

## Concept Scoring Worksheet

Team Name Group 3

Date 7/11/22

		Concepts											
		Soln 1 (private hangar)		Soln 2(universal hanger)		Soln 3 (subsidy package)		Soln 4 (energy generation & storage)		Soln 5 (Failback generation guideline)		Combo of 4 and 5	
Selection Criteria	Weight (%)	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted score
1. cost	10%	3.6	0.36	3.8	0.38	4.4	0.44	2.6	0.26	2.8	0.28	2.7	0.27
2. environmentally-friendly	20%	2.8	0.56	3	0.6	2.8	0.56	3.6	0.72	3.6	0.72	3.6	0.72
3. feasibility	5%	3.6	0.18	3	0.15	3.2	0.16	3	0.15	3.2	0.16	3.1	0.155
4. maintenance requirements	5%	3	0.15	3.2	0.16	3.8	0.19	3.4	0.17	3	0.15	3.2	0.16
5. time to get up and running (co	3%	3.6	0.108	3.6	0.108	3.2	0.096	2.6	0.078	2.4	0.072	2.5	0.075
6. safety	25%	3.4	0.85	2.8	0.7	3.8	0.95	3.2	0.8	3.4	0.85	3.3	0.825
7. public-opinion	7%	3.6	0.252	3.2	0.224	2.6	0.182	4	0.28	3.8	0.266	3.9	0.273
8. market-size	10%	3.4	0.34	2.6	0.26	2.8	0.28	3.6	0.36	4.2	0.42	3.9	0.39
9. low-risk investment (5 is lowes	12%	3.6	0.432	3.2	0.384	2.8	0.336	3.6	0.432	4.4	0.528	4	0.48
10. ease of operation	3%	3.4	0.102	2.2	0.066	3.2	0.096	3	0.09	2.8	0.084	2.9	0.087
Total Score		3.334		3.032		3.29		3.34		3.53		3.435	
Rank													
Continue?													

Notes:

**NOTE: Pick an idea to serve as the reference for EACH selection criteria.**

**For example:**  
 maybe Idea 1 is the reference for Criteria 1  
 maybe idea 2 is the reference for Criteria 2  
 maybe idea 1 is ALSO the reference for Criteria 1

Rating  
 1 - Much worse than reference  
 2 -Worse than reference  
 3 - Same as reference  
 4 - Better than reference