



**Energy Storage System Committee Meeting**

**13 Sep 2022  
3.00 – 4.47 pm**

**SEAS Office @ Sky Park  
180 Kitchener Road, #06-10 City Square Mall, Singapore 208539**

No	Name	Company	Signature
1	Peter Ng	Narada Asia Pacific Pte Ltd	Present
2	Stephen Poulson	Adjacent Independent	Present
3	Eugene Quek	AGC Asia Pacific Pte Ltd	Present
4	Sandra Seah	Bird & Bird ATMD LLP	Present
5	Gwen Chua	Blue Leaf Energy Asia Pte Ltd	AWA
6	Viktor Dancza	Blue Leaf Energy Asia Pte Ltd	Present
7	Eng Yew Yeoh	Bureau Veritas Singapore	Present
8	Koon Siang Ng	C&W Services	Present
9	BT Sim	CSA Group Test and Certification Singapore Pte. Ltd.	AWA
10	YZ Law	Durapower Technology (Singapore) Pte Ltd	Present
11	Yukino Utada	Durapower Technology (Singapore) Pte Ltd	Present
12	Douglas Duncan	Durapower Technology (Singapore) Pte Ltd	AWA
13	Laurence Kwan	EDPR-Sunseap APAC	Present
14	Joseph Tan	Energreen Technologies Pte Ltd	Present
15	Jeanette Lim	Energy Market Authority	Present
16	Chia Hong Gwee	Energy Market Authority	Present
17	Violet Chen	Energy Market Authority	AWA
18	Hans van Mameren	Energy-Renewed Pte Ltd	Present
19	Adam Toh	Fracio Pte Ltd	Present

20	Schen Quek	Fuji Bridex Pte Ltd	Present
21	michael boey	Fuji Bridex Pte Ltd	AWA
22	Christopher Kwok	Fuji Bridex Pte Ltd	Present
23	Rizky Wirawan Pratama	Gurin Energy Pte Ltd	AWA
24	Oman Singh	Hero Future Energies	AWA
25	Abhishek Kaul	IBM	AWA
26	Jean Gourp	John Cockerill	Present
27	Thiagu Visvalingam	LYS Energy Group	Present
28	Ya LV	Maxeon Solar	Present
29	Ignatius Hwang	McDermott Will & Emery Singapore LLP	AWA
30	Andrew Koh	Megawatts Sustainable Energy Pte Ltd	Present
31	Sugiyanto Soh	Murata Electronics Singapore Pte Ltd	Present
32	Han Ren Koy	Murata Electronics Singapore Pte Ltd	AWA
33	Yeo Sue Jan	Nippon Koei Co. Ltd	Present
34	Abdul Rashid Abdul Wahid	Nippon Koei Co. Ltd. Singapore Branch	Present
35	Kento Miyake	Osaka Gas Singapore Pte. Ltd.	Present
36	Tri Le	PSC Consulting	Present
37	Sunil Kumar	SIEMENS Energy Pte Ltd	AWA
38	Elsa Feng	Singapore Institute of Technology (SIT)	Present
39	Chi Jin	Sun Cable Service Pte. Ltd.	Present
40	Kai Won Then	Sunseap Group Pte Ltd	Present
41	Sivaprakash Selvarajoo	TOS GLOBAL SINGAPORE SERVICES PTE. LTD	Present
42	Henry Eu	Trina Solar	Present
43	Ramesh Kumar	TUV SUD PSB PTE LTD	Present
44	Joseph Xia	TUV SUD PSB PTE LTD	Present
45	Amy Sim	UL Standards & Engagement	Present
46	Avani Garg	Wartsila Singapore Pte Ltd	AWA

47	Nicolas Leong	Wartsila Singapore Pte Ltd	AWA
48	Ishak Kadir	X2 Energy Pte Ltd	Present
49	Allan Chin	X2 Energy Pte Ltd	Present
50	Kent Toh		Present

	Description	Action By
1.	<p><u>Welcome by Secretariat, Kavita Gandhi, Executive Director, SEAS and the Energy Storage System Working Group Chairman, Peter Ng</u></p> <p>Kavita Gandhi (KG) opened the meeting and welcomed everyone to the meeting. Peter Ng (PN) introduced himself and went through the agenda and introduced the speakers.</p>	
3	<p><u>Member sharing by Mr. Kai Won Then (KWT), ESS Engineer, EDPR Sunseap</u></p> <p>KWT then shared about the BESS testbed by Sunseap, which was jointly funded by EMA and SP Group. The testbed was at a capacity of 2.4MW/2.4MWh, located at Woodlands. It was the first utility scale grid-tied BESS in Singapore. Their experience from pre-installation design until the commissioning phase was shared.</p>	
4	<p><u>Presentation by Ms Amy Sim (AS), Senior Standards Specialist, ASEAN, Japan, Korea &amp; Australasia from UL</u></p> <p>AS announced their new brands with three organizations, one shared mission: UL Research Institutes, UL Standards &amp; Engagement and UL Solutions. Next, she shared about the UL standards applicable to the Clean Energy Value Chain example: UL9540 and 9540A; and Repurposing Batteries &amp; Circular Economy, example: UL1974. She also shared on the free digital view of UL standards to raise awareness.</p>	
5	<p><u>Update by Secretariat, Kavita Gandhi, Executive Director, SEAS</u></p> <p>Kavita (KG) introduced and updated the members on SEAS past activities, including the recent energy storage event – a joint SEAS and Singapore Battery Consortium (SBC) Battery Meeting held last February. KG also shared the upcoming training programme, and Asia Clean Energy Summit will be held from 26-28 October. KG encouraged members who would like to visit ACES exhibition with/ without ticket. Chairman PN encouraged non-member to join as member and to members to provide feedback and expertise to see if it is relevant to SEAS working group.</p> <p>Regards to SCDF, KG suggests for members to share their concerns or case with SEAS at admin@seas.org.sg, to consolidate first and bring up to SCDF.</p>	

4	<p><u>Sharing on WSQ ESS Training &amp; Closing by Peter Ng</u></p> <p>Chairman PN shared his contribution as SEAS member with his ESS expertise to give WSQ training to SEAS participants. Lastly, Chairman closed the meeting and encouraged all to share their ideas and think of what members would like to see further in the ecosystem and how they can contribute to various areas.</p>	
---	--	--

Recorded by : Chong Fui Chin

Vetted by : Kavita Gandhi

Approved by : Peter Ng