SHELL’S ACTIVITIES IN ELECTRIC MOBILITY

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DEFINITIONS & CAUTIONARY NOTE

Reserves: Our use of the term "reserves" in this presentation means SEC proved oil and gas reserves.

Resources: Our use of the term "resources" in this presentation includes quantities of oil and gas not yet classified as SEC proved oil and gas reserves. Resources are consistent with the Society of Petroleum Engineers 2P and 2C definitions.

Organic: Our use of the term Organic includes SEC proved oil and gas reserves excluding changes resulting from acquisitions, divestments and year-average pricing impact.

Resources plays: Our use of the term 'resources plays' refers to tight, shale and coal bed methane oil and gas acreage.

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Growing need for flexibility starting 2015

Significant change staring in 2015

Increased ramp

Potential over-generation

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SHELL’S PILOT HAS SHOWN THAT EVs ARE UNIQUE FLEXIBLE ASSETS

CUSTOMER ROLE
- Mileage
- Plug in time
- Plug out time

Initial charge schedule
- Plug in: 1700
- Start charging: 1700
- Stop charging: 2200
- Plug out: 0700

Continuous use of the Power Grid

SHELL ROLE
- Iterate & optimise charge schedule

Optimised charge schedule
- Plug in: 1700
- Stop charging: 1700
- Start charging: 2000
- Stop charging: 2030
- Start charging: 0100
- Stop charging: 0500
- Plug out: 0700

Power markets

Phased use of the Power Grid

PROMISE TO CUSTOMER
- At plug out time
- Battery: 100%