

# *Giz Galasi Dam*

**Giz Galasi Dam** (Azerbaijani: *Qız Qalası SES*, Persian: سد قیز قلعه‌سی) is an embankment dam on the Aras River straddling the international border between Azerbaijan and Iran.<sup>[2]</sup> It is located in Jabrayil District, Azerbaijan, and Khoda Afarin County, East Azerbaijan Province, Iran, 12 km (7.5 mi) downstream of the Khoda Afarin Dam.<sup>[1]</sup> Built both to generate electricity and to irrigate the plains in the region, it is the third joint Azerbaijan–Iran project on the Aras River.<sup>[3]</sup> The Giz Galasi Reservoir will provide 12,000 hectares (30,000 acres) of land with water.<sup>[4]</sup>



Iham Aliyev and Ebrahim Raisi  
inaugurating the dam on 19 May 2024

## History

---

The main goals of building the Giz Galasi Dam were hydroelectric power production and irrigation. The project was developed with the agreement between the Soviet Union and Iran in

October 1977. The project was completed in 1982.<sup>[5]</sup>

In 1993, the area where the dam was to be built was occupied by the Republic of Nagorno-Karabakh.

Between 28 June and 2 July 1994, during the first official visit of the President of Azerbaijan Heydar Aliyev to Iran, a memorandum on the implementation of the project was signed.<sup>[6]</sup>

In February 2016, the governments of Azerbaijan and Iran signed an agreement on cooperation in the field of construction, operation, use of energy and water resources of the Khoda Afarin and the Giz Galasi reservoirs.<sup>[7][8]</sup>

On 18 October 2020, Azerbaijan returned control over its side of the dam.<sup>[9]</sup>

On 19 May 2024, President of Azerbaijan Ilham Aliyev and President of Iran Ebrahim Raisi met at the site of the Giz Galasi hydroelectric complex to inaugurate it, in addition to commissioning the Khoda Afarin hydroelectric complex.<sup>[10][11]</sup> Later that day Raisi and other high-ranking Iranian officials died in a helicopter crash on their way to Tabriz.<sup>[12]</sup>

## Giz Galasi Dam



## Giz Galasi Dam in May 2024



## Location of Giz Galasi Dam in Azerbaijan

<b>Official name</b>	<i>Qız Qalası</i> <i>SES, سد</i>
----------------------	-------------------------------------

# Specifications

The dam has a crest length of 834 metres (2,736 ft) and a height of 37 metres (121 ft).

The reservoir has the capacity of 62 million m<sup>3</sup>. The spillway capacity is 3440 m<sup>3</sup>/s.<sup>[1]</sup>

## See also

- [List of power stations in Azerbaijan](#)
- [List of power stations in Iran](#)
- [Dams in Iran](#)

## References

<sup>[1]</sup> *Cheferzedeh*

قیز  
قلعه‌سی

**Country** [Azerbaijan](#) / [Iran](#)

**Location** [Jabrayil](#)  
[District](#) /  
[Khoda](#)  
[Afarin](#)  
[County](#),  
East  
Azerbaijan  
Province

**Coordinates** [39°10′4](#)  
[47°01′5](#)  
[.\(https://](https://ack.tool.org/geo)  
[ack.tool](#)  
[org/geo](#)

1. *Ghajarzadeh, Yousef (16 May 2024). "Grand Border Project of Iran and Azerbaijan; A Symbol of Iranian Engineers' Capability and Realization of Water Diplomacy" (<https://en.irna.ir/news/85479381/Grand-Border-Project-of-Iran-and-Azerbaijan-A-Symbol-of-Iranian>) . IRNA.*

[php?page=39&name=Gizsi\\_Dam&ms=39\\_5.6\\_N\\_458.57\\_Elandma](#)

**Status** Operational

**Opening date** 19 May 2024

**Owner(s)** Azərenerji ASC / East Azerbaijan Regional

2. "'Qiz Qalasi Dam symbol of Iran-Azerbaijan friendship'" (<https://en.irna.ir/news/85481567/Qiz-Qalasi-Dam-symbol-of-Iran-Azerbaijan-friendship>) . IRNA. 19 May 2024. Retrieved 20 May 2024.

	Water Authority
<b>Dam and spillways</b>	
<b><u>Type of dam</u></b>	Earth-fill embank
<b>Impounds</b>	<u>Aras River</u>
<b>Height</b>	37 metres (121 ft) <sup>[1]</sup>
<b>Length</b>	834 metres (2,736 ft) <sup>[1]</sup>
<b>Spillway capacity</b>	34 m <sup>3</sup>

3. "Qiz-Qalasi Dam symbol of cooperation between Tehran, Baku" (<https://en.mehrnews.com/news/215356/Qiz-Qalasi-Dam-symbol-of-cooperation-between-Tehran-Baku>) . Mehr News Agency. 19 May 2024.

<b>Reservoir</b>	
<b>Creates</b>	<u>Giz Galasi Reservoir</u>
<b>Total capacity</b>	62 million m <sup>3</sup> [1]
<b>Power Station</b>	
<b><u>Installed capacity</u></b>	2 × 40

4. *"İran Qız Qalası su anbarından istifadəyə hazırlaşır"* (<https://az.trend.az/other/world/3338980.html>) . *Trend.Az (in Azerbaijani)*. 23 November 2020. Retrieved 5 September 2021.
5. *"Reducing Transboundary Degradation in the Kura-Ara(k)s River Basin (updated transboundary diagnostic analysis)"* ([http://iwlearn.net/iw-projects/1375/reports/Iran\\_TDA\\_final.pdf](http://iwlearn.net/iw-projects/1375/reports/Iran_TDA_final.pdf)) (PDF). Tbilisi, Georgia; Baku, Azerbaijan; Yerevan, Armenia. September 2013.

6. Ordu; Ordu. "Tural Gəncəliyev: "Xudafərin" və "Qız Qalası" su qovşaqları ilə bağlı məsələ ən yüksək səviyyədə tənzimlənir" (<https://ordu.az/az/news/164852/tural-genceliyev--xudafarin-ve-qiz-qalasi-su-qovsaqlari-ile-baglimesele-en-yuksek-seviyyede-tenzimlenir>) [Tural Ganjaliyev: "Khudafarin" and "Giz Galasi" the issue of water nodes is regulated at the highest level]. Ordu.Az. Retrieved 5 September 2021.



7. " "Azərbaycan Respublikası Hökuməti ilə İran İslam Respublikası Hökuməti arasında Araz çayı üzərində "Xudafərin" və "Qız Qalası" hidroqovşaqlarının və su elektrik stansiyalarının tikintisinin davam etdirilməsi, istismarı, energetika və su ehtiyatlarından istifadə sahəsində əməkdaşlıq haqqında" Sazişin təsdiq edilməsi barədə" (<http://www.e-qanun.az/framework/33288>) [Regarding the approval of the Agreement between the Government of the Republic of Azerbaijan and the Government of the Islamic Republic of Iran on the continuation of the construction, operation, and use of energy and water resources of the "Khudafarin" and "Giz Galasi" hydroelectric stations and

*hydropower plants on the Araz River" Send feedback]. [www.e-qanun.az](http://www.e-qanun.az). Retrieved 5 September 2021.*

8. *" "Xudafərin" və "Qız Qalası" hidroqovşaqları və SES-lərinin tikintisinin davam etdirilməsinə dair mühüm Saziş" ([https://azertag.az/xeber/Xudaferin\\_ve\\_Qiz\\_Qalasi\\_hidroqovsaqlari\\_ve\\_SES\\_lerinin\\_tikintisinin\\_davam\\_etdirilmesine\\_dair\\_muhum\\_Sazis-930319](https://azertag.az/xeber/Xudaferin_ve_Qiz_Qalasi_hidroqovsaqlari_ve_SES_lerinin_tikintisinin_davam_etdirilmesine_dair_muhum_Sazis-930319)) [Important Agreement on the continuation of the construction of "Khudaferin" and "Giz Galasi" hydroelectric stations and HPPs]. [azertag.az](http://azertag.az) (in Azerbaijani). Retrieved 5 September 2021.*

9. *Азербайджан взял под контроль Худаферинский мост в Карабахе, заявил Алиев (<https://ria.ru/20201018/azerbaydzh-an-1580366141.html>) [Azerbaijan took control of the Khudaferin Bridge in Karabakh, Aliyev said] (in Russian). RIA Novosti. 18 October 2020. Retrieved 18 October 2020.*
10. *"Qiz-Qalasi Dam symbol of cooperation between Tehran, Baku" (<https://en.mehrnews.com/news/215356/Qiz-Qalasi-Dam-symbol-of-cooperation-between-Tehran-Baku>) . Mehr News Agency. 19 May 2024.*

11. *"Azerbaijan, Iran inaugurate Giz Galasi hydroelectric complex on Aras River" (<https://www.yenisafak.com/en/news/azerbaijan-iran-inaugurate-giz-galasi-hydroelectric-complex-on-aras-river-3683827>) . Yeni Şafak. 19 May 2024.*
12. *"Iranian President Ebrahim Raisi confirmed dead in helicopter crash" (<https://www.dawn.com/news/1834599>) . DAWN.COM. 20 May 2024. Retrieved 20 May 2024.*

## External links

---

- [Открытие гидроузла «Гыз Галасы» \(<https://ru.irna.ir/photo/85482407/%D0%9E%D1%82%D0%BA%D1%80%D1%8B%D1%82%D0%B8%D0%B5-%D0%B3%D0%B>](https://ru.irna.ir/photo/85482407/%D0%9E%D1%82%D0%BA%D1%80%D1%8B%D1%82%D0%B8%D0%B5-%D0%B3%D0%B)

[8%D0%B4%D1%80%D0%BE%D1%83%D0%B7%D0%BB%D0%B0-%D0%93%D1%8B%D0%B7-%D0%93%D0%B0%D0%BB%D0%B0%D1%81%D1%8B](#). (in Russian) —

photos of the dam and its surroundings

- [Inauguration of "Qizqaleh Si" Dam](https://en.irna.ir/photo/85482441/Inauguration-of-Qizqaleh-Si-Dam) (<https://en.irna.ir/photo/85482441/Inauguration-of-Qizqaleh-Si-Dam>). — photos from the inauguration ceremony
- 🌐 Media related to [Giz Galasi Dam](#) at Wikimedia Commons

**Portals:**     [Azerbaijan](#)     [Iran](#)  
 [Water](#)  
 [Renewable energy](#).

Retrieved from

"[https://en.wikipedia.org/w/index.php?title=Giz\\_Galasi\\_Dam&oldid=1225300267](https://en.wikipedia.org/w/index.php?title=Giz_Galasi_Dam&oldid=1225300267)"

---

WIKIPEDIA

This page was last edited on 23 May 2024, at 15:43 (UTC). •

Content is available under [CC BY-SA 4.0](#) unless otherwise noted.