**Offer Proposal for Koshidaka HOLDINGS**

**Enhancing Sustainability & Energy Efficiency in Karaoke Rooms**

### **Recommended Products & Installation Per Room**

Given the noise levels in karaoke rooms—ranging from 50 decibels (when unoccupied) to 70-90 decibels (during singing, especially near speakers)—we recommend the following solutions to optimize energy efficiency and sustainability:

1. **Sound Energy Harvesters (1-2 per room)**
   * Placed near speakers and walls to capture acoustic energy generated by singing and music.
   * Expected Power Output: 0.5 - 1.5W per unit
2. **Vibration Energy Harvesters (1-2 per room)**
   * Installed under flooring, seating, and tables to capture foot-tapping and movement energy.
   * Expected Power Output: 1 - 3W per unit
3. **Integrated Smart Monitoring System**
   * Provides real-time insights into the power harvested and cost savings.

**Total Estimated Devices Per Room: 2-4 units  
Total Estimated Devices for Entire Store (48 Rooms): 96-192 units  
Total Expected Power Output Per Room: 1.5 - 6W  
Total Expected Output Per Store: 72 - 288W**

### **Key Benefits for Koshidaka HOLDINGS**

#### **1. Reduce Electricity Costs & Improve Energy Efficiency**

* Convert excess sound and vibration energy into usable electricity.
* Lower power consumption across multiple karaoke rooms.
* Reduce operational costs across 664+ stores in Japan and 22+ stores in Southeast Asia.

#### **2. Strengthen Sustainability & Brand Image**

* Establish Koshidaka as an eco-conscious entertainment leader.
* Attract environmentally aware customers and investors.
* Gain a competitive edge by marketing eco-friendly karaoke experiences.

#### **3. Unlock Government Incentives & Carbon Credit Opportunities**

* Qualify for renewable energy subsidies and tax benefits.
* Improve overall ESG (Environmental, Social, Governance) scores.
* Strengthen long-term sustainability goals.

#### **4. Enhance Customer Experience & Engagement**

* Introduce a "Sing & Generate Power" feature that displays real-time energy contributions.
* Offer gamification elements, such as discounts or loyalty rewards, based on energy generated per session.
* Increase customer engagement by making karaoke experiences more interactive and rewarding.

### **Conclusion**

By implementing sound and vibration energy harvesting technology, Koshidaka HOLDINGS can significantly reduce electricity costs, enhance its brand image, and provide a unique, interactive experience for customers. This initiative aligns with sustainability goals while potentially unlocking financial incentives through energy efficiency programs.

We look forward to discussing how we can support Koshidaka HOLDINGS in making their karaoke rooms more energy-efficient and sustainable.