

## An Innovation Study for Analyzing the Nation's Electricity- Generating Amount & China Provinces GDP Changes through Sustainability

Run Xu<sup>1</sup>, Changfu Jin<sup>2</sup>, Boyong Hur<sup>1</sup>, Sugun Lim<sup>1</sup>, Yonggen Wu<sup>3</sup>, Wanhao Wu<sup>3</sup>, Junhao Xu<sup>4</sup>, Xiangying Zhu<sup>1</sup>, Huiling Jin<sup>1</sup>, Zhekui Quan<sup>1</sup>, Gonghai Yu<sup>5</sup>, Qinghua Xu<sup>5</sup>, Chunzi Xuan<sup>5</sup>, Mingji Xu<sup>5</sup>, Mingzhe Xu<sup>5</sup>, Changrun Xu<sup>5</sup>, Qionghua Xu<sup>5</sup>, Meihua Shen<sup>5</sup>, Ziniu Yu<sup>5</sup>, Yanjie Mu<sup>5</sup>

<sup>1</sup>Gyeongsang National University, School of Nano New Materials Engineering, Jinju 52828, Gyeongnam, South Korea

<sup>2</sup>Yanbian University, College of Engineering, Dept. of Agricultural Machinery, Yanji city 133000, Jilin Province, China

<sup>3</sup>Yantai University, Faculty of Electron-Mechanical &Automotive Engineering, Yantai 264005, Shandong Province, China

<sup>4</sup>Zhejiang Chinese Medical University, Clinical Medicine Department, Hangzhou 311402, Zhejiang Province, China

<sup>5</sup>Jizhou Healthy Life House, Yantai 264003, Shandong Province, China

\*Corresponding Author: Run Xu

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Article History	Abstract
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<b>Copyright © 2026 The Author(s):</b> This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial use provided the original author and source are credited.	
<b>Citation:</b> Run Xu, Changfu Jin, Boyong Hur, Sugun Lim, Yonggen Wu, Wanhao Wu, Junhao Xu, Xiangying Zhu, Huiling Jin, Zhekui Quan, Gonghai Yu, Qinghua Xu, Chunzi Xuan, Mingji Xu, Mingzhe Xu, Changrun Xu, Qionghua Xu, Meihua Shen, Ziniu Yu, Yanjie Mu. (2026). An Innovation Study for Analyzing the Nations Electricity- Generating Amount &China Provinces GDP Changes through Sustainability. UKR Journal of Multidisciplinary Studies (UKRJMS), 2(5). 129-134.	<p><i>The high-technology product is to change our life big due to its owning the humanoid-like mind with artificial intelligence technique designed by soft-engineer according to its meeting occasions. With using the neural net-work technique those robots enable to drive themselves to complete the 3D task like dirty difficult dangerous different adding the video model chip into controlled by themselves and human outsides for the sake of completing the impossible-man task. For example about Fukushima nuclear matter using small robots entered cabin to investigate the internal construction in the blast reaction-pile, which may be our pride &amp; pleasure. At the same time, the technique of electronic field will become an important factor to wield its influence in many aspects within agriculture manufacture tertiary industry that may help us to sense the automatic procedures now with adding the relevant computer and electronic communication will complete the blank page, maybe the artificial intelligence product will dominate the future promise business and industry definitely in light of trending situation. So that a lot of employees recruited from the university and institute might occupy more and more position in maker and colleges. So with some technique staffs will be more prevalent in research &amp; development department at maker teams. They will complete the soft-program design and development besides some of them proceed the hardware cultivation continuously from earth surface to space experiment with little gravity. Thereby, the high-technique experience and capacity will change the GDP three aspects largely in future which may boost GDP content with highness refinement edge sharpness etc. innovation techniques. On the other hand, the decreasing unemployment rate through erecting more makers in the society will be providing more work-opportunity for the sake of declining leisure labors and raising service quality and efficiency. So that the more graduates from universities may become important human resource to work for their designing process which could improve our economy increasing status in the end.</i></p> <p><b>Keywords:</b> an Innovation Study, analyzing the nations electricity-generating amount analysis, China Provinces GDP Changes, through Sustainability.</p>

### 1. Introduction

The high-technique product and skill will become more significant than ever because AI (artificial intelligence) technique replaces the automatic and man-work flow-lines

in a maker largely according to News report. So that those high-tech skill will transform into the product making ability may occupy a more important task for our scientist

and engineers to deal with. Therein, the many AI Robots have to enter the maker workshop to efficient work for men will be prevalent and low cost. At the same time, the AI Robot making makers will stand in the mount peak to proceed all kinds of experiment trials and expand those function software and hardware that may be instructed collaboratively by the university PhD who grasped some important message. Through contacting those cooperation experiment with parameters like temperature, time and deviation scope grasping conditions might be exhibited between them which may play an important effectiveness on how to produce the new product more precisely and having low-cost features. Another one will erect the product equipment like processing machine, automatic flow-equipment which may be depending on the out-source-enterprise with the demand condition. Then the scientists will give his opinions to the deviation endurance which makes the possible making capacity upwards and looks forwards to enduring more time without main error.

The tertiary industry would involve on service business like high-technique-service office for enterprises influence in one region whose making purchase order and complaint so as to request more orders from the maker in neighbor maker and sale centers. They will transfer message from the ultimate customer to factory for improving their some function continuously as a consultation company. On the other hand, the whole GDP increasement might influence the tertiary one reversely due to enough income could raise our consumption capacity, special in service business. However the which business we could proceed the GDP factors will be enhanced from their physical & brain labors. Thereby, whatever you pursued the certain dedication to our society progression at all.

At the end the tertiary one role is made strong more and more when seeing the GDP value, therefore more and more stores and offices will be allocated in city for the sake of acquiring more information about their products. Meantime, the special sale stores will be much than ever like Huawei handphone and i-pad even portable computer which is a high-light in a department lobby. Their aim at increasing sale amount is one aspect firstly, then sell EV etc. new concept electric auto is two one. As we knew the price difference between them might attain more than 50 times. So that the perspective will be watched special in the tertiary industry which may create more profitable mediate-life consumption less than ten years. Maybe after decade the humanoid robots would enter our life like family, coffee store & canteen in light of present tendency and development, so we might share the automatic time in advance. [1~27]

## 2. Discussions

The scientist who could be trained by university would have capability to finish the important task within defined experiment and theoretic explanation for his pursuit of research theme. So there would be some experiences and methods to process those difficult somewhat with independence and cooperation for both of occasions. Thereby, from their achievement papers published in high-impact journal and famous one the feasibility could be seen for us to make him to process the sophisticated item and projects. There might be so many chances to keep up with presently searching advanced theme that may have influence the high-technique making field in advance. So that the high-technology product will increase continually through the scientists judgment in terms of observing relevant material of GDP value in different regions within a certain period because the high-tech products amount affects the whole industrial chain for the sake of improving our total GDP amount. In near future, the robot in workshop and family is about to increase largely due to enhancing the mature performance of new functional one expose with lower cost and high efficiency and high-quality continuously. [28~30]

### 2.1 The nations electricity-generating amount analysis

The nations electricity-generating amount analysis might show 3.7 & 0.8 billion degree by USA & Russia correspondingly in 2000 to express USA strong economy capacity. The y-y value would indicate -2.3%~-4.8% by them accordingly exhibited their low and minus developed steps.

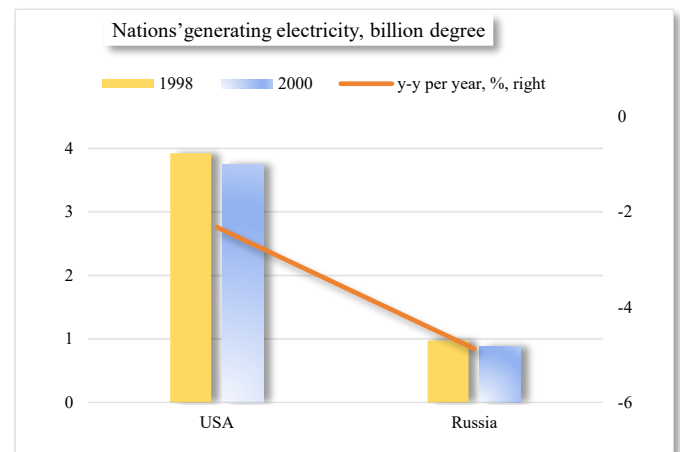


Figure 1 The nations electricity-generating amount analysis. [1]

On the other side, the nations electricity-generating amount analysis might show 1.5 & 0.4 billion degree by China & Britain correspondingly in 2000 to express China forwards economy capacity. The y-y value would indicate 9%~1.7% by them accordingly exhibited their moderate developed steps.

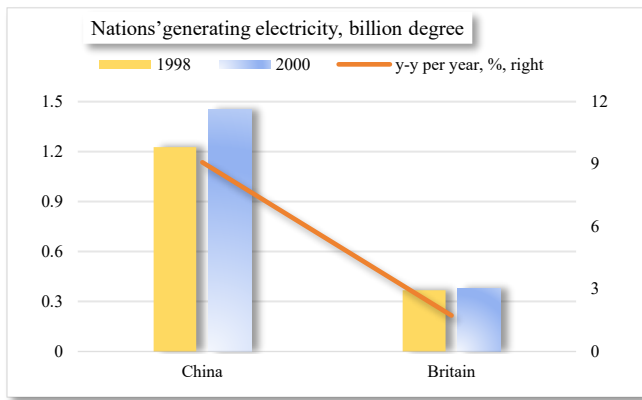


Figure 2 The nations electricity-generating amount analysis I. [1]

## 2.2 China provinces GDP changes

The Chinese provinces GDP analysis might show billion dollars 315~74 billion dollars by Taiwan~Sichuan ones correspondingly to express their upwards economy level in 2002 according to Figure 3 that attained beyond 4.3 times. The y-y value might exhibit around 4%~15.5% by them realized the Sichuan & Hebei with 16% upwards developed step situation.

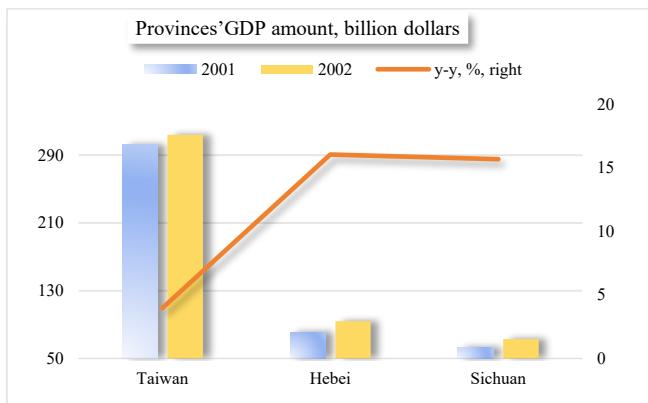


Figure 3 The China provinces GDP changes. [2]

On the other side, the Chinese provinces GDP analysis might show billion dollars 82.5~90 billion dollars by Liaoning~Shanghai ones correspondingly to express their upwards economy level in 2002 according to Figure 4. The y-y value might exhibit around 11%~17% by them realized their upwards developed step situation.

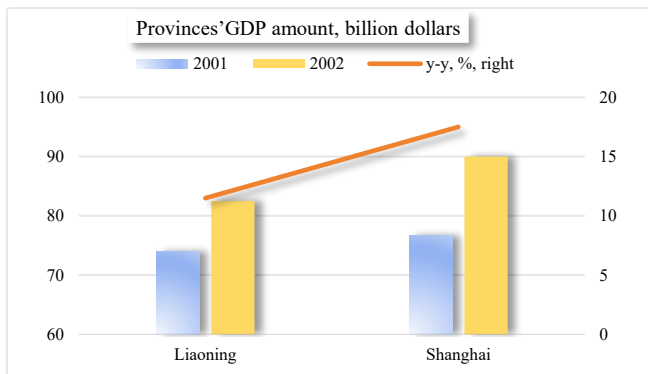


Figure 4 The China provinces GDP changes I. [2]

On the other hand, the Chinese Provinces' GDP amount might show 18 & 15 billion yuan by Hebei & Shanghai correspondingly in 1991 according to Figure 5 to indicate their moderate economy capacity. The y-y value might exhibit 53% & 27% by them accordingly exhibited their most forwards developed step then.

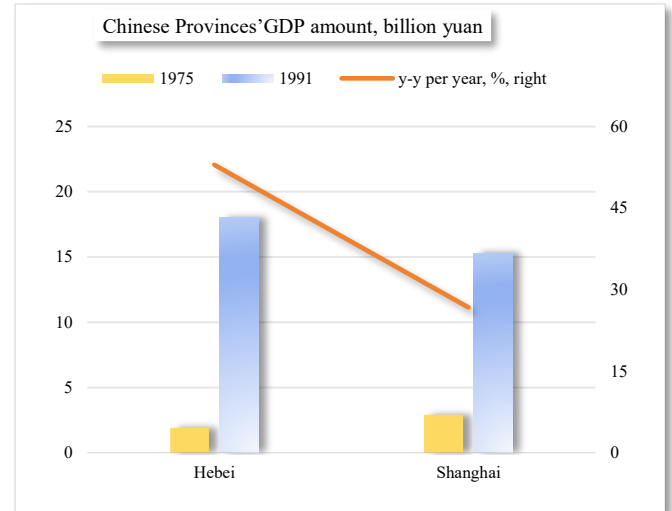


Figure 5 The Chinese provinces GDP analysis II. [2]

On the other hand, the Chinese Provinces' GDP amount might show 18 & 15 billion yuan by Sichuan & Henan correspondingly in 1991 according to Figure 6 to indicate their moderate economy capacity. The y-y value might exhibit 49% & 53% by them accordingly exhibited their most forwards developed step then.

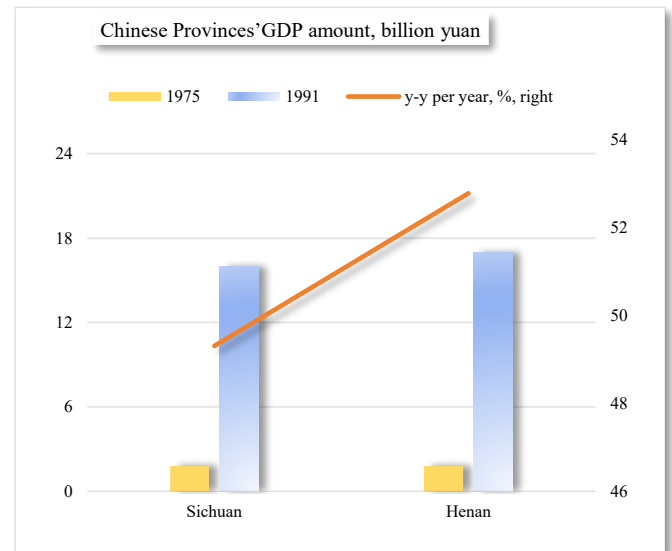


Figure 6 The Chinese provinces GDP analysis III. [2]

On the other side, the Chinese Provinces' GDP amount might show 20 & 29 billion yuan by Liaoning & Jiangsu correspondingly in 1991 according to Figure 7 to indicate Jiangsu strong economy capacity. The y-y value might exhibit 37% & 63% by them accordingly exhibited their most forwards developed step then.

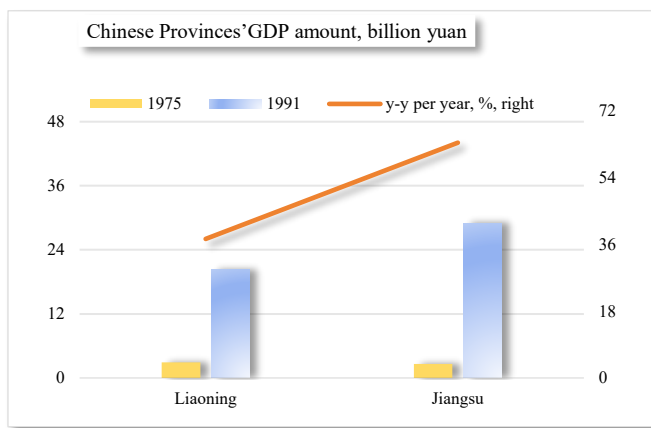


Figure 7 The Chinese provinces GDP analysis IV. [2]

Summarily, developing national GDP includes energy revolutions and financial boosting which represents a country dynamic and blood in deepening degree, therefore the industry reformation from capital intensive to technique intensity has to proceed with urgency and quickness. That course will experience many difficulties and barriers in front of our progression, the preparation working is necessary and important for our continuing endeavor and policy instruction from enterprise to government aspects. New energy one like wind turbine is a clean one from various air-pressure and temperature difference while photovoltaic absorbing photo energy from sun and moon which becomes a most important energy origin. Thereby, much nature energy will be absorbed to electric energy which transit into nearby and remote place for our family and factories to use. Due to lacking carbon composition those ones will be no-contaminating energy making the limited petroleum one to be replaced by them in near future.

### 3. Conclusions

The automatic time with high-intelligence electric product may exhibit in trial occasions for instance in expo & air-show exhibition where the most technological one is exposing too. From our atmosphere to space exploration many innovation products can be applied, so that the research & development division in maker will play an important role in transforming those immature substance performance published in CNS (cell, nature & science) etc. top journals describing the external and internal contained many measures to prove and narrate its achievement with some mathematical & experience formulas to approach its truth rule as for a defining materials and procedures which may result the eminent performance & demonstration for multi-functions. The reservation energy system as a new technique is to be searched for applying to airplane and vehicle & generating institution, therefore the new research direction would be proposed by scientists who proceeds in electric energy transforming chemical energy with renewable energy containing a little carbon fuel from the petroleum. The wind energy, photovoltaic energy adding

nuclear one & hydraulic energy will be reserved in a cabin for using in its need time ie. peak time. On the other hand, those high-technique skill and product must be affecting our daily live like electric-vehicle and electric-plane so as to improve our progression with raising the nation GDP eventually largely decade year later. Hence, the preliminary trial in university and makers should be processed from now on for the sake of promoting our basis and applied capacities. Meanwhile, the talent education enterprise may become key reservation force for our universities & makers and government to employ satisfied one sustainably due to finding its character. On the contrary, the GDP will influence our research & development level and capital since the more sponsorship may be allocated to those cutting-edge-field project and program.

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### Ethic Declaration

The authors declared that there were not conflicts of interest to disclose.

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