



J. Noak et al., Energy 2.0-Kompodium 2009
www.energy20.net

DATEN VON REDOX-FLOW-BATTERIEN

Redox-Flow-System	Energiedichte Elektrolyt [Wh/l]	Stromdichte [mA/cm ²]	Arbeitsbereich [°C]	DC-Wirkungs- grad*
Eisen-Chrom	40	100	5 - 60	75 %
Zink-Brom	96	> 100	20 - 50	65 - 75 %
Polysulfid-Bromid	80	60		60 - 75 %
Vanadium-Vanadium	30	80	0 - 40	70 - 86 %
Vanadium-Bromid	35 - 70			66 - 75 %



FIGURE 2.2: Sumitomo and SDG&E's redox Flow Battery.
Credit Sumitomo

2 MW / 8 MWh vanadium redox flow battery,
San Diego Gas & Electric and Sumitomo