

To the press and whom it may concern,

September 2, 2019
Hankyu Corporation
Osaka Gas Co., Ltd.

Hankyu Corporation and Osaka Gas Cooperate to Help Prevent Global Warming
by Offering Takarazuka Grand Theater Carbon Offset Performance!

《 Offered Performance 》

■ Takarazuka Revue Cosmos Troupe Performance 44 Performances

Performance period: Friday, November 15 to Sunday, December 15, 2019

Takarazuka Musical Romance "El Japón – The Samurai of España –"

Show too Cool "Aquavitae!!" – Water of Life–

Hankyu Corporation (President: Takehiro Sugiyama) and Osaka Gas Co., Ltd. (President: Takehiro Honjo) will offer carbon offset performances at Takarazuka Grand Theater, using the J-Credit Scheme,^{*1} a government-run system for certifying the reduction of greenhouse gas emissions to offset all the CO₂ emitted during the performance period. This marks the sixth such effort that started through the cooperation of both companies in 2014.



Takarazuka Grand Theater

The carbon offset performance at Takarazuka Grand Theater aims to offset all the CO₂ emitted during the performance period using the carbon credits obtained by Osaka Gas from companies in Hyogo Prefecture as part of the Hyogo Prefecture CO₂ Reduction Cooperation Project.^{*2} Through this effort, the CO₂ emissions from this performance will become net zero. The amount of CO₂ emissions reduced by this effort is estimated to be approximately 550 to 600 t-CO₂, equal to the yearly emissions from 140 to 150 households.

We hope to help increase the interest of many customers in preventing global warming by offering them with opportunities to watch this performance that will produce net zero CO₂ emissions. Accordingly, Osaka Gas plans to invite 25 pairs of customers (50 persons) selected by drawing to the performance that starts at 15:00 on Sunday, December 8, 2019. We will start accepting entries for the drawing on the Osaka Gas website (URL in Japanese: <https://ene.osakagas.co.jp/carbonoffset/>) on Monday, September 2, 2019.

Hankyu Corporation promotes various measures against global warming at Takarazuka Grand Theater. These efforts include reducing electricity consumption in the theater by using LED lighting equipment, and contributing to leveling electricity demands by adopting a high efficiency gas air-conditioning system^{*3} that uses

natural gas, a clean energy source emitting less CO₂. Meanwhile, Osaka Gas promotes the introduction of high-efficiency gas cogeneration systems*4 or gas air-conditioning systems into enterprises to help them reduce their CO₂ emissions and create carbon credits.

Hankyu Corporation and Osaka Gas strive to actively contribute to society through various efforts to reduce environmental burdens, such as CO₂ emissions.

Glossary

- *1 Under the J-Credit Scheme, the Japanese government certifies as credits the amounts of CO₂ and other greenhouse gas emissions reduced or removed through efforts to introduce energy-saving devices or promote forest management. The credits generated under this scheme may be used to achieve the targets of action plans toward creating a low-carbon society, to offset carbon emissions, and many other applications.
(J-Credit Scheme website: <https://japancredit.go.jp/english/>)
- *2 In the Hyogo Prefecture CO₂ Reduction Cooperation Project, large businesses in Hyogo Prefecture help small and medium-size enterprises (SMEs) in the prefecture by providing them with technologies and funds required for renewing equipment and other purposes. The amount of CO₂ reduced at the SMEs due to such renewals is then transferred to larger businesses using the J-Credit Scheme.
- *3 A gas air-conditioning system is classified as two types, gas engine heat pump (GHP) and gas absorption chiller-heater (natural chiller). At Takarazuka Grand Theater, a gas absorption chiller-heater is used.
Gas engine heat pump (GHP): A gas heat pump air conditioner that drives a compressor using a gas engine as the power source, providing air conditioning through the operation of the heat pump
Gas absorption chiller-heater (natural chiller): An air-cooling system that operates using the principle that water absorbs the surrounding heat when evaporating
- *4 A gas cogeneration system saves energy by generating electricity using gas while using the generated exhaust heat efficiently for air conditioning and supplying hot water. There are three types of gas cogeneration systems: gas engine type, gas turbine type, and fuel cell type. For residential use, we offer ECOWILL (gas engine type) and ENEFARM (fuel cell type).

■ Contents of Takarazuka Grand Theater Carbon Offset Performance

- Takarazuka Revue Cosmos Troupe Performance at Takarazuka Grand Theater
(Performance period: Friday, November 15 to Sunday, December 15, 2019)

Takarazuka Musical Romance “El Japón” Written and directed by Takuji Ono

In the southern Spanish town of Coria del Rio, there live people who use the surname *Japón* (Japan) identifying them as descendants of *samurai*. Why does a legendary story of samurai still live on in a distant foreign land? This is a heroic and cheerful entertainment show that depicts a samurai warrior of the Sendai clan dispatched as a member of the Keicho-era mission to Europe, vividly portraying his samurai spirit and his encounter with the foreign culture.

In Keicho 18 (1613), the Sendai clan dispatched a mission to Europe, including Harumichi Kamata, a master of Musogon-style swordsmanship. After nearly one-year of sailing, the mission arrived at its destination, Spain (España). However, negotiations with King Phillip III were deadlocked, and so the mission members had to idle their time away in Coria del Rio, located in a suburb of Seville, a harbor town. One day, Harumichi saved a Japanese girl who had escaped after being sold to a farm as a slave, and met Catalina, a woman who was running an inn, while searching for a place to hide the girl. Catalina was a strong, dignified woman, never yielding to the threats of a powerful farm owner in the neighborhood who had a wicked desire to seduce her. She reminded Harumichi of a woman he had been attracted to in the past. Finally, the mission fulfilled its duty, and the day of their departure was approaching. Just before setting sail to return to Japan, however, Harumichi received news that Catalina had been attacked.

Show too Cool “aquavitae !!” Written and directed by Daisuke Fujii

This show is produced based on the theme “whisky,” which is an aromatic, flavorful alcoholic drink for adults. Playing in various scenes inspired by unique whiskies, the stylish and cool-looking top star, Suzuho Makaze, and Cosmos troupe members will put on a great show with their colorful, brilliant appeals.



From “El Japón”

Leading role: Suzuho Makaze
Takarazuka Revue Company©