders came together to explore the way forward and globally promote Pakistan as a credible brand. Momento was presented to EDB by management of E-Commerce for participation in the exhibition on their invitation.





# COMPRESSOR PURCHASING CRITERIA FOR ENERGY EFFICIENCY



**Mr. Imtiaz Rastgar** Chairman Rastgar Group and CBI

External Expert, Ex-CEO, Engineering Development Board

While the decision for purchase of compressor is made, it is always good to know about their utility criteria. i-e, how much air will they get, for the money we pay for their products for their money? Below, we address some common approaches we encounter:



## Compressed Air Cost per Horsepower

This is a quick comparison that can be done using basic product literature, but it is a very superficial metric for comparing compressors. Since the requirements of air tools and equipment are not rated in compressor horsepower, and since the flows among compressors of the same nominal hp can vary by 20% or more, this doesn't tell you how much air (cfm) you are getting or whether a compressor will meet your air demands (assuming you know them). Our experience with hundreds of thousands of systems has shown that without knowing your actual system needs, you are more likely to oversize your system, which leads to higher power and maintenance costs and reduced longevity.

## Compressed Air Cost per CFM

This can also be done with literature and is a step forward for basic comparison, and if you know your actual flow demands it will help avoid sizing mistakes. Like the first method, its shortfall is that it only considers initial cost. It does not reflect energy efficiency, so it is not a predictor of the largest component of compressed air life cycle costs: electricity usage.

## Compressor Cost and Specific Power (kW/100 CFM)

Specific power is the true measure of a compressor's

efficiency, so combining this with unit cost is a better indicator of compressor value. Keep in mind, however, that specific power is based on a fixed set of conditions and assumes the compressor is running at maximum capacity, which they rarely do. Nonetheless, when choosing machines it is very useful to compare the specific power (AKA "specific performance") of the compressors. Most major manufacturers provide this information in CAGI data sheets on their websites or by request.

## System Specific Power

Because most compressors run partly loaded for a variety of reasons (demand fluctuation, oversizing, changes in production), the best metric for energy efficiency (and therefore compressor selection) is system specific power. This metric reflects the ability of the total system to maintain efficiency throughout the full range of production demand and is a far better metric for operational efficiency.

## Compressed Air Systems Performance Evaluations in Pakistan

This is not easy to assess for new plants (unless there is a similar sister plant in operation), but it is easily done for upgrades on existing systems with tools and service like Air Audit that data log parameters including compressor run time, system pressure, power consumption and flow, and then select the best mix of machines to meet the need. We strongly recommend assessing system performance anytime you are adding or replacing compressors — even if you plan to simply replace a compressor with another of same size. This is an ideal time to baseline the system and identifies inefficiencies in pressure drop, storage, sizing, and controls. Because compressed air demand changes as plants increase or reduce production levels or upgrade pneumatic equipment, it can be a challenge to maintain optimal system performance. The best approach in multi-compressor systems is a combination of proper sizing of compressors and the use of adaptive smart controls. These learn system dynamics and switch compressors on/off in the most efficient manner while maintaining desired system pressure, balancing load hours and minimizing idle time.

Learn more about Compressed Air Systems performance evaluations in Pakistan [www.airaudit.com.pk](http://www.airaudit.com.pk)

This article was originally published in AutoMark



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# HIGHLIGHTS OF THE MEETINGS



**Meeting on Advance Metering Infrastructure in DISCOS on 17<sup>th</sup> March, 2023**



**Meeting on Soaring pricing of Steel and Iron, chaired by CEO EDB dated 5<sup>th</sup> April, 2023**



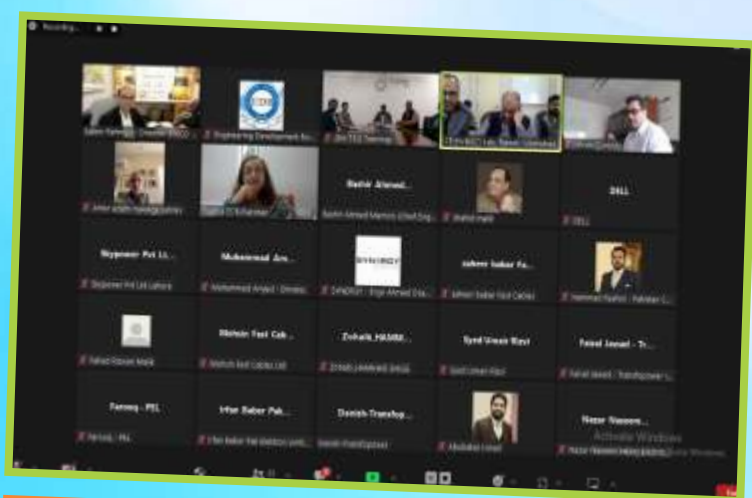
**Meeting to discuss the progress on Solar Panel & Allied Equipment Policy, chaired by Additional Secretary MOIP dated 8<sup>th</sup> Feb, 2023**



**Meeting with SIMAP to discuss ToRs on Manufacturing of Medical Devices chaired by GM-SDG on 28<sup>th</sup> March, 2023**



**Request for Exemption & Reduction of Taxes and Duties on AMI Pilot Project approved by ECNE chaired by GM-SDG, EDB on 30<sup>th</sup> March ,2023**



**Stakeholders meeting on the upgradation of Rawat Lab chaired by GM-BDG ,EDB dated 15<sup>th</sup> Feb, 2023**



**Virtual Meeting with Stakeholders on Localization of Mining Machines Chaired by CEO-EDB on 17<sup>th</sup> Feb ,2023**



**About Writer**

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Foton JW Auto Park (Pvt.) Limited

**WHY EV IS THE FUTURE OF AUTOMOBILES**

EVs: As electric vehicles become more predominant, the automotive industry is undergoing a major transformation. EVs are rapidly growing in popularity, and it is not hard to see why. They offer a number of benefits over traditional gasoline-powered vehicles, including lower operating costs, reduced emissions, and improved performance. One of the most significant trends in the EV market is the increased adoption of electric vehicles. According to the International Energy Agency (IEA), there were 10 million electric cars on the road globally in 2020-2021. The adoption rate of EVs is increasing rapidly as more governments around the world implement policies to encourage the use of electric cars. This is a significant increase from just a few years ago, and the number of EVs is expected to continue to grow rapidly in the coming years, and the number is expected to reach 145 million by 2030.

There are several types of electric vehicles (EVs) available in the market today. The main types of EVs are:

**Battery Electric Vehicles (BEVs):** These vehicles are powered entirely by an electric motor and rechargeable batteries, without any gasoline engine. BEVs are the most common type of electric vehicle and have the longest driving range among EVs. They must be charged from an external source, such as a wall outlet or charging station.

**Plug-in Hybrid Electric Vehicles (PHEVs):** These vehicles have both an electric motor and a gasoline engine. They can run on battery power alone for a limited distance and then switch to the gasoline engine for longer distances. PHEVs can also be charged from an external source, which helps to extend their electric-only range.

**Hybrid Electric Vehicles (HEVs):** These vehicles have both an electric motor and a gasoline engine, but unlike PHEVs, they cannot be plugged in and must rely on the gasoline engine to charge the battery. The electric motor is used to assist the gasoline engine in providing power and increasing fuel efficiency.

**Fuel Cell Electric Vehicles (FCEVs):** These vehicles use hydrogen fuel and a fuel cell to generate electricity to power an electric motor. FCEVs emit only water vapor and have a longer driving range than battery-powered EVs. However, the infrastructure for hydrogen fueling is still limited.

**Neighborhood Electric Vehicles (NEVs):** These vehicles are small, low-speed electric vehicles designed for use in neighborhoods, urban areas, and other low-speed environments. They typically have a top speed of 25 mph and are used for short trips.

**Continued**

Each type of EV has its own set of advantages and disadvantages, and the choice of the type of EV depends on the individual's needs, driving habits, and access to charging infrastructure.



In terms of manufacturers, there are many companies producing EVs. Some of the most popular include Tesla, Nissan, Chevrolet, Ford, Volkswagen, BMW, Hyundai, Kia, and many others throughout the globe.

### How Electric vehicles Works?

An electric vehicle (EV) is a type of vehicle that uses electricity as its primary source of power. Here's how an EV typically works. EV is powered by a rechargeable battery pack that is usually located under the floor of the car. The battery provides power to an electric motor, which turns the wheels. The electric motor is the primary source of propulsion for the vehicle. It converts electrical energy from the battery into mechanical energy that turns the wheels. The motor is connected to the wheels through a transmission, which allows the driver to control the vehicle's speed. To recharge the battery, the vehicle can be plugged into an electrical outlet or charging station. The battery can also be recharged through regenerative braking, which uses the motor to slow the vehicle down and converts some of the kinetic energy into electrical energy that is stored in the battery. The vehicle's control system manages the flow of power from the battery to the motor and controls the speed of the motor. The control system also manages other vehicle systems, such as the heating and cooling systems, and may provide information to the driver about the status of the battery and other vehicle systems. Like any other vehicle, an EV has a range of accessories that are powered by electricity. These can include lights, air conditioning, and other features. In this article, we will explore the current trends in the EV market and make some

predictions for the future.

### Environmental concerns:

The trend toward electric vehicles (EVs) has largely been driven by environmental concerns. As the impact of climate change becomes more evident, many individuals and governments are looking for ways to reduce their carbon footprint and combat air pollution. EVs are seen as a way to reduce greenhouse gas emissions and improve air quality, as they emit no tailpipe pollutants and are powered by electricity, which can be produced from renewable energy sources. As a result, there has been a significant increase in the production and sales of EVs in recent years. Many countries have also introduced policies to encourage the adoption of EVs, such as tax incentives, subsidies, and restrictions on the sale of gasoline and diesel vehicles. Overall, the trend towards electric vehicles is driven by environmental concerns and is expected to continue as governments and individuals prioritize sustainability and seek to reduce their carbon footprint.



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## List of 2-3 Wheeler EV Manufacturers approved by EDB

S. No.	Name of OEM	Vehicle/ Model	HS Code
01	M/s Jolta Electric (Pvt) Ltd., Lahore.	Jolta JE-50D (Electric Motorcycle)	8711.6040
		Jolta JE-50L (Electric Motorcycle)	8711.6040
		Jolta JE-70D (Electric Motorcycle)	8711.6040
		Jolta JE-70L (Electric Motorcycle)	8711.6040
		Jolta JE-100L (Electric Motorcycle)	8711.6040
		Jolta JE-125L (Electric Motorcycle)	8711.6040
02*	M/s Sazgar Engineering Works Ltd., Lahore.	Sazgar Mini Cab Electric Auto Rickshaw	8703.8030
		Sazgar Mini Cab Swappable Electric Auto Rickshaw	8703.8030
		Sazgar Tempo 3-Wheeler Electric Loader	8711.6060
03*	M/s Plum Qingqi Motors Ltd., Lahore.	Qingqi QM-70 (Electric Motorcycle)	8711.6040
04	M/s La He Trading International (Pvt) Ltd., Faisalabad.	Yuan Jun 2-Wheeler (Electric Motorcycle)	8711.6040
		Yuan Jun Azadi 2-Wheeler (Electric Motorcycle)	8711.6040
05*	M/s Elite Auto Industry (Pvt) Ltd., Karachi.	Elite Sawari EAI-2KW (Electric Motorcycle)	8711.6040
		Elite Sawari EAI-3KW (Electric Motorcycle)	8711.6040
06*	M/s Treet Holding Ltd., Lahore.	Treet Voltaic TV-70 Electric Motorcycle	8711.6040
07	M/s Nova Mobility (Pvt) Ltd., Karachi.	EcoDost 3-Wheeler Electric Loader	8711.6060
		EcoDost 2-Wheeler ED-70 Electric Motorcycle 1500 Watt	8711.6040
08*	M/s Waleed Trading Company, Faisalabad.	Road King RKEV-70 Electric Motorcycle	8711.6040
09*	M/s MS Automobiles (Pvt) Ltd., Sahiwal.	MS Jaguar Electric Motorcycle	8711.6040
		MS Jaguar Electric Scooter	8711.6040
10	M/s Pakzone Electric Motors (Pvt) Ltd., Lahore.	PE-70L (Electric Motorcycle)	8711.6040
		PE-70D (Electric Motorcycle)	8711.6040
		PE-125L (Electric Motorcycle)	8711.6040
11*	M/s United Auto Industries (Pvt) Ltd., Lahore.	United Revolt Electric Motorcycle	8711.6040
		United Spark Electric Motorcycle	8711.6040
		United Bullet Electric Motorcycle	8711.6040
12*	M/s Memon Motor (Pvt) Ltd., Hyderabad.	Super Star SSE-MDW Electric Motorcycle	8711.6040
		Super Star SSE-MMW Electric Motorcycle	8711.6040
13	M/s Vitality Electric Vehicles, Karachi.	Bolt Electric Motorcycle	8711.6040
		Retro Electric Motorcycle	8711.6040
		Velocity Electric Motorcycle	8711.6040
14	M/s Inner Z Automotive (Pvt) Ltd., Islamabad.	Inner Z Electric Motorcycle	8711.6040
15*	M/s Crown Motor Company (Pvt) Ltd., Sadiqabad.	Crown Electric Motorcycle	8711.6040
		Crown Electric Scooty	8711.6040
16*	M/s Dharala Auto Industry, Bahawalpur.	Sutlej EDA Electric Motorcycle	8711.6040
17	M/s E-Turbo Motors (Pvt) Ltd., Hyderabad	E Turbo ET-Electric Motorcycle 1500 Watt	8711.6040
		E Turbo ET-Electric Motorcycle 2000 Watt	8711.6040
18*	M/s Ride Star Automobiles, Okara	Ride Star RSEV-70 Electric Motorcycle	8711.6040
		Ride Star RSEV-100 Electric Motorcycle	8711.6040
		Ride Star RSEV-125 Electric Motorcycle	8711.6040
19	M/s Rehman Auto Industry, Bahawalpur	Rohi RIEV-70 Electric Motorcycle	8711.6040
20	M/s Eiffel Industries Ltd.,	Road Prince RPEV-70 Electric Motorcycle	8711.6040
		Road Prince RPEV-Electric Scooty	8711.6040
		Road Prince RPEV-Electric Loader	8711.6060
21	M/s Pak Star Automobile (Pvt) Ltd., Sheikhpura	Metro T9-Electric Scooter	8711.6040
22	M/s HH Trading & Engineering Works, Hyderabad	E-Hawk EH-Electric Motorcycle 1500 Watt	8711.6040
23	M/s AlhMmdAli EPC Co. (Pvt) Ltd., Rajanpur	AlhMmdAli 2-Wheeler Electric Motorcycle(Electric Vehicle)	8711.6040
		AlhMmdAli 3-Wheeler Electric Loader (Electric Vehicle)	8711.6060
24	M/s Siwa Industries (Pvt) Ltd Lahore	Siwa SWE-Electric Motorcycle	8711.6040
		Siwa SWE Electric Scooty	8711.6040
25	M/s Fusion Engineering (Pvt) Ltd., Lahore	Road Star RSEV-Electric Scooty	8711.6040
26.	M/s Roamer Technology	ezBike Electron Electric Scooty 2000 Watt	8711.6040



## PRODUCTION FIGURES

### CARS / LCVs / HCVs (ACTIVE UNITS)

2018-19, 2019-20, 2020-21, 2021-22 & 2022-23 (Mar-23)

S. No.	Manufacturer/ Assembler	2018-19	2019-20	2020-21	2021-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	2022-23
				(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)	(Units)
1	M/s Pak Suzuki Motor Co. Ltd., Karachi	132,166	64,240	87,723	143,719	9,881	5,757	4,411	7,252	11,940	11,035	1,586	2,667	4,697	2,824	62,050
2	M/s Indus Motor Co. Ltd., Karachi	65,336	28,518	59,187	72,438	3,582	3,089	2,547	3,355	3,676	2,313	4,819	1,473	1,994	1,693	28,541
3	M/s Honda Atlas Cars (Pakistan) Ltd., Lahore	45,098	15,672	28,862	39,278	2,506	2,020	1,687	1,428	2,048	2,380	2,096	2,112	575	-	16,852
4	M/s Hinopak Motors Ltd., Karachi	2,190	1,296	801	1,046	98	82	66	104	120	100	92	64	50	30	806
5	M/s Ghandhara Nissan Ltd., Karachi	468	431	989	1,481	180	244	232	106	243	232	370	155	78	8	1,848
6	M/s Ghandhara Industries Ltd., Karachi	3,717	2,027	2,148	3,908	143	196	245	216	199	184	150	168	171	28	1,700
7	M/s Master Motor Corporation, Karachi	1,255	368	1,048	1,199	86	63	67	64	40	33	78	51	63	33	578
8	M/s Afzal Motors (Pvt) Ltd., Karachi	99	59	81	58	-	4	-	-	-	2	-	-	1	-	7
9	M/s Daewoo Pak Motors (Pvt) Ltd., Karachi	193	83	59	43	2	3	2	1	3	1	-	-	2	4	18
10	M/s Bibojee Services (Pvt) Ltd., Karachi	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-
11	M/s PM Auto Industries, Karachi	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
11	M/s Al-Haj Faw Motors (Pvt) Ltd., Karachi	2,817	1,131	2,082	2,405	5	4	2	43	40	25	17	7	8	13	164
12	M/s Fuso Master Motors (Pvt) Ltd., Karachi	304	100	439	633	66	29	60	82	53	35	49	48	33	57	512
13	M/s Ghandhara DF (Pvt) Ltd., Karachi	614	235	133	145	-	-	24	-	24	35	6	31	37	10	167
14	M/s Regal Automobile Industries Ltd. Lahore	159	517	3,553	4,772	24	177	131	21	15	19	-	27	51	8	473
15	M/s United Motors (Pvt) Ltd., Lahore	1,305	330	408	344	4	30	39	-	-	-	-	7	4	2	86
16	M/s Foton JW Auto Park (Pvt) Ltd., Lahore	565	483	1,351	1,636	120	120	60	20	-	40	-	-	80	-	440
17	M/s Master Changan Motors Ltd., Karachi	299	1,735	7,076	19,872	1,159	1,108	1,021	788	555	781	381	486	305	375	6,959
18	M/s Lucky Motors Pakistan Ltd., Lahore	-	7,974	22,508	22,001	1,054	1,852	750	931	492	504	627	830	1,073	820	8,933
19	M/s Hyundai Nishat Motor (Pvt) Ltd., Lahore	-	703	5,818	13,469	1,471	2,000	737	980	102	264	961	883	699	589	8,686
20	M/s Sazgar Engineering Works Ltd., Lahore	-	-	12	462	23	37	183	112	171	218	238	269	117	103	1,471
21	M/s Al-Haj Automotive Ltd., Karachi	-	-	-	1,691	115	236	273	103	30	73	50	25	-	-	905
22	M/s Al-Haj Bus Co. Ltd., Karachi	-	-	-	5	-	4	5	5	3	1	-	2	-	-	20
23	M/s Khalid & Khalid Holdings, Mianwali	-	-	-	-	-	-	-	1	1	1	2	2	2	-	9
24	M/s MG JW Automobile Pakistan (Pvt) Ltd., Lahore	-	-	-	-	-	-	-	-	-	117	140	227	170	67	721
<b>GRAND TOTAL</b>		<b>256,586</b>	<b>125,904</b>	<b>224,278</b>	<b>330,611</b>	<b>20,519</b>	<b>17,055</b>	<b>12,542</b>	<b>15,612</b>	<b>19,755</b>	<b>18,393</b>	<b>11,662</b>	<b>9,534</b>	<b>10,210</b>	<b>6,664</b>	<b>141,946</b>

## Cars Prices Trend (Jan to June, 2023)

Currency Rate	\$ Rate (Jan-23)	\$ Rate (Feb-23)	\$ Rate (Mar-23)	\$ Rate (Apr-23)	\$ Rate (Apr-23)	% (Jan - Jun-23)
	1\$= Rs. 231.50	1\$= Rs. 258.49	1\$= Rs. 282.86	1\$= Rs. 283.79	1\$= Rs. 287.49	48%

### Pak Suzuki Motor Company Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Suzuki Alto 660 VX	1,859,000	2,144,000	2,144,000	2,251,000	2,251,000	21%
Suzuki Alto 660 VXR	2,156,000	2,487,000	2,487,000	2,612,000	2,612,000	21%
Suzuki Alto 660 VXR - AGS	2,310,000	2,665,000	2,665,000	2,799,000	2,799,000	21%
Suzuki Alto 660 VXL - AGS	2,423,000	2,795,000	2,795,000	2,935,000	2,935,000	21%
Suzuki Wagon-R VXR	2,629,000	3,062,000	3,062,000	3,214,000	3,214,000	22%
Suzuki Wagon-R VXL	2,789,000	3,248,000	3,248,000	3,412,000	3,412,000	22%
Suzuki Wagon-R AGS	3,059,000	3,563,000	3,563,000	3,741,000	3,741,000	22%
Suzuki Cultus VXR Euro II	3,039,000	3,540,000	3,540,000	3,718,000	3,718,000	22%
Suzuki Cultus VXL	3,339,000	3,889,000	3,889,000	4,084,000	4,084,000	22%
Suzuki Cultus AGS	3,569,000	4,157,000	4,157,000	4,366,000	4,366,000	22%
Suzuki Swift GL (New Model)	3,479,000	4,052,000	4,052,000	4,256,000	4,256,000	22%
Suzuki Swift GL-CVT (New Model)	3,742,000	4,355,000	4,355,000	4,574,000	4,574,000	22%
Suzuki Swift GL-CVT (Limited Edition)	3,450,000	3,450,000	3,450,000	3,450,000	3,450,000	0%
Suzuki Swift GLX-CVT (New Model)	4,115,000	4,725,000	4,725,000	4,960,000	4,960,000	21%
Suzuki Bolan Van (800 cc)	1,619,000	1,848,000	1,848,000	1,940,000	1,940,000	20%

[www.paksuzuki.com.pk](http://www.paksuzuki.com.pk)



### Indus Motor Company Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Corolla MT 1.6	4,939,000	5,576,000	6,169,000	6,169,000	6,169,000	25%
Corolla AT 1.6	5,369,000	6,111,000	6,769,000	6,769,000	6,769,000	26%
Corolla AT 1.6 SE	5,909,000	6,716,000	7,429,000	7,429,000	7,429,000	26%
Corolla X Altis CVT-i 1.8	5,639,000	6,423,000	7,119,000	7,119,000	7,119,000	26%
Corolla X Altis Grande CVT-i 1.8 (Beige Interior)	6,169,000	6,998,000	7,759,000	7,759,000	7,759,000	26%
Corolla X Altis Grande CVT-i 1.8 (Black Interior)	6,209,000	7,039,000	7,799,000	7,799,000	7,799,000	26%
Yaris GLI (1.3) GLI MT	3,819,000	4,316,000	4,499,000	4,499,000	4,499,000	18%



Yaris GLI (1.3) GLI CVT	4,069,000	4,588,000	4,789,000	4,789,000	4,789,000	18%
Yaris ATIV (1.3) MT	4,039,000	4,558,000	4,759,000	4,759,000	4,759,000	18%
Yaris ATIV (1.3) CVT	4,239,000	4,790,000	4,999,000	4,999,000	4,999,000	18%
Yaris ATIV X (1.5) MT	4,339,000	4,911,000	5,429,000	5,429,000	5,429,000	25%
Yaris ATIV X (1.5) CVT	4,609,000	5,213,000	5,769,000	5,769,000	5,769,000	25%
Hilux 4x2	5,959,000	6,787,000	7,099,000	7,099,000	7,099,000	19%
Hilux 4x2 S/C UPSPEC	5,989,000	6,817,000	7,129,000	7,129,000	7,129,000	19%
Hilux Deckless	5,529,000	6,282,000	6,569,000	6,569,000	6,569,000	19%
Hilux 4x4	7,879,000	8,985,000	9,419,000	9,419,000	9,419,000	20%
Hilux E	9,069,000	10,316,000	11,439,000	11,439,000	11,439,000	26%
Hilux 4x4 D/C REVO G MT	9,839,000	11,184,000	12,409,000	12,409,000	12,409,000	26%
Hilux 4x4 D/C REVO G AT	10,309,000	11,728,000	13,019,000	13,019,000	13,019,000	26%
Hilux 4x4 D/C REVO V AT	11,429,000	12,969,000	14,389,000	14,389,000	14,389,000	26%
Hilux 4x4 D/C REVO ROCCO	12,049,000	13,675,000	15,179,000	15,179,000	15,179,000	26%
Hilux 4x4 D/C REVO GR - S	0	0	0	0	16,149,000	#DIV/0!
FORTUNER SIGMA 4 (4X4 Hi)	15,099,000	17,175,000	19,079,000	19,079,000	19,079,000	26%
FORTUNER V (4X4 Hi Petrol)	14,319,000	16,297,000	18,099,000	18,099,000	18,099,000	26%
FORTUNER G (4X2 Std Petrol)	12,509,000	14,230,000	15,809,000	15,809,000	15,809,000	26%
FORTUNER GR-S 2755cc (4X4 Diesel)	0	0	0	0	21,089,000	#DIV/0!
FORTUNER Legender (4X4 Diesel)	15,909,000	18,112,000	20,129,000	20,129,000	20,129,000	27%

<http://www.toyota-indus.com>

#### Honda Atlas Cars Pakistan Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Honda Civic Car 2YN RS CVT YA8 ( Turbo) 1500cc	6,849,000	7,779,000	8,599,000	8,599,000	8,599,000	26%
Honda Civic Car 2YN VTI CVT YB7 ( Turbo) 1500cc	7,099,000	8,099,000	8,949,000	8,949,000	8,949,000	26%
Honda Civic Car 2YN VTI-B CVT YC7 ( Turbo) 1500cc	8,099,000	9,199,000	10,199,000	10,199,000	10,199,000	26%
Honda City 1.2 MT	4,069,000	4,579,000	4,779,000	4,779,000	4,779,000	17%
Honda City 1.2 CVT	4,199,000	4,729,000	4,929,000	4,929,000	4,929,000	17%
Honda City 1.5 CVT	4,499,000	5,019,000	5,549,000	5,549,000	5,549,000	23%
Honda City Aspire 1.5 MT	4,629,000	5,229,000	5,759,000	5,759,000	5,759,000	24%
Honda City Aspire 1.5 CVT	4,799,000	5,419,000	5,979,000	5,979,000	5,979,000	25%
Honda BRV i-VTEC S, SUV	5,299,000	5,949,000	6,529,000	6,529,000	6,529,000	23%
Honda HRV VTI, SUV	6,399,000	7,199,000	7,899,000	7,899,000	7,899,000	23%
Honda HRV VTI-S, SUV	6,599,000	7,399,000	8,199,000	8,199,000	8,199,000	24%

<https://honda.com.pk>

#### United Motors (Pvt) Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
United Bravo (800 cc)	1,519,000	1,519,000	1,519,000	1,519,000	1,519,000	0%
United Alpha (1000 cc)	1,769,000	1,769,000	1,769,000	1,769,000	1,849,000	5%

[unitedcars.com.pk](http://unitedcars.com.pk)



## Al Haj FAW Motors (Pvt) Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Faw V2	1,609,000	1,609,000	1,609,000	1,609,000	1,609,000	0%
Faw Van X-PV	1,304,000	1,304,000	1,304,000	1,304,000	1,304,000	0%

[alhafaw.com](http://alhafaw.com)



## Lucky Motor Corporation

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Kia Picanto 1.0 (MT)	3,100,000	3,228,000	3,300,000	3,350,000	3,350,000	8%
Kia Picanto 1.0 (AT)	3,200,000	3,430,000	3,550,000	3,625,000	3,625,000	13%
Kia Sportage 2.0 Alpha	5,999,000	6,650,000	7,050,000	7,050,000	7,050,000	18%
Kia Sportage 2.0 (FWD)	6,649,000	7,350,000	7,790,000	7,940,000	7,940,000	19%
Kia Sportage 2.0 (AWD)	7,149,000	7,900,000	8,370,000	8,570,000	8,570,000	20%
Kia Sportage Black Limited Edition	0	0	0	0	9,050,000	#DIV/0!
Kia Sorento 2.4 (FWD)	7,800,000	8,400,000	9,540,000	10,400,000	10,400,000	33%
Kia Sorento 2.4 (AWD)	8,500,000	9,178,000	10,390,000	10,890,000	11,300,000	33%
Kia Sorento 3.5 (FWD)	8,500,000	9,178,000	10,390,000	10,890,000	11,390,000	34%
Kia Stonic Ex	4,545,000	4,842,000	5,200,000	5,350,000	5,350,000	18%
Kia Stonic Ex +	4,848,000	5,295,000	5,730,000	5,930,000	5,930,000	22%
Peugeot 2008 Active SUV	5,400,000	5,950,000	6,840,000	6,840,000	6,840,000	27%
Peugeot 2008 Allure SUV	6,100,000	6,656,000	7,580,000	7,580,000	7,580,000	24%

[www.kia-luckymotorcorp.com](http://www.kia-luckymotorcorp.com)

## Hyundai Nishat Motor (Pvt) Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Hyundai Tucson 2.0 FWD A/T SUV	6,899,000	7,399,000	8,030,000	8,230,000	8,230,000	19%
Hyundai Tucson 2.0 AWD A/T SUV	7,399,000	7,899,000	8,659,000	8,859,000	8,859,000	20%
Hyundai Elantra 1.6 A/T Car	5,299,000	5,699,000	6,199,000	6,599,000	6,599,000	25%
Hyundai Elantra 2.0 A/T Car	5,699,000	6,099,000	6,730,000	7,130,000	7,130,000	25%
Hyundai Sonata 2.0 A/T Car	8,149,000	8,649,000	9,679,000	10,329,000	10,329,000	27%
Hyundai Sonata 2.5 A/T Car	8,899,000	9,399,000	10,530,000	11,280,000	11,280,000	27%

[www.hyundai-nishat.com](http://www.hyundai-nishat.com)

## MG JW Automobile Pakistan Pvt. Ltd

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
MG HS SUV (G.LUX) 1490cc-T 7DCT	-	-	-	-	8,699,000	0%

<https://mgmotors.com.pk>





#### Al Haj Automotive (Pvt) Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Proton Saga 1.3L MT	2,824,000	2,824,000	2,824,000	2,824,000	2,824,000	0%
Proton Saga 1.3L AT	2,999,000	3,299,000	3,299,000	3,299,000	3,299,000	10%
Proton Saga 1.3L AT Ace	3,149,000	3,149,000	3,149,000	3,149,000	3,149,000	0%
Proton X70 Executive AWD	6,740,000	6,740,000	6,740,000	6,740,000	6,740,000	0%
Proton X70 Premium FWD	7,190,000	7,190,000	7,190,000	7,190,000	7,190,000	0%

[proton.com.pk](http://proton.com.pk)

#### Regal Automobile Industries

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Prince (Pearl)	1,539,000	1,990,000	1,990,000	1,990,000	1,990,000	29%
Glory 580 1.5 CVT Turbo	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	0%
Glory 580 1.8 CVT	5,806,000	5,806,000	5,806,000	5,806,000	5,806,000	0%
Glory 580 Pro 1.5T	5,900,000	6,500,000	6,990,000	6,990,000	6,990,000	18%

[regalautomobiles.com](http://regalautomobiles.com)

#### Master Changan Motors Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Changan Alsvin 1.3 Comfort MT	3,394,000	3,929,000	4,149,000	4,149,000	4,149,000	22%
Changan Alsvin 1.5 Comfort DCT	3,649,000	4,239,000	4,699,000	4,699,000	4,699,000	29%
Changan Alsvin 1.5 Lumiere	3,844,000	4,599,000	4,999,000	4,999,000	4,999,000	30%
Oshan X7 Comfort, SUV	7,049,000	8,069,000	8,549,000	8,549,000	8,549,000	21%
Oshan X7 FutureSense, SUV	7,549,000	8,679,000	9,199,000	9,199,000	9,199,000	22%
Changan Karvaan MPV	2,419,000	2,779,000	2,779,000	2,779,000	2,779,000	15%
Changan Karvaan MPV Plus	2,569,000	2,929,000	2,999,000	2,999,000	2,999,000	17%

[www.changan.com.pk](http://www.changan.com.pk)

#### Sazgar Engineering Works Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Sazgar BAIC BJ40L	9,295,000	10,585,000	11,225,000	11,225,000	11,995,200	29%
Sazgar BAIC X25 M/T	0	0	0	0	0	0%
Sazgar BAIC X25 A/T	0	0	0	0	0	0%
Haval H6, SUV (1500cc Turbo, AT)	7,425,000	8,525,000	8,999,000	9,499,000	9,701,990	31%
Haval H6, 4WD, SUV (2000cc Turbo, AT)	8,499,000	9,749,000	10,349,000	10,849,000	11,215,500	32%
Haval H6, HEV, SUV	9,749,000	11,095,000	11,695,000	12,149,000	12,378,500	27%
Haval Jolion AT 1497cc Turbo Petrol	6,020,000	6,020,000	6,020,000	6,020,000	8,489,990	41%

[www.sazgarbaic.com](http://www.sazgarbaic.com)

#### Ghandhara Nissan Ltd.

Models	Jan-23	Feb-23	Mar-23	Apr-23	Jun-23	% (Jan-Jun-23)
Chery Tiggo 4 Pro DEX Plus 1.5T	5,499,000	6,099,000	6,099,000	6,399,000	6,399,000	16%
Chery Tiggo 8 Pro 1.6 DEX Plus	8,199,000	9,299,000	9,299,000	10,399,000	10,399,000	27%

<https://ghandharanissan.com.pk>

# LIST OF MOBILE DEVICE MANUFACTURING COMPANIES AUTHORIZED BY PTA

S.No	Company Name	Address
1	Young Tech Private Limited	Plot No 3, Street No W-4, Main Street, RCCI Industrial Estate, Rawat, Rawalpindi, Pakistan
2	A.S Telecom Private Limited	Plot B-18/32 Sector 6-F Mehran Town, Korangi, Karachi, Pakistan
3	Pole Communication Technology Pvt. Ltd	Main Water Land Park, Saggian Bypass Road, Nain Sukh, Lahore, Pakistan
4	Bazz Mobile Technologies Pvt Ltd	1.5 KM Defence Road Bhubatian Chowk, Raiwind Road, Lahore, Pakistan
5	Bellco Trading Company Pvt. Ltd	Khewat No. 25, 844 & 1649, Khatooni No. 373 To 374, 1111 & 2048, Khas, Khasra No 605 Min, 825 Min And 605/1 Min Mouza Raiwind, Iqbal Town, Lahore, Pakistan
6	G-Five Mobile Private Limited	12-KM Sheikhpura Road, Jamal Town, Kot Abdul Malik, Lahore, Pakistan
7	Coastal Jade Technology (Pvt.) Ltd.	Plot No.A-19 & A-20, Phase-IA, M-3 Industrial City, Faisalabad, Pakistan
8	Rawdas (Pvt.) Ltd.	Plot No. A/77-A, Manghopir Road, S.I.T.E. Area, Karachi, Pakistan
9	TranssionTeco Electronics (Pvt.) Ltd.	Plot No 21, Sector 24, Korangi Industrial Area, Karachi, Pakistan
10	TranssionTeco Electronics (Pvt.) Ltd.	Plot No 36, Sector 24, Korangi Industrial Area, Karachi, Pakistan
11	Inovi Telecom (Pvt.) Ltd.	Plot No 3, Sector 15, Main Korangi Industrial Area, Karachi, Pakistan
12	Infocom Gadgets Pvt Ltd	22 KM, Ferozepur Road, Plot 3/A, Street 3, Gajjumata stop, Near Nadir Chowk, Lahore
13	Deploy Private Limited	Plot B-8, 31/G Mehran Town, Karachi, Pakistan
14	Airlink Communication Limited	152-M, Quaid-e-Azam Industrial Estate, Kot Lakhpat, Lahore, Pakistan
15	Premier Code Private Limited	Plot 64, Sector 7-A, Korangi Industrial Area, Karachi, Pakistan
16	Alpha Enetwork (Pvt.) Ltd.	Plot No 118, Opposite Jamia Masjid Noor-ul-Islam, Al-Noor Industrial Zone, 20 KM Ferozpur Road, Lahore.
17	Exert Tech (Pvt.) Ltd.	70 CCA, 2nd Floor Commercial, Phase 8 (Ex -Parkview) DHA,Lahore.
18	S.S.H Telecom (SMC Pvt.) Ltd.	Plot No. ST 4/1, Sector 23, Korangi Industrial Area, Karachi.
19	Swift Biz Solutions (Pvt.) Ltd.	Plot 60C, Street 7, Industrial Area I-10/3, Islamabad
20	Teco Pack Electronics (Pvt.) Ltd.	Plot No.254-S, First Floor, Deh Dih Ebrahim Hyderi Korangi Creek, Karachi.
21	Club Mobile (Pvt.) Ltd.	S-41-R-24/A/2 Lawrence Road, Lahore
22	High Star Mobile (Pvt.) Ltd.	Dolphin Plaza near to Al Rehman Garden Main Sharqpur Road, TajMehal Marriage Hall, Ferozwala.
23	United Communication (Pvt.) Ltd.	Plot No.2190/A&B, Pir Elahi Bux (PIB) Colony, Karachi.
24	Lucky Motor Corporation Ltd.	Arabian Sea, Country Club Road, Bin Qasim Industrial Park (SEZ) Pakistan Steel Mills, Bin Qasim Town, Karachi
25	Faywa Trading (Pvt.) Ltd.	1st Floor Shaheen Building, Opposite Punjab Regiment Centre, Near Shell Petrol Pump, Malakand Road, Mardan
26	Enercom Technologies (Pvt.) Ltd.	Plot #LE-10-A8 , National Industrial Park. Korangi Creek, Karachi
27	Select Technologies (Pvt.) Ltd.	Select Technologies (Pvt.) Ltd. 152/1-M, Quaid-e-Azam Industrial Estate, Kot Lakhpat, Lahore
28	Pillar Infocom (Pvt.) Ltd.	F-298, 3rd Floor, S.I.T.E, Karachi West Site Town, Karachi
29	DB Link	Plot No.8, Bhatti Farm, Bahria Orchard, Raiwind Road, Lahore Pakistan
30	MOBO Mobile Pvt Ltd	Al Jannat Road Near Darbar Sharif Nathli Wali Sarkar Saggian Pul Bypass Road Near Police Choki Shahdra, Lahore Pakistan
31	Zeetell Communications (Pvt.) Ltd	Plot No.1, Al Jannat Road Saggian, By Pas, Shahdra, Near Chatta Plastic factory, Lahore, Pakistan
32	AM4Y International (Pvt.) Ltd	19-B, Queens Road, Lahore, Pakistan
33	Redway Innovation (Pvt.) Ltd	Office No. 2, Street No.1, Near Al-Falah Bank, Opposite Sheikh Maltoon Town, Main Nowshera Road, Mardan





## CUMULATIVE TREND OF MERCHANDIZE TRADE STATISTICS

Series	July - April, 2022 - 2023		July - April, 2021 - 2022		% Change in July - April, 2022 - 2023 over July - April, 2021 - 2022	
	Rs.	\$	Rs.	\$	Rs.	\$
Exports	5,559,474	23,181	4,553,181	26,247	22.10	-11.68
Imports	11,091,956	46,882	11,346,116	65,519	-2.24	-28.45
Balance of Trade	-5,532,482	-23,701	-6,792,935	-39,272	-18.56	-39.65

(Rupees in Million) (U.S. Dollars in Million)

Source: Pakistan Bureau of Statistics

\*Rupee Value converted into US Dollar on the basis of monthly Banks' Floating Average exchange rate provided by S.B.P. April, 2023 (1\$=Rs.284.945659) and April, 2022 (1\$=Rs.184.481334)



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